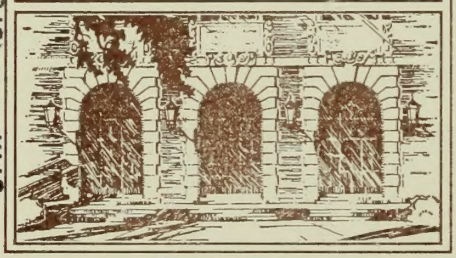
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ACENOCOUMAROL

ADMINISTRATION & DOSAGE

Pregnancy in 6 patients with Starr-Edwards heart valve prostheses. Ibarra-Pérez C, et al. **Am J Cardiol** 30:565-8, Oct 72

[Prevention of thromboembolic disease in gynecology and obstetrics. Trial of tanderil] Dargent D, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1:879-86, Dec 72 (Eng. Abstr.) **(Fre)**

[The use of acenocoumarol in obstetrical gynecology] Crepin G. **Lille Med** 16:Suppl 1:230-3, Jan 71 **(Fre)**

[Prevention of concomitant thrombosis in central venous catheters by drugs] Fassolt A, et al. **Anaesthesist** 22:324-6, Jul 73 **(Ger)**

ADVERSE EFFECTS

Pregnancy in 6 patients with Starr-Edwards heart valve prostheses. Ibarra-Pérez C, et al. **Am J Cardiol** 30:565-8, Oct 72

[Fatal adrenal hemorrhage during anticoagulant therapy] Sulmoni A, et al. **Urologie [A]** 12:71-3, Mar 73 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

Behaviour of chlorpropamide in renal insufficiency and under the effect of associated drug therapy. Petitpierre B, et al. **Int J Clin Pharmacol** 6:120-4, Jun 72

The influence of acenocumarole on the fibrinogen-turnover in normal subjects, venous thrombosis and congestive heart failure. Maas AP van der, et al. **Thromb Diath Haemorrh** 28:496-508, 31 Dec 72

THERAPEUTIC USE

Pregnancy in 6 patients with Starr-Edwards heart valve prostheses. Ibarra-Pérez C, et al. **Am J Cardiol** 30:565-8, Oct 72

Anticoagulation in microvascular surgery. Kolář L, et al. **Eur Surg Res** 5:52-7, 1973

Anticoagulant prevention of massive pulmonary embolism in surgical patients. Klok PA. **Scand J Thorac Cardiovasc Surg** 7:45-8, 1973

The influence of acenocumarole on the fibrinogen-turnover in normal subjects, venous thrombosis and congestive heart failure. Maas AP van der, et al. **Thromb Diath Haemorrh** 28:496-508, 31 Dec 72

[The use of acenocoumarol in obstetrical gynecology] Crepin G. **Lille Med** 16:Suppl 1:230-3, Jan 71 **(Fre)**

[Prevention of concomitant thrombosis in central venous catheters by drugs] Fassolt A, et al. **Anaesthesist** 22:324-6, Jul 73 **(Ger)**

[Traumatic thromboses of the deep venous system in recent tibial fractures] Spieler U, et al. **Schweiz Med Wochenschr** 102:1535-40, 28 Oct 72 (Eng. Abstr.) **(Ger)**

[Mechanisms of action of oral anticoagulants] Uszyński L. **Acta Haematol Pol** 3:133-9, Apr-Jun 72 (Eng. Abstr.) **(Pol)**

ADHESIONS

Healing and adhesion formation of peritoneal wounds. An angio-, histoangiographic, and ultrastructural study. Myllärniemi H. **Acta Chir Scand** 139:258-63, 1973

Complications of pelvic operation following abdominoperineal resection. Caspersen LS. **Am J Obstet Gynecol** 116:564-8, 15 Jun 73

Conglutination of the labia minora in the presence of normal endogenous estrogen levels: an exception to the rule. Goldstein AI, et al. **Am J Obstet Gynecol** 113:845-6, 15 Jul 72

Intrauterine adhesions: a syndrome of the past with the use of the Massouras duck's foot No. 2 intrauterine contraceptive device. Massouras HG. **Am J Obstet Gynecol** 116:576-8, 15 Jun 73

Clinical significance of organic hypomenorrhea. Polishuk WZ, et al. **Am J Obstet Gynecol** 116:1058-64, 15 Aug 73

Induction of intrauterine adhesions in the rabbit with autogenous fibroblast implants. Polishuk WZ, et al. **Am J Obstet Gynecol** 115:789-94, 15 Mar 73

Repair after xenon arc photocoagulation. 2. A clinical and light microscopic study of the evolution of retinal lesions in the rhesus monkey. Wallow IH, et al. **Am J Ophthalmol** 75:610-26, Apr 73

Functional evaluation of small bowel obstruction by successive abdominal roentgenograms. Bryk D. **Am J Roentgenol Radium Ther Nucl Med** 116:262-75, Oct 72

Follow-up air studies on patients with ventriculo-atrial (V-A) shunts. Reference to the value of polytomography. el-Gammal T. **Am J Roentgenol Radium Ther Nucl Med** 118:155-62, May 73

Serosal hypofibrinolysis. A cause of postoperative adhesions. Gervin AS, et al. **Am J Surg** 125:80-8, Jan 73

Removal of dense secondary pupillary membranes following trauma: report of three cases. Shock JP, et al. **Ann Ophthalmol** 5:243-9, Feb 73

Mucous glands in the middle ear and osseous Eustachian tube. Bak-Pedersen K, et al. **Ann Otol Rhinol Laryngol** 82:80-8, Jan-Feb 73

The response of rat fetal membranes to injury. Sopher D. **Ann R Coll Surg Engl** 51:240-9, Oct 72

Care of the eye in facial paralysis. Goren SB, et al. **Arch Otolaryngol** 97:227-8, Feb 73

Pneumatosis cystoides intestinalis of adulthood. Wolloch Y, et al. **Arch Surg** 104:723-6, Nov 72

Pneumatosis cystoides intestinalis of adulthood. Wolloch Y, et al. **Arch Surg** 105:723-6, Nov 72

Intraocular pressure during haemodialysis. Burn RA. **Br J Ophthalmol** 57:511-3, Jul 73

Primary angle-closure glaucoma. A review 5 years after bilateral surgery. Lowe RF. **Br J Ophthalmol** 57:457-63, Jul 73

Iridotomy with a ruby laser. Perkins ES, et al. **Br J Ophthalmol** 57:487-98, Jul 73

Poststerilization mittelschmerz. Daw E. **Br Med J** 3:701, 16 Sep 72

Extensive resections for cancer of the large bowel. **Br Med J** 1:692, 24 Mar 73

Pathogenesis of slit shaped pupil with a report of two cases associated with glaucoma. Shalash BA, et al. **Bull Ophthalmol Soc Egypt** 65:139-43, 1972

Surgical management of acute septic pericarditis. Sethi GK, et al. **Chest** 63:732-5, May 73

Difficult hysterectomy. Mattingly RF, et al. **Clin Obstet Gynecol** 15:788-801, Sep 72

Intestinal obstruction: ten-year experience. Giuffré JC. **Dis Colon Rectum** 15:426-30, Nov-Dec 72

Problems in the diagnosis, treatment and prevention of intrauterine adhesions. Stavropoulos AC. **Int Surg** 57:787-8, Oct 72

Magnetically induced detrusor contraction. A new concept for treatment of neurogenic bladder. Chien YC, et al. **Invest Urol** 10:464-8, May 73

Intestinal obstruction complicating pregnancy. Glinter KP. **J Am Osteopath Assoc** 72:979-84, Jun 73

Flatfoot-dropfoot due to anterior tibial tendovaginal adhesions. Beck EL, et al. **J Am Podiatry Assoc** 63:440-6, Sep 73

Clinical effects of repeated cardiac punctures in dogs. Buchanan JW, et al. **J Am Vet Med Assoc** 161:814-8, 1 Oct 72

Diagnosis of infertility in the bull. Walker DF. **J Am Vet Med Assoc** 161:1288-90, 1 Dec 72

Ocular aspects of burns. Rao PN, et al. **J Indian Med Assoc** 59:389-91, 1 Nov 72

Idiopathic retroperitoneal fibrosis. Sy VL. **J Maine Med Assoc** 64:30 passim, Apr 73

Evaluation of polyglycolic acid sutures in vascular surgery. Alvarez-Cordero R, et al. **J Surg Res** 15:35-44, Jul 73

Experimental intestinal atresia in the rabbit fetus. Sequential pathological studies. Tsujimoto K, et al. **Johns Hopkins Med J** 131:287-97, Oct 72

The paramedic abortionist. Mattingly RF. **Obstet Gynecol** 41:929-30, Jun 73

A technique for chronic catheterization of the sheep abomasum. Hart R, et al. **Res Vet Sci** 13:496-7, Sep 72

Fusion of the vocal cords following intubation and tracheostomy. Kirchner JA, et al. **Trans Am Acad Ophthalmol Otolaryngol** 77:orl88-91, Mar-Apr 73

Experimental cryoapplication with variations in the pressure exerted on the sclera. Brihaye M, et al. **Trans Ophthalmol Soc UK** 92:860, 1972

Complications in corneal grafting. Casey TA, et al. **Trans Ophthalmol Soc UK** 92:517-30, 1972

Perforatokerato-prosthesis 60 cases, 1967-72. Choyce DP. **Trans Ophthalmol Soc UK** 92:727-33, 1972

Experiences in the clinical use of polyglycolic acid as an

absorbable synthetic suture material. Borthwick R. **Vet Rec** 92:386-91, 14 Apr 73

Further observations on the maintenance of a monospecific infection of Strongylus vulgaris in the horse. Duncan JL, et al. **Vet Rec** 92:533, 19 May 73

Abomasal displacement in a cow. Stafford LP. **Vet Rec** 92:515-6, 12 May 73

[Lortat-Jacob's disease, Umbilical synechia] Duperrat B, et al. **Bull Soc Fr Dermatol Syphiligr** 79:211, 1972 **(Fre)**

[Benign mucosal pemphigoid with cicatrical evolution (Lortat-Jacob's mucosynechiant disease) and skin manifestations] Grupper C, et al. **Bull Soc Fr Dermatol Syphiligr** 79:233, 1972 **(Fre)**

[Case of the month] Nicard P, et al. **J Radiol Electrol Med Nucl** 53:814 passim, Nov 72 **(Fre)**

[Painful abdominal manifestations in juvenile rheumatoid arthritis] Gaultier C, et al. **Rev Rhum Mal Osteoartic** 39:271-80, Apr 72 (Eng. Abstr.) **(Fre)**

[Argon laser coagulation of the rabbit iris. Threshold determinations and electron microscopy findings] Ruprecht KW, et al. **Albrecht von Graefes Arch Klin Ophthalmol** 187:311-26, 1973 (Eng. Abstr.) **(Ger)**

[Indications and results of relaparotomy in postoperative intestinal obstruction] Dinstl K, et al. **Bruns Beitr Klin Chir** 220:419-28, Jul 73 (Eng. Abstr.) **(Ger)**

[Technical modification of Noble-Childs' mesenterial plication] Merguet H. **Chirurg** 44:308-10, Jul 73 **(Ger)**

[Surgery of early postperitoneal ileus] Zwicker M. **Dtsch Med Wochenschr** 98:751-6, 11 May 73 (Eng. Abstr.) **(Ger)**

[Pathology of retino-vitreal adhesion of a flap rupture. (Vitreoid degeneration)] Hagedoorn A, et al. **Klin Monatsbl Augenheilkd** 162:306-15, Mar 73 (Eng. Abstr.) **(Ger)**

[Special microsurgical interventions. 2. First experiences with the argon laser apparatus 800] Hager H. **Klin Monatsbl Augenheilkd** 162:437-50, Apr 73 (Eng. Abstr.) **(Ger)**

[Diffuse peritoneal fibrosis in infancy following fetal peritonitis] Remmele W, et al. **Monatsschr Kinderheilkd** 121:91-7, Mar 73 (Eng. Abstr.) **(Ger)**

[Erroneous pulmonary coin lesion diagnosis in pleural changes] Rothe G, et al. **Z Erkr Atmungsorgane** 137:145-51, Feb 73 **(Ger)**

[Laryngeal adhesions and stenosis] Kleinsasser O. **Z Laryngol Rhinol Otol** 52:58-67, Jan 73 (Eng. Abstr.) **(Ger)**

[Value of hysterosalpingography and laparoscopy in the diagnosis of sterility with special reference to the tubal factor] Havemann O, et al. **Zentralbl Gynaekol** 95:705-9, 25 May 73 **(Ger)**

[The influence of pleural adhesions on the characteristics and frequency of complications during lung surgery] Grinblat AI. **Eksp Khir Anesteziol** 17:25-8, Jul-Aug 72 (Eng. Abstr.) **(Rus)**

[Injuries to the pancreas] Strel'nikov BE, et al. **Khirurgiia (Mosk)** 49:45-7, Feb 72 (Eng. Abstr.) **(Rus)**

[Simplified method of removing total symblepharon as preparation for corneal transplant] Petrunia MS. **Oftalmol Zh** 28:225-8, 1973 (Eng. Abstr.) **(Rus)**

[Neck strangulation syndrome following surgery on the thyroid gland] Vinnik LF. **Vestn Khir** 108:53-7, Jul 72 (Eng. Abstr.) **(Rus)**

[Roentgen diagnosis of postoperative adhesions of the small intestine] Basova VG, et al. **Vestn Rentgenol Radiol** 48:33-8, Mar-Apr 73 **(Rus)**

[The disagnostic significance of additional systolic tones] Sycheva EM. **Vrach Delo** 11:28-9, Nov 72 **(Rus)**

[The pathogenesis of radicular syndromes in lumbar osteochondrosis] Brotman MK. **Zh Nevropatol Psikhiatr** 72:516-21, 1972 (Eng. Abstr.) **(Rus)**

[Use of pyrogenal in the complex treatment of adhesive otitis media] Bariliak RA, et al. **Zh Ushn Nos Gorl Bolezn** 31:11-5, Sep-Oct 71 (Eng. Abstr.) **(Rus)**

CHEMICALLY INDUCED

Ulceration and stricture of the jejunum in a patient on long-term indomethacin therapy. Sturges HF, et al. **Am J Gastroenterol** 59:162-9, Feb 73

Starch and intraperitoneal adhesion formation. Jagelman DG, et al. **Br J Surg** 60:111-4, Feb 73

Regeneration of rabbit endometrium following intrauterine instillation of chemical agents. Schenker JG, et al. **Gynecol Invest** 4:1-13, 1973

Paraffin oil. Penn I. **Lancet** 1:776, 7 Apr 73

COMPLICATIONS

Gonioscopy during surgery for aphakic eyes with pupillary block. Chandler PA, et al. **Am J Ophthalmol** 74:571-80, Oct 72

Late onset small bowel fistula due to tantalum mesh. Bothra R. **Am J Surg** 125:649-50, May 73

Blepharoptosis following dermolipoma surgery. Paris GL, et al. **Ann Ophthalmol** 5:697-9, Jun 73

Globus fixus as a rare complication to orbitotomy, irradiation of lid tumours or plastic re-construction of lids. el-Naggar AM. **Bull Ophthalmol Soc Egypt** 64:535-8, 1971

Simultaneous laparoscopy and hysteroscopy for intrauterine adhesions. Levine RU, et al. **Obstet Gynecol** 42:441-5, Sep 73

[Ileus due to adhesions. Analysis of patients operated on during a period of 15 years] Novák V. **Rozhl Chir** 52:173-81, Mar 73 (Eng. Abstr.) **(Cze)**

[Vaginal hysterectomy following previous gynaecological laparotomy] Hinz W, et al. **Geburtshilfe Frauenheilkd** 33:206-11, Mar 73 (Eng. Abstr.) **(Ger)**

[Pupillary block after cataract-extraction and its removal using Mauksch's operation] Arkin W. **Klin Monatsbl Augenheilkd** 162:95-7, Jan 73 (Eng. Abstr.) **(Ger)**

[Esophageal stenosis in chronic candidiasis] Bode A. **Klin Paediatr** 185:75-8, Jan 73 **(Ger)**

[Causes and diagnosis of ileus. Angiography] Wenz W. **Wien Z Inn Med** 53:433-8, 1972 **(Ger)**

[Kidney decompression in deep ureteral stenoses. Ureterostomia in situ] Boeminghaus F. **Z Urol Nephrol** 65:459-65, Jun 72 **(Ger)**

[Mechanical ileus of the small intestine] Ihász M. **Zentralbl Chir** 97:1441-6, 14 Oct 72 **(Ger)**

[Noble's operation for acute adhesional intestinal obstruction] Belkin MB. **Khirurgiia (Mosk)** 48:79-81, Oct 72 (Eng. Abstr.) **(Rus)**

[Age-related characteristics of early postoperative adhesional intestinal obstruction] Kovalev MM, et al. **Klin Khir** 3:1-4, Mar 73 **(Rus)**

DIAGNOSIS

Problems in the diagnosis, treatment and prevention of intrauterine adhesions. Stavropoulos AC. **Int Surg** 57:787-8, Oct 72

The laparoscope: an aid in the diagnosis of the intact ectopic gestation. Esposito JM. **J Reprod Med** 9:158-60, Oct 72

[Case of adhesive arachnitis in the cisterns of the occipital lobe with an atypical course] Wocjan J, et al. **Neurol Neurochir Pol** 7:129-32, Jan-Feb 73 (Eng. Abstr.) **(Pol)**

[Differential diagnostic importance of the lower hearing boundary and its shift after operations improving hearing] Amosov VV, et al. **Zh Ushn Nos Gorl Bolezn** 32:56-62, Jul-Aug 72 **(Rus)**

DRUG THERAPY

[Experiences with Ambene in gynecological practice] Stork W. **Munch Med Wochenschr** 114:989-91, 19 May 72 **(Ger)**

[Comparative evaluation of different methods of administration of chymotrypsin in adhesive processes of the middle ear in children] Egorov LV, et al. **Vestn Otorinolaringol** 35:38-41, Mar-Apr 73 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Gonioscopy during surgery for aphakic eyes with pupillary block. Chandler PA, et al. **Am J Ophthalmol** 74:571-80, Oct 72

Late onset small bowel fistula due to tantalum mesh. Bothra R. **Am J Surg** 125:649-50, May 73

Internal herniation of the efferent jejunal loop after gastroenterostomy. Wang HH. **Am J Surg** 124:587-90, Nov 72

Peritoneal adhesions and their relation to abdominal

surgery. A postmortem study. Weibel MA, et al. **Am J Surg** 126:345-53, Sep 73

Severe problems with gastric emptying after gastric surgery. Jordon GL Jr, et al. **Ann Surg** 177:660-8, Jun 73

Gonioscopic appearance after anterior flap sclerotomy. Bhargava SK. **Br J Ophthalmol** 56:550-4, Jul 72

Complications of ovariohysterectomies. Furneaux RW, et al. **Can Vet J** 14:98-9, Apr 73

Problems with cardiac pacemakers in the aged. Witt CB Jr. **Geriatrics** 27:92-5, Nov 72

Problems in the diagnosis, treatment and prevention of intrauterine adhesions. Stavropoulos AC. **Int Surg** 57:787-8, Oct 72

Peritoneal adhesions. Chatterjee SK. **J Indian Med Assoc** 58:382-3, 16 May 72

Pathogenesis of intra-abdominal adhesions. Razdan JL, et al. **J Indian Med Assoc** 58:359-61, 16 May 72

Congenital choledochal cyst: with observations on rupture of the cyst and intrahepatic ductal dilatation. Chen WJ, et al. **J Pediatr Surg** 8:529-38, Aug 73

Postoperative pericardial adhesions. The role of mild serosal injury and spilled blood. Cliff WJ, et al. **J Thorac Cardiovasc Surg** 65:744-50, May 73

Vasculogenic diseases of the small intestine. Wasyluk J, et al. **Mater Med Pol** 3:35-40, Oct-Dec 71

Pupillary block and angle-closure glaucoma. Godel V, et al. **Ophthalmologica** 165:109-16, 1972

Factors influencing the prognosis of ovarian cystadenocarcinomas. Nieminen U, et al. **Prog Clin Cancer** 5:237-47, 1973

Wound healing after cataract extraction and position of the vitreous in aphakic eyes as studied postmortem. Heller MD, et al. **Trans Am Ophthalmol Soc** 60:245-62, 1971

[Cicatricial bands caused by burns of the upper limb (excluding the hand): apropos of the treatment of 52 bands] Apoil A, et al. **Ann Chir Plast** 18:9-14, 1973 (Eng. Abstr.) **(Fre)**

[Retraction of the quadriceps muscle after drug injections in children. (Results of 20 cases operated on for liberation of the extensor apparatus)] Pouliquen JC, et al. **Ann Pediatr (Paris)** 19:613-20, Sep 72 (Eng. Abstr.) **(Fre)**

[Case of adhesive arachnitis in the cisterns of the occipital lobe with an atypical course] Wocjan J, et al. **Neurol Neurochir Pol** 7:129-32, Jan-Feb 73 (Eng. Abstr.) **(Pol)**

[Increased tendency to development of postoperative adhesions of the peritoneal cavity] Zhenchevskii RA. **Klin Khir** 3:57-9, Mar 73 **(Rus)**

MORTALITY

Excessive morbidity resulting from the prevention of intestinal adhesions with steroids and antihistamines. Grosfeld JL, et al. **J Pediatr Surg** 8:221-6, Apr 73

OCCURRENCE

Excessive morbidity resulting from the prevention of intestinal adhesions with steroids and antihistamines. Grosfeld JL, et al. **J Pediatr Surg** 8:221-6, Apr 73

[Adhesions of the labia minora] Ratzkowski B. **Harefuah** 83:236-7, 15 Sep 72 (Eng. Abstr.) **(Heb)**

PATHOLOGY

Ulceration and stricture of the jejunum in a patient on long-term indomethacin therapy. Sturges HF, et al. **Am J Gastroenterol** 59:162-9, Feb 73

Gonioscopic appearance after anterior flap sclerotomy. Bhargava SK. **Br J Ophthalmol** 56:550-4, Jul 72

Postoperative pericardial adhesions. The role of mild serosal injury and spilled blood. Cliff WJ, et al. **J Thorac Cardiovasc Surg** 65:744-50, May 73

PREVENTION & CONTROL

Kidney transplantation in inbred rats. Silber SJ, et al. **Am J Surg** 125:551-3, May 73

Peritoneal adhesions and their relation to abdominal surgery. A postmortem study. Weibel MA, et al. **Am J Surg** 126:345-53, Sep 73

Prevention of reformation of peritoneal adhesions. Effect of oxyphenbutazone, proteolytic enzymes from carica papaya, and dextran 40. Kapur BM, et al. **Arch Surg** 104:761-4, Nov 72

Prevention of reformation of peritoneal adhesions. Effect of oxyphenbutazone, proteolytic enzymes from carica papaya, and dextran 40. Kapur BM, et al. **Arch Surg** 105:761-4, Nov 72

Silastic sheeting in hand surgery. Williams CW, et al. **Hand** 4:273-6, Oct 72

The prevention of postoperative pelvic adhesions following conservative operative treatment for human infertility. A final 3-year follow-up report. Horne HW Jr, et al. **Int J Fertil** 18:109-15, 1973

Inhibitors of collagen biosynthesis as a means of controlling scar formation in tendon injury. Bora FW Jr, et al. **J Bone Joint Surg [Am]** 54:1501-8, Oct 72

Peritoneal adhesions. Chatterjee SK. **J Indian Med Assoc** 58:382-3, 16 May 72

Excessive morbidity resulting from the prevention of intestinal adhesions with steroids and antihistamines. Grosfeld JL, et al. **J Pediatr Surg** 8:221-6, Apr 73

Partial replacement of pericardium with dura substitute. Bonnabeau RC Jr, et al. **J Thorac Cardiovasc Surg** 66:196-201, Aug 73

Effects of instillation of paraffins in tissues. Campbell JS, et al. **Lancet** 1:775-6, 7 Apr 73

Gloves, starch, and povidone iodine. McNaught GH. **Lancet** 808:887, 21 Apr 73

Gloves, starch, and povidone iodine. McNaught GH. **Lancet** 1:887, 21 Apr 73

Paraffin oil. Penn I. **Lancet** 1:776, 7 Apr 73

Miotics in cataract surgery. Beasley H. **Trans Am Ophthalmol Soc** 60:237-44, 1971

[Noble's plication in the prevention of postoperative adhesions] Kouba R. **Rozhl Chir** 51:675-82, Oct 72 (Eng. Abstr.) **(Cze)**

[Intestinal or mesenteric plication (63 cases)] Maillet P, et al. **Lyon Chir** 68:265-9, Jul-Aug 72 (Eng. Abstr.) **(Fre)**

[Measures for preventing adhesion ileus. Studies on the clinical value of intestinal plication and splinting] Reifferscheid M, et al. **Bruns Beitr Klin Chir** 220:125-32, Apr 73 (Eng. Abstr.) **(Ger)**

[Effects of drugs on the inflammatory-fibroplastic processes in urologic diseases and uroplastic surgery] Rütte B von, et al. **Praxis** 61:1613-9, 26 Dec 72 **(Ger)**

[Intraperitoneal administration of silicone oil for prevention of postoperative peritoneal adhesions] Owsiany W. **Pol Przegl Chir** 45:579-85, May 73 (Eng. Abstr.) **(Pol)**

[The state of the small intestine following intestinoplication] Nepokoĭchitskiĭ EO. **Khirurgiia (Mosk)** 48:81-4, Oct 72 (Eng. Abstr.) **(Rus)**

[Experience with prevention of postoperative adhesions (preliminary report)] Zelenetskii RG. **Klin Khir** 3:9-12, Mar 73 **(Rus)**

[Prevention of adhesion formation in joint spaces with a layer of fluoroplast] Goncharenko VV. **Ortop Travmatol Protez** 33:72-6, Sep 72 **(Rus)**

[Use of proteolytic enzymes for prevention of postoperative adhesions in the abdominal cavity] Zhenchevskiĭ RA. **Vestn Khir** 108:48-53, Oct 72 (Eng. Abstr.) **(Rus)**

[Plastic repair of defects in the dura mater] Arutiunov AI, et al. **Vopr Neirokhir** 36:3-9, May-Jun 72 (34 ref.) (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Ulceration and stricture of the jejunum in a patient on long-term indomethacin therapy. Sturges HF, et al. **Am J Gastroenterol** 59:162-9, Feb 73

Mechanical small bowel obstruction. Levin B. **Semin Roentgenol** 8:281-97, Jul 73

[Peritoneography with urovison before the introduction of radio-active gold] Doench K, et al. **Fortschr Geb Roentgenstr Nuklearmed** 118:413-7, 1973 (Eng. Abstr.) **(Ger)**

SURGERY

Ulceration and stricture of the jejunum in a patient on long-term indomethacin therapy. Sturges HF, et al. **Am J Gastroenterol** 59:162-9, Feb 73

Internal herniation of the efferent jejunal loop after gastroenterostomy. Wang HH. **Am J Surg** 124:587-90, Nov 72

Severe problems with gastric emptying after gastric surgery. Jordon GL Jr, et al. **Ann Surg** 177:660-8, Jun 73

A surgical procedure for postmastectomy edema. Larson NE, et al. **Arch Surg** 106:475-81, Apr 73

Surgical treatment of dysthyroid restriction

syndromes. Pratt-Johnson JA, et al.
Can J Ophthalmol 7:405-12, Oct 72
The prevention of postoperative pelvic adhesions following conservative operative treatment for human infertility. A final 3-year follow-up report. Horne HW Jr, et al. **Int J Fertil** 18:109-15, 1973
Problems in the diagnosis, treatment and prevention of intrauterine adhesions. Stavropoulos AC.
Int Surg 57:787-8, Oct 72
Gas gangrene of the anterior abdominal wall. Wapnick S, et al. **Int Surg** 58:504-7, Jul 73
Laparoscopy: an overview and results of a large series. Corson SL, et al. **J Reprod Med** 9:148-57, Oct 72
Simultaneous laparoscopy and hysteroscopy for intrauterine adhesions. Levine RU, et al.
Obstet Gynecol 42:441-5, Sep 73
The management of giant retinal tears. Murchland JB.
Trans Aust Coll Ophthalmol 3:154-8, 1971
Recent advances in the treatment of retinal detachment. Schepens CL.
Trans Aust Coll Ophthalmol 3:86-100, 1971
[Ileus due to adhesions. Analysis of patients operated on during a period of 15 years] Novák V.
Rozhl Chir 52:173-81, Mar 73 (Eng. Abstr.) **(Cze)**
[Surgical methods of treating prematurity before the onset of pregnancy] Liubimova AI.
Akush Ginekol (Mosk) 49:52-4, Feb 73 **(Rus)**
[Noble's operation for acute adhesional intestinal obstruction] Belkin MB.
Khirurgiia (Mosk) 48:79-81, Oct 72 (Eng. Abstr.) **(Rus)**
[Point transfixation of the mesemtery in ileous conditions due to adhesions] Bodor A.
Rozhl Chir 52:182-6, Mar 73 **(Slo)**

THERAPY

[Use of non-turgescent corneas as dressings in the treatment of several ocular diseases] Payrau P, et al.
Bull Soc Ophtalmol Fr 12:467-78, Apr 72 (Eng. Abstr.) **(Fre)**
[Use of the intrauterine contraceptive pessary in the treatment of adhesions of traumatic origin] Parvulescu I, et al.
Rev Fr Gynecol Obstet 67:653-4, Nov 72 **(Fre)**

VETERINARY

Complications of ovariohysterectomies. Furneaux RW, et al. **Can Vet J** 14:98-9, Apr 73
Surgical management of abdominal crisis in the horse. Vaughan JT.
J Am Vet Med Assoc 161:1199-212, 1 Dec 72 (36 ref.)

AESCULUS

[Report on the critical testing of the combination preparation Ultra-Demoplas in orthopedic practice] Hieber F. **Med Welt** 23:1557-9, 21 Oct 72 **(Ger)**
[New therapeutic possibilities in the treatment of swellings] Zeth K.
Z Haut Geschlechtskr 47:939-50, 1 Dec 72 **(Ger)**

ADMINISTRATION & DOSAGE

[Use of Reparil in orthopedics and traumatology] Popelka S, et al.
Acta Chir Orthop Traumatol Cech 40:256-8, Jun 73 (Eng. Abstr.) **(Cze)**
[Foot ache in osteophytoses--therapy in general practice] Gayde G, et al.
Z Allgemeinmed 48:794-6, 10 Jun 72 **(Ger)**
[Therapeutic effects of Reparil. Clinical experimental studies and therapeutic observations] Steinacher J.
Z Haut Geschlechtskr 47:559-64, 1 Jul 72 **(Ger)**

BLOOD

[Pharmacokinetic studies on triatiated aescin in the mouse and rat] Lang W, et al.
Arzneim Forsch 22:1928-32, Nov 72 (Eng. Abstr.) **(Ger)**

METABOLISM

[Pharmacokinetic studies on triatiated aescin in the mouse and rat] Lang W, et al.
Arzneim Forsch 22:1928-32, Nov 72 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

[Venous occlusion segment plethysmography in the conscious dog] Hampel H, et al.
Arzneim Forsch 22:1937-43, Nov 72 (Eng. Abstr.) **(Ger)**
[Pharmacokinetic studies on triatiated aescin in the mouse and rat] Lang W, et al.
Arzneim Forsch 22:1928-32, Nov 72 (Eng. Abstr.) **(Ger)**
[Therapeutic effects of Reparil. Clinical experimental studies and therapeutic observations] Steinacher J.
Z Haut Geschlechtskr 47:559-64, 1 Jul 72 **(Ger)**
[Metabolism of cartilaginous sulfomucopolysaccharides in adrenalectomized and escin-treated rats] Diomede-Fresa V, et al.
Arch Sci Med (Torino) 129:145-9, Jul-Sep 72 (Eng. Abstr.) **(Ita)**

THERAPEUTIC USE

Experimental epilepsy: a histochemical and ultrastructural study. Cazzullo CL, et al.
Arzneim Forsch 23:531-7, Apr 73
[Use of Reparil in orthopedics and traumatology] Popelka S, et al.
Acta Chir Orthop Traumatol Cech 40:256-8, Jun 73 (Eng. Abstr.) **(Cze)**
[Therapeutic effects of venotonics in clinical pharmacotherapeutical evaluations by double-blind tests] Krčílek A, et al.
Cas Lek Cesk 112:930-3, 27 Jul 73 (Eng. Abstr.) **(Cze)**
[Treatment of circulatory venous diseases: double-blind study with Sandovene] Lambelet F.
Praxis 62:925-9, 17 Jul 73 (Eng. Abstr.) **(Fre)**
[Decrease of the longitudinal growth of artificially placed thrombi in the ear vein of the mouse following epicutaneous application of a heparinoid gel] Köstering H, et al.
Aerztl Forsch 26:438-42, 10 Dec 72 (Eng. Abstr.) **(Ger)**
[Drug therapy in rectal diseases] Teller H.
Arch Dermatol Forsch 244:385-90, 1972 **(Ger)**
[Experiences with local forms of Phlebex preparations in blunt traumas and other diseases] Höhfeld HH.
Med Monatsschr 26:483-5, Oct 72 **(Ger)**
[Therapy of venous congestion] Straube G.
Med Welt 23:1227-9, 2 Sep 72 **(Ger)**
[Treatment of cervical migraine with Venopyronum] Rahm E.
Munch Med Wochenschr 114:992-4, 19 May 72 **(Ger)**
[Treatment of inflammatory edemas in abdominal surgery] Michael RJ.
Ther Ggw 111:1623 passim, Nov 72 **(Ger)**
[Results of treatment with Reparil after recent injuries] Harms P.
Z Allgemeinmed 49:126-8, 31 Jan 73 **(Ger)**
[Therapeutic effects of Reparil. Clinical experimental studies and therapeutic observations] Steinacher J.
Z Haut Geschlechtskr 47:559-64, 1 Jul 72 **(Ger)**

URINE

[Pharmacokinetic studies on triatiated aescin in the mouse and rat] Lang W, et al.
Arzneim Forsch 22:1928-32, Nov 72 (Eng. Abstr.) **(Ger)**

AFIBRINOGENEMIA

Inhibition of the generalized Shwartzman reaction by hypofibrinogenemia. Bell WR, et al.
Blood 40:697-708, Nov 72
Coagulation factor variants. Bloom AL.
Br J Haematol 23:643-7, Dec 72 (34 ref.)
Hypofibrinogenemic states in obstetrics. Sise HS.
J Reprod Med 10:115-7, Mar 73
Case history: hypofibrinogenaemia. O'Donoghue EP.
World Ir Nurs 1:207-9, Oct 72
[Fibrinogenopathies] Stahl M.
Acta Haematol Pol 3:93-9, Jan-Mar 72 (22 ref.) **(Pol)**
[Congenital thrombopathies] Outeiriño Hernanz J, et al. **Rev Clin Esp** 128:93-100, 31 Jan 73 (35 ref.) **(Spa)**

BLOOD

The clinical significance of the plasminogen level. Lackner H, et al. **Am J Clin Pathol** 60:175-81, Aug 73
Counterelectrophoresis test for molecules immunologically similar to fibrinogen. Lewis JH, et al.
Am J Clin Pathol 58:400-4, Oct 72

Reactions of blood with nonbiologic surfaces. Ultrastructural and clotting studies with normal and coagulation factor deficient bloods. Mason RG, et al. **Am J Pathol** 69:271-88, Nov 72

Freeze-etch observations on the plasma membrane and other structures of normal and abnormal platelets. Reddick RL, et al. **Am J Pathol** 70:473-88, Mar 73

Exocytosis of secretory organelles from blood platelets incubated with cationic polypeptides. White JG. **Am J Pathol** 69:41-54, Oct 72

The molecular basis of hereditary clotting disorders. Ratnoff OD. **Prog Hemostasis Thromb** 1:39-74, 1972 (184 ref.)

Fibrinogen Troyes--fibrinogen Metz. Two new cases of congenital dysfibrinogenemia. Soria J, et al. **Thromb Diath Haemorrh** 27:619-33, 31 Jul 72

[Structural anomaly of Metz fibrinogen, localized on the (A) chain of the molecule] Soria J, et al. **Biochimie** 54:415-7, 1972 (Eng. Abstr.) **(Fre)**

[Molecular-biology findings on various blood clotting factors] Fiedler H. **Folia Haematol (Leipz)** 98:121-39, 1972 (121 ref.) (Eng. Abstr.) **(Ger)**

[Efficiency and limits of laboratory diagnosis of diffuse intravascular blood coagulation processes] Heene DL, et al. **Internist (Berlin)** 14:154-9, Apr 73 **(Ger)**

[Measurement of platelet adhesiveness using a modified form of the Hellem II method with special reference to Von Willebrand-Jürgens syndrome] Niessner H. **Thromb Diath Haemorrh** 27:434-51, 31 Jul 72 (Eng. Abstr.) **(Ger)**

CHEMICALLY INDUCED

[Therapeutic defibrination using snake venom (Arvin) in arterial circulation disorders] Ehringer H, et al. **Verh Dtsch Ges Inn Med** 78:624-7, 1972 **(Ger)**

COMPLICATIONS

Acute promyelocytic leukemia in pregnancy. Bhoopathi B, et al. **Obstet Gynecol** 41:275-8, Feb 73

[Analysis of gastric hemorrhage in 150 patients] Thies HA, et al. **Dtsch Med Wochenschr** 98:703-8, 11 May 73 (Eng. Abstr.) **(Ger)**

[Blood platelet diseases] Winckelmann G. **Med Klin** 68:31-6, 12 Jan 73 (56 ref.) **(Ger)**

[Renal cortical necrosis in a pregnant patient with acute promyelocytic leukemia] Kondo H, et al. **Jap J Clin Hematol** 13:844-9, Oct 72 (Eng. Abstr.) **(Jap)**

[Etiology and pathogenesis of Sheehan's syndrome (review of the literature)] Pasha SP. **Akush Ginekol (Mosk)** 48:20-3, May 72 (33 ref.) (Eng. Abstr.) **(Rus)**

CONGENITAL

The clinical significance of the plasminogen level. Lackner H, et al. **Am J Clin Pathol** 60:175-81, Aug 73

Haemostatic functions of platelets and their disorders. Hardisty RM. **Sci Basis Med** 222-37, 1972 (55 ref.)

[Fibrinogen. Hereditary hypo--and dysfibrinogenemia] Gajdos A. **Nouv Presse Med** 2:1067-71, Apr 73 (30 ref.) **(Fre)**

DIAGNOSIS

Platelet factor 3--methods of study. De Gaetano G, et al. **Adv Exp Med Biol** 34:281-94, 1972

Coagulation studies in a case of severe congenital hypofibrinogenemia. Barbu T, et al. **Thromb Diath Haemorrh** 28:129-34, 31 Aug 72

Congenital afibrinogenemia in goats. Breukink HJ, et al. **Zentralbl Veterinaermed [A]** 19:661-76, Sep 72

[Syndromes of congenital and familial disfibrinogenemia. Apropos of 2 additional families] Aguercif M, et al. **Pediatrie** 27:317-23, Apr-Mar 72 **(Fre)**

[Efficiency and limits of fibrinolytic system function tests] Loo J van de. **Internist (Berlin)** 14:170-4, Apr 73 **(Ger)**

[Fibrinogenopathies] Stahl M. **Acta Haematol Pol** 3:93-9, Jan-Mar 72 (22 ref.) **(Pol)**

DRUG THERAPY

Fibrinolysis following contact with a Saturnid caterpillar. Arocha-Pinango CL, et al. **J Clin Pathol** 25:637, Jul 72

ENZYMOLOGY

[Fibrinogenopathies] Stahl M. **Acta Haematol Pol** 3:93-9, Jan-Mar 72 (22 ref.) **(Pol)**

ETIOLOGY

Hypofibrinogenemia after Echis colorata bite in man. Dvilansky A, et al. **Acta Haematol (Basel)** 49:123-7, 1973

Hypofibrinogenemia associated with hemangioma of the liver. Martinez J, et al. **Am J Clin Pathol** 60:192-7, Aug 73

Fibrinolysis following contact with a Saturnid caterpillar. Arocha-Pinango CL, et al. **J Clin Pathol** 25:637, Jul 72

Hypofibrinogenemic states in obstetrics. Sise HS. **J Reprod Med** 10:115-7, Mar 73

[Acquired blood coagulation disorders] Favre-Gilly J. **Lyon Med** 19:Suppl:133-42, Apr 72 **(Fre)**

FAMILIAL & GENETIC

The genetics of hereditary disorders of blood coagulation. Ratnoff OD, et al. **Science** 179:1291-8, 30 Mar 73 (53 ref.)

Coagulation studies in a case of severe congenital hypofibrinogenemia. Barbu T, et al. **Thromb Diath Haemorrh** 28:129-34, 31 Aug 72

Fibrinogen Troyes--fibrinogen Metz. Two new cases of congenital dysfibrinogenemia. Soria J, et al. **Thromb Diath Haemorrh** 27:619-33, 31 Jul 72

Congenital afibrinogenemia in goats. Breukink HJ, et al. **Zentralbl Veterinaermed [A]** 19:661-76, Sep 72

[Syndromes of congenital and familial disfibrinogenemia. Apropos of 2 additional families] Aguercif M, et al. **Pediatrie** 27:317-23, Apr-Mar 72 **(Fre)**

IMMUNOLOGY

The genetics of hereditary disorders of blood coagulation. Ratnoff OD, et al. **Science** 179:1291-8, 30 Mar 73 (53 ref.)

OCCURRENCE

Peripheral clinical laboratory service for the Border and Transkei. Howard HF. **S Afr Med J** 47:308-9, 24 Feb 73

PATHOLOGY

Exocytosis of secretory organelles from blood platelets incubated with cationic polypeptides. White JG. **Am J Pathol** 69:41-54, Oct 72

PHYSIOPATHOLOGY

[Efficiency and limits of laboratory diagnosis of diffuse intravascular blood coagulation processes] Heene DL, et al. **Internist (Berlin)** 14:154-9, Apr 73 **(Ger)**

THERAPY

The treatment of coagulation factor deficiencies. Temperley IJ. **J Ir Med Assoc** 66:42-5, 27 Jan 73

Hypofibrinogenemic states in obstetrics. Sise HS. **J Reprod Med** 10:115-7, Mar 73

[Treatment of congenital and acquired coagulation disorders] Favre-Gilly J. **Lyon Med** 19:Suppl:157-66, Apr 72 **(Fre)**

VETERINARY

Congenital afibrinogenemia in goats. Breukink HJ, et al. **Zentralbl Veterinaermed [A]** 19:661-76, Sep 72

AMINOCAPROIC ACID

Hydrophobic affinity chromatography of proteins. Hofstee BH. **Anal Biochem** 52:430-48, Apr 73

Isoelectric focusing of human plasminogen, plasmin, and derived heavy (A) and light (B) chains. Robbins KC, et al. **Ann NY Acad Sci** 209:397-404, 15 Jun 73

Rotational diffusion analysis of the conformational alterations produced in plasminogen by certain

antifibrinolytic amino acids. Castellino FJ, et al. **Biochemistry** 12:2787-91, 17 Jul 73

Purification and characterization of carboxypeptidases A and B from the white shrimp (Penaeus setiferus). Gates BJ, et al. **Biochemistry** 12:1867-74, 8 May 73

Modification of bovine carboxypeptidase B with N-bromoacetyl-N-methyl-L-phenylalanine. Hass GM, et al. **Biochemistry** 11:3787-92, 26 Sep 72

Affinity labeling of a mouse IgG2a myeloma protein with binding affinity for nitrophenyl ligands. Martin N, et al. **Biochemistry** 11:4999-5005, 19 Dec 72

Heterogeneity of human adult and fetal fibrinogen: detection of derivatives indicative of thrombin proteolysis. Mills DA, et al. **Biochim Biophys Acta** 285:398-403, 28 Dec 72

The proteinase and peptidase activities of certain components of the medium used in the in vitro tissue culture of bone. Sakamoto M, et al. **Clin Orthop** 88:234-41, 1972

Affinity and Ig classes of anti-hapten antibodies in carrier-preimmunized rats. Hurme M, et al. **Eur J Immunol** 3:191-5, Apr 73

Technical problems in equilibrium dialysis. Werblin T, et al. **Immunochemistry** 10:3-7, Jan 73

Distribution of antibody affinities: technique of measurement. Werblin TP, et al. **Immunochemistry** 9:987-1011, Oct 72

Inactivation of complement (C3) in human serum by atopic allergens. Berrens L, et al. **Int Arch Allergy Appl Immunol** 45:30-9, 1973

The structure and function of acid proteases. Specific inactivation of an acid protease from Rhizopus chinensis by diazoacetyl-DL-norleucine methyl ester. Mizobe F, et al. **J Biochem (Tokyo)** 73:61-8, Jan 73

Inhibitors of fibrinolysis: evidence of some instances of mutual potentiation. Coccheri S, et al. **J Clin Pathol** 25:627-8, Jul 72

Purification by affinity chromatography of the molecular forms of acetylcholinesterase present in fresh electric-organ tissue of electric eel. Dudai Y, et al. **Proc Natl Acad Sci USA** 69:2400-3, Sep 72

Cold promoted activation of factor VII. 3. Relation to the kallikrein system. Gjonnaess H. **Thromb Diath Haemorrh** 28:182-93, 31 Oct 72

Cold promoted activation of Factor VII. V. Relation to the fibrinolytic system. Gjonnaess H. **Thromb Diath Haemorrh** 29:143-53, 28 Feb 73

The effect of some platelet aggregating and potential thrombosis-promoting substances on the development of experimental arterial thrombosis. Hladovec J. **Thromb Diath Haemorrh** 29:196-200, 28 Feb 73

Quality, affinity, and class A antibody produced after partial tolerance induction. Liacopoulos P, et al. **Transplant Proc** 4:391-4, Sep 72

[2-Thiontetrahydro-1.3.5-thiadiazines with antifibrinolytic properties] Würbach G, et al. **Pharmazie** 28:254-7, Apr 73 (Ger)

[Animal experiment studies on the release mechanism of consumption coagulopathy due to immunologic reactions] Mueller-Eckhardt C, et al. **Verh Dtsch Ges Inn Med** 77:1157-9, 1971 (Ger)

[Inhibition of the fibrinolytic enzyme system using fibrin and casein as the substrates] Miyatani K, et al. **Jap J Clin Pathol** 21:627-31, Jul 73 (Jap)

ADMINISTRATION & DOSAGE

Effect of combined administration of EACA and heparin on thrombus weight and fibrinolysis. An experimental study. Komatsu K, et al. **Bull Tokyo Med Dent Univ** 20:93-104, Mar 73

Epistaxis--topical use of epsilon-aminocaproic acid in its management. Jash DK. **J Laryngol Otol** 58:895-8, Sep 73

Abnormal bleeding after prostatectomy: illustrative cases and review of management. O'Sullivan EF, et al. **Med J Aust** 2:1165-9, 18 Nov 72

Failure of heparin, epsilon aminocaproic acid, or both agents to prevent increased fibrinogen levels after endotoxin in rabbits. Logan LJ, et al. **Proc Soc Exp Biol Med** 142:321-3, Jan 73

An approach to dental extractions in haemophilia and related bleeding disorders in children. Lurie A, et al. **S Afr Med J** 46:1743-6, 11 Nov 72

[Fibrinolysis and its inhibition in gynecology] Koutský J, et al. **Cas Lek Cesk** 112:72-5, 19 Jan 73 (Eng. Abstr.) (Cze)

[Experimental therapy of the post-irradiation blood coagulation disorders] Pospíšil J, et al. **Cas Lek Cesk** 112:754-6, 1973 (Eng. Abstr.) (Cze)

[Hemorrhage following 100 prostatectomies done by Millin's method] Davillas N, et al. **J Urol Nephrol (Paris)** 78:821-4, Oct-Nov 72 (Eng. Abstr.) (Fre)

[Inhibition of passive cutaneous anaphylaxis in rats using epsilon-amino-caproic acid] Renoux M, et al. **Pathol Biol (Paris)** 21:173-9, Feb 73 (Eng. Abstr.) (Fre)

[Effect of fibrinolytics and antifibrinolytics on wound healing. Experimental study] Wilde J, et al. **Z Exp Chir** 4:241-7, 1971 (Eng. Abstr.) (Ger)

[Aminocaproic acid electrophoresis in the complex treatment of peptic ulcer] Balashov VI. **Vrach Delo** 12:22-6, Dec 72 (Rus)

[Dental surgery in patients with coagulopathies. 3] Björlin G, et al. **Sven Tandlak Tidskr** 65:411-21, Aug 72 (Eng. Abstr.) (Swe)

ADVERSE EFFECTS

Postoperative blood loss after extracorporeal circulation for heart valve surgery. Garcia JB, et al. **J Thorac Cardiovasc Surg** 65:487-96, Mar 73

[Experimental intravascular blood clotting] Janda R. **Folia Med Cracov** 14:335-456, 1972 (Eng. Abstr.) (Pol)

PHARMACODYNAMICS

Role of fibrin in a model of pregnancy toxemia in the rabbit. Wardle EN, et al. **Am J Obstet Gynecol** 115:17-26, 1 Jan 73

The mechanism of renal glomerular capillary retention of carbon in disseminated intravascular coagulation. Donald KJ, et al. **Am J Pathol** 70:245-52, Feb 73

Induction of the generalized Shwartzman reaction in pregnant and nonpregnant rats by colchicine. Müller-Berghaus G, et al. **Am J Pathol** 69:131-8, Oct 72

Intravascular coagulation and glycerin hemoglobinuric acute renal failure. Wardle EN, et al. **Arch Pathol** 95:271-5, Apr 73

The secretion of fibrinolysin by cultured rat ovarian tumor cells. Yunis AA, et al. **Biochem Biophys Res Commun** 52:1003-12, 8 Jun 73

Fibrin monomer and platelet aggregation in vitro and in vivo. Müller-Berghaus G, et al. **Br J Haematol** 23:177-88, Aug 72

Studies on blood coagulation, fibrinolysis and platelet function following exercise in normal and splenectomized people. Prentice CR, et al. **Br J Haematol** 23:541-52, Nov 72

Effect of combined administration of EACA and heparin on thrombus weight and fibrinolysis. An experimental study. Komatsu K, et al. **Bull Tokyo Med Dent Univ** 20:93-104, Mar 73

The mechanism of action of macrophage migration inhibitory factor (MIF). Pick E, et al. **Int Arch Allergy Appl Immunol** 45:295-8, 1973

Purification of cathepsin D from cartilage and uterus and its action on the protein-polysaccharide complex of cartilage. Woessner JF Jr. **J Biol Chem** 248:1634-42, 10 Mar 73

Degradation of human fibrinogen by plasma alpha2-macroglobulin-enzyme complexes. Harpel PC, et al. **J Clin Invest** 52:2175-84, Sep 73

Plasmin-induced platelet aggregation and platelet release reaction. Effects on hemostasis. Niewiarowski S, et al. **J Clin Invest** 52:1647-59, Jul 73

Plasmin-induced platelet aggregation and platelet release reaction. Effects on hemostasis. Niewiarowski S, et al. **J Clin Invest** 22:1647-59, Jul 73

The fibrinolytic pathway of human plasma. Isolation and characterization of the plasminogen proactivator. Kaplan AP, et al. **J Exp Med** 136:1378-93, 1 Dec 72

Studies on the mechanism of inflammation induced by calcium pyrophosphate crystals. Spilberg I. **J Lab Clin Med** 82:86-91, Jul 73

The induction of thrombosis in guinea pigs by a brain tumor. Odom MH, et al. **Lab Invest** 27:550-4, Dec 72

Ancrod, heparin, and -aminocaproic acid in simian Knowlesi malaria. Reid HA, et al. **Lancet** 2:1110-2, 25 Nov 72

Effects of the administration of catecholamine-depleting drugs on the thyroid function of the rat. Coleoni AH. **Pharmacology** 8:300-10, 1972

Effects of various hemostyptic drugs in rats. Koehnlein HE. **Plast Reconstr Surg** 50:462-6, Nov 72

Failure of heparin, epsilon aminocaproic acid, or both agents to prevent increased fibrinogen levels after endotoxin in rabbits. Logan LJ, et al.
Proc Soc Exp Biol Med 142:321-3, Jan 73

Effect of epsilon-amino-n-caproic acid (EACA) on radiation-induced increase in capillary permeability. Eassa EH, et al. **Radiology** 106:679-88, Mar 73

Inactivation of platelet factor 4 in plasma. Eika C, et al.
Scand J Haematol 9:343-50, 1972

Effect of para-aminomethylbenzoic acid on the post-irradiation disturbance of haemocoagulation in dogs after whole-body exposure to 600 R. Pospíšil J, et al. **Strahlentherapie** 144:728-36, Dec 72

The effects of some synthetic compounds on in vitro fibrinolytic activity measured by different methods and the relevance to activity in vivo. Baillie AJ, et al.
Thromb Diath Haemorrh 28:351-8, 31 Dec 72

Structure-activity relationships for the inhibition of plasmin and plasminogen activation by aromatic diamidines and a study of the effect of plasma proteins on the inhibition process. Geratz JD.
Thromb Diath Haemorrh 29:154-67, 28 Feb 73

Antigen binding strength of T and B lymphocytes after immunization with hapten. Möller E.
Transplant Proc 4:357-60, Sep 72

[Inhibition of passive cutaneous anaphylaxis in rats using epsilon-amino-caproic acid] Renoux M, et al.
Pathol Biol (Paris) 21:173-9, Feb 73 (Eng. Abstr.) **(Fre)**

[Effect of various hemostyptics in animal experiment] Mergard U, et al.
Chirurg 43:411-5, Sep 72 (Eng. Abstr.) **(Ger)**

[Origin and physiological significance of "activated" plasminogen and plasmin for the mobilization of the anticoagulation system] Kudrjaschow BA, et al.
Folia Haematol (Leipz) 98:313-21, 1972 (Eng. Abstr.) **(Ger)**

[Influence of non-immunosuppressive factors on the survival time of skin homotransplants] Stern P.
Folia Haematol (Leipz) 99:106-9, 1973 (Eng. Abstr.) **(Ger)**

[Examination of the kininases in an oncolytic Clostridium (Strain M55ATCC13732) by means of chelate-forming agents] Brantner H, et al.
Pathol Microbiol (Basel) 39:99-106, 1973 (Eng. Abstr.) **(Ger)**

[Effect of fibrinolytics and antifibrinolytics on wound healing. Experimental study] Wilde J, et al.
Z Exp Chir 4:241-7, 1971 (Eng. Abstr.) **(Ger)**

[Atrio-ventricular and intraventricular conduction after administration of trimethoxy-benzoyl--aminocaproic acid in man] Masini G, et al.
Cardiol Prat 24:73-8, 1973 (Eng. Abstr.) **(Ita)**

[Thrombelastographic evaluation of hemocoagulation in acute myocardial infarct treated with sodium 3,4,5 trimethoxybenzoylaminocaproate] Zangara A, et al.
Minerva Med 64:803-11, 21 Mar 73 (Eng. Abstr.) **(Ita)**

[Thrombelastographic evaluation of blood coagulation in acute myocardial infarct treated with 3,4,5 trimethoxybenzoylaminocaproate sodium] Zangara A, et al.
Minerva Med 64:803-11, 21 Mar 73 (Eng. Abstr.) **(Ita)**

[Experimental intravascular blood clotting] Janda R.
Folia Med Cracov 14:335-456, 1972 (Eng. Abstr.) **(Pol)**

[Usefulness of EACA in conditions of fibrinolysis activation in obstetrics and gynecology] Trębicka-Kwiatkowska B, et al.
Wiad Lek 26:297-303, 15 Feb 73 (Eng. Abstr.) **(Pol)**

[Biogenesis of erythropoietin. II. Extrarenal enzymatic mechanisms] Baciu I, et al.
Fiziol Norm Patol 19:127-36, Mar-Apr 73 (Eng. Abstr.) **(Rum)**

[Vascular action of epsilon aminocaproic acid (EAC) in physiological conditions and in endotoxic shock] Mîrza A.
Fiziol Norm Patol 18:245-50, May-Jun 72 (Eng. Abstr.) **(Rum)**

[The origin and physiological importance of activated plasminogen and plasmin in excitation of the anticoagulative system] Kudriashov BA, et al.
Vopr Med Khim 19:136-40, Mar-Apr 73 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Post-operative venous thrombosis. A clinical and experimental study with special reference to early diagnosis, prophylaxis, course and some haematological findings. Becker J.
Acta Chir Scand [Suppl] 431:1-38, 1972

The effect of tranexamic acid (AMCA) on postoperative bleeding after conization. Rybo G, et al.
Acta Obstet Gynecol Scand 51:347-50, 1972

Fibrinolytic activity in lesions of hereditary hemorrhagic telangiectasia. Kwaan HC, et al.
Arch Dermatol 107:571-3, Apr 73

Successful management of a subdural hematoma in a hemophiliac with an anti-factor VIII antibody. Edson JR, et al. **Blood** 41:113-22, Jan 73

Plasma thromboplastin antecedent deficiency. Williams JL. **Br J Oral Surg** 10:126-32, Nov 72

Treatment of acute massive pulmonary embolism by streptokinase during labour and delivery. Hall RJ, et al. **Br Med J** 4:647-9, 16 Dec 72

The hemorrhagic phenomena associated with green pit viper (Trimeresurus erythrurus and Trimeresurus popeorum) bites in children. A report of studies to elucidate their pathogenesis. Mitrakul C, et al.
Clin Pediatr (Phila) 12:215-8, Apr 73

Chandler's thrombi as agents for the assessment of anti-thrombotic drugs in vitro. Lawson DH, et al.
J Clin Pathol 26:452-3, Jun 73

Dental haemorrhage and haemophilia. O'Callaghan DJ, et al. **J Ir Med Assoc** 66:215-7, 28 Apr 73

Epistaxis--topical use of epsilon-aminocaproic acid in its management. Jash DK.
J Laryngol Otol 58:895-8, Sep 73

Monitoring antifibrinolytic therapy in subarachnoid hemorrhage. Smith RR, et al.
J Neurosurg 38:339-44, Mar 73

A new approach to the surgical management of patients with von Willebrand's disease. Westwood RM, et al.
J Oral Surg 31:483-6, Jun 73

Abnormal bleeding after prostatectomy: illustrative cases and review of management. O'Sullivan EF, et al.
Med J Aust 2:1165-9, 18 Nov 72

Fibrinolysis: a possible factor in the control of postoperative hemorrhage in the patient with hemophilia. Bump RL, et al.
Oral Surg 36:195-200, Aug 73

Abnormal fibrinolysis. Bowen-Simpkins P.
Proc R Soc Med 65:865-6, Oct 72

An approach to dental extractions in haemophilia and related bleeding disorders in children. Lurie A, et al.
S Afr Med J 46:1743-6, 11 Nov 72

Factor VIII inhibitor: acquired haemostatic defect in a nonhaemophiliac patient with rheumatoid arthritis. Payne RW, et al. **Scott Med J** 17:310-3, Sep 72

[Fibrinolysis and its inhibition in gynecology] Koutský J, et al.
Cas Lek Cesk 112:72-5, 19 Jan 73 (Eng. Abstr.) **(Cze)**

[Experimental therapy of the post-irradiation blood coagulation disorders] Pospíšil J, et al.
Cas Lek Cesk 112:754-6, 1973 (Eng. Abstr.) **(Cze)**

[Fibrinolysis. Its resurgence during surgery of portal hypertension] Guilmet C, et al.
Nouv Presse Med 1:2023-4, 9 Sep 72 **(Fre)**

[Fatal fibrinolysis after concentration-reinjection of ascitic fluid] Klepping C, et al.
Nouv Presse Med 2:999, 14 Apr 73 **(Fre)**

[Coagulation disorders during continuous reinjections of ascitic fluid. Fibrinolysis or intravascular coagulation?] Levy VG, et al.
Nouv Presse Med 2:446, 17 Feb 73 **(Fre)**

[Acute disseminated intravascular coagulation in an obstetrical unit. Study of 9 cases. Diagnostic criteria. Therapeutic management] Cornu P, et al.
Sem Hop Paris 49:1419-28, 26 Apr 73 (Eng. Abstr.) **(Fre)**

[Hemoptysis revealing adrenal gland cancer with fibrinolytic activity] Testart J, et al.
Sem Hop Paris 49:1243-6, 8 Apr 73 (Eng. Abstr.) **(Fre)**

[Diagnosis and therapy of blood coagulation disorders in obstetrics and gynecology] Felder KD.
Med Klin 67:1220-6, 22 Sep 72 **(Ger)**

[Thrombelastographic evaluation of hemocoagulation in acute myocardial infarct treated with sodium 3,4,5 trimethoxybenzoylaminocaproate] Zangara A, et al.
Minerva Med 64:803-11, 21 Mar 73 (Eng. Abstr.) **(Ita)**

[Prevention of bleeding following enucleation of prostatic adenoma in the light of thrombelastography and treatment by means of amino caproic acid (EACA)] Jasiński Z, et al.
Pol Przegl Chir 44:Suppl:1599-602, Oct 72 (Eng. Abstr.) **(Pol)**

[Effect of aminocaproic acid (EACA) on the course of experimentally induced acute pancreatitis in white rats] Szyszka K, et al.
Pol Przegl Chir 45:115-9, Feb 73 (Eng. Abstr.) **(Pol)**

[Schedule for diagnostic-therapeutic management of

hemorrhagic diathesis] Sulek K.
Wiad Lek 26:417-22, 1 Mar 73 (20 ref.) **(Pol)**
[Usefulness of EACA in conditions of fibrinolysis activation in obstetrics and gynecology] Trębicka-Kwiatkowska B, et al.
Wiad Lek 26:297-303, 15 Feb 73 (Eng. Abstr.) **(Pol)**
[Antifibrinolytic agents and extracorporeal circulation] Gomes OM, et al.
Rev Hosp Clin Fac Med Sao Paulo 27:209-13, Sep-Oct 72 (Eng. Abstr.) **(Por)**
[Aminocaproic acid electrophoresis in the complex treatment of peptic ulcer] Balashov VI.
Vrach Delo 12:22-6, Dec 72 **(Rus)**
[Dental surgery in patients with coagulopathies. 3] Björlin G, et al.
Sven Tandlak Tidskr 65:411-21, Aug 72 (Eng. Abstr.) **(Swe)**

ANGIOMA, SCLEROSING

A case of juvenile angiofibroma. Parker R.
Arch Otolaryngol 98:129-30, Aug 73
The juvenile angiofibroma of the nasopharynx. Mokhtar M, et al. **J Egypt Med Assoc** 55:692-703, 1972
Juvenile nasopharyngeal angiofibroma. Hicks JL, et al.
Oral Surg 35:807-17, Jun 73 (18 ref.)

COMPLICATIONS

Surgical treatment of invasive angiofibroma. English GM, et al. **Arch Otolaryngol** 96:312-8, Oct 72
[Posttraumatic orbital meningocele] Jähne M.
Klin Monatsbl Augenheilkd 162:681-5, May 73 (Eng. Abstr.) **(Ger)**

DIAGNOSIS

Juvenile nasopharyngeal angiofibroma: report of a case. Schoelzel EP. **Ann Allergy** 29:148-53, Mar 71
A case of juvenile angiofibroma. Parker R.
Arch Otolaryngol 98:129-30, Aug 73
Pigmented skin tumors. Davis NC, et al.
CA 23:160-70, May-Jun 73
Juvenile nasopharyngeal angiofibroma. Hicks JL, et al.
Oral Surg 35:807-17, Jun 73 (18 ref.)
Juvenile nasopharyngeal haemangiofibroma. Seid AB, et al. **S Afr Med J** 46:517-8, 22 Apr 72
[Nevo-xantho-endothelioma in the adult] Hadida E, et al. **Bull Soc Fr Dermatol Syphiligr** 79:285-6, 1972 **(Fre)**
[Angiofibroma of the cecum] Gebhardt C, et al.
Bruns Beitr Klin Chir 219:589-91, 1972 (Eng. Abstr.) **(Ger)**
[Symptoms and therapy of juvenile nasopharyngeal fibroma in childhood] Pfretzschner C, et al.
Kinderaerztl Prax 40:49-53, Feb 72 **(Ger)**
[Posttraumatic orbital meningocele] Jähne M.
Klin Monatsbl Augenheilkd 162:681-5, May 73 (Eng. Abstr.) **(Ger)**
[Neurologic symptoms in juvenile angiofibromas of the base of the skull] Manuilov EN, et al.
Vestn Otorinolaringol 34:68-73, Jul-May 73 (Eng. Abstr.) **(Rus)**
[Angiochondrofibroma of the maxillary sinus] Usachev IS.
Zh Ushn Nos Gorl Bolezn 32:100-1, Mar-Apr 72 **(Rus)**

DRUG THERAPY

Surgical treatment of juvenile nasopharyngeal angiofibroma. Jafek BW, et al.
Laryngoscope 83:707-20, May 73
Management of nasopharyngeal angiofibroma. Wallke JW, et al.
Trans Am Acad Ophthalmol Otolaryngol 76:1346-53, Sep-Oct 72

ETIOLOGY

Electron microscopic study of so-called "pulmonary sclerosing hemangioma". Report of a case suggesting epithelial origin. Hill GS, et al.
Cancer 30:1092-106, Oct 72
'Sclerosing haemangioma' of the lung: an alternative view of its development. Kennedy A.
J Clin Pathol 26:390, May 73

PATHOLOGY

Electron microscopic study of so-called "pulmonary sclerosing hemangioma". Report of a case suggesting epithelial origin. Hill GS, et al.
Cancer 30:1092-106, Oct 72
Juvenile nasopharyngeal angiofibroma. Shapiro SL.
Eye Ear Nose Throat Mon 51:482-6, Dec 72
Pathology of the adventitial dermis. Anatomic observations and biologic speculations. Reed RJ, et al.
Hum Pathol 4:207-17, Jun 73
Surgical treatment of juvenile nasopharyngeal angiofibroma. Jafek BW, et al.
Laryngoscope 83:707-20, May 73
Juvenile nasopharyngeal angiofibroma. Hicks JL, et al.
Oral Surg 35:807-17, Jun 73 (18 ref.)
Management of nasopharyngeal angiofibroma. Wallke JW, et al.
Trans Am Acad Ophthalmol Otolaryngol 76:1346-53, Sep-Oct 72
[Angiochondrofibroma of the maxillary sinus] Usachev IS.
Zh Ushn Nos Gorl Bolezn 32:100-1, Mar-Apr 72 **(Rus)**

RADIOGRAPHY

Surgical treatment of invasive angiofibroma. English GM, et al. **Arch Otolaryngol** 96:312-8, Oct 72
A case of juvenile angiofibroma. Parker R.
Arch Otolaryngol 98:129-30, Aug 73
Roentgen diagnosis of naso-pharyngeal masses. Gupta SK, et al. **Australas Radiol** 17:14-8, Mar 73
Neuroradiology of juxtasellar mass lesions. Lee KF, et al. **CRC Crit Rev Radiol Sci** 3:105-69, Jan 72
The juvenile angiofibroma of the nasopharynx. Mokhtar M, et al. **J Egypt Med Assoc** 55:692-703, 1972
Radiographic evaluation of the prevertebral space. Cole TB, et al. **Laryngoscope** 83:721-32, May 73
The angiographic appearance of nasopharyngeal carcinoma. Soo YS, et al. **Med J Aust** 2:1297-9, 2 Dec 72
E.N.T. case of the month. Miglets AW Jr.
Ohio State Med J 68:854 passim, Sep 72
Juvenile nasopharyngeal angiofibroma. Hicks JL, et al.
Oral Surg 35:807-17, Jun 73 (18 ref.)
Management of nasopharyngeal angiofibroma. Wallke JW, et al.
Trans Am Acad Ophthalmol Otolaryngol 76:1346-53, Sep-Oct 72
[Facial angiography in neoplasms of the ear, nose and throat] Pogosov VS, et al.
Vestn Otorinolaringol 34:62-8, Jul-May 73 (Eng. Abstr.) **(Rus)**

RADIOTHERAPY

Juvenile nasopharyngeal angiofibroma: report of a case. Schoelzel EP. **Ann Allergy** 29:148-53, Mar 71
A case of juvenile angiofibroma. Parker R.
Arch Otolaryngol 98:129-30, Aug 73

SURGERY

Surgical treatment of invasive angiofibroma. English GM, et al. **Arch Otolaryngol** 96:312-8, Oct 72
A case of juvenile angiofibroma. Parker R.
Arch Otolaryngol 98:129-30, Aug 73
Surgical treatment of juvenile nasopharyngeal angiofibroma. Jafek BW, et al.
Laryngoscope 83:707-20, May 73
Juvenile nasopharyngeal haemangiofibroma. Seid AB, et al. **S Afr Med J** 46:517-8, 22 Apr 72
Management of nasopharyngeal angiofibroma. Wallke JW, et al.
Trans Am Acad Ophthalmol Otolaryngol 76:1346-53, Sep-Oct 72
[Angiofibroma of the cecum] Gebhardt C, et al.
Bruns Beitr Klin Chir 219:589-91, 1972 (Eng. Abstr.) **(Ger)**
[Symptoms and therapy of juvenile nasopharyngeal fibroma in childhood] Pfretzschner C, et al.
Kinderaerztl Prax 40:49-53, Feb 72 **(Ger)**
[Case of mediastinal hemangiofibroma] Koga A, et al.
Jap J Thorac Surg 26:331-4, May 73 **(Jap)**

THERAPY

Management of nasopharyngeal angiofibroma. Wallke JW, et al.
Trans Am Acad Ophthalmol Otolaryngol 76:1346-53, Sep-Oct 72

ANGIOMATOSIS

Cystic angiomatosis of bone. A report of three cases and review of the literature. Boyle WJ.
J Bone Joint Surg [Br] 54:626-36, Nov 72

Neonatal dermatology. 3. Pigmentary lesions and hemangiomas. Esterly NB, et al.
J Pediatr 81:1003-13, Nov 72 (33 ref.)

Primary diseases of the cerebral blood vessels. George AE, et al. **Semin Roentgenol 6:34-47, Jan 71**

[Malformation of the external ear and angiolelomyoma of the parapharynx--syndrome of the 1st and 2d branchial arch] Dvořák J, et al.
Cesk Stomatol 72:404-9, Nov 72 (Eng. Abstr.) (Cze)

[Case of multinodular hemangiomatosis of the liver with favorable outcome] Verger P, et al.
Arch Fr Pediatr 29:1115-6, Dec 72 (Fre)

[Angiomatosis and retinal malformations] Babel PJ.
Bull Soc Ophtalmol Fr 72:65-74, Jan 72 (Fre)

[A case of diffuse and extensive angiomatosis of the skeleton] Desproges-Gotteron R, et al.
Rev Rhum Mal Osteoartic 39:306-11, Apr 72 (Fre)

[Nomenclature of dyschondroplasia] Zwerina H.
Z Orthop 110:659-62, Oct 72 (Eng. Abstr.) (Ger)

[A mixed form of Sturge-Weber and Klippel-Trenaunay disease] Quattrini A, et al.
Riv Neurobiol 17:415-26, Jul-Dec 71 (Eng. Abstr.) (Ita)

[Syndromes of Sturge-Weber and Klippel-Weber in a single patient] Takahashi Y, et al.
Clin Neurol (Tokyo) 12:578-83, Nov 72 (Eng. Abstr.) (Jap)

[Klippel-Trenaunay syndrome] López Sánchez A, et al.
Rev Clin Esp 129:211-4, 30 Apr 73 (Spa)

COMPLICATIONS

Renal angiomatosis with fatal perirenal haemorrhage. Case report. Seppälä A, et al.
Acta Chir Scand 138:636-8, 1972

Adenoma sebaceum in encephalofacial angiomatosis (Sturge-Weber syndrome). Solomon LM, et al.
Acta Derm Venereol (Stockh) 52:386-8, 1972

Dyschondroplasia. Miller M.
Arch Dermatol 106:587-9, Oct 72

Klippel-Trenaunay-Weber syndrome with pulmonary vein varicosity. Owens DW, et al.
Arch Dermatol 108:111-3, Jul 73

Dyschondroplasia and haemangiomata (Maffucci's syndrome). Report of a case with oral and intracranial lesions. Kennedy JG. **Br Dent J 135:18-21, 3 Jul 73**

Familial capillaro-venous leptomeningeal angiomatosis. Martin JJ, et al.
Eur Neurol 9:202-15, 1973

The phakomatoses. Font RL, et al.
Int Ophthalmol Clin 12:1-50, Spring 72 (52 ref.)

Congenital agenesia of the deep veins of the lower extremities: surgical treatment. Belov S.
J Cardiovasc Surg (Torino) 13:594-8, Nov-Dec 72

Angio-osteohypertrophy syndrome with fibrous dysplasia. Dantas C. **J Laryngol Otol 87:77-83, Jan 73**

Pelvic arteriography in the diagnosis of hemangioma of the bladder. Esguerra A, et al. **J Urol 109:609-11, Apr 73**

Surgical therapy of typical and a forme fruste variety of the Sturge-Weber syndrome. Rasmussen T, et al.
Schweiz Arch Neurol Neurochir Psychiatr 111:393-409, 1972

[Chorioangioma placentae and hydramnios] Wallenburg HC.
Ned Tijdschr Geneeskd 116:2135-40, 18 Nov 72 (Dut)

[Association of a diffuse skin and digestive angiomatosis (blue rubber bleb nevus syndrome) and of splenic arteriovenous fistula. Case report; review of literature] Ectors P, et al.
Acta Gastroenterol Belg 35:384-94, Sep 72 (Eng. Abstr.) (Fre)

[Case of multinodular hemangiomatosis of the liver with favorable outcome] Verger P, et al.
Arch Fr Pediatr 29:1115-6, Dec 72 (Fre)

[Role of injury in various syndromes of supposedly non-traumatic arteriovenous fistulas of the limbs] Bourde C. **Lyon Chir 68:363, Sep-Oct 72 (Fre)**

[Successive bilateral pheochromocytoma associated with Von Hippel Lindau disease] Lena A, et al.
Nouv Presse Med 2:81-6, 13 Jan 73 (Eng. Abstr.) (Fre)

[Therapeutic attitude in Klippel-Trenaunay syndrome] Milleret PG.
Phlebologie 26:47-53, Jan-Mar 73 (Eng. Abstr.) (Fre)

[The neuropathology of childhood cerebral hemiplegia] Lyon G.
Rev Electroencephalogr Neurophysiol Clin 2:87-94, Jan-Mar 72 (Fre)

[Meningo-cerebral hemorrhage. (Frequency, etiology)] Werner A.
Schweiz Arch Neurol Neurochir Psychiatr 111:485-92, 1972 (Eng. Abstr.) (Fre)

["Hemophilic" knee joint with Klippel-Trenaunays disease] Groh P.
Arch Orthop Unfallchir 76:9-13, 1973 (Eng. Abstr.) (Ger)

[Diffuse leukoangiomatoses in hereditary imbecility] Hori A, et al.
Arch Psychiatr Nervenkr 216:277-86, 1972 (Eng. Abstr.) (Ger)

[Klippel-Trenaunay syndrome] Schlegel KF.
Dtsch Med Wochenschr 98:229, 2 Feb 73 (Ger)

[Lymphatic flow disorders in Klippel-Trénaunay-Parkes-Weber syndrome. Isotope lymphographic studies] Pevny I, et al.
Hautarzt 24:58-62, Feb 73 (Ger)

[Spinal angioma with paraplegia in a case of Klippel-Trenaunay-Syndrome] Förster C, et al.
Neuropaediatrie 4:180-6, Apr 73 (Ger)

[Diagnosis of the consumption coagulopathy] Fischer M.
Wien Klin Wochenschr 85:319-23, 4 May 73 (Eng. Abstr.) (Ger)

[Consumption coagulopathy in patients with Klippel-Trenaunay syndrome] Fischer M, et al.
Wien Klin Wochenschr 85:207-12, 30 Mar 73 (Eng. Abstr.) (Ger)

[Klippel-Trenaunay-Parkes-Weber syndrome with respiratory insufficiency due to thromboembolic vascular occlusion of the lung] Fritzsche H, et al.
Wien Z Inn Med 53:368-73, 1972 (Eng. Abstr.) (Ger)

[Lymphography in angiodysplasia of the extremities] Biasi G, et al.
Minerva Chir 28:918-25, 1973 (Eng. Abstr.) (Ita)

[Case of Maffucci's syndrome] Jingu K, et al.
Jap J Clin Radiol 18:281-6, Apr 73 (Jap)

[Hippel-Lindau syndrome with conus medullaris glioma] Gajkowski K, et al.
Neurol Neurochir Pol 7:443-7, May-Jun 73 (Eng. Abstr.) (Pol)

[Periodic epistaxis in a 5-year-old boy with Sturge-Weber syndrome] Muszyńska B, et al.
Otolaryngol Pol 26:341-3, 1972 (Pol)

CONGENITAL

[Renal cirsoid angiomatosis (contribution to the study of so-called essential hematuria)] Suhler A, et al.
J Urol Nephrol (Paris) 78:181-8, Mar 72 (Eng. Abstr.) (Fre)

[Congenital angiodysplasia of the extremities] Litmanovitch YI.
Harefuah 84:381-5, 1 Apr 73 (Eng. Abstr.) (Heb)

[Congenital arteriovenous fistula] Casas M.
Angiologia 24:245-8, Sep-Oct 72 (Eng. Abstr.) (Spa)

DIAGNOSIS

Sturge-Weber syndrome: an infrared thermographic and an angiographic study. Ide CH, et al.
Ann Ophthalmol 5:678-83, Jun 73

Fluorescein angiography: case presentation. Landers MB 3d. **Ann Ophthalmol 5:436-42, Apr 73**

Coats disease. A condition that may mimic the Sturge-Weber syndrome. Allen HB, et al.
Arch Dermatol 108:413-5, Sep 73

Cystic angiomatosis of bone. A report of three cases and review of the literature. Boyle WJ.
J Bone Joint Surg [Br] 54:626-36, Nov 72

Brain scanning in children. Mishkin F.
Semin Nucl Med 2:328-42, Oct 72 (33 ref.)

Macroaneurysms of the retinal arteries. Robertson DM.
Trans Am Acad Ophthalmol Otolaryngol 77:op55-67, Jan-Feb 73

[Hippel-Lindau angiomatosis, hamartoma, hereditary multiple tumor disease] Appelmans M, et al.
Arch Ophtalmol (Paris) 32:521-30, Aug-Sep 72 (Eng. Abstr.) (Fre)

[Value of early detection by phlebography of venous abnormalities with voluminous angiomas in newborns and very young infants] Desmons F, et al.
Bull Soc Fr Dermatol Syphiligr 79:523-6, 1972 (Fre)

[Recurrent multiple angiomas] Kalis B, et al.
Bull Soc Fr Dermatol Syphiligr 79:205, 1972 (Fre)

[Glomangiomatosis] Texier L, et al.
Bull Soc Fr Dermatol Syphiligr 79:510-1, 1972 (Fre)

[Successive bilateral pheochromocytoma associated with Von Hippel Lindau disease] Lena A, et al. **Nouv Presse Med** 2:81-6, 13 Jan 73 (Eng. Abstr.) **(Fre)**

[Therapeutic attitude in Klippel-Trenaunay syndrome] Milleret PG. **Phlebologie** 26:47-53, Jan-Mar 73 (Eng. Abstr.) **(Fre)**

[Patient demonstrations] Thies W. **Arch Dermatol Forsch** 244:568-604, 1972 **(Ger)**

[Quadrant dystrophy with vascular anomalies. Klippel-Trenaunay syndrome] Ippen H. **Dtsch Med Wochenschr** 98:682, 20 Mar 73 **(Ger)**

[Klippel-Trenauney syndrome and console radius] Steinhäuser J, et al. **Handchirurgie** 4:89-94, 1972 (Eng. Abstr.) **(Ger)**

[Unilateral enchondromatosis with multiple lymphangiokeratomas. Nosology of Maffucci's syndrome] Raff M, et al. **Hautarzt** 24:309-13, Jul 73 **(Ger)**

[Phlebangiomatosis] Schönenberg H, et al. **Klin Paediatr** 184:415-9, Sep 72 (Eng. Abstr.) **(Ger)**

[Klippel-Trenaunay-Weber syndrome] Schönenberg H, et al. **Klin Paediatr** 184:449-60, Nov 72 (Eng. Abstr.) **(Ger)**

[Familial occurrence of solitary angioblastoma of the cerebellum and its relationship with von Hippel-Lindau disease] Fornatto L, et al. **Acta Neurol (Napoli)** 27:286-90, May-Jun 72 (Eng. Abstr.) **(Ita)**

[Differential diagnosis of developmental anomalies of the retina] Tost M. **Klin Oczna** 43:715-21, Jun 73 (Eng. Abstr.) **(Pol)**

[Klippel-Trenaunay syndrome in a 14-year-old boy] Halski H, et al. **Pediatr Pol** 48:901-3, Jul 73 **(Pol)**

[Hippel-Lindau disease. Findings in the course of fluorescein angiography] Kierzkowska A, et al. **Wiad Lek** 26:79-85, 1 Jan 73 **(Pol)**

[Diagnostic significance of fluorescent angiography in retinal angiomatosis] Saldan IR. **Oftalmol Zh** 27:447-8, 1972 (Eng. Abstr.) **(Rus)**

EMBRYOLOGY

Surgical therapy of typical and a forme fruste variety of the Sturge-Weber syndrome. Rasmussen T, et al. **Schweiz Arch Neurol Neurochir Psychiatr** 111:393-409, 1972

[Congenital angiodysplasia of the extremities] Litmanovitch YI. **Harefuah** 84:381-5, 1 Apr 73 (Eng. Abstr.) **(Heb)**

ETIOLOGY

Congenital dysplastic angiectasis and related syndromes. Hockly RG. **S Afr Med J** 46:720-8, 3 Jun 72

[Recurrent multiple angiomas] Kalis B, et al. **Bull Soc Fr Dermatol Syphiligr** 79:205, 1972 **(Fre)**

[A case of diffuse and extensive angiomatosis of the skeleton] Desproges-Gotteron R, et al. **Rev Rhum Mal Osteoartic** 39:306-11, Apr 72 **(Fre)**

[Klippel-Trenaunay syndrome] Naranjo J. **Angiologia** 24:297-301, Nov-Dec 72 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

Cryotherapy for retinal angiomatosis: a clinico-pathologic report. Watzke RC. **Doc Ophthalmol** 34:405-11, 21 Feb 73

Familial capillaro-venous leptomeningeal angiomatosis. Martin JJ, et al. **Eur Neurol** 9:202-15, 1973

A prospective study on Von Hippel-Lindau disease. Richards RD, et al. **J Urol** 110:27-30, Jul 73

[Hippel-Lindau angiomatosis, hamartoma, hereditary multiple tumor disease] Appelmans M, et al. **Arch Ophtalmol (Paris)** 32:521-30, Aug-Sep 72 (Eng. Abstr.) **(Fre)**

MORTALITY

Renal angiomatosis with fatal perirenal haemorrhage. Case report. Seppälä A, et al. **Acta Chir Scand** 138:636-8, 1972

PATHOLOGY

Adenoma sebaceum in encephalofacial angiomatosis (Sturge-Weber syndrome). Solomon LM, et al. **Acta Derm Venereol (Stockh)** 52:386-8, 1972

Recto-sigmoid angiomatosis. Dubarry JJ, et al. **Am J Proctol** 23:401-3, Oct 72

Diffuse cystic angiomatosis of bone. Report of two cases. Brower AC, et al. **Am J Roentgenol Radium Ther Nucl Med** 118:456-63, Jun 73

Cryotherapy for retinal angiomatosis: a clinico-pathologic report. Watzke RC. **Doc Ophthalmol** 34:405-11, 21 Feb 73

Familial capillaro-venous leptomeningeal angiomatosis. Martin JJ, et al. **Eur Neurol** 9:202-15, 1973

Cystic angiomatosis of bone. A report of three cases and review of the literature. Boyle WJ. **J Bone Joint Surg [Br]** 54:626-36, Nov 72

Congenital dysplastic angiectasis and related syndromes. Hockly RG. **S Afr Med J** 46:720-8, 3 Jun 72

Surgical therapy of typical and a forme fruste variety of the Sturge-Weber syndrome. Rasmussen T, et al. **Schweiz Arch Neurol Neurochir Psychiatr** 111:393-409, 1972

[Case of multinodular hemangiomatosis of the liver with favorable outcome] Verger P, et al. **Arch Fr Pediatr** 29:1115-6, Dec 72 **(Fre)**

[Renal cirsoid angiomatosis (contribution to the study of so-called essential hematuria)] Suhler A, et al. **J Urol Nephrol (Paris)** 78:181-8, Mar 72 (Eng. Abstr.) **(Fre)**

[A case of diffuse and extensive angiomatosis of the skeleton] Desproges-Gotteron R, et al. **Rev Rhum Mal Osteoartic** 39:306-11, Apr 72 **(Fre)**

[Diffuse leukoangiomatoses in hereditary imbecility] Hori A, et al. **Arch Psychiatr Nervenkr** 216:277-86, 1972 (Eng. Abstr.) **(Ger)**

[Phlebangiomatosis] Schönenberg H, et al. **Klin Paediatr** 184:415-9, Sep 72 (Eng. Abstr.) **(Ger)**

[Spinal angioma with paraplegia in a case of Klippel-Trenaunay-Syndrome] Förster C, et al. **Neuropaediatrie** 4:180-6, Apr 73 **(Ger)**

[Consumption coagulopathy in patients with Klippel-Trenaunay syndrome] Fischer M, et al. **Wien Klin Wochenschr** 85:207-12, 30 Mar 73 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Limb blood flow in congenital arteriovenous fistula. Yao ST, et al. **Surgery** 73:80-4, Jan 73

RADIOGRAPHY

Diffuse cystic angiomatosis of bone. Report of two cases. Brower AC, et al. **Am J Roentgenol Radium Ther Nucl Med** 118:456-63, Jun 73

Klippel-Trenaunay-Weber syndrome with pulmonary vein varicosity. Owens DW, et al. **Arch Dermatol** 108:111-3, Jul 73

Cystic angiomatosis of bone. A report of three cases and review of the literature. Boyle WJ. **J Bone Joint Surg [Br]** 54:626-36, Nov 72

Selective spinal angiography in multiple CNS lesions. Dilenge D, et al. **J Can Assoc Radiol** 24:178-83, Jun 73

Congenital agenesia of the deep veins of the lower extremities: surgical treatment. Belov S. **J Cardiovasc Surg (Torino)** 13:594-8, Nov-Dec 72

A prospective study on Von Hippel-Lindau disease. Richards RD, et al. **J Urol** 110:27-30, Jul 73

Gyriform calcifications following encephalitis. Williams JP, et al. **Neuroradiology** 4:57-9, Jun 72

[Association of a diffuse skin and digestive angiomatosis (blue rubber bleb nevus syndrome) and of splenic arteriovenous fistula. Case report; review of literature] Ectors P, et al. **Acta Gastroenterol Belg** 35:384-94, Sep 72 (Eng. Abstr.) **(Fre)**

[Radiological aspects of congenital venous dysplasia of the lower limbs] Hoeffel JC, et al. **J Belge Radiol** 56:111-9, Mar-Apr 73 (Eng. Abstr.) **(Fre)**

[A case of diffuse and extensive angiomatosis of the skeleton] Desproges-Gotteron R, et al. **Rev Rhum Mal Osteoartic** 39:306-11, Apr 72 **(Fre)**

[Klippel-Trenauney syndrome and console radius] Steinhäuser J, et al. **Handchirurgie** 4:89-94, 1972 (Eng. Abstr.) **(Ger)**

[Klippel-Trenaunay-Weber syndrome] Schönenberg H, et al. **Klin Paediatr** 184:449-60, Nov 72 (Eng. Abstr.) **(Ger)**

[Case of Maffucci's syndrome] Jingu K, et al. **Jap J Clin Radiol** 18:281-6, Apr 73 **(Jap)**

[3 cases of Sturge-Weber disease] Kalenik NI. **Vestn Rentgenol Radiol 47:92-3, Jul-Aug 72 (Rus)**

SURGERY

Fluorescein angiography: case presentation. Landers MB 3d. **Ann Ophthalmol 5:436-42, Apr 73**

Cryotherapy for retinal angiomatosis: a clinico-pathologic report. Watzke RC. **Doc Ophthalmol 34:405-11, 21 Feb 73**

Angio-osteohypertrophy syndrome with fibrous dysplasia. Dantas C. **J Laryngol Otol 87:77-83, Jan 73**

A prospective study on Von Hippel-Lindau disease. Richards RD, et al. **J Urol 110:27-30, Jul 73**

Surgical therapy of typical and a forme fruste variety of the Sturge-Weber syndrome. Rasmussen T, et al. **Schweiz Arch Neurol Neurochir Psychiatr 111:393-409, 1972**

The treatment of vascular retinal lesions. Fison L. **Trans Am Acad Ophthalmol Otolaryngol 77:op25-6, Jan-Feb 73**

Subtotal vitrectomy through the pars plana. Machemer R. **Trans Am Acad Ophthalmol Otolaryngol 77:op198-201, Mar-Apr 73**

[Association of a diffuse skin and digestive angiomatosis (blue rubber bleb nevus syndrome) and of splenic arteriovenous fistula. Case report; review of literature] Ectors P, et al. **Acta Gastroenterol Belg 35:384-94, Sep 72 (Eng. Abstr.) (Fre)**

[Value of early detection by phlebography of venous abnormalities with voluminous angiomas in newborns and very young infants] Desmons F, et al. **Bull Soc Fr Dermatol Syphiligr 79:523-6, 1972 (Fre)**

[Therapeutic attitude in Klippel-Trenaunay syndrome] Milleret PG. **Phlebologie 26:47-53, Jan-Mar 73 (Eng. Abstr.) (Fre)**

[Klippel-Trenaunay syndrome] Schlegel KF. **Dtsch Med Wochenschr 98:229, 2 Feb 73 (Ger)**

[Phlebangiomatosis] Schönenberg H, et al. **Klin Paediatr 184:415-9, Sep 72 (Eng. Abstr.) (Ger)**

[Spinal angioma with paraplegia in a case of Klippel-Trenaunay-Syndrome] Förster C, et al. **Neuropaediatrie 4:180-6, Apr 73 (Ger)**

[Consumption coagulopathy in patients with Klippel-Trenaunay syndrome] Fischer M, et al. **Wien Klin Wochenschr 85:207-12, 30 Mar 73 (Eng. Abstr.) (Ger)**

[Klippel-Trenaunay syndrome] Naranjo J. **Angiologia 24:297-301, Nov-Dec 72 (Eng. Abstr.) (Spa)**

THERAPY

Treatment of macular detachments. Harris GS. **Can J Ophthalmol 8:317-29, Apr 73**

The treatment of vascular retinal lesions. Fison L. **Trans Am Acad Ophthalmol Otolaryngol 77:op25-6, Jan-Feb 73**

[Porto-reno-caval anastomoses. Efficient and reversible portal decompression] Colin R. **Ann Chir 27:322-5, Mar 73 (Fre)**

[Hippel-Lindau angiomatosis, hamartoma, hereditary multiple tumor disease] Appelmans M, et al. **Arch Ophtalmol (Paris) 32:521-30, Aug-Sep 72 (Eng. Abstr.) (Fre)**

[Therapeutic attitude in Klippel-Trenaunay syndrome] Milleret PG. **Phlebologie 26:47-53, Jan-Mar 73 (Eng. Abstr.) (Fre)**

[Pulmonary infiltrates due to leuko-agglutinins] Waldvogel FA, et al. **Rev Tuberc Pneumol (Paris) 36:952-7, Sep-Oct 72 (Eng. Abstr.) (Fre)**

ANTICOAGULANTS

Significance and comparison of two methods for platelet aggregation. Coccheri S, et al. **Adv Exp Med Biol 34:97-121, 1972**

The critical evaluation of thromboplastin. Ziegler FD, et al. **Ann Clin Lab Sci 2:16-25, Jan-Feb 72 (69 ref.)**

Heparin-bound aminoethylcellulose as an antithrombogenic surface. Rittenhouse EA, et al. **Arch Surg 105:752-5, Nov 72**

Heparin-bound aminoethylcellulose as an antithrombogenic surface. Rittenhouse EA, et al. **Arch Surg 104:752-5, Nov 72**

Conformational changes of IRC-50 arvin at high pH. Collins JP. **Biochem J 128:132P, Jul 72**

Purification and properties of the anticoagulant principle of Agkistrodon acutus venom. Ouyang C, et al. **Biochim Biophys Acta 278:155-62, 31 Aug 72**

Prostaglandin E1 and platelets. Bousser MG. **Biomedicine 18:95-102, Mar 73 (63 ref.)**

Prolonged left-heart by-pass without anticoagulation. Gray CR, et al. **Br J Surg 59:914, Nov 72**

Interactions of benzodiazepines with warfarin. Orme M, et al. **Br Med J 3:611-4, 9 Sep 72**

Effect of combined administration of EACA and heparin on thrombus weight and fibrinolysis. An experimental study. Komatsu K, et al. **Bull Tokyo Med Dent Univ 20:93-104, Mar 73**

A review of anticoagulant rodenticides in current use. Bentley EW. **Bull WHO 47:275-80, 1972 (35 ref.)**

The detection of rodent resistance to anticoagulants. Drummond DC, et al. **Bull WHO 48:239-42, 1973**

Rodent resistance to the anticoagulant rodenticides, with particular reference to Denmark. Lund M. **Bull WHO 47:611-8, 1972**

Thrombosis on prosthetic surfaces: a review of etiologic factors and preventive measures. Foster ED, et al. **Can J Surg 15:339-49, Nov 72**

The oxygen dissociation curve and multiple transfusions of ACD blood. Miller RD. **Clin Anesth 9:43-52, 1972**

Accumulation of di-2-ethylhexyl phthalate (DEHP) in whole blood, platelet concentrates, and platelet-poor plasma. 1. Effect of DEHP on platelet survival and function. Valeri CR, et al. **Environ Health Perspect 3:103-18, Jan 73**

Membranous obstruction of the suprahepatic segment of the inferior vena cava. Diagnostic and therapeutic considerations; the importance of anticoagulation. Gips CH, et al. **Folia Med Neerl 15:228-39, 1972**

Effect of temperature on survivability of bacteria in blood in vitro in presence of anticoagulants. Gupta KG, et al. **Indian J Exp Biol 10:122-4, Mar 72**

A comparison of the TRCII and latex-particle tests for the titration of FR-antigen. Arocha-Piñango CL. **J Clin Pathol 25:757-61, Sep 72**

The effect of dextran sulphate on the survival and multiplication of bacteria in the blood. Potužník V. **J Hyg Epidemiol Microbiol Immunol (Praha) 16:293-302, 1972**

Review: method of separating human blood lymphoid cell populations. Denman AM. **J Immunol Methods 2:331-51, Jun 73**

Scientific advances in transfusion. O'Riordan JP. **J Ir Med Assoc 66:27-36, 27 Jan 73 (29 ref.)**

Anticoagulant activity of glycol analogs of phosphatidylserine. Turner DL, et al. **Lipids 7:680-2, Oct 72**

A quality control system for the Coulter counter model S. Parnell DH. **Med Lab Technol 29:401-4, Oct 72**

The prothrombin-activating principle from Echis carinatus venom. II. Coagulation studies in vitro and in vivo. Schieck A, et al. **Naunyn Schmiedebergs Arch Pharmacol 274:7-17, 1972**

Diet, drugs and dialysis in the management of chronic renal failure. Blagg CR, et al. **Prog Biochem Pharmacol 7:452-97, 1972 (102 ref.)**

The interaction of blood hemostitic elements with aritificial surfaces. Mason RG. **Prog Hemostasis Thromb 1:141-64, 1972 (166 ref.)**

Immunologic studies in haemophilia A. Holmberg L, et al. **Scand J Haematol 10:12-6, 1973**

Aortic valve replacement: two years' experience with the Björk-Shiley tilting-disc prosthesis. Messmer BJ, et al. **Surgery 72:722-9, Nov 72**

Stroma-free hemoglobin. I. Preparation and observations on in vitro changes in coagulation. Moss GS, et al. **Surgery 74:198-203, Aug 73**

Hepatitis B antigen (HB Ag) and antibody (anti-HB Ag) in cold ethanol fractions of human plasma. Holland PV, et al. **Transfusion 12:363-70, Nov-Dec 72**

Leukocyte contamination of red cells in leukocyte-poor and frozen-deglycerolized units. Perkins HA, et al. **Transfusion 13:194-9, Jul-Aug 73**

On the regulatory agencies and their functions. Surgenor DM. **Vox Sang 23:68-71, Jul-Aug 72**

Development of plasma derivatives for clinical use. Tullis JL. **Vox Sang 23:3-9, Jul-Aug 72**

Contributions to the optimal use of human blood. I. Analysis and optimalization of the production of plasma protein fraction (PPF). Vogelaar EF, et al. **Vox Sang 23:481-92, Dec 72**

Contribution to the optimal use of human blood. I. Analysis and optimalization of the production of

plasma protein fraction (PPF). Vogelaar EF, et al. **Vox Sang** 22:481-92, Dec 72

Stability of coagulation factors I and X during collection and subsequent storage of bank blood in ACD-A and CPD solutions. Weisert O, et al. **Vox Sang** 24:377-9, Apr 73

Preservation of coagulation factors V and VIII during collection and subsequent storage of bank blood in ACD-A and CPD solutions. Weisert O, et al. **Vox Sang** 24:126-33, Feb 73

[Formula for an anticoagulant for hematologic examinations (hemogram)] Hutin A. **Ann Inst Pasteur Lille** 22:329-30, 1971 **(Fre)**

[Medical treatment of angina pectoris] Barrillon A, et al. **Rev Prat** 22:4765-83, 25 Dec 72 **(Fre)**

[Toxicity of warfarin and its effect on blood coagulation in rat and mice] Niedner R, et al. **Arzneim Forsch** 23:102, Jan 73 (Eng. Abstr.) **(Ger)**

[Toxicity of warfarin and its effect on blood coagulation in rats and mice] Niedner R, et al. **Australas Radiol** 23:102, Jan 73 (Eng. Abstr.) **(Ger)**

[The relationship between staphylococcus and blood coagulation. Biological bases and practical applications] Fumarola D, et al. **G Batteriol Virol Immunol** 65:144-51, May-Aug 72 (Eng. Abstr.) **(Ita)**

[Advances in hematology. Interaction of drugs with anticoagulant derivatives] Pazdur J. **Pol Arch Med Wewn** 49:389-93, Oct 72 **(Pol)**

[Determination of PIVKA inhibitor in differential diagnosis of jaundice] Uszyński L. **Pol Arch Med Wewn** 50:681-5, Jul 73 (Eng. Abstr.) **(Pol)**

[The effect of aminazine on blood coagulation] Novak EN. **Farmakol Toksikol** 35:717-20, Nov-Dec 72 (Eng. Abstr.) **(Rus)**

[Role of the vascular wall in the process of hemostasis] Kuznik BI. **Usp Sovrem Biol** 75:61-85, Jan-Feb 73 (258 ref.) **(Rus)**

[Effects in vivo of imidazole ketoglutarate on platelet function. Study of myocardial infarct patients] Domingo Albós A, et al. **Rev Esp Cardiol** 26:123-8, 1973 (Eng. Abstr.) **(Spa)**

[Prothrombin activity of plasma. I. Factors that affect its determination] Ratto LA, et al. **Sangre (Barc)** 18:93-101, 1973 (Eng. Abstr.) **(Spa)**

[Bleeding in oral surgery] Radmilo R, et al. **Stomatol Glas Srb** 240-3, Aug-Oct 72 (Eng. Abstr.) **(Cro)**

ADMINISTRATION & DOSAGE

The prevention of postoperative thrombosis--a simple, safe approach. Neuschatz J, et al. **Arch Intern Med** 130:966-7, Dec 72

The prevention of bleeding during long-term oral anticoagulant therapy. Eastham RD. **Bristol Med Chir J** 87:5-7, Jan 72

Local anticoagulation of prosthetic heart valves. Schwartz ML, et al. **Circulation** 48:Suppl 3:85-9, Jul 73

Prevention of thromboembolism after hip fracture. Lyon LJ, et al. **Geriatrics** 28:107-10, Jan 73 (17 ref.)

Surgery and anticoagulation therapy. Dieter RA Jr, et al. **Ill Med J** 144:205-7 passim, Sep 73

Anticoagulant therapy for senile dementia. Ratner J, et al. **J Am Geriatr Soc** 20:556-9, Nov 72

In defence of APTT control of long-term anticoagulant therapy. Eastham RD. **J Clin Pathol** 26:383-4, May 73

Successfully treated acute intracerebellar hemorrhage secondary to anticoagulant therapy. Case report. Nassar SI, et al. **J Med Liban** 25:215-9, 1972

Multiple-dose kinetics of oral anticoagulants: methods of analysis and optimized dosing. Theofanous TG, et al. **J Pharm Sci** 62:261-6, Feb 73

Guide to drug usage in adult patients with impaired renal function. A supplement. Bennett WM, et al. **JAMA** 223:991-7, 26 Feb 73 (131 ref.)

Open-heart surgery and the demand for blood. Roche JK, et al. **JAMA** 225:1516-21, 17 Sep 73

Anticoagulants in thromboembolism. Lam-Po-Tang PR. **Med J Aust** 2:1438, 16 Dec 72

Duration of anticoagulant therapy in venous thrombo--embolism. O'Sullivan EF. **Med J Aust** 2:1104-7, 11 Nov 72

Anticoagulants in thromboembolism. **Med J Aust** 2:1097-8, 11 Nov 72

Progress in the control of oral anticoagulation. Loeliger EA. **Thromb Diath Haemorrh** 28:109-19, 31 Aug 72

Arvin anticoagulation for prolonged extracorporeal membrane oxygenation. Büky B, et al. **Trans Am Soc Artif Intern Organs** 19:56-60, 1973

[Current aspects of anticoagulant treatment] Boisseau M, et al. **Bord Med** 5:2079-91, Oct 72 (Eng. Abstr.) **(Fre)**

[Arterial diseases of the lower limbs. Treatment with anticoagulants. Value of their long-term use] Jouve A, et al. **Nouv Presse Med** 1:2250-2, 30 Sep 72 (Eng. Abstr.) **(Fre)**

[Problems of dosage and side-effects of anticoagulants and fibrinolytics (internal medicine, surgery)] Goossens N. **Int J Clin Pharmacol** 6:188-95, Jun 72 **(Ger)**

[Intravenous infusion of a standard coagulation-active phospholipid complex in uremic tendency to bleeding. Normalization of thrombin formation and prothrombin consumption] Schimpf K, et al. **Med Welt** 23:1258-60, 9 Sep 72 **(Ger)**

[Prevention and therapy of postoperative complications in vascular surgery] Wack HO. **Med Welt** 24:240-1, 16 Feb 73 **(Ger)**

[Prognosis of cor pulmonale in multiple pulmonary vascular obstructions under long-term anticoagulation] Corrodi P, et al. **Schweiz Med Wochenschr** 103:96-100, 20 Jan 73 (Eng. Abstr.) **(Ger)**

[Quality of home therapy as illustrated on the example of long-term therapy with cardiac glycosides and anticoagulants] Kober R. **Z Gesamte Inn Med** 28:Suppl 9:141-3, 1 May 73 (Eng. Abstr.) **(Ger)**

[Long-term therapy and monitoring in anticoagulant therapy] Linke H, et al. **Z Gesamte Inn Med** 28:31-2 contd, 15 Jan 73 (Eng. Abstr.) **(Ger)**

[Causes of the altered Fallthrom requirement following myocardial infarct] Schaller K. **Z Gesamte Inn Med** 27:756-8, 1 Sep 72 (Eng. Abstr.) **(Ger)**

[Behavior of the progessive antithrombin during long-term anticoagulant therapy (Vitamin K antagonists)] Scheel H, et al. **Z Gesamte Inn Med** 28:38-41 passim, 1 Feb 73 (Eng. Abstr.) **(Ger)**

[Patient-control method for long term anticoagulant therapy] Erdman S, et al. **Harefuah** 84:153-5, 1 Feb 73 (Eng. Abstr.) **(Heb)**

[Mechanisms of action of oral anticoagulants] Uszyński L. **Acta Haematol Pol** 3:133-9, Apr-Jun 72 (Eng. Abstr.) **(Pol)**

[Ligation or plication of the inferior caval vein in the prevention of recurrent pulmonary embolism] Meissner AJ, et al. **Pol Tyg Lek** 27:1242-5, 7 Aug 72 (23 ref.) **(Pol)**

ADVERSE EFFECTS

How to treat nosebleed. Barga JL. **Am Fam Physician** 8:66-73, Aug 73

Anticoagulants in pregnancy. Quick AJ. **Am Heart J** 84:284-5, Aug 72

Epidural hematoma following postoperative epidural analgesia: a case report. Janis KM. **Anesth Analg (Cleve)** 51:689-92, Sep-Oct 72

Peripheral nerve damage resulting from local hemorrhage and ischemia. Benjamin HZ, et al. **Arch Phys Med Rehabil** 54:263-70, Jun 73

Rapid tracheal injury by cuffed airways and healing with loss of ciliated epithelium. Paegle RD, et al. **Arch Surg** 106:31-4, Jan 73

Results of Starr-Edwards valve replacement in 184 patients: factors influencing mortality and morbidity. Crouchman M, et al. **Br Heart J** 35:556, May 73

Prognosis of pericarditis after acute myocardial infarction. Niarchos AP, et al. **Br Heart J** 35:49-54, Jan 73

Heart valve surgery in 114 patients over the age of 60. Oh W, et al. **Br Heart J** 35:174-80, Feb 73

Intramuscular injection and coagulation defects. Dyk T. **Br Med J** 4:795, 30 Dec 72

Drug interactions in patients on long-term oral anticoagulant and antihypertensive adrenergic neuron-blocking drugs. Starr KJ, et al. **Br Med J** 4:133-5, 21 Oct 72

The prevention of bleeding during long-term oral anticoagulant therapy. Eastham RD. **Bristol Med Chir J** 87:5-7, Jan 72

Neurosurgical complications of anticoagulant therapy. Sreerama V, et al. **Can Med Assoc J** 108:305-7, 3 Feb 73

Thromboembolism following heart valve replacement by prosthesis: survey among 365 consecutive patients. Vidne B, et al. **Chest** 63:713-7, May 73

Drug-induced lung disease. Whitcomb ME. **Chest** 63:418-22, Mar 73 (33 ref.)

Prevention of thromboembolism after hip fracture. Lyon LJ, et al. **Geriatrics** 28:107-10, Jan 73 (17 ref.)

Bleeding into the rectus abdominis muscle. Fletcher HS, et al. **Int Surg** 58:97-9, Feb 73

Comparison of two laboratory tests in the control of anticoagulant therapy. Pearce SJ, et al. **J Clin Pathol** 26:73-6, Jan 73

Epistaxis--topical use of epsilon-aminocaproic acid in its management. Jash DK. **J Laryngol Otol** 58:895-8, Sep 73

Cardiac surgery during pregnancy. Sakornpant P, et al. **J Med Assoc Thai** 55:492-6, Aug 72

Successfully treated acute intracerebellar hemorrhage secondary to anticoagulant therapy. Case report. Nassar SI, et al. **J Med Liban** 25:215-9, 1972

Spontaneous splenic rupture in an anticoagulated patient: a case report. Seltzer MH, et al. **J Med Soc NJ** 70:397-8, May 73

Postoperative blood loss after extracorporeal circulation for heart valve surgery. Garcia JB, et al. **J Thorac Cardiovasc Surg** 65:487-96, Mar 73

Spontaneous rupture of the kidney: a complication of anticoagulation--report of 2 cases. Luna I, et al. **J Urol** 109:788-9, May 73

A method for removing blood clots from the upper urinary tract. Mungas J, et al. **J Urol** 108:948-50, Dec 72

Guide to drug usage in adult patients with impaired renal function. A supplement. Bennett WM, et al. **JAMA** 223:991-7, 26 Feb 73 (131 ref.)

Anticoagulant therapy after acute myocardial infarction. Relation of therapeutic benefit to patient's age, sex, and severity of infarction. Drapkin A, et al. **JAMA** 222:541-8, 30 Oct 72

Anticoagulants in acute myocardial infarction. Results of a cooperative clinical trial. **JAMA** 225:724-9, 13 Aug 73

Ancrod, heparin, and -aminocaproic acid in simian Knowlesi malaria. Reid HA, et al. **Lancet** 2:1110-2, 25 Nov 72

Haemophilic women. Swiet J de. **Lancet** 2:564, 8 Sep 73

Duration of anticoagulant therapy in venous thrombo--embolism. O'Sullivan EF. **Med J Aust** 2:1104-7, 11 Nov 72

Drugs in pregnancy. **Med Lett Drugs Ther** 14:94-6, 8 Dec 72

Median-nerve neuropathy after percutaneous puncture of the brachial artery in patients receiving anticoagulants. Macon WL 4th, et al. **N Engl J Med** 288:1396, 28 Jun 73

Drug-induced blood dyscrasias. Eisenhauer LA. **Nurs Clin North Am** 7:799-808, Dec 72

Anticoagulant-induced massive hemothorax. Diamond MT, et al. **NY State J Med** 73:691-2, 1 Mar 73

New Zealand Committee on Adverse Drug Reactions: seventh annual report. **NZ Med J** 76:357-64, Nov 72

Ovarian hemorrhage complicating anticoagulant therapy. Manny J, et al. **Obstet Gynecol** 41:512-4, Apr 73

Anticoagulants: a guide for practitioners. Kingdon HS. **Postgrad Med** 54:61-5, Aug 73

Prophylactic anticoagulant therapy in the prevention of pulmonary emboli in patients with acute spinal injuries. Silver JR. **Proc Veterans Adm Spinal Cord Inj Conf** 18:184-8, 1971

Drug-induced methemoglobinemia. Smith RP, et al. **Semin Hematol** 10:253-68, Jul 73 (124 ref.)

Intracerebral and subdural hematomas complicating anticoagulant therapy. Rinaldi I, et al. **Va Med Mon** 100:632-9, Jul 73

[Drug induced hemorrhages investigated with emergency endoscopy] Froget J, et al. **Ann Gastroenterol Hepatol (Paris)** 8:361-7, Jul-Sep 72 (Eng. Abstr.) **(Fre)**

[Acute gastrointestinal ulcers in medical resuscitation] Grivaux M, et al. **Ann Med Interne (Paris)** 123:403-8, Apr 72 **(Fre)**

[Current aspects of anticoagulant treatment] Boisseau M, et al. **Bord Med** 5:2079-91, Oct 72 (Eng. Abstr.) **(Fre)**

[Intramural hematoma of the intestine caused by anticoagulants (3 cases, 1 of them of the colon)] Huguier M, et al. **Chirurgie** 98:427-32, May 72 (Eng. Abstr.) **(Fre)**

[Occlusive accidents during anticoagulant treatment. Intramural hematoma of the small intestine (4 cases)] Langeron P, et al. **Chirurgie** 98:199-205, 1 Mar 72 (Eng. Abstr.) **(Fre)**

[Intramural hematoma of the small intestine during anticoagulant treatment] Gautier-Benoit C, et al. **Lille Med** 17:998-1000, Aug-Sep 72 **(Fre)**

[Hemothorax during anticoagulant treatments. Note apropos of 3 cases] Arnaud A, et al. **Mars Med** 109:771-6, 1972 **(Fre)**

[Intracerebral hematoma during staphylococcal septicemia] Veyssier P, et al. **Nouv Presse Med** 1:2091-5, 16 Sep 72 (Eng. Abstr.) **(Fre)**

[Blood coagulation disorders of a toxic (alcoholism, drugs, poisoning) or iatrogenic (anticoagulants) nature] Minssart F. **Rev Belge Med Dent** 27:185-94, Mar 72 **(Fre)**

[Current status of the treatment of cerebrovascular disorders with anticoagulants] Rosa A. **Rev Prat** 22:Suppl:87-95, 25 Nov 72 **(Fre)**

[Drug-induced pulmonary vascular accidents] Touraine R, et al. **Rev Tuberc Pneumol (Paris)** 36:821-39, Jul-Aug 72 (Eng. Abstr.) **(Fre)**

[The fate of 165 hemorrhagic ulcers treated in a special intensive care unit] Conte M, et al. **Sem Hop Paris** 49:545-7, 14 Feb 73 (Eng. Abstr.) **(Fre)**

[Crural paralysis during anticoagulant treatment] Goas JY, et al. **Sem Hop Paris** 48:2199-206, 26 Jun 72 **(Fre)**

[Ileus during anticoagulant therapy] Schröder HJ. **Chirurg** 44:329-32, Jul 73 **(Ger)**

[Intracranial complications in anticoagulant therapy] Bauer U, et al. **Dtsch Gesundheitsw** 28:360-3, 4 Feb 73 (Eng. Abstr.) **(Ger)**

[Changes in the activity of transaminases during long-term treatment with anticoagulants after myocardial infarct] Büsch F. **Dtsch Gesundheitsw** 27:2128-31, 9 Nov 72 (Eng. Abstr.) **(Ger)**

[Peptic ulcer hemorrhage due to anticoagulants] Lüllmann H, et al. **Dtsch Med Wochenschr** 98:1731-3, 14 Sep 73 **(Ger)**

[Problems of dosage and side-effects of anticoagulants and fibrinolytics (internal medicine, surgery)] Goossens N. **Int J Clin Pharmacol** 6:188-95, Jun 72 **(Ger)**

[Long-term therapy of vascular permeability disorders using anthocyanosides] Neumann L. **Munch Med Wochenschr** 115:952-4, 18 May 73 **(Ger)**

[Clinical differential diagnosis of kidney tumors] Tümmers H, et al. **Munch Med Wochenschr** 115:488-91, 23 Mar 73 (Eng. Abstr.) **(Ger)**

[Drug monitoring in the medical ward of a regional hospital] Klein U, et al. **Schweiz Med Wochenschr** 102:1083-90, 5 Aug 72 (Eng. Abstr.) **(Ger)**

[Defect in oral anticoagulation. Etiology and explanation] Seiler K. **Schweiz Med Wochenschr** 102:1415-23, 7 Oct 72 (Eng. Abstr.) **(Ger)**

[Postoperative mortality after mitral valve replacement] Rudolph W, et al. **Thoraxchirurgie** 20:339-46, Oct 72 **(Ger)**

[Anticoagulant therapy in pregnant women with cardiac valve prostheses: critical study] Lo Cicero G, et al. **Ann Ostet Ginecol** 93:339-45, May 72 (Eng. Abstr.) **(Ita)**

[Digestive hemorrhages due to drugs and their treatment] Donatelli L, et al. **Clin Ter** 62:305-58, 31 Aug 72 **(Ita)**

[Interactions between drugs and food] D'Anna A. **Minerva Med** 64:573-8, 7 Mar 73 (Eng. Abstr.) **(Ita)**

[Complications due to toxic factors (drugs and other substances) during pregnancy] Tampalini L. **Minerva Pediatr** 24:1979-2000, 17 Nov 72 **(Ita)**

[Administration of some drugs to pregnant or breast feeding women] Okla J. **Pol Tyg Lek** 27:2073-7, 25 Dec 72 (8 ref.) **(Pol)**

[Subacute glomerulonephritis. Concept and treatment] Cruz J. **Rev Hosp Clin Fac Med Sao Paulo** 27:234-44, Sep-Oct 72 (55 ref.) (Eng. Abstr.) **(Por)**

[Coagulation disorders in osteoarticular injuries] Denischi A, et al.

Chirurgia (Bucur) 20:879-88, Oct 71 (Eng. Abstr.) **(Rum)**

[Hemorrhages into the adrenals (a review of the foreign literature)] Kalinin AP, et al. **Klin Med (Mosk)** 50:9-15, Nov 72 **(Rus)**

[Microcoagulogram of cardiovascular patients] Efremenko AM. **Lab Delo** 8:465-7, 1972 **(Rus)**

[Evaluation of the changes in the blood coagulation system in the dynamics of treating ischemic insult with anticoagulants] Lobkova TN. **Zh Nevropatol Psikhiatr** 73:645-51, 1973 (Eng. Abstr.) **(Rus)**

ANALYSIS

Purification and properties of the coagulant and anticoagulant principles of Agkistrodon acutus venom. Ouyang C, et al. **J Formosan Med Assoc** 71:401-7, 28 Jun 72

Multiple-dose kinetics of oral anticoagulants: methods of analysis and optimized dosing. Theofanous TG, et al. **J Pharm Sci** 62:261-6, Feb 73

[UV absorption spectra of phepromarone for quantitative determination] Solomonova SG, et al. **Farm Zh** 27:48-51, Sep-Oct 72 (Eng. Abstr.) **(Ukr)**

[Use of UV spectrophotometry for the quantitative determination of omephin] Solomonova SG, et al. **Farm Zh** 27:52-4, May-Jun 72 **(Ukr)**

ANTAGONISTS & INHIBITORS

The high incidence of thromboembolism: prevention and action. Rubenstein E. **Geriatrics** 28:116-21, Apr 73

Anticoagulant factors from Viperidae venoms. Platelet phospholipid inhibitors. Boffa MC, et al. **Thromb Diath Haemorrh** 28:509-23, 31 Dec 72

BLOOD

Recurrent thrombosis in a young woman with a circulating anticoagulant directed against factors XI and XII. Aberg H, et al. **Acta Med Scand** 192:419-25, Nov 72

Current transfusion therapy. Hinkes E, et al. **Calif Med** 118:38-55, May 73 (173 ref.)

Anticoagulation in microvascular surgery. Kolář L, et al. **Eur Surg Res** 5:52-7, 1973

Multiple-dose kinetics of oral anticoagulants: methods of analysis and optimized dosing. Theofanous TG, et al. **J Pharm Sci** 62:261-6, Feb 73

Acquired inhibitors of blood coagulation. Feinstein DI, et al. **Prog Hemostasis Thromb** 1:75-95, 1972 (95 ref.)

[Circulating anticoagulants during hemophilia] Josso F, et al. **Rev Fr Transfus** 15:281-98, Dec 72 (Eng. Abstr.) **(Fre)**

[Circulating anticoagulants in hemophilia] Josso F, et al. **Rev Fr Transfus** 15:281-98, Sep 72 (Eng. Abstr.) **(Fre)**

[Defect in oral anticoagulation. Etiology and explanation] Seiler K. **Schweiz Med Wochenschr** 102:1415-23, 7 Oct 72 (Eng. Abstr.) **(Ger)**

CHEMICAL SYNTHESIS

Anticoagulant activity of glycol analogs of phosphatidylserine. Turner DL, et al. **Lipids** 7:680-2, Oct 72

[Natural and synthetic thrombin inhibitors] Markwardt F. **Folia Haematol (Leipz)** 98:381-4, 1972 **(Ger)**

HISTORY

[In the times of little black ladies or vampires and leeches] Brabant H. **FNIB** 51:39-40 contd, Apr 73 **(Fre)**

[In the times of little black ladies or vampires and leeches] Brabant H. **FNIB** 51:28-35 concl, Jun 73 **(Fre)**

ISOLATION & PURIFICATION

Purification and properties of the anticoagulant principle of Agkistrodon acutus venom. Ouyang C, et al. **Biochim Biophys Acta** 278:155-62, 31 Aug 72

Purification and properties of the coagulant and anticoagulant principles of Agkistrodon acutus venom. Ouyang C, et al. **J Formosan Med Assoc** 71:401-7, 28 Jun 72

Anticoagulant factors from Viperidae venoms. Platelet phospholipid inhibitors. Boffa MC, et al. **Thromb Diath Haemorrh** 28:509-23, 31 Dec 72

METABOLISM

[Effect of cholestyramine on the absorption of various drugs in man] Hahn KJ, et al. **Verh Dtsch Ges Inn Med** 78:1567-70, 1972 **(Ger)**

[Causes of the altered Falithrom requirement following myocardial infarct] Schaller K. **Z Gesamte Inn Med** 27:756-8, 1 Sep 72 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

In vitro platelet adhesiveness. Methods of study and clinical significance. Meyer D. **Adv Exp Med Biol** 34:123-47, 1972

The plasma protamine paracoagulation test: clinical and laboratory evaluation. Kidder WR, et al. **Am J Clin Pathol** 58:675-86, Dec 72

Antibody screening with the autoanalyzer using donors' plasma in place of sera. Myhre BA. **Am J Clin Pathol** 58:698-701, Dec 72

Effect of incubation time and anticoagulant on the activated partial thromboplastin time. Davis KD, et al. **Am J Med Technol** 39:136-9, Apr 73

Aggregation of human blood platelets by vasopressin. Haslam RJ, et al. **Am J Physiol** 223:958-67, Oct 72

Effects of drugs upon hematological tests. Sunderman FW Jr. **Ann Clin Lab Sci** 2:2-11, Jan-Feb 72

Differentiation between periodic and subperiodic Brugia malayi and Brugia pahangi on the basis of microfilarial sheath-casting in vitro. Sivanandam S, et al. **Ann Trop Med Parasitol** 66:487-96, Dec 72

Metabolic roles of fat-soluble vitamins D, E, and K. Wasserman RH, et al. **Annu Rev Biochem** 41:179-202, 1972 (185 ref.)

Effect of sodium polyanetholesulfonate on antimicrobial systems in blood. Belding ME, et al. **Appl Microbiol** 24:691-8, Nov 72

Rheogoniometric studies of whole human blood at shear rates from 1000 to 0.0009 sec-1. I. Experimental findings. Copley AL, et al. **Biorheology** 10:17-22, Mar 73

Direct assessment of platelet adhesion to glass: a study of the forces of interaction and the effects of plasma and serum factors, platelet function, and modification of the glass surface. George JN. **Blood** 40:862-74, Dec 72

The decisive period in the primary infection of muscle by Escherichia coli. Polk HC, et al. **Br J Exp Pathol** 54:99-109, Feb 73

Effects of Ancrod (Arvin) in mice: studies of plasma fibrinogen and fibrinolytic activity. Silberman S, et al. **Br J Haematol** 24:101-13, Jan 73

In vitro inhibition of rat and human liver microsomal enzymes by 4-hydroxycoumarin anticoagulants and related compounds. Deckert FW, et al. **Chem Biol Interact** 5:255-63, Sep 72

Stability of erythrocytic enzymes for screening tests. Lowe ML, et al. **Clin Chem** 19:529-30, May 73

Acidic glycosaminoglycan composition of the gills of Cyprinus carpio. Wasserman L, et al. **Comp Biochem Physiol [B]** 42:669-77, 15 Aug 72

Interaction of drugs associated with anaesthesia. Dundee JW, et al. **Int Anesthesiol Clin** 11:41-73, Spring 73 (152 ref.)

Mechanism of ancrod anticoagulation. A direct proteolytic effect on fibrin. Pizzo SV, et al. **J Clin Invest** 51:2841-50, Nov 72

Warfarin metabolites: the anticoagulant activity and pharmacology of warfarin alcohols. Lewis RJ, et al. **J Lab Clin Med** 81:925-31, Jun 73

Plasma half-lives, plasma metabolites and anticoagulant efficacies of the enantiomers of warfarin in man. Hewick DS, et al. **J Pharm Pharmacol** 25:458-65, Jun 73

Interaction of Arvin with erythrocyte flexibility. Myers P, et al. **J Physiol (Lond)** 230:51P-52P, Apr 73

In vitro ingestion of zymosan particles by mast cells. Fruhman GJ. **J Reticuloendothel Soc** 13:424-35, May 73

Ancrod, heparin, and -aminocaproic acid in simian Knowlesi malaria. Reid HA, et al. **Lancet** 2:1110-2, 25 Nov 72

Toxicity, anti-neoplastic, and coagulation effects of aquatic plants from Minnesota. Su KL, et al. **Lloydia** 36:99-102, Mar 73

Pharmacology of anticoagulants. Quick AJ. **NY State J Med** 73:1647-51, 15 Jun 73

SUBJECT SECTION

Enhancement of the antihemostatic effect of acetylsalicylic acid by ring iodination. Mende TJ. **Pharmacology** 7:249-54, 1972

The pharmacology of platelet inhibition. Weiss HJ. **Prog Hemostasis Thromb** 1:199-231, 1972 (246 ref.)

Influence of anticoagulants on the nitroblue tetrazolium test. Helium KB, et al. **Scand J Infect Dis** 5:67-70, 1973

Anticoagulant-resistant rats: possible control by the use of the chloro analog of vitamin K 1 . Suttie JW. **Science** 180:741-3, 18 May 73

Anticoagulant factors from Viperidae venoms. Platelet phospholipid inhibitors. Boffa MC, et al. **Thromb Diath Haemorrh** 28:509-23, 31 Dec 72

The effect of the purified anticoagulant principle of Agkistrodon acutus venom on blood coagulation. Ouyang C, et al. **Toxicon** 11:287-92, Apr 73

Arvin anticoagulation for prolonged extracorporeal membrane oxygenation. Büky B, et al. **Trans Am Soc Artif Intern Organs** 19:56-60, 1973

[Active anti-platelet antibodies in the presence of acetyl-salicylic acid. Activity on platelet aggregation and cross reactions] Duriez R, et al. **Ann Med Interne (Paris)** 123:593-6, Jun-Jul 72 (Fre)

[Aggregation effectors and platelet populations] Rendu F, et al. **Pathol Biol (Paris)** Suppl:28-32, Dec 72 (Eng. Abstr.) (Fre)

[Inhibition of blood platelet function by chemical substances] Reuter H. **Hippokrates** 44:96-8, Mar 73 (Ger)

[The modification of platelet functions by chemical substances in vitro and in vivo] Reuter H, et al. **Med Welt** 23:1383-4, 30 Sep 72 (Ger)

[Coagulative influence of 5-oxo-6-amino-7-ketimino-6-phenyldibenzo(a.c)cycloheptan] Milošev M, et al. **Pharmazie** 27:520-1, Aug 72 (Ger)

[Prognosis of cor pulmonale in multiple pulmonary vascular obstructions under long-term anticoagulation] Corrodi P, et al. **Schweiz Med Wochenschr** 103:96-100, 20 Jan 73 (Eng. Abstr.) (Ger)

[Therapeutic fibrinolysis] Straub PW. **Schweiz Med Wochenschr** 103:753-7, 19 May 73 (Eng. Abstr.) (Ger)

[Salicylic acid derivatives used as anticoagulants] Bruhn HD. **Verh Dtsch Ges Inn Med** 77:1035-7, 1971 (Ger)

[Drug side-effects and interferences in a selected patient material from an internal hospital] Kiesewetter R, et al. **Z Aerztl Fortbild (Jena)** 66:964-9, 1 Oct 72 (Ger)

[Prevention, therapy and rehabilitation in cerebral blood circulation disorders] Fliege K. **Z Allgemeinmed** 48:857-60, 30 Jun 72 (Ger)

[Therapy of coronary arteriosclerosis and its complications] Giordano MP, et al. **Clin Ter** 60:259-74, 15 Feb 72 (Ita)

[Mechanisms of action of oral anticoagulants] Uszyński L. **Acta Haematol Pol** 3:133-9, Apr-Jun 72 (Eng. Abstr.) (Pol)

[Problems of interaction between 5,5 1 -diphenylhydantoin (Hydantoinal) and other drugs] Pakszys W. **Pol Tyg Lek** 27:1990-3, 11 Dec 72 (25 ref.) (Pol)

[Prolonged therapeutic-prophylactic use of anticoagulants] Kushelevskiĭ BP, et al. **Klin Med (Mosk)** 51:26-8, Apr 73 (Rus)

[Testing of some chemosterilants against flees] Kozlov MP, et al. **Med Parazitol (Mosk)** 41:595-9, Sep-Oct 72 (Eng. Abstr.) (Rus)

[Blood coagulation system and liver function in patients with chronic coronary insufficiency, continuously taking for a long time anticoagulants of indirect action] Zhukov NA, et al. **Sov Med** 35:152-4, Aug 72 (Rus)

STANDARDS

Anticoagulant control and standardization of coagulation reagents. Poller L. **Med Lab Technol** 29:280-92, Jul 72

Progress in the control of oral anticoagulation. Loeliger EA. **Thromb Diath Haemorrh** 28:109-19, 31 Aug 72

THERAPEUTIC USE

Anticoagulant treatment during and after embolectomy. Holm J, et al. **Acta Chir Scand** 138:683-7, 1972

Embolism of the central retinal artery secondary to metastatic carcinoma. Tarkkanen A, et al. **Acta Ophthalmol (Kbh)** 51:25-33, 1973

Microcirculatory pathology. Penner JA. **Adv Otorhinolaryngol** 20:236-43, 1973

Fibrinolysis in retinal vein occlusions. A preliminary report. Höhmann R, et al. **Albrecht von Graefes Arch Klin Ophthalmol** 187:327-40, 1973

Early treatment of acute myocardial infarction. Becker LC. **Am Fam Physician** 6:120-8, Oct 72

Occlusive cerebrovascular disease. Fincham RW, et al. **Am Fam Physician** 7:68-76, Apr 73

The problems of deep vein thrombosis. Browse NL. **Am Heart J** 84:149-52, Aug 72

Temporary transvenous pacing via the percutaneous femoral vein approach. A prospective study of 100 cases. Weinstein J, et al. **Am Heart J** 85:695-705, May 73

Preinfarction angina: current therapeutic considerations. Spencer FC, et al. **Am J Cardiol** 32:382-4, 7 Sep 73

Drug therapy review--coumarin and indandione derivatives. **Am J Hosp Pharm** 30:705-13, Aug 73 (73 ref.)

Nephrotic syndrome, renal vein thrombosis and renal failure. Report of case with recovery of renal function, loss of proteinuria and dissolution of thrombus after anticoagulant therapy. Balabanian MB, et al. **Am J Med** 54:768-75, Jun 73

The liver in congestive heart failure: a review. Dunn GD, et al. **Am J Med Sci** 265:174-89, Mar 73 (89 ref.)

Hazards of subdural and epidural anesthesia during anticoagulant therapy: a case report and review. DeAngelis J. **Anesth Analg (Cleve)** 51:676-9, Sep-Oct 72

Clinical considerations for the anesthesiologist whose patient is on anticoagulant therapy. Ellison N, et al. **Anesthesiology** 39:328-36, Sep 73 (57 ref.)

Fifteen-year clinical experience with the vena cava filter. DeWeese MS, et al. **Ann Surg** 178:247-57, Sep 73

Mitral valve replacement with viable aortic homograft valves. Gonzalez-Lavin L, et al. **Ann Thorac Surg** 15:592-600, Jun 73

Reconstruction of the mitral valve. Messmer FJ, et al. **Ann Thorac Surg** 16:30-43, Jul 73

Vestibular suppressant drugs. Rubin W. **Arch Otolaryngol** 97:135-8, Feb 73

Peripheral nerve damage resulting from local hemorrhage and ischemia. Benjamin HZ, et al. **Arch Phys Med Rehabil** 54:263-70, Jun 73

Stroke: a history of its rehabilitation. Walter J. Zeiter Lecture. Licht S. **Arch Phys Med Rehabil** 54:10-8 passim, Jan 73

Pulmonary embolism; an appraisal of therapy in 516 cases. Pollak EW, et al. **Arch Surg** 107:66-8, Jul 73

Limitations of impedance phlebography for diagnosis of venous thrombosis. Steer ML, et al. **Arch Surg** 106:44-8, Jan 73

Thrombotic thrombocytopenic purpura presenting as eclampsia. Perel ID, et al. **Aust NZ J Obstet Gynaecol** 12:257-62, Nov 72

Ventricular septal defect and mitral regurgitation secondary to myocardial infarction. A case treated medically with long survival. Fleming HA. **Br Heart J** 35:344-6, Mar 73

Deep venous thrombosis. II. Management. Edwards IR, et al. **Br J Dermatol** 88:207-11, Feb 73 (35 ref.)

Conservative management of thrombo-embolism. Flute PT. **Br J Surg** 59:834-6, Oct 72

Anticoagulants after mitral valvotomy. Fleming HA. **Br Med J** 2:116, 14 Apr 73

Prevention of pulmonary embolism. **Br Med J** 2:1-2, 7 Apr 73

Long-term anticoagulant treatment after myocardial infarction. A review. Geest H de, et al. **Brux Med** 53:33-5, Jan 73

Patients with cardiac valve prosthesis: subsequent anaesthetic management for non-cardiac surgical procedures. Maillé JG, et al. **Can Anaesth Soc J** 20:207-16, Mar 73 (63 ref.)

Neurosurgical complications of anticoagulant therapy. Sreerama V, et al. **Can Med Assoc J** 108:305-7, 3 Feb 73

The practicabilities of deep vein thrombosis. Graham AJ. **Cent Afr J Med** 19:94-7, May 73

SUBJECT SECTION

Longterm support with a membrane lung. Pois AJ, et al. **Chest** 62:690-3, Dec 72

A large series does not parallel E-MC 2 . Spodick DH. **Chest** 63:298-9, Feb 73

Thromboembolism following heart valve replacement by prosthesis: survey among 365 consecutive patients. Vidne B, et al. **Chest** 63:713-7, May 73

Evaluation of anticoagulant therapy in cloth-covered prosthetic valves. Isom OW, et al. **Circulation** 48:Suppl 3:48-50, Jul 73

Medical management of angina pectoris. Logue RB, et al. **Circulation** 46:1132-45, Dec 72

Cardiac arrhythmias. 6. Present status of electroversion in the management of cardiac dysrhythmias. Resnekov L. **Circulation** 47:1356-63, Jun 73 (48 ref.)

Thromboembolism in pelvic surgery. Mattingly RF, et al. **Clin Obstet Gynecol** 16:162-94, Jun 73

Postoperative infection after total hip replacement with special reference to air contamination in the operating room. Charnley J. **Clin Orthop** 87:167-87, Sep 72

Cerebrovascular disease. Van Horn G. **DM** 3-46, Jun 73 (98 ref.)

Neuro-Behçet's syndrome in the United Arab Republic. Fadli ME, et al. **Eur Neurol** 9:76-89, 1973

Anticoagulation in microvascular surgery. Kolář L, et al. **Eur Surg Res** 5:52-7, 1973

Recognizing and reacting to recurrent pulmonary embolism. Genton E. **Geriatrics** 28:84-8, Mar 73

Transient ischemic attack: an early warning system for stroke? Greenhouse AH. **Geriatrics** 28:134-9, Sep 73

Prevention of thromboembolism after hip fracture. Lyon LJ, et al. **Geriatrics** 28:107-10, Jan 73 (17 ref.)

Prevention of deep vein thrombosis. Nicolaides AN. **Geriatrics** 28:69-77, Feb 73

Surgery and anticoagulation therapy. Dieter RA Jr, et al. **Ill Med J** 144:205-7 passim, Sep 73

Generic non-equivalence in cardiac practice. Shah S. **Indian Heart J** 25:1-2, Jan 73

Treatment of cerebrovascular disorders. Klassen AC. **Int J Neurol** 9:33-42, 1972

Bleeding into the rectus abdominis muscle. Fletcher HS, et al. **Int Surg** 58:97-9, Feb 73

Capillary microaneurisms and shunt vessels in diabetic retinopathy. A hypothesis on pathogenesis and prevention. Kornzweig AL. **Isr J Med Sci** 8:1316-22, Aug-Sep 72

A note on the use of anticoagulant therapy in chronic brain syndrome. Lukas ER, et al. **J Am Geriatr Soc** 21:224-5, May 73

A surgeon reviews a half century of progress in the treatment of coronary heart disease. Mazel MS. **J Am Geriatr Soc** 21:355-61, Aug 73

Comments on the use of anticoagulants in geriatric patients. Wright IS. **J Am Geriatr Soc** 21:1-3, Jan 73

Total hip replacement with fixation by acrylic cement. A preliminary study of 100 consecutive McKee-Farrar prosthetic replacements. Wilson PD Jr, et al. **J Bone Joint Surg [Am]** 54:207-36, Mar 72

Thromboangiosis or thromboangeitis treated by adrenalectomy and sympathectomy from 1942 to 1962. A follow-up study of 110 cases. Kunlin J, et al. **J Cardiovasc Surg (Torino)** 14:21-7, Jan-Feb 73

An aggressive approach to thromboembolic disease. Taber RE, et al. **J Cardiovasc Surg (Torino)** 14:306-11, May-Jun 73

In defence of APTT control of long-term anticoagulant therapy. Eastham RD. **J Clin Pathol** 26:383-4, May 73

Drug therapeutic evaluation in acute myocardial infarction. Fletcher AP. **J Clin Pathol** 25:646-7, Jul 72

Current status of thrombolytic agents in acute cerebrovascular disease. Fletcher AP. **J Clin Pathol** 25:649-50, Jul 72

Chandler's thrombi as agents for the assessment of anti-thrombotic drugs in vitro. Lawson DH, et al. **J Clin Pathol** 26:452-3, Jun 73

Comparison of two laboratory tests in the control of anticoagulant therapy. Pearce SJ, et al. **J Clin Pathol** 26:73-6, Jan 73

Maternal mortality--amniotic fluid embolism successfully treated. Hewitt SR. **J Ir Med Assoc** 66:50, 27 Jan 73

Treatment of recurrent pulmonary emboli. Sabety AM. **J Med Soc NJ** 70:110-2, Feb 73

Cardiology for the practitioner. II. The medical management of angina pectoris. Galyean JR 3d. **J Miss State Med Assoc** 14:277-80, Jul 73

Small strokes in the carotid territory associated with a normal carotid arteriogram. Bradshaw P, et al. **J Neurol Neurosurg Psychiatry** 35:810-7, Dec 72

Chronic lumbar extradural haematoma simulating disc syndrome. Devadiga KV, et al. **J Neurol Neurosurg Psychiatry** 36:255-9, Apr 73

Aortic valve replacement with cloth-covered composite-seat Starr-Edwards prosthesis. A review of 32 months of clinical experience. Arrigoni MG, et al. **J Thorac Cardiovasc Surg** 65:376-80, Mar 73

Mitral valve replacement with preserved cadaveric aortic homografts. Oh W, et al. **J Thorac Cardiovasc Surg** 65:712-21, May 73

Guide to drug usage in adult patients with impaired renal function. A supplement. Bennett WM, et al. **JAMA** 223:991-7, 26 Feb 73 (131 ref.)

Anticoagulant therapy after acute myocardial infarction. Relation of therapeutic benefit to patient's age, sex, and severity of infarction. Drapkin A, et al. **JAMA** 222:541-8, 30 Oct 72

Severe angina pectoris. Considerations of surgical and medical management. Harrison TR. **JAMA** 223:1022-6, 26 Feb 73

Uncomplicated myocardial infarction. Current physician practice in patient management. Wenger NK, et al. **JAMA** 224:511-4, 23 Apr 73

Anticoagulants in acute myocardial infarction. Results of a cooperative clinical trial. **JAMA** 225:724-9, 13 Aug 73

Coagulation and renal disease. Kincaid-Smith P. **Kidney Int** 2:183-90, Oct 72 (99 ref.)

Haemophilic women. Swiet J de. **Lancet** 2:564, 8 Sep 73

Sudden deafness and its several treatments. Saunders WH. **Laryngoscope** 82:1206-13, Jul 72

Occlusive cerebrovascular disease. Hass WK. **Med Clin North Am** 56:1281-97, Nov 72

The treatment of chronic mesangiocapillary (membranoproliferative) glomerulonephritis with impaired renal function. Kincaid-Smith P. **Med J Aust** 2:587-92, 9 Sep 72

Anticoagulants in thromboembolism. Lam-Po-Tang PR. **Med J Aust** 2:1438, 16 Dec 72

Transient cerebral ischaemic attacks. Leicester J. **Med J Aust** 1:806-7, 21 Apr 73

Duration of anticoagulant therapy in venous thrombo--embolism. O'Sullivan EF. **Med J Aust** 2:1104-7, 11 Nov 72

The use of anticoagulants in the prevention of venous thrombosis after myocardial infarction. Pussell BA, et al. **Med J Aust** 2:1101-3, 11 Nov 72

Anticoagulants in thromboembolism. **Med J Aust** 2:1097-8, 11 Nov 72

The mechanisms of venous thrombosis. Anticoagulants, aspirin, and heparin. O'Brien JR. **Mod Concepts Cardiovasc Dis** 42:11-5, Mar 73 (14 ref.)

Platelet survival and adhesiveness in recurrent venous thrombosis. Steele PP, et al. **N Engl J Med** 288:1148-52, 31 May 73

Prophylactic anticoagulant therapy in the prevention of calf-vein thrombosis after myocardial infarction. Wray R, et al. **N Engl J Med** 288:815-7, 19 Apr 73

Prevention and management of venous thrombosis and pulmonary embolism. Mandel SR, et al. **NC Med J** 34:114-9, Feb 73 (43 ref.)

Acute infantile hemiplegia due to obstruction of intracranial arterial vessels. Scheffner D, et al. **Neuropaediatrie** 4:7-19, Jan 73

Malignant tumors with superior vena cava obstruction. Ghosh BC, et al. **NY State J Med** 73:283-9, 15 Jan 73

Treatment and prevention of stroke. II. Cerebrovascular insufficiencies. Slosberg P. **NY State J Med** 73:758-63, 15 Mar 73 (78 ref.)

Acute and subacute encephalopathy. II. Treatment. Spencer W. **NY State J Med** 73:981-91, 15 Apr 73

Acute cerebral infarction. Evaluation and treatment. Currier RD, et al. **Postgrad Med** 54:83-8, Oct 73

Anticoagulants: a guide for practitioners. Kingdon HS. **Postgrad Med** 54:61-5, Aug 73

Superior mesenteric vein thrombosis and oral contraceptives. Rose MB. **Postgrad Med J** 48:430-3, Jul 72

Long-term results in patients with pulmonary emboli. Davies D, et al. **Practitioner** 211:65-70, Jul 73

Advances in medicine. McNicol GP, et al. **Practitioner** 209:411-23, Oct 72 (52 ref.)

Advances in neurology. Matthews WB. **Practitioner** 209:481-8, Oct 72 (29 ref.)

The diagnosis of repetitive pulmonary embolism. Talbot S. **Practitioner** 209:682-5, Nov 72

Prophylactic anticoagulant therapy in the prevention of pulmonary emboli in patients with acute spinal

injuries. Silver JR.
Proc Veterans Adm Spinal Cord Inj Conf 18:184-8, 1971
Geriatrics. **Q Med Rev** 23:1-23, Jul 72 (20 ref.)
Stroke. Some notes on the treatment and prevention. Cole M. **Rocky Mt Med J** 70:34-7, Jul 73
Clinical evaluation of side-effects of drugs. Jacobs HD. **S Afr Med J** 47:1365-9, 4 Aug 73
Recent advances in venous thrombo-embolism. A review article. Sobel JD.
S Afr Med J 47:1197-202, 14 Jul 73 (53 ref.)
Surgical treatment of systemic atrioventricular valve insufficiency in corrected transposition. Björk VO, et al. **Scand J Thorac Cardiovasc Surg** 7:21-4, 1973
Encapsulation of the Björk-Shiley aortic disc valve prosthesis caused by the lack of anticoagulant treatment. Björk VO, et al.
Scand J Thorac Cardiovasc Surg 7:17-20, 1973
Low thrombotest values in active thrombosis. Ro JS, et al. **Scand J Thorac Cardiovasc Surg** 6:269-73, 1972
In situ vein bypass. Experiences with new vein valve strippers. Skagseth E, et al.
Scand J Thorac Cardiovasc Surg 7:53-8, 1973
Stroke: malignant and benign syndromes. Vroom FQ. **South Med J** 66:898-904, Aug 73
The outcome for patients with cerebrovascular disease in university and community hospitals. Carpenter RR, et al. **Stroke** 3:747-58, Nov-Dec 72
Clinical prevention of stroke.
Stroke 3:806-25, Nov-Dec 72
Infections in obstetrics and gynecology. New developments in treatment. Ledge WJ.
Surg Clin North Am 52:1447-58, Dec 72 (24 ref.)
Is primary fibrinolysis a real entity? Gans H.
Surg Gynecol Obstet 136:975-6, Jun 73
A transverse lower abdominal appendectomy incision with minimal muscle derangement. Jelenko C 3d, et al.
Surg Gynecol Obstet 136:451-2, Mar 73
Recurrence of venous thromboembolism. Coon WW, et al. **Surgery** 73:823-7, Jun 73
Utility of anticoagulant drugs in vascular thrombosis: electron microscopic and biophysical study. Sawyer PN, et al. **Surgery** 74:263-75, Aug 73
Progress in the control of oral anticoagulation. Loeliger EA. **Thromb Diath Haemorrh** 28:109-19, 31 Aug 72
The influence of acenocumarole on the fibrinogen-turnover in normal subjects, venous thrombosis and congestive heart failure. Maas AP van der, et al.
Thromb Diath Haemorrh 28:496-508, 31 Dec 72
Clinical trials with antithrombotic and thrombolytic agents. Principles and pitfalls. Sherry S.
Thromb Diath Haemorrh 29:3-10, 28 Feb 73
Transient episodes of cerebrovascular ischemia (TIA's). Effects of medical or surgical management on natural history of the illness. Toole JF, et al.
Trans Am Clin Climatol Assoc 84:71-7, 1973
Arvin anticoagulation for prolonged extracorporeal membrane oxygenation. Büky B, et al.
Trans Am Soc Artif Intern Organs 19:56-60, 1973
Leg vein thrombosis diagnosed by 125 I-fibrinogen test in patients with fracture of the hip: a study of the effect of early prophylaxis with dicoumarol or dextran 70. Bergqvist D, et al. **Vasa** 2:121-6, 1973
Lymphoedema of the upper limb after Halsted's operation of radical mastectomy.. Lymphography and phlebography. Therapeutic consequences. Arnulf G.
Vasc Surg 7:36-44, Jan-Feb 73
[Blood coagulation in myocardial infarct and changes in coagulation factors during anticoagulant treatment] Maimunkov K, et al.
Vutr Boles 10:44-51, 1971 (Eng. Abstr.) **(Bul)**
[Idiopathic thrombosis of mesenteric veins] Barták L.
Rozhl Chir 51:670-4, Oct 72 (Eng. Abstr.) **(Cze)**
[Standardization of laboratory control in oral anticoagulation] Loeliger EA.
Ned Tijdschr Geneeskd 116:1571-3, 28 Aug 72 **(Dut)**
[Age limit in preventive anticoagulant therapy following myocardial infarct] Loeliger EA, et al.
Ned Tijdschr Geneeskd 117:391-2, 10 Mar 73 **(Dut)**
[Operative mortality after esophageal resection for cancer] Delacroix R, et al.
Acta Chir Belg 71:220-9, 1972 (Eng. Abstr.) **(Fre)**
[Prevention of postoperative thromboembolic complications in general surgery. A 3-year evaluation] Degenne S, et al.
Anesth Analg (Paris) 29:286-8, Mar-Apr 72 **(Fre)**
[Clinical trial of a new synthetic anticoagulant: LD 4610] Acar J.
Ann Cardiol Angeiol (Paris) 21:393-5, Jul-Sep 72 **(Fre)**
[Value of selective cardiovascular opacification in the diagnosis of pulmonary embolism] Bory M, et al.
Ann Cardiol Angeiol (Paris) 21:461-8, Oct 72 (Eng. Abstr.) **(Fre)**
[Heart valve prosthesis and pregnancy] Sommer A, et al.
Ann Cardiol Angeiol (Paris) 22:183-7, May-Jun 73 (Eng. Abstr.) **(Fre)**
[Prevention of thromboembolic accidents in digestive surgery] Farah A, et al.
Ann Chir 26:1353-4, Dec 72 **(Fre)**
[Cardiovascular manifestations in pseudoxanthoma elasticum apropos of a typical case with myocardial infarction] Cristol R, et al.
Ann Med Interne (Paris) 123:771-6, Aug-Sep 72 **(Fre)**
[Intestinal and hepatic manifestations of nocturnal paroxysmal hemoglobinuria. Review of the literature apropos of a case] Debray C, et al.
Arch Fr Mal App Dig 62:125-32, Mar 73 (Eng. Abstr.) **(Fre)**
[Treatment of coronary thrombosis with streptokinase] Tricot R, et al.
Arch Mal Coeur 66:661-71, May 73 (Eng. Abstr.) **(Fre)**
[Current aspects of anticoagulant treatment] Boisseau M, et al.
Bord Med 5:2079-91, Oct 72 (Eng. Abstr.) **(Fre)**
[Place of chemotherapy in the treatment of primary bronchial cancers] Clément F.
Bronches 22:176-89, May-Jun 72 **(Fre)**
[Chronic blood cross-circulation in the pig. Surgical technic, maintenance validity] Laplace JP.
J Physiol (Paris) 64:165-72, 1972 (Eng. Abstr.) **(Fre)**
[Anticoagulants in prostatic surgery] Caissel J.
J Urol Nephrol (Paris) 79:67-70, Jan-Feb 73 (Eng. Abstr.) **(Fre)**
[Glomerular nephropathies treated with anticoagulants. Unusual course studied with immunofluorescence followed by repeated renal biopsies] Meyrier A, et al.
J Urol Nephrol (Paris) 78:738-40, Sep 72 **(Fre)**
[Reparil Gel in sport medicine (apropos of 30 cases)] Niquet G, et al.
Lille Med 17:Suppl 8:1612-3, Dec 72 **(Fre)**
[Clinical study of a new anticoagulant: L.D. 4610] Audier M. **Mars Med** 109:385-7, 1972 **(Fre)**
[Trial prevention of edema by revascularization with folescutol] Courbier R, et al.
Mars Med 109:389-92, 1972 **(Fre)**
[Drug interactions with vitamin K antagonists] Thebault J, et al.
Pathol Biol (Paris) 21:639-46, Jun 73 (Eng. Abstr.) **(Fre)**
[Phlebographic surveillance in the treatment of recent venous thrombosis] Coito A.
Phlebologie 25:125-36, Apr-Jun 72 **(Fre)**
[Acute cor pulmonale in pulmonary emboli] Foucault JP.
Phlebologie 26:23-7, Jan-Mar 73 (Eng. Abstr.) **(Fre)**
[Critical study of the indications of phlebography] Goldstein M.
Phlebologie 25:137-46, Apr-Jun 72 (Eng. Abstr.) **(Fre)**
[Introduction on the contribution of arteriography to phlebology] Reboul H.
Phlebologie 25:173-82, Apr-Jun 72 (Eng. Abstr.) **(Fre)**
[Anticoagulants in old age] Sprung O.
Phlebologie 26:61-4, Jan-Mar 73 **(Fre)**
[Current progress in the understanding and treatment of intravascular thrombotic processes] Hiltenbrand C. **Rev Infirm** 23:401-4, May 73 **(Fre)**
[Clinical aspects and present treatment possibilities of deep venous thromboses] Beaujean M, et al.
Rev Med Liege 28:13-22, 1 Jan 73 **(Fre)**
[The pathogenesis of thrombosis] Hugues J.
Rev Med Liege 28:11-3, 1 Jan 73 **(Fre)**
[Recent massive pulmonary embolism: diagnosis and treatment] Puech P.
Rev Med Liege 27:605-14, 15 Sep 72 **(Fre)**
[Current status of the treatment of cerebrovascular disorders with anticoagulants] Rosa A.
Rev Prat 22:Suppl:87-95, 25 Nov 72 **(Fre)**
[Fat embolism] Laurencet FL, et al.
Schweiz Med Wochenschr 102:1079-83, 5 Aug 72 (Eng. Abstr.) **(Fre)**
[Management of myocardial infarct during the initial period ("pre-hospital" phase)] Ducloux G.
Sem Hop Paris 49:1623-6, 8 May 73 **(Fre)**
[Hyperinsulinism: effect of a pancreatic insuloma and its extirpation on the blood coagulation system] Alánt O, et al.

Acta Chir Acad Sci Hung 13:367-74, 1972 (Eng. Abstr.) (Ger)

[Plasma phosphatide pattern during recovery from myocardial infarct] Jipp P, et al. **Arzneim Forsch** 22:1833-5, Oct 72 (Eng. Abstr.) (Ger)

[Ileus during anticoagulant therapy] Schröder HJ. **Chirurg** 44:329-32, Jul 73 (Ger)

[Amiodarone pigmentation] Matheis H. **Dermatologica** 145:304-18, 1972 (Eng. Abstr.) (Ger)

[Intracranial complications in anticoagulant therapy] Bauer U, et al. **Dtsch Gesundheitsw** 28:360-3, 4 Feb 73 (Eng. Abstr.) (Ger)

[Changes in the activity of transaminases during long-term treatment with anticoagulants after myocardial infarct] Büsch F. **Dtsch Gesundheitsw** 27:2128-31, 9 Nov 72 (Eng. Abstr.) (Ger)

[Myocardial infarct and arterial peripheral blood circulation disorders and their clinical prognosis] Heine H, et al. **Dtsch Gesundheitsw** 27:2209-12, 23 Nov 72 (Eng. Abstr.) (Ger)

[Various viewpoints on patient care in anticoagulant therapy] Kober R. **Dtsch Gesundheitsw** 27:2284-5, 30 Nov 72 (Eng. Abstr.) (Ger)

[Problems in the treatment of myocardial infarct using anticoagulants or aggregation inhibitors] Thiele G, et al. **Dtsch Gesundheitsw** 27:1594-8, 24 Aug 72 (Eng. Abstr.) (Ger)

[Therapy of heart infarct] Strey W. **Dtsch Krankenpflegez** 25:584-8, Nov 72 (Ger)

[Transient cerebral ischemia] Bernsmeier A. **Dtsch Med Wochenschr** 98:1482, Aug 73 (Ger)

[Therapy of acute cerebrovascular insufficiency] Berzewski H. **Dtsch Med Wochenschr** 97:1979-80 passim, 22 Dec 72 (Ger)

[Short-term fibrinolytic treatment in acute myocardial infarction] Breddin K, et al. **Dtsch Med Wochenschr** 98:861-73, 27 Apr 73 (Eng. Abstr.) (Ger)

[Peptic ulcer hemorrhage due to anticoagulants] Lüllmann H, et al. **Dtsch Med Wochenschr** 98:1731-3, 14 Sep 73 (Ger)

[What is certain in the therapy of coronary insufficiency?] Michel D. **Fortschr Med** 90:889-92, 14 Sep 72 (Ger)

[Therapy of shock] Pichlmayr I. **Fortschr Med** 89:819-22, 1 Jul 71 (Ger)

[Prevention of thromboses in lower leg fractures] Spieler U, et al. **Helv Chir Acta** 39:679-83, Dec 72 (Ger)

[Primary axillar vein stasis (Paget-von Schroetter syndrome)] Hölzl HR, et al. **Langenbecks Arch Chir** 331:295-314, 29 Dec 72 (Eng. Abstr.) (Ger)

[Cause and prevention of embolism] Marx R. **Med Klin** 68:1019, 27 Jul 73 (Ger)

[Laboratory supervision of anticoagulant therapy] Fischer M. **Med Lab (Stuttg)** 26:105-10, May 73 (Ger)

[Postoperative prevention of thrombosis using chlorphenylindandione in gynecology] Baumann R, et al. **Med Welt** 24:471-2, 23 Mar 73 (Ger)

[Treatment of deep pelvic and leg vein thrombosis] Köpf RI, et al. **Med Welt** 23:1201-4, 2 Sep 72 (Ger)

[Behavior of thrombocytes under immunosuppressive and anticoagulant therapy in a case of thrombophlebitis migrans] Paar D. **Med Welt** 23:1666-7, 4 Nov 72 (Ger)

[Acute pulmonary embolism] Späth G. **Munch Med Wochenschr** 114:1673-80, 29 Sep 72 (36 ref.) (Ger)

[Nil nocere. Iatrogenic hemopericardium with pericardial tamponade in acute benign non-specific pericarditis] Windischbauer G, et al. **Munch Med Wochenschr** 114:2049-53, 24 Nov 72 (Eng. Abstr.) (Ger)

[Plastic repair of defects in the vault and frontobasal region of the skull with fresh, autologous costal cartilage] Probst C. **Neurochirurgia (Stuttg)** 16:105-12, Jul 73 (Eng. Abstr.) (Ger)

[Disturbances of the venous cerebral circulation] Corbat F. **Praxis** 62:126-7, 30 Jan 73 (Ger)

[Pathogenesis and clinical aspects of episodic cerebral circulation disorders (transient ischemic attacks)] Müller HR. **Praxis** 62:119-25, 30 Jan 73 (Ger)

[Special problems of long-term anticoagulation in old age] Seller K. **Praxis** 61:1494-6, 28 Nov 72 (Ger)

[Basis of anticoagulation during the plaster fixation of the lower limb] Spieler U. **Praxis** 62:325-7, 13 Mar 73 (Ger)

[Prognosis in carotid artery occlusion and carotid artery stenosis with stroke during conservative treatment and after surgical treatment] Egli M, et al. **Schweiz Arch Neurol Neurochir Psychiatr** 111:243-57, 1972 (Eng. Abstr.) (Ger)

[Prognosis of cor pulmonale in multiple pulmonary vascular obstructions under long-term anticoagulation] Corrodi P, et al. **Schweiz Med Wochenschr** 103:96-100, 20 Jan 73 (Eng. Abstr.) (Ger)

[Drug therapy of angina pectoris. Theoretical bases and clinical management] Nager F. **Schweiz Med Wochenschr** 102:1724-9, 25 Nov 72 (Eng. Abstr.) (Ger)

[Therapeutic fibrinolysis] Straub PW. **Schweiz Med Wochenschr** 103:753-7, 19 May 73 (Eng. Abstr.) (Ger)

[Therapeutic problems in disseminated encephalomyelitis (multiple sclerosis)] Payk TR. **Ther Ggw** 112:349-50, Mar 73 (25 ref.) (Ger)

[Thromboembolism prevention after heart valve prosthesis in an experimental model] Dragojevic D, et al. **Thoraxchirurgie** 20:419-23, Dec 72 (Eng. Abstr.) (Ger)

[Problem of acute obstruction of the mesenteric arteries] Schennach W, et al. **Thoraxchirurgie** 20:457-62, Dec 72 (Eng. Abstr.) (Ger)

[Diagnosis and therapy of pulmonary embolism] Sasahara AS. **Vasa** 2:160-8, 1973 (Eng. Abstr.) (Ger)

[Administration of acetylsalicylic acid in patients under long-term oral anticoagulant therapy] Barth P, et al. **Verh Dtsch Ges Inn Med** 78:723-6, 1972 (Ger)

[General therapeutic guidelines for the drug therapy of sequelae in cerebral artery occlusion] Gottstein U. **Verh Dtsch Ges Inn Med** 78:466-81, 1972 (Ger)

[Results of long-term anticoagulant therapy in cerebral circulatory disorders] Lehmann H, et al. **Verh Dtsch Ges Inn Med** 78:675-7, 1972 (Ger)

[Value of long-term anticoagulation following reconstructive vascular surgery in the region of pelvic and leg arteries] Müller-Wiefel H, et al. **Verh Dtsch Ges Inn Med** 78:636-8, 1972 (Ger)

[Therapy of peripheral blood vessel obstruction] **Verh Dtsch Ges Inn Med** 77:374-7, 1971 (Ger)

[Treatment and sequelae of severe burns with special reference to hypertrophic scar-formation] Raff M, et al. **Wien Med Wochenschr** 123:282-7, 28 Apr 73 (Ger)

[Early recognition, early therapy and early mobilization of the myocardial infarct with special reference to the iron metabolism as a visible parameter of the course of local events] Schweitzer F. **Wien Med Wochenschr** 123:Suppl 6:3-22, 1973 (Ger)

[Postoperative control of obliterating arteriopathies by the use of computers] Weidinger P, et al. **Wien Z Inn Med** 53:586-97, 1972 (Eng. Abstr.) (Ger)

[The chronic bronchitis syndrome. New pathogenetic and therapeutic aspects] Ellorhaoui M. **Z Aerztl Fortbild (Jena)** 66:707-11, 15 Jul 72 (Ger)

[Arterial embolic occlusion as a medical emergency] Herwig H. **Z Aerztl Fortbild (Jena)** 66:1251-4, 15 Dec 72 (Ger)

[Prevention, therapy and rehabilitation in cerebral blood circulation disorders] Fliege K. **Z Allgemeinmed** 48:857-60, 30 Jun 72 (Ger)

[Procedures in an acute arterial occlusion of the limbs] Müller-Wiefel H. **Z Allgemeinmed** 49:210-5, 20 Feb 73 (Ger)

[Heart infarct and work resumption] Emmrich R. **Z Gesamte Inn Med** 27:548-54, 1 Jul 72 (Eng. Abstr.) (Ger)

[Results of long-term dispensary anticoagulant therapy in patients with myocardial infarct and peripheral arteriosclerosis] Heine H, et al. **Z Gesamte Inn Med** 28:27-30, 15 Jan 73 (Eng. Abstr.) (Ger)

[Quality of home therapy as illustrated on the example of long-term therapy with cardiac glycosides and anticoagulants] Kober R. **Z Gesamte Inn Med** 28:Suppl 9:141-3, 1 May 73 (Eng. Abstr.) (Ger)

[Long-term therapy and care with anticoagulants] Linke H, et al. **Z Gesamte Inn Med** 28:33-5 concl, 1 Feb 73 (Eng. Abstr.) (Ger)

[Long-term therapy with anticoagulants] Remde W.

Z Gesamte Inn Med 28:23-7, 15 Jan 73 (Eng. Abstr.) (Ger)
[Acetylsalicylic acid as antithrombotic agent in acute myocardial infarct without shock syndrome] Thiele G, et al.
Z Gesamte Inn Med 28:36-8 passim, 1 Feb 73 (Eng. Abstr.) (Ger)
[New therapeutic possibilities in the treatment of swellings] Zeth K.
Z Haut Geschlechtskr 47:939-50, 1 Dec 72 (Ger)
[Extractions in patients using anticoagulants] Falb P.
Zahnaerztl Prax 24:351-2, Jul 73 (Ger)
[Thrombophlebitis of the right ovarian vein following labor: surgical diagnosis and conservative therapy?] Fritz G, et al. **Zentralbl Chir** 98:212-5, 9 Feb 73 (Ger)
[Urgency and technic of thromboembolism prevention in surgery] Neef H, et al.
Zentralbl Chir 98:81-9, 19 Jan 73 (17 ref.) (Ger)
[Treatment of cerebrovascular diseases] Braham J.
Harefuah 82:524-5, 1 Jun 72 (Heb)
[Patient-control method for long term anticoagulant therapy] Erdman S, et al.
Harefuah 84:153-5, 1 Feb 73 (Eng. Abstr.) (Heb)
[Alcoholic cardiomyopathy] Feigel D, et al.
Harefuah 83:69-72, 16 Jul 72 (Eng. Abstr.) (Heb)
[Anticoagulant therapy in pregnant women with cardiac valve prostheses: critical study] Lo Cicero G, et al.
Ann Ostet Ginecol 93:339-45, May 72 (Eng. Abstr.) (Ita)
[Thrombosis in the heart patient] Galliera O.
Cardiol Prat 23:91-9, Apr-Jun 72 (Eng. Abstr.) (Ita)
[Preparation for electric cardio-version in atrial fibrillation] Lotto A.
Cardiol Prat 23:267-71, Jul-Sep 72 (Eng. Abstr.) (Ita)
[Effect of anticoagulants in acute myocardial infarct] Rossi R, et al.
Cardiol Prat 23:13-20, Mar 72 (Eng. Abstr.) (Ita)
[Glomerulonephritis and anticoagulants: therapy with dipyridamole in lupoid glomerulonephritis] Barlattani M, et al. **Clin Ter** 63:251-7, 15 Nov 72 (Ita)
[Therapy of coronary arteriosclerosis and its complications] Giordano MP, et al.
Clin Ter 60:259-74, 15 Feb 72 (Ita)
[Late myocardial infarct due to embolism in patients with artificial valvular prosthesis. Study of 4 personal cases] Jacovella G, et al.
G Ital Cardiol 3:86-92, 1973 (Eng. Abstr.) (Ita)
[Thrombolytic therapy of acute myocardial infarct] De Giorgi E. **Minerva Cardioangiol** 20:663-6, Nov 72 (Ita)
[Treatment of myocardial infarct in the acute phase and of its complications in the resuscitation department] Maino V, et al.
Minerva Cardioangiol 20:505-15, Sep 72 (Eng. Abstr.) (Ita)
[Combined antibacterial and anticoagulant treatment of chronic osteitis] Bartkowski S, et al.
Pol Przegl Chir 45:713-7, Jun 73 (Pol)
[Present status of the use of anticoagulants in cardiology] Paladino NR.
Arq Bras Cardiol 25:271-2, Jun 72 (Por)
[Subacute glomerulonephritis. Concept and treatment] Cruz J.
Rev Hosp Clin Fac Med Sao Paulo 27:234-44, Sep-Oct 72 (55 ref.) (Eng. Abstr.) (Por)
[Coagulation disorders in osteoarticular injuries] Denischi A, et al.
Chirurgia (Bucur) 20:879-88, Oct 71 (Eng. Abstr.) (Rum)
[Current problems in diagnosis and treatment of angina pectoris] Popescu P, et al.
Med Interna (Bucur) 24:933-46, Aug 72 (Rum)
[Current data on diagnosis and treatment of thromboembolic states] Zosin P, et al.
Med Interna (Bucur) 24:947-58, Aug 72 (Eng. Abstr.) (Rum)
[Medico-surgical implications in vertebrobasilar circulatory insufficiency] Pollingher B, et al.
Neurol Psihiatr Neurochir 18:33-42, Jan-Feb 73 (Rum)
[Myocardial infarct and age] Gurevich MA.
Kardiologiia 13:5-14, May 73 (37 ref.) (Eng. Abstr.) (Rus)
[Some aspects of the use of prolonged neuroplegia in treating acute myocardial infarct] Gvatua NA, et al.
Kardiologiia 13:35-43, Apr 73 (Eng. Abstr.) (Rus)
[Thrombocyte adhesiveness in ischemic heart disease] Maĭorov IuM, et al.
Kardiologiia 12:45-8, Aug 72 (Eng. Abstr.) (Rus)
[Clinical labortory evaluation of the effectiveness of the overall treatment of myocardial infarct using nucleic acid synthesis cofactors and precursors] Tsimmerman IaS, et al.
Kardiologiia 13:43-6, Apr 73 (Eng. Abstr.) (Rus)
[Ways and methods of increasing the efficacy of the rehabilitation of patients having sustained a myocardial infarct] Volkov VS.
Kardiologiia 12:110-4, Feb 72 (Eng. Abstr.) (Rus)
[Prolonged therapeutic-prophylactic use of anticoagulants] Kushelevskiĭ BP, et al.
Klin Med (Mosk) 51:26-8, Apr 73 (Rus)
[Blood coagulation system and liver function in patients with chronic coronary insufficiency, continuously taking for a long time anticoagulants of indirect action] Zhukov NA, et al.
Sov Med 35:152-4, Aug 72 (Rus)
[Thrombolytin and anticoagulants in the treatment of patients with acute thrombosis of the veins of the lower limbs] Koniukhov SG, et al.
Vestn Khir 108:66-8, Jul 72 (Eng. Abstr.) (Rus)
[Pulmonary artery thromboembolism and the state of the blood coagulation system in severe cranio-cerebral trauma] Kuklina AS, et al.
Vopr Neirokhir 36:25-8, May-Jun 72 (Eng. Abstr.) (Rus)
[Characteristics of the clinical course and therapy of postpartum metrothrombophlebitis] Prorokova VK, et al.
Vopr Okhr Materin Det 17:69-72, Feb 72 (Eng. Abstr.) (Rus)
[Some directions in the prevention and therapy of cerebral hypoxia] Akimov GA, et al.
Zh Nevropatol Psikhiatr 73:491-7, 1973 (102 ref.) (Rus)
[Femoral-popliteal arteriosclerosis. Medical treatment] Alonso T.
Angiologia 24:201-5, Sep-Oct 72 (Eng. Abstr.) (Spa)
[Round table discussion on current antithrombotic therapy] **Angiologia** 25:215-54, Sep-Oct 73 (Spa)
[Dipyridamole and anticoagulants in the management of the pregnant woman with cardiac valve prosthesis] Del Bosque Ruiz M.
Ginecol Obstet Mex 33:191-8, Feb 73 (Eng. Abstr.) (Spa)
[Cardioversion. Results and indications] Cobo L.
Rev Esp Cardiol 25:401-6, Sep-Oct 72 (Eng. Abstr.) (Spa)
[Standardization of anticoagulant control: the British system] Poller L. **Sangre (Barc)** 17:277-82, 1972 (Spa)
[Obstruction of intracranial arteries in childhood] Isler W. **Neuropaediatrie** 4:3-6, Jan 73 (Mul)
[Postoperative hemorrhage following operations performed with extracorporeal circulation] Simkovic I, et al.
Bratisl Lek Listy 58:646-53, 6 Dec 72 (Eng. Abstr.) (Slo)
[Problems connected with diagnosis and prevention of postoperative thrombosis of the deep veins] Krstić C, et al. **Med Pregl** 25:339-43, 1972 (Cro)

TOXICITY

Toxicity, anti-neoplastic, and coagulation effects of aquatic plants from Minnesota. Su KL, et al. **Lloydia** 36:99-102, Mar 73
Toxicity studies in endrin-susceptible and resistant strains of pine mice. Webb RE, et al. **Toxicol Appl Pharmacol** 25:42-7, May 73
[Nil nocere. Iatrogenic hemopericardium with pericardial tamponade in acute benign non-specific pericarditis] Windischbauer G, et al.
Munch Med Wochenschr 114:2049-53, 24 Nov 72 (Eng. Abstr.) (Ger)

ANTIFIBRINOLYTIC AGENTS

Demonstration of fibrin in skin diseases. I. Lichen ruber planus and lupus erythematosus. Salo OP, et al. **Acta Derm Venereol (Stockh)** 52:291-4, 1972
The use of antifibrinolytic drugs to prevent early recurrent aneurysmal subarachnoid haemorrhage. Tovi D. **Acta Neurol Scand** 49:163-75, 1973
Rotational diffusion analysis of the conformational alterations produced in plasminogen by certain antifibrinolytic amino acids. Castellino FJ, et al. **Biochemistry** 12:2787-91, 17 Jul 73
Effect of combined administration of EACA and heparin on thrombus weight and fibrinolysis. An experimental study. Komatsu K, et al. **Bull Tokyo Med Dent Univ** 20:93-104, Mar 73
The inhibition of urokinase by alpha 2 -macroglobulin. Ogston D, et al. **Clin Sci** 44:73-9, Jan 73

Experimental hepatic necrosis: studies on coagulation abnormalities, plasma clearance, and organ distribution of 125I-labelled fibrinogen. Rake MO, et al. **Gut** 14:574-80, Jul 73

Antifibrinolytic effect of Apernyl in "dry socket". Birn H. **Int J Oral Surg** 1:190-4, 1972

Inhibitors of fibrinolysis: evidence of some instances of mutual potentiation. Coccheri S, et al. **J Clin Pathol** 25:627-8, Jul 72

[Synthetic serin protease inhibitors. 1. Inhibition of trypsin, plasmin and thrombin by amidino- and guanidinobenzoic acid esters] Markwardt F, et al. **Pharmazie** 28:326-30, May 73 **(Ger)**

[Role of the heart and vessels in regulating blood coagulation and fibrinolysis] Kuznik BI, et al. **Kardiologiia** 13:145-54, Apr 73 (112 ref.) **(Rus)**

[Role of the vascular wall in the process of hemostasis] Kuznik BI. **Usp Sovrem Biol** 75:61-85, Jan-Feb 73 (258 ref.) **(Rus)**

ADMINISTRATION & DOSAGE

[Fibrinolysis and its inhibition in gynecology] Koutský J, et al. **Cas Lek Cesk** 112:72-5, 19 Jan 73 (Eng. Abstr.) **(Cze)**

[Rules and regulations in the therapy of hemophilia] Landbeck G, et al. **Fortschr Med** 90:542-6, 11 May 72 **(Ger)**

[Intravesical use of antifibrinolytic agents following prostate surgery] Boeminghaus F. **Z Urol Nephrol** 65:771-4, Oct 72 **(Ger)**

ADVERSE EFFECTS

Disseminated intravascular coagulation. Kamel K, et al. **J Oral Surg** 31:95-7, Feb 73

ANALYSIS

Fibrinolytic activity of veins in the puerperium. Astedt B. **Acta Obstet Gynecol Scand** 51:325-8, 1972

[The coagulation and fibrinolytic properties of rabbit erythrocytes] Potekhin KG, et al. **Biol Nauki** 3:47-51, 1972 **(Rus)**

ANTAGONISTS & INHIBITORS

The inhibition of tissue plasminogen activator and urokinase-induced fibrinolysis by some natural proteinase inhibitors and by plasma and serum from normal and pregnant subjects. Thorsen S. **Scand J Clin Lab Invest** 31:51-9, Jan 73

BLOOD

The effect of clofibrate on components of the fibrinolytic enzyme system. Ogston D, et al. **Atherosclerosis** 16:273-6, Sep-Oct 72

[Alpha-1 antitrypsin, alpha-2-macroglobulin and antiplasmin activity in liver and bile tract diseases] Bogdal J, et al. **Pol Tyg Lek** 28:969-72, 25 Jun 73 (Eng. Abstr.) **(Pol)**

[The effect of vitamin B-15 on the level of cholesterol and the functional state of the anticoagulant system of the blood of animals] Andreenko GV, et al. **Kardiologiia** 12:40-5, Dec 72 (Eng. Abstr.) **(Rus)**

CHEMICAL SYNTHESIS

[2-Thiontetrahydro-1.3.5-thiadiazines with antifibrinolytic properties] Würbach G, et al. **Pharmazie** 28:254-7, Apr 73 **(Ger)**

ISOLATION & PURIFICATION

Broad-specificity protease-isoinhibitors for trypsin, chymotrypsin, plasmin and kallikrein from snails (Helix pomatia). Isolation, inhibition characteristics and amino-acid composition. Tschesche H, et al. **Eur J Biochem** 30:560-70, 7 Nov 72

PHARMACODYNAMICS

Inhibition of plasminogen activators by naturally occurring inhibitors in man. Aoki N, et al. **Am J Physiol** 223:1334-7, Dec 72

The secretion of fibrinolysin by cultured rat ovarian tumor cells. Yunis AA, et al. **Biochem Biophys Res Commun** 52:1003-12, 8 Jun 73

Plasmin-induced platelet aggregation and platelet release reaction. Effects on hemostasis. Niewiarowski S, et al. **J Clin Invest** 52:1647-59, Jul 73

Plasmin-induced platelet aggregation and platelet release reaction. Effects on hemostasis. Niewiarowski S, et al. **J Clin Invest** 22:1647-59, Jul 73

An enzymatic function associated with transformation of fibroblasts by oncogenic viruses. I. Chick embryo fibroblast cultures transformed by avian RNA tumor viruses. Unkeless JC, et al. **J Exp Med** 137:85-111, 1 Jan 73

Effect of para-aminomethylbenzoic acid on the post-irradiation disturbance of haemocoagulation in dogs after whole-body exposure to 600 R. Pospíšil J, et al. **Strahlentherapie** 144:728-36, Dec 72

The effects of some synthetic compounds on in vitro fibrinolytic activity measured by different methods and the relevance to activity in vivo. Baillie AJ, et al. **Thromb Diath Haemorrh** 28:351-8, 31 Dec 72

[Attempt at explanation of the mechanism of labor. II. Inhibition of uterine contractions with anti-enzymes (preliminary report)] Konopka P, et al. **Rev Fr Gynecol Obstet** 68:7-12, Jan 73 (Eng. Abstr.) **(Fre)**

[Metabolism of fibrinogen following administration of brain phospholipids in combination with an antifibrinolytic agent (AMCHA)] Cultrera G, et al. **Arzneim Forsch** 23:445-7, Mar 73 (Eng. Abstr.) **(Ger)**

[Therapy of an experimentally induced radiation syndrome in the rat using brain phospholipids and an antifibrinolytic agent (AMCHA)] Spreafico PL, et al. **Arzneim Forsch** 23:441-4, Mar 73 (Eng. Abstr.) **(Ger)**

[Effect of various hemostyptics in animal experiment] Mergard U, et al. **Chirurg** 43:411-5, Sep 72 (Eng. Abstr.) **(Ger)**

[The antifibrinolytic effect of para-amino methyl benzoic acid (PAMBA) on the local activation of fibrinolysis in human vaginal tissue and myometrium] Herschlein HJ, et al. **Med Welt** 23:1540-2, 21 Oct 72 **(Ger)**

[Diagnosis and therapy of consumption coagulopathy] Lechner K. **Wien Klin Wochenschr** 85:467-70, 29 Jun 73 (Eng. Abstr.) **(Ger)**

[Effect of fibrinolytics and antifibrinolytics on wound healing. Experimental study] Wilde J, et al. **Z Exp Chir** 4:241-7, 1971 (Eng. Abstr.) **(Ger)**

[Atrio-ventricular and intraventricular conduction after administration of trimethoxy-benzoyl--aminocaproic acid in man] Masini G, et al. **Cardiol Prat** 24:73-8, 1973 (Eng. Abstr.) **(Ita)**

THERAPEUTIC USE

Treatment of hereditary angioneurotic oedema with tranexamic acid. A random double-blind cross-over study. Blohmé G. **Acta Med Scand** 192:293-8, Oct 72

The effect of tranexamic acid (AMCA) on postoperative bleeding after conization. Rybo G, et al. **Acta Obstet Gynecol Scand** 51:347-50, 1972

Antifibrinolytic treatment in haemophilia: a controlled trial of prophylaxis with tranexamic acid. Bennett AE, et al. **Br J Haematol** 24:83-8, Jan 73

Treatment of obstetric bleeding with antifibrinolytics. Isaksson G. **Cent Afr J Med** 19:98, May 73

Tranexamic acid for prophylaxis in haemophilia. Ingram GI, et al. **J Clin Pathol** 25:629, Jul 72

Tranexamic acid in upper gastrointestinal haemorrhage. Cormack F, et al. **Lancet** 1:1207-8, 2 Jun 73

Antifibrinolytic therapy in addiction to replacement treatment: a new approach to hemostasis in hemophilics during synovectomy. Turpini R, et al. **New Istanbul Contrib Clin Sci** 10:59-68, Jun 72

Symposium on subarachnoid hemorrhage organized by the Netherlands society of neurosurgeons. Discussion. **Psychiatr Neurol Neurochir** 75:445-58, Nov-Dec 72

Inherited blood clotting disorders. Report of a WHO scientific group. **WHO Tech Rep Ser** 504:1-48, 1972

[Fibrinolysis and its inhibition in gynecology] Koutský J, et al. **Cas Lek Cesk** 112:72-5, 19 Jan 73 (Eng. Abstr.) **(Cze)**

[Etiopathogenesis and treatment of the hemorrhagic labor syndrome] Koutský J, et al. **Cesk Gynekol** 38:347-8, Jun 73 **(Cze)**

[Treatment of alveolitis sicca dolorosa] Hovinga J. **Ned Tijdschr Tandheelkd** 79:451-2, Dec 72 (Eng. Abstr.) **(Dut)**

[Value of tranexamic acid in extracapsular

tonsillectomy in adults] Mazauric FX, et al. **J Fr Otorhinolaryngol 22:165-8, Feb 73 (Fre)**

[Fibrinolysis. Its resurgence during surgery of portal hypertension] Guilmet C, et al. **Nouv Presse Med 1:2023-4, 9 Sep 72 (Fre)**

[Fibrinolytic activity in the hemophilic synovia. Histochemical study] Storti E, et al. **Schweiz Med Wochenschr 102:1614-5, 4 Nov 72 (Eng. Abstr.) (Fre)**

[Therapy of an experimentally induced radiation syndrome in the rat using brain phospholipids and an antifibrinolytic agent (AMCHA)] Spreafico PL, et al. **Arzneim Forsch 23:441-4, Mar 73 (Eng. Abstr.) (Ger)**

[Conservative therapy of gastrointestinal hemorrhages with special reference to stress ulcer] Brunswig D. **Fortschr Med 90:1003-4, 12 Oct 72 (Ger)**

[Experimental decompression sickness in rabbits. Coagulation changes and therapeutic influencing] Schimpf K, et al. **Verh Dtsch Ges Inn Med 77:1027-9, 1971 (Ger)**

[Etiology and treatment of hematuria in hemophiliacs] István L. **Orv Hetil 113:2458-61, 8 Oct 72 (Hun)**

[Antifibrinolytic and antihemorrhagic activity of trans-aminomethyl cyclohexane carboxylic acid (AMCHA). Clinical experience] Avanzi G. **Minerva Med 63:4758-66, 5 Dec 72 (Eng. Abstr.) (Ita)**

[Fibrinolysis in internal medicine] Breda R, et al. **Minerva Med 63:4803-7, 8 Dec 72 (Ita)**

[Diagnostic and therapeutic methods in hemorrhages of the alimentary canal] Fontana G, et al. **Recent Prog Med (Roma) 54:343-82, Apr 73 (Eng. Abstr.) (Ita)**

[The clinical management of hemophiliacs. The first report--dental extraction] Mimaya J, et al. **Jap J Clin Hematol 14:129-35, Feb 73 (Eng. Abstr.) (Jap)**

[Analysis on the protective effect of anti-kinin and anti-kinin forming enzymes in experimental shock] Hemmi H. **Jap J Surg 73:808-20, Jul 72 (Jap)**

[Use of antifibrinolytics in surgery] Bošković S, et al. **Med Arh 26:233-8, Jul-Aug 72 (Eng. Abstr.) (Cro)**

ANTITHROMBIN

Inhibition of trypsin and thrombin by amidinophenyl esters of aromatic carboxylic acids. Markwardt F, et al. **Acta Biol Med Ger 28:k19-25, 1972**

Fibrinolysis and haemostasis. Castaldi PA, et al. **Aust NZ J Med 2:113-7, May 72**

Effect of intravenous prostaglandin E 2 on platelet function, coagulation, and fibrinolysis. Howie PW, et al. **J Clin Pathol 26:355-8, May 73**

Chandler's thrombi as agents for the assessment of anti-thrombotic drugs in vitro. Lawson DH, et al. **J Clin Pathol 26:452-3, Jun 73**

Antithrombin 3 and oestrogen content of oral contraceptives. Howie PW, et al. **Lancet 1:1455, 23 Jun 73**

Studies on blood coagulation. II. Kinetic study of the interaction between antihemophilic globulin and antithrombin 3 in normal and hemophilic sera. Gang NF, et al. **Mt Sinai J Med NY 39:429-34, Sep-Oct 72**

[Inactivation of trypsin and thrombin by 4-amidinobenzolsulfofluoride and 4-(2-aminoethyl)-benzolsulfofluoride] Walsmann P, et al. **Acta Biol Med Ger 28:577-85, 1972 (Eng. Abstr.) (Ger)**

[Hirudin and other thrombin inhibitors from blood-sucking animals] Landmann H. **Folia Haematol (Leipz) 98:437-45, 1972 (Ger)**

[Fibrinogen and fibrin degradation products] Fujimaki M, et al. **Jap J Clin Pathol 21:31-6, Jan 73 (42 ref.) (Jap)**

[Determination of PIVKA inhibitor in differential diagnosis of jaundice] Uszyński L. **Pol Arch Med Wewn 50:681-5, Jul 73 (Eng. Abstr.) (Pol)**

[Role of the vascular wall in the process of hemostasis] Kuznik BI. **Usp Sovrem Biol 75:61-85, Jan-Feb 73 (258 ref.) (Rus)**

[Hemocoagulation and fibrinolytic properties of the gastric wall involved in ulcerous and cancerous processes] Kal'chenko II, et al. **Vestn Khir 110:3-8, Apr 73 (Eng. Abstr.) (Rus)**

ANALYSIS

Lack of coagulation defect after terminating second-trimester pregnancy by the catheter technique. Beller FK, et al. **Am J Obstet Gynecol 115:822-6, 15 Mar 73**

The purification and mechanism of action of human antithrombin-heparin cofactor. Rosenberg RD, et al. **J Biol Chem 248:6490-505, 25 Sep 73**

Antithrombin-3 deficiency in a Dutch family. Meer J van der, et al. **J Clin Pathol 26:532-8, Jul 73**

Antithrombin 3 and the estrogen content of combined estro-progestagen contraceptives. Conard J, et al. **Lancet 2:1148-9, 25 Nov 72**

Postoperative antithrombin. 3. Donati MB, et al. **Lancet 1:726-7, 31 Mar 73**

Circulating anticoagulants in the newborn: relation to hypercoagulability and the idiopathic respiratory distress syndrome. Mahasandanan C, et al. **Pediatr Res 7:670-3, Jul 73**

Discrepancy between thrombotest and normotest--an indicator of disseminated intravascular coagulation (DIC)? Slaastad RA, et al. **Scand J Haematol 9:411-6, 1972**

A survey of the production of plasma derivatives for clinical use. Schwick HG. **Vox Sang 23:82-91, Jul-Aug 72**

[Fibrinolysis, fibrinogen and stability of fibrin in the newborn infants] Hrodek O. **Cesk Pediatr 28:54-7, Feb 73 (Eng. Abstr.) (Cze)**

[Normal values of leukocytes, basophilic granulocytes and antithrombin activities in blood donors] Frick G, et al. **Folia Haematol (Leipz) 99:87-97, 1973 (Eng. Abstr.) (Ger)**

[Physiological inhibitors of thrombin and thrombin synthesis] Schröer H. **Folia Haematol (Leipz) 99:212-22, 1973 (34 ref.) (Eng. Abstr.) (Ger)**

[Efficiency and limits of blood coagulation tests] Róka L. **Internist (Berlin) 14:149-53, Apr 73 (Ger)**

[Efficiency and limits of immunologic methods in the diagnosis of blood coagulation] Schwick HG, et al. **Internist (Berlin) 14:160-9, Apr 73 (Ger)**

[Coagulation parameters in mother and newborn infant] Biland L, et al. **Schweiz Med Wochenschr 102:1611-2, 4 Nov 72 (Eng. Abstr.) (Ger)**

[The behaviour of physiologic inhibitors of blood coagulation and of the thrombelastogram in pregnancy] Tismer R, et al. **Z Geburtshilfe Perinatol 176:193-201, Jun 72 (Eng. Abstr.) (Ger)**

[Natural inhibitors of coagulation in surgery as compared to blood donors] Frick G, et al. **Zentralbl Chir 97:1535-40, 28 Oct 72 (Ger)**

[The coagulation and fibrinolytic properties of rabbit erythrocytes] Potekhin KG, et al. **Biol Nauki 3:47-51, 1972 (Rus)**

[The antithrombin test in the process of treating patients with chronic pancreatitis] Orlov OB. **Vrach Delo 9:71-3, Sep 72 (Rus)**

ANTAGONISTS & INHIBITORS

Effect of estrogens on postpartum hypercoagulability and antithrombin 3 activity. Kaulla E von, et al. **Am J Obstet Gynecol 113:920-6, 1 Aug 72**

Inactivation of antithrombin 3 by fatty acids. Heimburger N. **Hoppe Seylers Z Physiol Chem 353:1957-61, Dec 72**

BLOOD

Changes in antithrombin 3 levels following cessation of anticoagulant therapy. Refvem O, et al. **Acta Med Scand 193:307-9, Apr 73**

Concentration of antithrombin 3 during combined and progestogen-only oral contraceptive treatment. Larsson-Cohn U, et al. **Acta Obstet Gynecol Scand 51:315-7, 1972**

Effect of estrogens on postpartum hypercoagulability and antithrombin 3 activity. Kaulla E von, et al. **Am J Obstet Gynecol 113:920-6, 1 Aug 72**

Postoperative antithrombin-3 concentration. Stathakis N, et al. **Lancet 1:430, 24 Feb 73**

Antithrombin 3 and oestrogen content of oral contraceptives. Zuck TF, et al. **Lancet 1:831, 14 Apr 73**

Thrombotic predisposition associated with oral contraceptives. Zuck TF, et al. **Obstet Gynecol 41:427-35, Mar 73**

Behaviour of antithrombin 3 in liver disease. Duckert F. **Scand J Gastroenterol [Suppl] 19:109-12, 1973**

Value of Normotest and antithrombin 3 in the assessment of liver function. Mannucci L, et al. **Scand J Gastroenterol [Suppl] 19:103-7, 1973**

The significance of plasma inhibitor(s) in the control of fibrinolytic (plasmin) activity in blood. Monkhouse FC, et al. **Thromb Diath Haemorrh** 28:367-75, 31 Dec 72

[Hemostatic disorders in the treatment of leukoblastosis with L-asparaginase (crasnitin)] Genova V. **Vutr Boles** 12:43-9, 1973 (Eng. Abstr.) **(Bul)**

[Hypercalcemia and antithrombin activity in a case of IgA myeloma] Baele G, et al. **Ned Tijdschr Geneeskd** 116:1444-50, 12 Aug 72 (Eng. Abstr.) **(Dut)**

[Case report on the CRST-syndrome. (Calcinosis cutis, Raynaud's phenomenon, sclerodactylia, telangiectasia)] Pöhler H, et al. **Dermatol Monatsschr** 158:660-5, Sep 72 (Eng. Abstr.) **(Ger)**

[Application of new methods for studies in the area of blood coagulation. 3. Gel diffusion test for quantitative determination of total antithrombin capacity of plasma] Doleschel W. **Wien Med Wochenschr** 122:601-6, 14 Oct 72 **(Ger)**

[Method of determining total antithrombin activity, antithrombins II, 3 and IV] Babich VP, et al. **Lab Delo** 8:467-70, 1972 **(Rus)**

[Mechanism of increased blood coagulability in the early periods following sonic action] Byshevskii ASh, et al. **Patol Fiziol Eksp Ter** 16:73-4, Nov-Dec 72 (Eng. Abstr.) **(Rus)**

CHEMICAL SYNTHESIS

Synthetic low molecular weight inhibitors of thrombin. Geratz JD. **Folia Haematol (Leipz)** 98:455-70, 1972

Antithrombotic effect of synthetic thrombin inhibitors. Klöcking HP. **Folia Haematol (Leipz)** 98:483-7, 1972

[Modification of thrombin activity by synthetic serine proteinase inhibitors] Walsmann P. **Folia Haematol (Leipz)** 98:471-82, 1972 **(Ger)**

CLASSIFICATION

[Physiological inhibitors of thrombin and thrombin synthesis] Schröer H. **Folia Haematol (Leipz)** 99:212-22, 1973 (34 ref.) (Eng. Abstr.) **(Ger)**

ISOLATION & PURIFICATION

Antithrombin action of fibrinogen degradation products (FDP). Kopeć M, et al. **Folia Haematol (Leipz)** 98:417-25, 1972

The purification and mechanism of action of human antithrombin-heparin cofactor. Rosenberg RD, et al. **J Biol Chem** 248:6490-505, 25 Sep 73

METABOLISM

Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA. **Ann Clin Lab Sci** 1:139-54, Sep-Oct 71 (46 ref.)

The purification and mechanism of action of human antithrombin-heparin cofactor. Rosenberg RD, et al. **J Biol Chem** 248:6490-505, 25 Sep 73

Role for a 2 -macroglobulin in haemostatic balance. Rinderknecht H, et al. **Nature [New Biol]** 239:116-7, 27 Sep 72

The relevance of blood clotting tests in chronic aggressive hepatitis. Coccheri S, et al. **Scand J Gastroenterol [Suppl]** 19:97-101, 1973

[Human thrombin inhibitors (2 -macroglobulin and antithrombin 3) during and after surgical and gynecologic-obstetrical intervention] Fischer M. **Folia Haematol (Leipz)** 98:397-407, 1972 **(Ger)**

[Physiological inhibitors of thrombin and thrombin synthesis] Schröer H. **Folia Haematol (Leipz)** 99:212-22, 1973 (34 ref.) (Eng. Abstr.) **(Ger)**

[Behavior of the progessive antithrombin during long-term anticoagulant therapy (Vitamin K antagonists)] Scheel H, et al. **Z Gesamte Inn Med** 28:38-41 passim, 1 Feb 73 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

Evaluation of three methods for plasma fibrinogen determination. Stevens DJ, et al. **Am J Clin Pathol** 60:182-7, Aug 73

Antithrombotic effect of synthetic thrombin inhibitors. Klöcking HP. **Folia Haematol (Leipz)** 98:483-7, 1972

Studies on the activation of human factor XIII. Sheltawy MJ, et al. **Thromb Diath Haemorrh** 28:473-82, 31 Dec 72

[Modification of thrombin activity by synthetic serine proteinase inhibitors] Walsmann P. **Folia Haematol (Leipz)** 98:471-82, 1972 **(Ger)**

[Human acrosin: kinetics of the inhibition by inhibitors from human sera] Fritz H, et al. **Hoppe Seylers Z Physiol Chem** 353:1953-6, Dec 72 (Eng. Abstr.) **(Ger)**

PHYSIOLOGY

Factor-Xa inactivation by antithrombin. 3. Evidence for biological stabilization of factor Xa by factor V-phospholipid complex. Marciniak E. **Br J Haematol** 24:391-400, Mar 73

Thrombin inhibiting action of heparin. Abildgaard U. **Folia Haematol (Leipz)** 98:408-16, 1972 (31 ref.)

Role for a 2 -macroglobulin in haemostatic balance. Rinderknecht H, et al. **Nature [New Biol]** 239:116-7, 27 Sep 72

[Use of new methods for studies of blood coagulation. II. Clot-sedimentation-technic for the determination of antithrombin I effect of fibrin] Dolesobel W. **Wien Med Wochenschr** 122:585-90, 7 Oct 72 **(Ger)**

THERAPEUTIC USE

Antithrombotic effect of synthetic thrombin inhibitors. Klöcking HP. **Folia Haematol (Leipz)** 98:483-7, 1972

BISHYDROXYCOUMARIN

Organizational changes in phospholipid multibilayers induced by uncouplers of oxidative phosphorylation: a spin label study. Verma SP, et al. **Arch Biochem Biophys** 154:400-6, Jan 73

The purification and properties of an abnormal prothrombin protein produced by dicumarol-treated cows. A comparison to normal prothrombin. Nelsestuen GL, et al. **J Biol Chem** 247:8176-82, 25 Dec 72

Vitamin K and the biosynthesis of prothrombin. II. Structural comparison of normal and dicoumarol-induced bovine prothrombin. Stenflo J. **J Biol Chem** 247:8167-75, 25 Dec 72

Vitamin K and the biosynthesis of prothrombin. I. Identification and purification of a dicoumarol-induced abnormal prothrombin from bovine plasma. Stenflo J, et al. **J Biol Chem** 247:8160-6, 25 Dec 72

Bioavailability of dicumarol from different commercial tablets in dogs. Akers MJ, et al. **J Pharm Sci** 62:1192-3, Jul 73

ADMINISTRATION & DOSAGE

Coumarin resistance in a Negro woman. Zager J, et al. **Ann Intern Med** 78:775-6, May 73

Effect of non-narcotic analgesics on anticoagulant-induced hypoprothrombinemia in rats. Zawidzka ZZ, et al. **Experientia** 28:1482-3, 15 Dec 72

Bioavailability of dicumarol from different commercial tablets in dogs. Akers MJ, et al. **J Pharm Sci** 62:1192-3, Jul 73

On the therapeutic use of dicoumarin in Merino sheep. Irwin DH, et al. **J S Afr Vet Med Assoc** 42:19-29, Mar 71

[Prevention of embolism in mitral-valve lesions with anticoagulants. (Long-term observations on patients with and without discoumarol treatment)] Loogen F, et al. **Dtsch Med Wochenschr** 97:1845-9, 1 Dec 72 (Eng. Abstr.) **(Ger)**

[Hyperfibrinogemia following activator therapy] Zawilska K, et al. **Acta Haematol Pol** 3:53-8, Jan-Mar 72 (Eng. Abstr.) **(Pol)**

[Results of long-term administration of anticoagulants in patients with myocardial infarct and coronary arterial disease without infarct] Koroiko A. **Pol Tyg Lek** 27:1897-900, 27 Nov 72 (Eng. Abstr.) **(Pol)**

ADVERSE EFFECTS

Neurosurgical complications of anticoagulant therapy. Sreerama V, et al. **Can Med Assoc J** 108:305-7, 3 Feb 73

Advances in pharmacogenetics. Vesell ES.
Prog Med Genet 9:291-367, 1973 (200 ref.)
[Prevention of embolism in mitral-valve lesions with anticoagulants. (Long-term observations on patients with and without discoumarol treatment)] Loogen F, et al.
Dtsch Med Wochenschr 97:1845-9, 1 Dec 72 (Eng. Abstr.) **(Ger)**
[Intramural hematomas of the small intestine in dicumarol treatment] Härtel M.
Fortschr Geb Roentgenstr Nuklearmed 117:306-11, Sep 72 (Eng. Abstr.) **(Ger)**

ANALYSIS

Metabolism of dicoumarol by liver microsomes from untreated and phenobarbital treated rats. Christensen F.
Biochem Pharmacol 21:2303-11, 1 Sep 72
Bioavailability of dicumarol from different commercial tablets in dogs. Akers MJ, et al.
J Pharm Sci 62:1192-3, Jul 73
Kinetics of anticoagulant effect of dicumarol in rats. Wingard LB Jr, et al.
J Pharmacol Exp Ther 184:253-60, Jan 73

ANTAGONISTS & INHIBITORS

Effect of non-narcotic analgesics on anticoagulant-induced hypoprothrombinemia in rats. Zawidzka ZZ, et al. **Experientia** 28:1482-3, 15 Dec 72
[New plasma derivatives] Soulier JP.
Rev Prat 22:1465-6 passim, 21 Mar 72 **(Fre)**

BLOOD

Ultraviolet spectrophotometric analysis of barbiturates: evaluation of potential interferences. Jatlow P. **Am J Clin Pathol** 59:167-73, Feb 73
Effect of salicylate on the fate of bishydroxycoumarin in the rat. Thomas BH, et al.
Can J Physiol Pharmacol 51:205-12, Mar 73
Effect of coadministration of aluminum and magnesium hydroxides on absorption of anticoagulants in man. Ambre JJ, et al.
Clin Pharmacol Ther 14:231-7, Mar-Apr 73
An autoradiographic study of the distribution and excretion of 14C-dicoumarol in the rat. Maines MD, et al. **Comp Gen Pharmacol** 2:184-8, Jun 71
A statistical approach to pharmacokinetic calculations. Saunders L, et al.
J Pharm Pharmacol 24:Suppl:94P-99P, Dec 72
Alterations in absorption of dicumarol by various excipient materials. Akers MJ, et al.
J Pharm Sci 62:391-5, Mar 73
Bioavailability of dicumarol from different commercial tablets in dogs. Akers MJ, et al.
J Pharm Sci 62:1192-3, Jul 73
Effect of various steroids and ACTH on plasma levels of zoxazolamine and dicumarol. Kourounakis P, et al.
J Pharm Sci 62:690-2, Apr 73
Kinetics of anticoagulant effect of dicumarol in rats. Wingard LB Jr, et al.
J Pharmacol Exp Ther 184:253-60, Jan 73

METABOLISM

Pharmacogenetics: defective enzymes in relation to reactions to drugs. La Du BN.
Annu Rev Med 23:453-68, 1972 (125 ref.)
Metabolism of dicoumarol by liver microsomes from untreated and phenobarbital treated rats. Christensen F.
Biochem Pharmacol 21:2303-11, 1 Sep 72
Effect of salicylate on the fate of bishydroxycoumarin in the rat. Thomas BH, et al.
Can J Physiol Pharmacol 51:205-12, Mar 73
An autoradiographic study of the distribution and excretion of 14C-dicoumarol in the rat. Maines MD, et al. **Comp Gen Pharmacol** 2:184-8, Jun 71
Effect of halofenate on binding of various drugs to human plasma proteins and on the plasma half-life of antipyrine in monkeys. Hucker HB, et al.
J Pharm Sci 61:1490-2, Sep 72

PHARMACODYNAMICS

Relation between ANS fluorescence and energy states of mitochondria. Utsumi K, et al.
Acta Med Okayama 25:179-87, Jun 71
Binding of Ca 2+ to normal and dicoumarol-induced prothrombin. Stenflo J, et al.
Biochem Biophys Res Commun 50:98-104, 4 Jan 73
Effects of dicoumarol, insulin and anoxia on rat diaphragm. II. Penetration of sugars. Salinas M, et al.
Biochem Pharmacol 22:895-904, 15 Apr 73
Effects of dicoumarol, insulin and anoxia on rat diaphragm. I. Effect on respiration, extra-cellular space and water content. Salinas M, et al.
Biochem Pharmacol 22:887-94, 15 Apr 73
The complexity of the inhibitory action of dicoumarol on the mixed function oxidase system of rat liver microsomes. Wissing F, et al.
Biochem Pharmacol 22:581-9, 1 Mar 73
Mode of action of vitamin K. Calcium binding properties of bovine prothrombin. Nelsestuen GL, et al. **Biochemistry** 11:4961-4, 19 Dec 72
Effect of dicumarol on rat liver slice glycoprotein synthesis. Pereira MA, et al.
Experientia 28:1170-1, 15 Oct 72
Electron transport system associated with membranes of Bacillus cereus during vegetative growth and sporulation. Felix JA, et al.
J Bacteriol 115:552-9, Aug 73
The redox reactions in propionic acid fermantation. I. Occurrence and nature of an electron transfer system in Propionibacterium arabinosum. Sone N.
J Biochem (Tokyo) 71:931-40, Jun 72
Kinetic study of the effect of uncouplers on substrate uptake by rat-liver mitochondria. Prezioso G, et al.
J Bioenerg 3:377-85, Aug 72
Vitamin K and the biosynthesis of prothrombin. 3. Structural comparison of an NH2-terminal fragment from normal and from dicoumarol-induced bovine prothrombin. Stenflo J.
J Biol Chem 248:6325-32, 25 Sep 73
Alterations in absorption of dicumarol by various excipient materials. Akers MJ, et al.
J Pharm Sci 62:391-5, Mar 73
Bioavailability of dicumarol from different commercial tablets in dogs. Akers MJ, et al.
J Pharm Sci 62:1192-3, Jul 73
Kinetics of anticoagulant effect of dicumarol in rats. Wingard LB Jr, et al.
J Pharmacol Exp Ther 184:253-60, Jan 73
On the therapeutic use of dicoumarin in Merino sheep. Irwin DH, et al. **J S Afr Vet Med Assoc** 42:19-29, Mar 71
Atypical prothrombin in purified preparations from dicoumarol-treated steers. Malhotra OP.
Life Sci [II] 11:901-7, 22 Sep 72
Atypical prothrombins induced by dicoumarol. Malhotra OP. **Nature [New Biol]** 239:59-60, 13 Sep 72
The nature of the heterogeneity of prothrombin during dicoumarol therapy. Morrison SA, et al.
Nature [New Biol] 242:92-4, 21 Mar 73
The effect of dicoumarol and aesculine on the accumulation of D-galactose by the intestinal rings of hamsters. Bolufer J, et al.
Pfluegers Arch 338:159-67, 22 Jan 73
Animal models useful in the study of thrombosis and antithrombotic agents. Didisheim P.
Prog Hemostasis Thromb 1:165-97, 1972 (235 ref.)
[The substitution of tritium labelled vitamin K3 under Marcumar treatment] Ritzl F.
Nucl Med (Stuttg) 9:401-4, 1971 **(Ger)**

THERAPEUTIC USE

An evaluation of early thrombosis prophylaxis following fracture of the femoral neck. A comparison between dextran and dicoumarol. Bergquist E, et al.
Acta Chir Scand 138:689-93, 1972
Anticoagulant treatment during and after embolectomy. Holm J, et al.
Acta Chir Scand 138:683-7, 1972
Postoperative thromboembolism and its prevention with 500 ml dextran given during operation with a special study of the venous flow pattern in the lower extremities. Jansen H.
Acta Chir Scand [Suppl] 427:1-73, 1972
Coumarin resistance in a Negro woman. Zager J, et al.
Ann Intern Med 78:775-6, May 73
Neurosurgical complications of anticoagulant therapy. Sreerama V, et al. **Can Med Assoc J** 108:305-7, 3 Feb 73
A note on the use of anticoagulant therapy in chronic brain syndrome. Lukas ER, et al.
J Am Geriatr Soc 21:224-5, May 73
On the therapeutic use of dicoumarin in Merino sheep. Irwin DH, et al. **J S Afr Vet Med Assoc** 42:19-29, Mar 71
Anticoagulant therapy after acute myocardial

infarction. Relation of therapeutic benefit to patient's age, sex, and severity of infarction. Drapkin A, et al. **JAMA** 222:541-8, 30 Oct 72

Incorporation of 125 I-labelled fibrinogen into coronary arterial thrombi in acute myocardial infarction in man. Erhardt LR, et al. **Lancet** 1:387-90, 24 Feb 73

The nature of the heterogeneity of prothrombin during dicoumarol therapy. Morrison SA, et al. **Nature [New Biol]** 242:92-4, 21 Mar 73

Anticoagulants: a guide for practitioners. Kingdon HS. **Postgrad Med** 54:61-5, Aug 73

Leg vein thrombosis diagnosed by 125 I-fibrinogen test in patients with fracture of the hip: a study of the effect of early prophylaxis with dicoumarol or dextran 70. Bergqvist D, et al. **Vasa** 2:121-6, 1973

[Intramural hematomas of the small intestine in dicumarol treatment] Härtel M. **Fortschr Geb Roentgenstr Nuklearmed** 117:306-11, Sep 72 (Eng. Abstr.) **(Ger)**

[The substitution of tritium labelled vitamin K3 under Marcumar treatment] Ritzl F. **Nucl Med (Stuttg)** 9:401-4, 1971 **(Ger)**

[Dosage and laboratory control in thrombolytic therapy with streptokinase] Donner L. **Kardiologiia** 12:36-9, Nov 72 (Eng. Abstr.) **(Rus)**

[Dicumarol treatment] Stölten C. **Tidskr Sver Sjukskot** 40:44-5, 22 Feb 73 **(Swe)**

URINE

Effect of salicylate on the fate of bishydroxycoumarin in the rat. Thomas BH, et al. **Can J Physiol Pharmacol** 51:205-12, Mar 73

BLOOD COAGULATION

The effect of lipids on platelets, blood coagulation and fibrinolysis. Verstraete M. **Acta Cardiol (Brux) Suppl** 25:37-47, 1972

Interaction of platelets with ascitic plasmacytoma in vitro. Pedio G, et al. **Acta Haematol (Basel)** 49:48-56, 1973

Immunoelectrophoretic study on the Postmortem cadaver blood in sudden death. Haba K. **Acta Haematol Jap** 34:219-27, Apr 71

Coagulation and fibrinolysis in a patient with extracorporeal liver perfusion. Lukasiewicz H, et al. **Acta Med Pol** 14:79-82, 1973

Blood coagulation, fibrinolysis and platelet function in women aged 38, 46, 50, 54 and 60. The study of women in Gothenburg 1968-1969. Korsan-Bengtsen K, et al. **Acta Med Scand** 193:543-6, Jun 73

Blood coagulation and fibrinolysis in relation to degree of physical activity during work and leisure time. A study based on a random sample of 54-year-old men. Korsan-Bengtsen K, et al. **Acta Med Scand** 193:73-7, Jan-Feb 73

Platelet factor 3--properties and clinical significance. De Gaetano G, et al. **Adv Exp Med Biol** 34:159-72, 1972

Platelet factor-4--properties and clinical significance. Donati MB, et al. **Adv Exp Med Biol** 34:173-89, 1972

Coagulation changes in healthy and sick pacific salmon. Hougie C. **Adv Exp Med Biol** 22:89-102, 1972

Comparative cardiovascular adaptation to exercise in animals and man and its relevance to coronary heart disease. Leon AS. **Adv Exp Med Biol** 22:143-74, 1972

The role of platelets in arterial and venous thrombosis. Thomas DP. **Adv Exp Med Biol** 34:23-42, 1972 (74 ref.)

Microcirculatory pathology. Penner JA. **Adv Otorhinolaryngol** 20:236-43, 1973

Blood coagulation during critical decompression following diving experiments with oxygen-helium. Bonin B, et al. **Aerosp Med** 44:508-12, May 73

Accelerated coagulation of whole blood and cell-free plasma by bubbling in vitro. Hallenbeck JM, et al. **Aerosp Med** 44:712-4, Jul 73

The role of the platelet membrane in platelet function. I. Blood coagulation. Glynn MF. **Am J Clin Pathol** 60:309-13, Sep 73

Coagulation in cyanotic congenital heart disease. Wedemeyer AL, et al. **Am J Dis Child** 124:656-60, Nov 72

Plasma fibrinogen determination by automated thrombin time. Okuno T, et al. **Am J Med Technol** 38:196-201, Jun 72

A simple method for preparation of nonanticoagulated smears in quantity. Steinlicht S. **Am J Med Technol** 38:229-30, Jun 72

Vascular hemostasis: a review. Stevens DJ. **Am J Med Technol** 39:252-7, Jun 73 (50 ref.)

Coagulation changes in saline-induced abortion. Laros RK Jr, et al. **Am J Obstet Gynecol** 116:271-6, 15 May 73

Reactions of blood with nonbiologic surfaces. Ultrastructural and clotting studies with normal and coagulation factor deficient bloods. Mason RG, et al. **Am J Pathol** 69:271-88, Nov 72

Mesothelial injury and recovery. Ryan GB, et al. **Am J Pathol** 71:93-112, Apr 73

Effects of autotransfusion on blood elements. Bennett SH, et al. **Am J Surg** 125:273-9, Mar 73

Clinical considerations for the anesthesiologist whose patient is on anticoagulant therapy. Ellison N, et al. **Anesthesiology** 39:328-36, Sep 73 (57 ref.)

Biochemistry and physiology of blood platelets. Holmsen H, et al. **Ann Clin Lab Sci** 1:38-47, Jul-Aug 71

Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA. **Ann Clin Lab Sci** 1:139-54, Sep-Oct 71 (46 ref.)

Improvement in the anemia of chronic renal failure with fluoxymesterone. Eschbach JW, et al. **Ann Intern Med** 78:527-32, Apr 73

Abnormalities in the platelet-collagen reaction. Caen JP, et al. **Ann NY Acad Sci** 201:194-204, 27 Oct 72

Physiological inhibition of factor XIII. Cataldo F de, et al. **Ann NY Acad Sci** 202:341-3, 8 Dec 72

Comparative studies on tissue transglutaminase and factor XIII. Chung SI. **Ann NY Acad Sci** 202:240-55, 8 Dec 72

Correlation of the mode of fibrin polymerization with the pattern of cross-linking. Doolittle RF, et al. **Ann NY Acad Sci** 202:114-26, 8 Dec 72

Documentation of the plasma factor XIII deficiency in man. Duckert F. **Ann NY Acad Sci** 202:190-9, 8 Dec 72

Human fibrinogen free of factor XIII: the pursuit of biological zero. Finlayson JS. **Ann NY Acad Sci** 202:149-54, 8 Dec 72

Structure and catalytic properties of hepatic transglutaminase. Folk JE. **Ann NY Acad Sci** 202:59-76, 8 Dec 72

Hereditary aspects of fibrin cross-linking. Hampton JW, et al. **Ann NY Acad Sci** 202:204-12, 8 Dec 72

Carboxyl-terminal structures of mammalian fibrinogen and fibrin. Iwanaga S, et al. **Ann NY Acad Sci** 202:308-17, 8 Dec 72

Our ancient heritage in blood clotting and some of its consequences. Laki K. **Ann NY Acad Sci** 202:297-307, 8 Dec 72

Clot stabilization and atherosclerosis. Laki K, et al. **Ann NY Acad Sci** 202:235-9, 8 Dec 72

The role of convection and diffusion on platelet adhesion and aggregation. Leonard EF, et al. **Ann NY Acad Sci** 201:329-42, 27 Oct 72

Hemorrhagic disease associated with inhibitors of fibrin cross-linkage. Lewis JH. **Ann NY Acad Sci** 202:213-9, 8 Dec 72

Some thoughts on the state in nature, biosynthetic origin, and function of factor XIII. Loewy AG. **Ann NY Acad Sci** 202:41-58, 8 Dec 72

Fibrinoligase: the fibrin-stabilizing factor system of blood plasma. Lorand L. **Ann NY Acad Sci** 202:6-30, 8 Dec 72 (75 ref.)

Titration of the acceptor cross-linking sites in fibrin. Lorand L, et al. **Ann NY Acad Sci** 202:155-71, 8 Dec 72

Polypeptide chains of human fibrin: molecular organization in cross-linking. McDonagh RP Jr, et al. **Ann NY Acad Sci** 202:335-40, 8 Dec 72

Cross-linking of fibrin by fibrin=stabilizing factor. McKee PA, et al. **Ann NY Acad Sci** 202:127-48, 8 Dec 72 (37 ref.)

Modification of platelet function. Mustard JF, et al. **Ann NY Acad Sci** 201:343-59, 27 Oct 72

Fibrin cross-linkage, thrombosis and pregnancy. Padar E. **Ann NY Acad Sci** 202:230-4, 8 Dec 72

Epsilon-(gamma-glutamyl) lysine cross-links: determination in fibrin from normal and factor XIII-deficient individuals. Pisano JJ, et al. **Ann NY Acad Sci** 202:98-113, 8 Dec 72

Fibrin cross-linking and heredity. Ratnoff OD, et al. **Ann NY Acad Sci** 202:186-9, 8 Dec 72

Tissue transamidases, fibrin stabilization and clot lysis. Tyler HM. **Ann NY Acad Sci** 202:273-85, 8 Dec 72 (39 ref.)

Abnormalities in platelet function due to defects in the release reaction. Weiss HJ. **Ann NY Acad Sci** 201:161-73, 27 Oct 72

Transglutaminase and tumor growth. Yancey ST, et al. **Ann NY Acad Sci** 202:344-8, 8 Dec 72

Fresh autologous blood transfusions with extracorporeal circulation. Ochsner JL, et al. **Ann Surg** 177:811-7, Jun 73

Coagulation studies in haemolytic uraemic syndrome. Willoughby ML, et al. **Arch Dis Child** 47:766-71, Oct 72

The vitreous. Jaffe NS. **Arch Ophthalmol** 90:69-82, Jul 73 (67 ref.)

Ultrapore hemofiltration. The effects on the coagulation and fibrinolytic mechanisms in fresh and stored blood. Gervin AS, et al. **Arch Surg** 106:333-6, Mar 73

Inter-relationships between platelet response to adenosine diphosphate, blood coagulation and serum lipids in patients with peripheral occlusive atherosclerosis. Cotton RC, et al. **Atherosclerosis** 16:337-48, Nov-Dec 72

Blood coagulation and fibrinolysis in man after myocardial infarction compared with a representative population sample. Korsan-Bengtsen K, et al. **Atherosclerosis** 16:83-8, Jul-Aug 72

Intravital microscopy and histology of the generalized Shwartzman reaction in rabbits passively tolerant to endotoxin. Böttcher D, et al. **Beitr Pathol** 149:121-6, Jun 73

The purification and properties of factor X from pig serum and its role in hypercoagulability in vivo. Dupe RJ, et al. **Biochem J** 133:311-21, Jun 73

Secretory mechanisms. Behaviour of adenine nucleotides during the platelet release reaction induced by adenosine diphosphate and adrenaline. Holmsen H, et al. **Biochem J** 129:67-82, Aug 72

Mechanism of bovine prothrombin activation by an insoluble preparation of bovine factor X a (thrombokinase). Stenn KS, et al. **Biochemistry** 11:4502-15, 21 Nov 72

Interaction between proteases and bovine erythrocyte membranes. Burkholder DE, et al. **Biochim Biophys Acta** 282:135-45, 1 Sep 72

Heterogeneity of human adult and fetal fibrinogen: detection of derivatives indicative of thrombin proteolysis. Mills DA, et al. **Biochim Biophys Acta** 285:398-403, 28 Dec 72

The dynamic rigidity of fibrin gels. Fukada E, et al. **Biorheology** 10:129-38, Jun 73

Dynamic viscoelastic study of the formation of fibrin networks in fibrinogen-thrombin systems and plasma. Kaibara M. **Biorheology** 10:61-73, Mar 73

Viscoelastic properties of fibrin clots. Roberts WW, et al. **Biorheology** 10:29-42, Mar 73

Direct assessment of platelet adhesion to glass: a study of the forces of interaction and the effects of plasma and serum factors, platelet function, and modification of the glass surface. George JN. **Blood** 40:862-74, Dec 72

Immunologic identification of tissue factor (thromboplastin) synthesized by cultured fibroblasts. Zacharski LR, et al. **Blood** 41:671-8, May 73

In search of causes of ischaemic heart disease. Malhotra SL. **Br Heart J** 35:17-23, Jan 73

Variations of plasma cortisol and blood fibrinolytic activity during anaesthetic and surgical stress. Engquist A, et al. **Br J Anaesth** 44:1291-7, Dec 72

Anaesthesia in the presence of liver disease and for hepatic transplantation. Farman JV. **Br J Anaesth** 44:946-52, Sep 72 (20 ref.)

Microangiopathic haemolytic anaemia (MHA). Brain MC. **Br J Haematol** 23:Suppl:45-52, Sep 72 (70 ref.)

Studies of the procoagulant and fibrinolytic activity of promyelocytes in acute promyelocytic leukaemia. Grainick HR, et al. **Br J Haematol** 24:89-99, Jan 73

Direct determination of red cell bound antibody specificity. Lalezari P. **Br J Haematol** 24:777-92, Jun 73

Factor-Xa inactivation by antithrombin. 3. Evidence for biological stabilization of factor Xa by factor V-phospholipid complex. Marciniak E. **Br J Haematol** 24:391-400, Mar 73

Observations on the mechanism of the haematological changes in the haemolytic uraemic syndrome of infancy. Metz J. **Br J Haematol** 23:Suppl:53-9, Sep 72

Studies on blood coagulation, fibrinolysis and platelet function following exercise in normal and splenectomized people. Prentice CR, et al. **Br J Haematol** 23:541-52, Nov 72

Platelets and initiation of intrinsic clotting. Schiffman S, et al. **Br J Haematol** 24:633-42, May 73

Platelet coagulant activities in thrombasthenia. Walsh PN. **Br J Haematol** 23:553-69, Nov 72

Reference method for the erythrocyte sedimentation rate (ESR) test on human blood. **Br J Haematol** 24:671-3, May 73

Blood clotting and fibrinolysis in areas with different water supplies. Elwood PC, et al. **Br J Prev Soc Med** 26:246-8, Nov 72

Alteration in fibrinolysis associated with surgery and venous thrombosis. Mansfield AO. **Br J Surg** 59:754-7, Oct 72

A model which can be used to improve the treatment of acute hepatic failure. Winch J. **Br J Surg** 59:771-6, Oct 72

Bright's disease today: the pathogenesis and treatment of glomerulonephritis. II. Cameron JS. **Br Med J** 4:160-3 contd, 21 Oct 72

AHF-related protein and precipitation reactions. Ekert H, et al. **Br Med J** 4:789, 30 Dec 72

Haemostatic changes during dialysis associated with thrombus formation on dialysis membranes. Lindsay RM, et al. **Br Med J** 4:454-8, 25 Nov 72

Cardiovascular disease in the tropics. IV. Coronary heart disease. Shaper AG. **Br Med J** 4:32-5, 7 Oct 72 (82 ref.)

Cellular control of blood coagulation. 3. The response of platelets to adrenaline. Kowarzyk H, et al. **Bull Acad Pol Sci [Biol]** 20:755-9, 1972

Studies on diabetic retinal vascular changes with special reference to blood coagulation and viscosity. Labib MA, et al. **Bull Ophthalmol Soc Egypt** 64:457-82, 1971

Pathophysiology of shock secondary to underwater decompression sickness. Cockett AT. **Bull Soc Int Chir** 32:229-37, Mar-Apr 73

Studies of intravascular coagulation in experimental burns of dogs. Encke A, et al. **Bull Soc Int Chir** 31:445-51, Sep-Oct 72

The treatment of wounds with special reference to the value of the blood clot in the management of dead space. IV. Operations for carcinoma of the breast by William S. Halsted, M.D., reprinted from Johns Hopkins Hospital Reports, Vol. II, No. 5, 277-280, 1891. (Halsted WS), **CA** 23:96-8, Mar-Apr 73

Current transfusion therapy. Hinkes E, et al. **Calif Med** 118:38-55, May 73 (173 ref.)

The influence of cholesterol on the activity of phospholipids in blood coagulation: requirement for a liquid-crystalline lipid phase. Sterzing PR, et al. **Chem Phys Lipids** 10:137-48, Feb 73

Current status of prolonged extracorporeal membrane oxygenation for acute respiratory failure. Lefrak EA, et al. **Chest** 63:773-82, May 73 (92 ref.)

A re-evaluation of massive blood replacement. Lomanto C, et al. **Clin Anesth** 9:33-42, 1972

Comparison of rapid clottable fibrinogen assays. Davey FR, et al. **Clin Chem** 18:1360-3, Nov 72

Effect of chemical values of using polystyrene beads for serum separation. Notrica S, et al. **Clin Chem** 19:792-3, Jul 73

Assay of "soluble fibrinogen" in bloodstain extracts as an aid to identification of menstrual blood in forensic science: preliminary findings. Whitehead PH, et al. **Clin Chem** 19:762-5, Jul 73

A comparison of in vitro, immunosuppressive and clinical effects of goat and horse anti-human thymocyte globulin in Macaca monkeys. Kelly GE, et al. **Clin Exp Immunol** 13:585-94, Apr 73

Septic shock (endotoxic shock). Cavanagh D, et al. **Clin Obstet Gynecol** 16:25-39, Jun 73 (27 ref.)

A study of intravascular coagulation in immune complex glomerulonephritis by use of 131-I-labelled fibrinogen and 125I-labelled antigen. Wardle EN. **Clin Sci** 45:35-50, Jul 73

Effect of temperature and ration on blood clotting time of heat-tolerant and cold-tolerant cattle. Olbrich SE, et al. **Comp Biochem Physiol [A]** 41:267-80, 1 Feb 72

Studies of the coagulation process in the crayfish, Orconectes virilis: attempts to identify a fibrinogen-like factor. Wood PJ, et al. **Comp Biochem Physiol [B]** 42:41-8, 15 May 72

Management of dentoalveolar hemorrhage. Lapeyrolerie F. **Dent Clin North Am** 17:523-32, Jul 73

The blood coagulation and fibrinolytic enzyme systems in Africans in health and disease. Barr RD. **East Afr Med J** 50:55-8, Jan 73

On coagulation and fibrinolysis in trauma and shock. Pandolfi M, et al. **Eur Surg Res** 4:153-65, 1972

Isolation and some properties of the heparin-neutralizing factor (PF4) released from human blood platelets. Käser-Glanzmann R, et al. **Experientia** 28:1221-3, 15 Oct 72

Emotional factors in coronary disease. Zohman BL. **Geriatrics** 28:110-9, Feb 73

Tourniquet in reconstructive surgery of the hand. Wilgis EF. **Handchirurgie** 4:99-102, 1972

Acute hepatic necrosis of hepatitis and mushroom poisoning. The value of coagulation tests in their

differentiation, prognostic assessment and pathogenesis. Herold R, et al. **Helv Med Acta** 37:5-24, 1973

Plasma thrombin clotting time and plasma fibrinogen in diabetes mellitus and atherosclerosis. Banerjee RN, et al. **Indian J Med Res** 60:1432-42, Oct 72

Hazards of prolonged bed-rest. Clinical, biochemical and blood coagulation studies. Sarin RC. **Indian J Med Sci** 26:301-7, May 72

Screening of sera for antibodies to foot-and-mouth disease viral antigens by radial immunodiffusion. Wagner GG, et al. **Infect Immun** 5:227-31, Feb 72

Coagulation problems. Czapek EE. **Int Anesthesiol Clin** 11:175-201, Summer 73 (66 ref.)

Intrinsic activation of plasma kinin formation and complement. Eisen V, et al. **Int Arch Allergy Appl Immunol** 45:91-4, 1973

Platelet lipids and coagulation in plasma. II. Thromboplastic activity. Boggust WA. **Ir J Med Sci** 141:168-80, Oct-Dec 72

Platelet lipids and coagulation in plasma. I. Isolation and analysis. Boggust WA. **Ir J Med Sci** 141:128-35, Jul-Sep 72

Laboratory investigations of the DIC syndrome. Temperley IJ, et al. **Ir J Med Sci** Suppl:83-7, May 73

The purification and properties of activated factor X. Bovine factor X activated with Russell's viper venom. Radcliffe RD, et al. **J Biol Chem** 247:7735-42, 10 Dec 72

New types of synthetic infusion solutions. I. Investigation of the effect of solutions of some hydrophilic polymers on blood. Kopeček J, et al. **J Biomed Mater Res** 7:179-91, Mar 73

Studies on the nature of antihemophilic factor (factor VIII). Further evidence relating the AHF-like antigens in normal and hemophilic plasmas. Bennett B, et al. **J Clin Invest** 52:2191-7, Sep 73

Clinical physiology of the fibrinolytic enzyme system. Douglas AS, et al. **J Clin Pathol** 25:615-8, Jul 72

A clinical and experimental study of platelet function in chronic renal failure. Evans EP, et al. **J Clin Pathol** 25:745-53, Sep 72

Studies of contact activation of blood in haemodialysis. Wardle EN, et al. **J Clin Pathol** 25:1045-9, Dec 72

Changes in serum triglycerides and blood coagulation in response to acute fat loads in atherosclerotics. Higazi AM, et al. **J Egypt Med Assoc** 54:659-70, 1971

Role of the clotting system in cell-mediated hypersensitivity. I. Fibrin deposition in delayed skin reactions in man. Colvin RB, et al. **J Exp Med** 138:686-98, 1 Sep 73

Activation of the alternate complement pathway by autologous red cell stroma. Poskitt TR, et al. **J Exp Med** 138:715-22, 1 Sep 73

Platelet-dependent generation of chemotactic activity in serum. Weksler BB, et al. **J Exp Med** 137:1419-30, 1 Jun 73

Degradation products of fibrinogen and fibrin in bacteremia due to gram-negative rods. Satterwhite TK, et al. **J Infect Dis** 127:437-41, Apr 73

Blood transfusion and volume replacement--the surgeon's viewpoint. Brady MP. **J Ir Med Assoc** 66:36-9, 27 Jan 73

Studies on the product of the reaction between activated Hageman factor (factor XII) and plasma thromboplastin antecedent (factor XI). Ratnoff OD. **J Lab Clin Med** 80:704-10, Nov 72

Non-sutured nerve transplantation. (A report on animal experiments). Matras H, et al. **J Maxillofac Surg** 1:37-40, Mar 73

Blood-clotting mechanisms of nonhuman primates. Choice of the baboon model to simulate man. Todd ME, et al. **J Med Primatol** 1:132-41, 1972

The coagulation and fibrinolytic properties of peritoneal and venous blood in patients with ruptured ectopic pregnancy. Carty MJ, et al. **J Obstet Gynaecol Br Commonw** 80:701-3, Aug 73

The role of platelets in glomerulonephritis and transplantation. Wardle EN. **J R Coll Physicians Lond** 7:5-18, Oct 72 (105 ref.)

Prolonged extracorporeal respiration with a membrane gas exchanger. Awad JA, et al. **J Thorac Cardiovasc Surg** 66:40-51, Jul 73

Development of an orthotopic cardiac prosthesis. Kennedy JH, et al. **J Thorac Cardiovasc Surg** 65:673-83, May 73

Subclinical fat embolism: a prospective study of 50 patients with extremity fractures. McCarthy B, et al. **J Trauma** 13:9-16, Jan 73

Coagulation and renal disease. Kincaid-Smith P. **Kidney Int** 2:183-90, Oct 72 (99 ref.)

The role of phospholipids in haemophilia A. Kunz F, et al. **Klin Wochenschr** 50:1058-60, 15 Nov 72

A simplified technic for preparing sterile chicken serum. Coria MF, et al. **Lab Anim Sci** 23:572-4, Aug 73

Antigen-biological-activity ratio for factor VIII. Bennett B, et al. **Lancet** 1:777-8, 7 Apr 73

Heparin therapy in simian Plasmodium knowlesi malaria. Howard WA, et al. **Lancet** 2:738-9, 7 Oct 72

The bleeding-time. O'Brien JR. **Lancet** 2:653, 23 Sep 72

Bleeding-time. Quick AJ. **Lancet** 2:871, 21 Oct 72

Intravascular coagulation and pre-eclamptic toxaemia. Wardle EN. **Lancet** 1:694-5, 25 Mar 72

Should we stand all day? **Lancet** 2:81, 14 Jul 73

Studies on stress-susceptibility: the relationship between serum enzyme changes and the degree of stress-susceptibility. Reddy MV, et al. **Life Sci [II]** 10:1381-91, 22 Dec 71

Diagnosis of hemorrhagic disorders. Nemerson Y. **Med Clin North Am** 57:531-41, Mar 73 (30 ref.)

Hemophilia. Schick PK. **Med Clin North Am** 57:1095-106, Jul 73 (52 ref.)

Bleeding disorders due to abnormal platelet function. Weiss HJ. **Med Clin North Am** 37:517-30, Mar 73 (58 ref.)

Interfacial phenomena and biomaterials. Andrade JD. **Med Instrum** 7:110-9, Mar-Apr 73 (77 ref.)

The role of platelets in blood coagulation. Possible significance for hemostasis. Walsh PN. **Medicina (B Aires)** 33:163-80, Mar-Apr 73 (Eng. Abstr.) (Rus)

Physiologic implications of prostaglandin radioimmunoassay. Jaffe BM, et al. **Metabolism** 22:1129-37, Aug 73 (41 ref.)

The role of blood flow in platelet adhesion, fibrin deposition, and formation of mural thrombi. Baumgartner HR. **Microvasc Res** 5:167-79, Mar 73

Evaluation of undefined material present in stored blood infusion. Shields CE. **Milit Med** 136:351-3, Apr 71

The mechanisms of venous thrombosis. Anticoagulants, aspirin, and heparin. O'Brien JR. **Mod Concepts Cardiovasc Dis** 42:11-5, Mar 73 (14 ref.)

Studies on blood coagulation. II. Kinetic study of the interaction between antihemophilic globulin and antithrombin 3 in normal and hemophilic sera. Gang NF, et al. **Mt Sinai J Med NY** 39:429-34, Sep-Oct 72

Regulation of coagulation during prolonged perfusions using membrane oxygenation. Ryan GM, et al. **Mt Sinai J Med NY** 40:135-45, Mar-Apr 73

Burns. Moncrief JA. **N Engl J Med** 288:444-54, 1 Mar 73 (88 ref.)

Interaction between platelets and von Willebrand factor provides a new scheme for primary haemostasis. Caen JP, et al. **Nature [New Biol]** 244:159-60, 1 Aug 73

Cystic fibrosis: in vivo reversal of the ciliostatic character of serum and parotid secretions by heparin. Doggett RG, et al. **Nature [New Biol]** 243:250-1, 20 Jun 73

Affinity of factor 8 clotting activity for antigen detectable immunologically. Kernoff PB. **Nature [New Biol]** 244:148-9, 1 Aug 73

Role for a 2 -macroglobulin in haemostatic balance. Rinderknecht H, et al. **Nature [New Biol]** 239:116-7, 27 Sep 72

Platelet requirement in the interaction of the complement and clotting systems. Siraganian RP. **Nature [New Biol]** 239:208-10, 18 Oct 72

Factor 8 activity in haemophilic plasma unmasked by synthetic organic anions. Von Kaulla E, et al. **Nature [New Biol]** 240:144-5, 29 Nov 72

Hemophilia: the new look. Patterson PC. **Nurs Clin North Am** 7:777-85, Dec 72

Tentative immunochemical analysis of the prothrombin molecule. Lavergne JM, et al. **Pathol Biol (Paris)** Suppl:47-51, Dec 72

Thrombosthenin, the contractile protein of blood platelets. New facts and problems. Lüscher EF, et al. **Pathol Biol (Paris)** Suppl:89-101, Dec 72 (85 ref.)

Psychophysiological effects of extremely low frequency electromagnetic fields: a review. Persinger MA, et al. **Percept Mot Skills** 36:1139-51, Jun 73 (136 ref.)

Use of the Saran Wrap cuff in microsurgical arterial repairs. McLean DH, et al. **Plast Reconstr Surg** 51:624-7, Jun 73

Extracorporeal animal liver perfusion in patients in hepatic coma: anesthesiological problems. Kącki J, et al. **Pol Med J** 11:1573-82, 1972

The physiology of pregnancy: clinical pathologic

correlations. 2. Brewer DW Jr, et al. **Postgrad Med** 53:221-6, Jan 73

Anticoagulants: a guide for practitioners. Kingdon HS. **Postgrad Med** 54:88-92 contd, Jul 73

Blood coagulation and platelet function in red-haired men. Reid C, et al. **Practitioner** 210:811-2, Jun 73

Intravascular coagulation--acute and chronic--disseminated and local. McKay DG. **Proc Inst Med Chic** 29:159-71, Sep 72 (29 ref.)

Coagulation of blood plasma of guinea pig by the bone matrix. Huggins CB, et al. **Proc Natl Acad Sci USA** 70:929-33, Mar 73

Thiolester substrates for transamidating enzymes: studies on fibrinoligase. Lorand L, et al. **Proc Natl Acad Sci USA** 69:2645-8, Sep 72

Activation of a proteolytic system by a membrane lipoprotein: mechanism of action of tissue factor. Nemerson Y, et al. **Proc Natl Acad Sci USA** 70:310-4, Feb 73

The procoagulant activity of granulocytes. Saba HI, et al. **Proc Soc Exp Biol Med** 142:614-20, Feb 73

Platelet factor 4 in platelet disorders--storage location and the requirement of endogenous ADP for its release. Weiss HJ, et al. **Proc Soc Exp Biol Med** 142:30-5, Jan 73

Molecular aspects of the mammalian cell surface. Mehrishi JN. **Prog Biophys Mol Biol** 25:1-70, 1972 (360 ref.)

Current status of prosthetics for heart valve replacement. Behrendt DM, et al. **Prog Cardiovasc Dis** 15:369-401, Jan-Feb 73

The tissue factor pathway of blood coagulation. Nemerson Y, et al. **Prog Hemostasis Thromb** 1:1-37, 1972 (171 ref.)

The molecular basis of hereditary clotting disorders. Ratnoff OD. **Prog Hemostasis Thromb** 1:39-74, 1972 (184 ref.)

Human blood prostaglandins: formation during clotting. Silver MJ, et al. **Prostaglandins** 1:429-36, Jun 72

Letters to the editor: prostaglandins in blood. Silver MJ, et al. **Prostaglandins** 2:75-7, Aug 72

Some recent advances in coagulation--1972. King JB. **S Afr Med J** 46:2085-9, 30 Dec 72 (42 ref.)

Studies on soluble fibrin in plasma. II. N-terminal analysis of a modified fraction I (Cohn) from patient plasmas. Kierulf P. **Scand J Clin Lab Invest** 31:37-42, Jan 73

Studies on soluble fibrin in plasma. 3. N-terminal analysis of a modified fraction I (Cohn) from plasmin- and thrombin-incubated plasma. Kierulf P. **Scand J Clin Lab Invest** 31:43-9, Jan 73

Degradation of fibrinogen in vitro. Demonstration of several antigenic intermediates by specific anti-D and anti-E serum. Gormsen J, et al. **Scand J Haematol** 9:577-86, 1972

Behaviour of factor V and factor VIII during the process of blood coagulation. Janssen CL, et al. **Scand J Haematol** 9:531-8, 1972

Physical activity as prevention and therapy in coronary heart disease. Sanne HM, et al. **Scand J Rehabil Med** 3:47-56, 1971 (50 ref.)

Low thrombotest values in active thrombosis. Ro JS, et al. **Scand J Thorac Cardiovasc Surg** 6:269-73, 1972

Hemostasis and blood coagulation. Quick AJ. **Science** 182:87, 5 Oct 73

The blood coagulation and fibrinolytic enzyme systems in healthy adult Africans and Europeans--a comparative study. Barr RD, et al. **Scott Med J** 18:93-7, May 73

Detection of carriers of classic haemophilia. Bennett B, et al. **Scott Med J** 18:63, Mar 73

Coagulation and fibrinolysis in simian Plasmodium knowlesi malaria. Sucharit P, et al. **Southeast Asian J Trop Med Public Health** 4:15-8, Mar 73

Stroke and blood coagulation. Todd M, et al. **Stroke** 4:400-5, May-Jun 73

Hematologic, biochemical, and pathologic effects of intra-aortic balloon counterpulsation in the calf. Blatt SJ, et al. **Surg Gynecol Obstet** 137:238-42, Aug 73

Special problems in the use of heparin for thromboembolism. Lewis MR, et al. **Surg Gynecol Obstet** 137:472-4, Sep 73

The effect of gastric cooling on hemostasis. Waterman NG, et al. **Surg Gynecol Obstet** 137:80-2, Jul 73

Surface thrombogenicity of arterial prostheses. Yates SG 2d, et al. **Surg Gynecol Obstet** 136:12-6, Jan 73

A new electrosurgical coagulating-cutting forceps. Doss JD, et al. **Surgery** 74:449-51, Sep 73

Stroma-free hemoglobin. I. Preparation and observations on in vitro changes in coagulation. Moss GS, et al. **Surgery** 74:198-203, Aug 73

Effects of nutritional, endocrine and metabolic state on the development of intravascular coagulation induced by human serum preparations with procoagulant activity. Antoniades HN, et al. **Thromb Diath Haemorrh** 29:33-49, 28 Feb 73

Plasma fibrinolytic activity associated with flurothyl induced convulsion. Cooper RG, et al. **Thromb Diath Haemorrh** 28:376-82, 31 Dec 72

Cold promoted activation of factor VII. 3. Relation to the kallikrein system. Gjonnaess H. **Thromb Diath Haemorrh** 28:182-93, 31 Oct 72

Cold promoted activation of factor VII. IV. Relation to the coagulation system. Gjonnaess H. **Thromb Diath Haemorrh** 28:194-205, 31 Oct 72

Observations on factor X activity after adsorption to barium sulphate. Howell RM, et al. **Thromb Diath Haemorrh** 28:306-16, 31 Oct 72

Blood coagulation and fibrinolysis in a random sample of 788 men 54 years old. II. Relations of the variables to "risk factors" for myocardial infarction. Korsan-Bengtsen K, et al. **Thromb Diath Haemorrh** 28:99-108, 31 Aug 72

Blood coagulation and fibrinolysis in a random sample of 788 men 54 years old. I. Correlations between the variables of clotting and fibrinolysis. Korsan-Bengtsen K, et al. **Thromb Diath Haemorrh** 28:89-98, 31 Aug 72

The paricipation of phospholipids in the extrinsic pathway of the coagulation process. Kunz F. **Thromb Diath Haemorrh** 27:655-7, 31 Jul 72

Evaluation of the fibrin plate method for estimating plasminogen activators. Marsh NA, et al. **Thromb Diath Haemorrh** 28:75-88, 31 Aug 72

Studies on fibrin formation and effects of dextran. Muzaffar TZ, et al. **Thromb Diath Haemorrh** 28:244-56, 31 Oct 72

Studies on the activation of human factor XIII. Sheltawy MJ, et al. **Thromb Diath Haemorrh** 28:473-82, 31 Dec 72

Differences in the binding to fibrin of urokinase and tissue plasminogen activator. Thorsen S, et al. **Thromb Diath Haemorrh** 28:65-74, 31 Aug 72

Clinically mild thrombasthenia with normal platelet coagulant activities. Walsh PN, et al. **Thromb Diath Haemorrh** 28:440-6, 31 Dec 72

Arteriography in pelvic fractures with massive hemorrhage. Kerr WS Jr, et al. **Trans Am Assoc Genitourin Surg** 64:14-7, 1972

Morphologic studies of dialysis membranes adherence of blood components to air rinsed coils. Ahearn DJ, et al. **Trans Am Soc Artif Intern Organs** 19:435-9, 1973

Polyalkylsulfone: a new polymer for membrane oxygenators. Ketteringham JM, et al. **Trans Am Soc Artif Intern Organs** 19:61-5, 1973

The surface bonded, covalently crosslinked urokinase synthetic surface. In vitro and chronic in vivo studies. Kusserow BK, et al. **Trans Am Soc Artif Intern Organs** 19:8-12, 1973

The influence of fluid shear on the kinetics of blood coagulation reactions. Spaeth EE, et al. **Trans Am Soc Artif Intern Organs** 19:179-87, 1973

Magnesium and its significance in cardiovascular and gastro-intestinal disorders. Szelényi I. **World Rev Nutr Diet** 17:189-224, 1973 (181 ref.)

[Blood coagulation in myocardial infarct and changes in coagulation factors during anticoagulant treatment] Maimunkov K, et al. **Vutr Boles** 10:44-51, 1971 (Eng. Abstr.) (Bul)

[Disseminated intravascular coagulation] Wang FY, et al. **Chin Med J** 5:309-15, 1973 (13 ref.) (Chi)

[Recent advances in hemocoagulation] Pstružinová H. **Cas Lek Cesk** 112:705-9, 1973 (Eng. Abstr.) (Cze)

[Comparison of coagulation tests in man and 4 animal species (rabbit, dog, cow and pig)] Kaše F. **Vet Med (Praha)** 17:495-500, Aug 72 (Eng. Abstr.) (Cze)

[Prognostic significance of some coagulation changes in myocardial infarct] Cepeláková H, et al. **Vnitr Lek** 19:478-86, May 73 (Eng. Abstr.) (Cze)

[Coagulation findings in paroxysmal nocturnal hemoglobinuria. (Preliminary report)] Farská I, et al. **Vnitr Lek** 19:151-5, Feb 73 (Eng. Abstr.) (Cze)

[Disseminated intravascular coagulation (DIC). I. Experimental DIC in animals and spontaneous DIC in man] Slappendel RJ. **Tijdschr Diergeneeskd** 98:605-15, 1 Jul 73 (60 ref.) (Eng. Abstr.) (Dut)

[Complement] Räsänen JA.
Duodecim 89:72-5, 1973 **(Fin)**

[Influence of environmental factors on blood coagulation] Capel-Boute C.
Acta Otorhinolaryngol Belg 27:83-102, 1973 (Eng. Abstr.) **(Fre)**

[Formula for an anticoagulant for hematologic examinations (hemogram)] Hutin A.
Ann Inst Pasteur Lille 22:329-30, 1971 **(Fre)**

[Action of blood platelets on plasma prophospholipase] Duchesne MUJ, et al.
Biochimie 54:257-60, 1972 (Eng. Abstr.) **(Fre)**

[Electrokinetic properties of formed elements of human blood. (Erythrocytes, blood platelets, lymphocytes)] Larcan A, et al.
Biorheology 10:189-205, Jun 73 (103 ref.) **(Fre)**

[Effect of the transplanted spleen on factor VIII of the blood coagulation (A.H.F.-antihemolytic factor). (Experimental study)] Noussias M, et al.
Bull Soc Int Chir 31:331-8, Sep-Oct 72 (Eng. Abstr.) **(Fre)**

[Characteristics of the chemical structure of chick fibrinogen] Guinebault PR, et al.
C R Acad Sci [D] (Paris) 275:3013-6, 18 Dec 72 **(Fre)**

[Effects of Rivanol and various salts on the activity of cattle and swine thrombins] Rossi A, et al.
C R Acad Sci [D] (Paris) 275:267-70, 10 Jul 72 **(Fre)**

[Effect of a uniform magnetic field on serum and plasma. Spectrophotometric study] Bellossi A, et al.
C R Soc Biol (Paris) 166:980-3, 1972 **(Fre)**

[Effect of CO 2 pressure and pH of arterial blood on hypoxic changes of plasmatic coagulability] Strumza MV, et al. **C R Soc Biol (Paris)** 166:787-90, 1972 **(Fre)**

[A recent case of extraction of an intralabyrinthine platinary fragment using the clot technic] Roche R.
J Fr Otorhinolaryngol 21:940-1, Dec 72 **(Fre)**

[Physiology of coagulation and fibrinolysis] Belleville J. **Lyon Med** 19:Suppl:103-12, Apr 72 **(Fre)**

[Primary hemostasis] Dechavanne M, et al.
Lyon Med 19:Suppl:100-2, Apr 72 **(Fre)**

[In vitro coagulation in chronic urticaria] Palma-Carlos AG, et al. **Nouv Presse Med** 1:3203, 30 Dec 72 **(Fre)**

[In-vitro "thromboplastic" activity of leukocytes and intravascular blood coagulation in leukemias] Gouault-Heilmann M, et al.
Pathol Biol (Paris) Suppl:56-64, Dec 72 (Eng. Abstr.) **(Fre)**

[Synovial inflammation and coagulation factors. I. General study] Guérin B, et al.
Pathol Biol (Paris) 20:689-94, Sep 72 (Eng. Abstr.) **(Fre)**

[Mechanism of action of inhibitors of adhesiveness to collagen] Hugues J.
Pathol Biol (Paris) Suppl:65-70, Dec 72 (Eng. Abstr.) **(Fre)**

[The complement system] Peltier A.
Pathol Biol (Paris) 20:1013-39, Dec 72 (120 ref.) (Eng. Abstr.) **(Fre)**

[Attempt at explanation of the mechanism of labor. I. Coagulation system and fibrinolysis during physiological labor] Konopka P, et al.
Rev Fr Gynecol Obstet 68:1-6, Jan 73 (Eng. Abstr.) **(Fre)**

[Current progress in the understanding and treatment of intravascular thrombotic processes] Hiltenbrand C. **Rev Infirm** 23:401-4, May 73 **(Fre)**

[The pathogenesis of thrombosis] Hugues J.
Rev Med Liege 28:11-3, 1 Jan 73 **(Fre)**

[Pituitary lipotropins (LPH)] Chrétien M, et al.
Union Med Can 102:890-8, Apr 73 (72 ref.) (Eng. Abstr.) **(Fre)**

[Preliminary study of the behavior of sheep blood placed in an electric field and crossed by the current which creates this field. In vitro experience] Saint-Arnaud R, et al.
Vie Med Can Fr 2:17-20, Jan 73 **(Fre)**

[Hyperinsulinism: effect of a pancreatic insuloma and its extirpation on the blood coagulation system] Aiánt O, et al.
Acta Chir Acad Sci Hung 13:367-74, 1972 (Eng. Abstr.) **(Ger)**

[The relation between fibrinolysis and coagulation activation in the framework of autonomic efferent models after physical stimulation] Zwiener U.
Acta Physiol Acad Sci Hung 42:119-27, 1972 **(Ger)**

[Morphologic shock equivalents in air embolism, diving accidents and decompression sickness] Adebahr G.
Beitr Gerichtl Med 29:87-91, 1972 (Eng. Abstr.) **(Ger)**

[Microembolism syndrome] Saldeen T.
Beitr Gerichtl Med 29:92-6, 1972 (Eng. Abstr.) **(Ger)**

[Comparative thrombelastographic study on citrated sternal marrow blood and venous blood] Zöller H.
Blut 26:321-5, May 73 (Eng. Abstr.) **(Ger)**

[Localisation of the blood coagulation effect on the permeability of the blood vessel wall] Cossel L.
Dtsch Gesundheitsw 27:2233-43, 23 Nov 72 (Eng. Abstr.) **(Ger)**

[Effect of weather on platelet adhesiveness] Klein E, et al. **Dtsch Med Wochenschr** 98:1189-90, 8 Jun 73 **(Ger)**

[Membrane oxygenators in prolonged assisted extracorporeal circulation] Schulte HD.
Dtsch Med Wochenschr 98:508-13, 9 Mar 73 (54 ref.) **(Ger)**

[Comparison of the blood clotting system in man, rabbit, dog, and swine] Kaše F.
Folia Haematol (Leipz) 97:302-7, 1972 (Eng. Abstr.) **(Ger)**

[Effect of pain stimuli on the postoperative fibrinolytic and coagulation activity, and in conditions of elevated immunological defense] Zwiener U, et al.
Folia Haematol (Leipz) 98:330-7, 1972 (Eng. Abstr.) **(Ger)**

[Studies of 131 I fibrinogen storage by the Yoshida sarcoma of rats] Heyes H, et al.
Fortschr Geb Roentgenstr Nuklearmed 118:86-91, Jan 73 (Eng. Abstr.) **(Ger)**

[Blood platelet function following surgery of the gastrointestinal tract] Fürstenberg HS, et al.
Fortschr Med 90:557, 11 May 72 **(Ger)**

[Blood coagulation studies in patients witn peritoneal dialysis] **Fortschr Med** 91:324, 15 Mar 73 **(Ger)**

[Blood coagulation and fibrinolysis in arteriosclerotic occlusions of the arteries of the extremities] Jipp P, et al.
Klin Wochenschr 50:689-95, 15 Jul 72 (Eng. Abstr.) **(Ger)**

[Pathophysiology of thrombocytes in shock] Remmele W, et al.
Klin Wochenschr 51:3-9, Jan 73 (109 ref.) **(Ger)**

[What is professional medicine's position at present on the "Pill"?] Venzmer G.
Krankenpflege 27:237-8, Jun 73 **(Ger)**

[Artificial organs--developmental trends and problems] Bücherl ES.
Langenbecks Arch Chir 329:354-9, Dec 71 (Eng. Abstr.) **(Ger)**

[Influence of single and repeated hemodialises on the blood coagulation status] Albert FW, et al.
Munch Med Wochenschr 114:1917-21, 3 Nov 72 (Eng. Abstr.) **(Ger)**

[Incidence of myocardial infarction in existing liver diseases] Fornol FG, et al.
Munch Med Wochenschr 115:72-5, 19 Jan 73 (Eng. Abstr.) **(Ger)**

[Pathogenesis and treatment of gestoses] Stoppelli I.
Munch Med Wochenschr 114:1190-6, 23 Jun 72 (Eng. Abstr.) **(Ger)**

[Coagulation parameters in mother and newborn infant] Biland L, et al.
Schweiz Med Wochenschr 102:1611-2, 4 Nov 72 (Eng. Abstr.) **(Ger)**

[Analbuminemia. Pathophysiological study of a case] Keller H, et al.
Schweiz Med Wochenschr 102:33-41, 15 Jan 72 (Eng. Abstr.) **(Ger)**

[Physiological effects of physical training in patients with myocardial infarct] König K.
Schweiz Med Wochenschr 103:46-51, 13 Jan 73 (Eng. Abstr.) **(Ger)**

[Acquired factor IX-inhibitor in a non-hemophilic patient with autoimmune disease] Largo R, et al.
Schweiz Med Wochenschr 102:1612-3, 4 Nov 72 (Eng. Abstr.) **(Ger)**

[Molecular aspects of coagulation processes] Deutsch E. **Verh Dtsch Ges Inn Med** 78:345-60, 1972 **(Ger)**

[Therapeutic defibrination using snake venom (Arvin) in arterial circulation disorders] Ehringer H, et al.
Verh Dtsch Ges Inn Med 78:624-7, 1972 **(Ger)**

[Physiopathology of orthoptic allogenic liver transplantation studied on the swine model] Heil E.
Wien Klin Wochenschr 85:Suppl 4:1-18, 1973 (Eng. Abstr.) **(Ger)**

[Surgical therapy of pelvic vein thrombosis in pregnancy] Wagner O, et al.
Wien Klin Wochenschr 85:17-9, 12 Jan 73 (Eng. Abstr.) **(Ger)**

[UV irradiation of blood in oxygen atmosphere (Wehrli's H.O.T.) with special reference to oxygenation methods and UV irradiation of blood (literature review). 3. UV irradiation of blood in

oxygen atmosphere] Bielenstein E.
Z Aerztl Fortbild (Jena) 66:711-6, 15 Jul 72 (43 ref.) (Ger)

[Influence of gestation on the blood coagulation system and diagnosis of possible disorders] Günter M, et al.
Z Aerztl Fortbild (Jena) 67:209-15, 1 Mar 73 (37 ref.) (Ger)

[Consumption coagulopathies in childhood] Heinrichs C, et al.
Z Aerztl Fortbild (Jena) 66:853-9, 1 Sep 72 (Ger)

[Thromboembolic complications in pregnancy and during delivery] Ludwig H.
Z Geburtshilfe Perinatol 176:169-82, Jun 72 (47 ref.) (Eng. Abstr.) (Ger)

[The behaviour of physiologic inhibitors of blood coagulation and of the thrombelastogram in pregnancy] Tismer R, et al.
Z Geburtshilfe Perinatol 176:193-201, Jun 72 (Eng. Abstr.) (Ger)

[Influence of pregnancy on the activation factors of blood coagulation and on thrombocytes] Tismer R, et al.
Z Geburtshilfe Perinatol 176:183-92, Jun 72 (Eng. Abstr.) (Ger)

[Functional properties of thrombocytes in pediatric age groups] Altemeyer KH, et al.
Z Kinderheilkd 113:257-87, 1972 (Eng. Abstr.) (Ger)

[Natural inhibitors of coagulation in surgery as compared to blood donors] Frick G, et al.
Zentralbl Chir 97:1535-40, 28 Oct 72 (Ger)

[Fat embolism in severe multiple injuries] Wehner W.
Zentralbl Chir 98:353-7, 9 Mar 73 (16 ref.) (Ger)

[Blood coagulation and acid-base equilibrium in relation to fundus oculi findings in the newborn infant] Junge WD, et al.
Zentralbl Gynaekol 94:1265-71, 30 Sep 72 (Ger)

[Can the blood of children who suffered interuterine death influence the homeostasis of blood coagulation and fibrinolysis in the mother with its fibrinolytic activity?] Poradovský K.
Zentralbl Gynaekol 95:379-83, 16 Mar 73 (Ger)

[Hemostasis in dentistry] Harnisch H.
ZWR 82:124-6 passim, 10 Feb 73 (Ger)

[Changes in the kidney in generalized Shwartzman phenomenon induced by Na-polyanetholsulfonate. Electron microscopic study] Ormos J, et al.
Morphol Igazsagugyi Orv Sz 12:184-93, Jul 72 (Eng. Abstr.) (Hun)

[The role of thehemostatic system in the use of artificia organs and organ transplantation] Sas G.
Orv Hetil 114:1095-100, 13 May 73 (Hun)

[Statistical study of the relationships between blood viscosity and hematocrit values] Alberto S, et al.
Arch Sci Med (Torino) 128:236-44, Oct-Dec 71 (Eng. Abstr.) (Ita)

[The relationship between staphylococcus and blood coagulation. Biological bases and practical applications] Fumarola D, et al.
G Batteriol Virol Immunol 65:144-51, May-Aug 72 (Eng. Abstr.) (Ita)

[Inflammatory aspects and therapeutic possibilities of rheumatic diseases. Introduction] Baliabio CB, et al.
Minerva Med 64:2385-94, 20 Jun 73 (Ita)

[Biochemical, physiopathological and clinical aspects of platelet adhesiveness] Gandolfo GM.
Recent Prog Med (Roma) 52:596-630, Jun 72 (Ita)

[Studies on FDP fragments and paracoagulation] Fujimaki M, et al.
Acta Haematol Jap 35:617-27, Oct 72 (Eng. Abstr.) (Jap)

[Progress of our research on blood coagulation for the last 20 years] Matsuoka M.
Acta Haematol Jap 35:577-93, Oct 72 (Jap)

[Adrenocortical hormones and arterioscierosis] Takeda R, et al.
Clin Endocrinol (Tokyo) 20:605-11, Aug 72 (48 ref.) (Jap)

[Changes in clotting mechanism in consumption coagulopathy] Maekawa T, et al.
Jap J Clin Hematol 13:167-76, Apr 72 (Eng. Abstr.) (Jap)

[Trigger mechanism in thrombogenesis in consumption coagulopathy] Matsuoka M.
Jap J Clin Hematol 13:151-6, Apr 72 (Eng. Abstr.) (Jap)

[Some recent advances in blood coagulation research] Sakuragawa N.
Jap J Clin Hematol 13:923-33, Dec 72 (48 ref.) (Jap)

[Syndromes of disseminated intravascular coagulation-from the standpoint of internal medicine] Matsuoka M, et al.
Jap J Clin Med 31:810-21, Apr 73 (59 ref.) (Jap)

[Function and metabolism of the platelets] Odake K.
Jap J Clin Med 31:775-82, Apr 73 (48 ref.) (Jap)

[Pathology of hemorrhage and thrombosis] Tanaka K.
Jap J Clin Med 31:743-54, Apr 73 (44 ref.) (Jap)

[Disseminated intravascular coagulation] Maekawa T.
Jap J Clin Pathol 21:24-30, Jan 73 (7 ref.) (Jap)

[Blood-clotting and fibrinolytic enzyme system in blood and tissue in experimental urinary bladder tumors in rats induced by oral administration of N-butyl-N-butanol(4)-nitrosamine] Sasaki N.
Jap J Urol 64:383-96, May 73 (Eng. Abstr.) (Jap)

[Physics of circulation rheology] Oka S.
Respir Circ (Tokyo) 20:15-23, Jan 72 (Jap)

[Pulsatile blood flow] Okino H.
Respir Circ (Tokyo) 20:25-31, Jan 72 (Jap)

[Fibrinogenopathies] Stahl M.
Acta Haematol Pol 3:93-9, Jan-Mar 72 (22 ref.) (Pol)

[Blood coagulation and fibrinolysis processes in menstrual blood] Zuch A, et al.
Acta Haematol Pol 2:359-65, Oct-Dec 71 (43 ref.) (Pol)

[The effect of saliva on blood clotting and blood clot lysis] Pawilowska H.
Czas Stomatol 26:221-6, Mar 73 (Eng. Abstr.) (Pol)

[Pattern of blood clotting and fibrinolytic systems in hyperthyreosis] Napiórkowska W, et al.
Endokrynol Pol 23:423-36, Sep-Oct 72 (Eng. Abstr.) (Pol)

[The course of physiologic labor and the clotting and fibrinolytic system] Konopka P, et al.
Ginekol Pol 43:1317-24, 1972 (Eng. Abstr.) (Pol)

[Blood serum lipoproteins and their role in the etiology of some pathological states] Skrzydlewski Z, et al.
Ginekol Pol 44:455-63, Apr 73 (56 ref.) (Eng. Abstr.) (Pol)

[Comparison of desmofibrinogenic activity and FSF (factor XIII of blood coagulation) level in plasma of healthy children in various age groups] Zuch A, et al.
Pediatr Pol 47:1205-11, Oct 72 (Eng. Abstr.) (Pol)

[Behavior of blood platelets in extracorporeal circulation] Grundman J.
Pol Przegl Chir 45:15-21, Jan 73 (Eng. Abstr.) (Pol)

[Blood clotting and fibrinolytic activity in aged] Kaniak J, et al.
Pol Tyg Lek 28:771-3, 20 May 73 (Eng. Abstr.) (Pol)

[Functional correlation between plasma hemostasis and insulin] Kleniewski J.
Pol Tyg Lek 28:658-9, 30 May 73 (Pol)

[Blood clotting system in patients with dumping syndrome follwoing partial gastrectomy for chronic peptic ulcer] Lubczyńska-Kowalska W, et al.
Pol Tyg Lek 28:602-5, 23 May 73 (Eng. Abstr.) (Pol)

[Blood clotting and fibrinolytic systems in pulmonary hypertension] Zola-Sięczek E, et al.
Pol Tyg Lek 28:1026-9, 2 Jul 73 (Eng. Abstr.) (Pol)

[Correlation between coagulation, proteolysis and immunological phenomena] Bogdanikowa B, et al.
Postepy Hig Med Dosw 27:469-81, Jul-Aug 73 (Eng. Abstr.) (Pol)

[Biological activity of bacterial endotoxins] Skopinska E.
Postepy Hig Med Dosw 27:341-64, May-Jun 73 (Eng. Abstr.) (Pol)

[Thromboplastic activity of chronic granulocytic leukemia granulocytes] Lisiewicz J, et al.
Przegl Lek 30:367-71, 1973 (Eng. Abstr.) (Pol)

[Thrombogenesis. Role of the thrombocytes, coagulation and fibrinolysis in thrombosis] Stoichiță-Papilian M.
Stud Cercet Med Interna 13:219-35, 1972 (Rum)

[The state of blood coagulation in patients with cancer of the uterus according to thrombelastographic findings] Pafalovich MB, et al.
Akush Ginekol (Mosk) 48:65-6, Oct 72 (Rus)

[Effect of electromagnetic fields on the coagulative and fibrinolytic properties of blood] Rusiaev VF, et al.
Biofizika 18:160-3, Jan-Feb 73 (Eng. Abstr.) (Rus)

[Effect of adrenalectomy on the functional condition of the blood coagulation system] Shapiro FB, et al.
Biol Nauki 5:42-5, 1971 (Rus)

[Mechanism of formation of true and false allergic reactions] Saakov BA, et al.
Biull Eksp Biol Med 73:28-35, Sep 72 (Eng. Abstr.) (Rus)

[The blood clotting system in chronic sclerosing pancreatitis (an experimental study)] Blagovidov DF, et al.
Eksp Khir Anesteziol 17:34-7, Nov-Dec 72 (Eng. Abstr.) (Rus)

[The role of biopotentials in the process of intravascular thrombus formation] Dobrova NB, et al. **Eksp Khir Anesteziol 17:36-9, Sep-Oct 72 (Eng. Abstr.) (Rus)**

[The systemic character of emotional reactions to limbic stimulation] Vediaev FP. **Fiziol Zh 18:147-53, Mar-Apr 72 (Eng. Abstr.) (Rus)**

[Comparative study of the blood coagulating system in the coronary arteries, femoral arteries and left ventricle] Brikker VN, et al. **Fiziol Zh SSSR 58:1853-5, Dec 72 (Rus)**

[Effect of heparin on blood platelet aggregation and thrombus formation under the influence of a continuous electrical current] Mishchenko VI. **Fiziol Zh SSSR 58:1744-8, Nov 72 (Eng. Abstr.) (Rus)**

[Circadiam rhythm of fluctuations in indices of human blood coagulating and anticoagulating systems] Zaslavskaia RM, et al. **Fiziol Zh SSSR 59:95-8, Jan 73 (Eng. Abstr.) (Rus)**

[Blood coagulation in myocardial infarct] Atanasov K. **Folia Med (Plovdiv) 14:109-13, 1972 (Eng. Abstr.) (Rus)**

[State of the blood coagulation system in chemotoxic lesions of the liver] Sukharevskaia TM, et al. **Gig Tr Prof Zabol 16:50-2, Oct 72 (Rus)**

[The effect of vitamin B-15 on the level of cholesterol and the functional state of the anticoagulant system of the blood of animals] Andreenko GV, et al. **Kardiologiia 12:40-5, Dec 72 (Eng. Abstr.) (Rus)**

[The role of manic-depressive states in the development of ischemic heart disease] Kruchinina NA, et al. **Kardiologiia 13:56-61, Mar 73 (Eng. Abstr.) (Rus)**

[Role of the heart and vessels in regulating blood coagulation and fibrinolysis] Kuznik BI, et al. **Kardiologiia 13:145-54, Apr 73 (112 ref.) (Rus)**

[Coagulability of arterial and venous blood from healthy persons and from those with rheumatic heart defects] Savel'eva TV. **Kardiologiia 13:121-3, May 73 (Rus)**

[The blood coagulation system in mechanical jaundice] Krakovskiĭ AI, et al. **Khirurgiia (Mosk) 48:107-12, Jul 72 (Eng. Abstr.) (Rus)**

[The coagulating ability of the blood in chronic venous insufficiency of the lower extremities] Panakhilan AG. **Khirurgiia (Mosk) 48:19-24, Aug 72 (Eng. Abstr.) (Rus)**

[The coagulant, anticoagulant and kinin systems of the blood in exacerbation of chronic pancreatitis] Geller LI, et al. **Klin Med (Mosk) 50:107-12, Sep 72 (Eng. Abstr.) (Rus)**

[Functional condition of the blood coagulation system in patients with meningococcemia with a shock] Lisukova TE, et al. **Klin Med (Mosk) 51:120-5, Apr 73 (Eng. Abstr.) (Rus)**

[The functional state of the blood coagulant system in acute cerebral circulatory disorders] Veselskiĭ ISh, et al. **Klin Med (Mosk) 50:27-32, Sep 72 (Eng. Abstr.) (Rus)**

[Biological role of atmospheric oxygen in the mechanism of blood coagulation] Palos LA. **Kosm Biol Med 6:8-13, Sep-Oct 72 (Rus)**

[Blood coagulation changes under the influence of gravitational stress according to thrombelastographic findings] Serikova AZ, et al. **Kosm Biol Med 6:10-4, Jan-Feb 72 (Eng. Abstr.) (Rus)**

[Several indices of serum enzymatic activity and blood coagulation system in patients with iron-deficiency anemia] Mikhaĭlova LI, et al. **Lab Delo 4:212-4, 1972 (Rus)**

[Various indices of the blood clotting system in healthy subjects of different ages] Mikhalev VV. **Lab Delo 11:694-7, 1972 (Rus)**

[Mechanism of increased blood coagulability in the early periods following sonic action] Byshevskii ASh, et al. **Patol Fiziol Eksp Ter 16:73-4, Nov-Dec 72 (Eng. Abstr.) (Rus)**

[Some thrombelastographic data on capillary blood in diabetic children] Mitskevich SI, et al. **Pediatriia 52:78-9, Jan 73 (Rus)**

[Thyroid gland absorption of radioactive iodine and anti-thyroid antibodies in patients with diabetes mellitus] Geller LI, et al. **Probl Endokrinol (Mosk) 18:7-11, Jul-Aug 72 (Eng. Abstr.) (Rus)**

[Effect of formed blood elements on blood coagulation in acute leukemia] Al'nikov GP. **Probl Gematol Pereliv Krovi 18:38-41, Jan 73 (Eng. Abstr.) (Rus)**

[Evaluation of the quality of stabilization of blood and bone marrow] Kartashevskii NG, et al. **Probl Gematol Pereliv Krovi 17:18-21, Jul 72 (Eng. Abstr.) (Rus)**

[Hemostatic system in surgical treatment of atherosclerotic aneurysms of the abdominal aorta] Lemenev VL, et al. **Probl Gematol Pereliv Krovi 18:48-51, Jan 73 (Rus)**

[Dynamic function of the thrombocytes (a survey of the literature)] Odesskaia TA. **Probl Gematol Pereliv Krovi 17:47-53, Jul 72 (117 ref.) (Rus)**

[Blood coagulation system in different forms of acute leukemia] Zhukovskaia ES, et al. **Probl Gematol Pereliv Krovi 18:41-7, Jan 73 (Eng. Abstr.) (Rus)**

[Rhythm of diurnal fluctuations of the blood coagulation and anticoagulation characteristics in patients with myocardial infarction] Zaslavskaia RM, et al. **Sov Med 35:25-9, Aug 72 (Eng. Abstr.) (Rus)**

[Changes of the coagulative properties of blood in the treatment of renovascular hypertension in the conditions of the mountain-sea climate] Dulshenalieva Sh. **Sov Zdravookhr Kirg 4:16-9, Jul-Aug 72 (Rus)**

[Coagulation and anticoagulation systems of blood in viral hepatitis during pregnancy] Arakelov RA. **Ter Arkh 44:65-8, Oct 72 (Rus)**

[Hypocoagulation effect of the gastric acid contents] Belousov AC, et al. **Ter Arkh 44:20-2, Oct 72 (Rus)**

[Coagulation capacity of the blood in patients with atheroselerosis and auricular fibrillation] Bezborodke BN, et al. **Ter Arkh 44:26-9, Sep 72 (Eng. Abstr.) (Rus)**

[Relation between acid-base equilibrium and blood oxygen and hemocoagulation in patients with severe pulmonary diseases] Kabakov AI, et al. **Ter Arkh 45:58-62, Mar 73 (Eng. Abstr.) (Rus)**

[State of the hemocoagulation activity of the digestive juices in peptic ulcer] Kravchenko VA. **Ter Arkh 44:31-3, May 72 (Eng. Abstr.) (Rus)**

[Diurnal rhythm in the fluctuation of the indices of the coagulation and anticoagulation systems of blood in patients with angina pectoris] Perepelkin EG. **Ter Arkh 44:44-6, Sep 72 (Eng. Abstr.) (Rus)**

[Instrumental coagulography] Rybakov VK, et al. **Ter Arkh 44:63-7, Sep 72 (Eng. Abstr.) (Rus)**

[Blood coagulation in chronic pneumonia] Zlydnikov DM, et al. **Ter Arkh 44:42-5, Aug 72 (Eng. Abstr.) (Rus)**

[Blood coagulation in urolithiasis patients at various stages of treatment] Bezborod'ko BN, et al. **Urol Nefrol (Mosk) 37:10-2, Sep-Oct 72 (Eng. Abstr.) (Rus)**

[Hypokinesia] Smirnov KM. **Usp Fiziol Nauk 3:3-20, Jan-Mar 72 (169 ref.) (Rus)**

[Role of the vascular wall in the process of hemostasis] Kuznik BI. **Usp Sovrem Biol 75:61-85, Jan-Feb 73 (258 ref.) (Rus)**

[Thrombolytin and anticoagulants in the treatment of patients with acute thrombosis of the veins of the lower limbs] Koniukhov SG, et al. **Vestn Khir 108:66-8, Jul 72 (Eng. Abstr.) (Rus)**

[Reactivity of the blood coagulation system in experimental adrenal insufficiency] Petrishchev NN. **Vestn Khir 110:37-41, Apr 73 (Eng. Abstr.) (Rus)**

[Blood histamine and coagulation system in traumatic shock] Zakirov EKh, et al. **Vestn Khir 108:102-5, Jul 72 (Eng. Abstr.) (Rus)**

[Changes in the properties of fibrinogen as a result of blood loss] Zhankina GKh. **Vestn Khir 108:80-3, Sep 72 (Eng. Abstr.) (Rus)**

[Hemorrhages following tonsillectomy and their relation to certain coagulogram indices] Timoshenskiĭ VI, et al. **Vestn Otorinolaringol 34:44-7, Sep-Oct 72 (Eng. Abstr.) (Rus)**

[The dynamics of thrombelastogram indices during experimental hyperbaric oxygenation] Korchanov LS, et al. **Voen Med Zh 7:51-4, Jul 72 (Rus)**

[Blood coagulation system in gunshot wounds] Kotsiubinskiĭ NN. **Voen Med Zh 5:35-8, May 72 (Rus)**

[Blood coagulation inhibition tests in ear, nose and throat patients with bacterial allergies] Zaets NA. **Voen Med Zh 5:18-21, May 72 (Rus)**

[The origin and physiological importance of activated plasminogen and plasmin in excitation of the anticoagulative system] Kudriashov BA, et al.

Vopr Med Khim 19:136-40, Mar-Apr 73 (Eng. Abstr.) (Rus)
[Formation of noradrenaline-heparin and adrenaline-heparin complexes in the blood of young people under emotional and intellectual stress] Kudriashov BA, et al.
Vopr Med Khim 18:385-90, Jul-Aug 72 (Eng. Abstr.) (Rus)
[Pulmonary artery thromboembolism and the state of the blood coagulation system in severe cranio-cerebral trauma] Kuklina AS, et al.
Vopr Neirokhir 36:25-8, May-Jun 72 (Eng. Abstr.) (Rus)
[The blood coagulation and anticoagulation system in children with acute hematogenous osteomyelitis] Arbuliev MG, et al.
Vopr Okhr Materin Det 17:93, Jun 72 (Rus)
[Indices of the coagulant and anticoagulant systems of the blood in threatened and incipient abortion] Zherzhov AI.
Vopr Okhr Materin Det 17:85-6, Aug 72 (Rus)
[Significance of the thromboelastographic method of study in the diagnosis and treatment of lung cancer] Kutushev FKh, et al.
Vopr Onkol 19:18-20, 1973 (Eng. Abstr.) (Rus)
[Hemostatic system in cancer patients] Rakhmaeva VA, et al. **Vopr Onkol** 18:90-7, 1972 (60 ref.) (Rus)
[The interrelationship between vitamins A and K and their influence on the blood coagulation system] Andreenko GV, et al.
Vopr Pitan 31:48-52, Jul-Aug 72 (Eng. Abstr.) (Rus)
[Restoration of the function of the anticoagulation system in animals switched from an atherogenic diet to natural rations] Bazaz'ian GG, et al.
Vopr Pitan 31:33-8, Nov-Dec 72 (Eng. Abstr.) (Rus)
[The blood clotting system in infarcts of the internal organs and peripheral gangrene in children with periarteritis nodosa] Isaeva LA, et al.
Vopr Revm 12:23-6, Oct-Dec 72 (Eng. Abstr.) (Rus)
[Changes of blood coagulation in essential and nephrogenic hypertension] Andrushchenko AV, et al.
Vrach Delo 3:14-7, Mar 73 (Eng. Abstr.) (Rus)
[The pathogenetic significance of coagulopathies in the stage of chronic renal insufficiency of chronic glomerulonephritis] Belitskaia GA.
Vrach Delo 12:81-5, Dec 72 (Eng. Abstr.) (Rus)
[The state of the blood coagulation system at various stages following myocardial infarction] Braga NA.
Vrach Delo 9:5-8, Sep 72 (Eng. Abstr.) (Rus)
[The state of the blood coagulating system in rheumatism, chronic tonsillitis and the tonsillo-cardiac syndrome] Dashtaiants GA, et al.
Vrach Delo 11:5-7, Nov 72 (Eng. Abstr.) (Rus)
[Indices of liver function in hypertensive disease] Fesenko IP. **Vrach Delo** 2:89-90, Feb 72 (Rus)
[Thromboelastogram in pneumosclerosis] Konstantinov VV, et al.
Vrach Delo 2:59-61, Feb 72 (Eng. Abstr.) (Rus)
[Hemocoagulating and fibrinolytic properties of the liver tissues in mechanical jaundice] Lys PV.
Vrach Delo 2:30-4, Feb 73 (Eng. Abstr.) (Rus)
[Remote results of treatment of patients with coronary arteriosclerosis] Sadoian VS, et al.
Vrach Delo 3:40-3, Mar 73 (Eng. Abstr.) (Rus)
[Thrombelastographic blood coagulation indices in patients with epidemic hepatitis] Semenchenko IG.
Vrach Delo 10:149-52, Oct 72 (Eng. Abstr.) (Rus)
[Changes in the heart and biochemical changes in the blood in focal myocardial dystrophy] Synchuk AN.
Vrach Delo 2:84-7, Feb 72 (Eng. Abstr.) (Rus)
[Changes of certain indicators of the coagulation and anticoagulation systems of the blood in postthrombophlebitic syndrome] Vasiutkov VIa.
Vrach Delo 3:31-2, Mar 73 (Eng. Abstr.) (Rus)
[Several neurohumoral disturbances in acute cerebrovascular disorders] Vesel'skiĭ ISh.
Vrach Delo 4:83-6, Apr 73 (Eng. Abstr.) (Rus)
[Study of the blood coagulation and anticoagulation systems in urolithiasis, complicated by pyelonephritis, before and after treatment at the Truskavets health resort] Voronov IP.
Vrach Delo 7:18-21, Jul 72 (Eng. Abstr.) (Rus)
[Blood coagulation in patients with hypertension and atherosclerosis with cerebral circulatory disorders] Zhurenko AN.
Vrach Delo 11:34-7, Nov 72 (Eng. Abstr.) (Rus)
[An analysis of contemporary concepts concerning factors determining the degree of effectiveness of collateral circulation in the brain] Gannushkina IV, et al.
Zh Nevropatol Psikhiatr 72:1281-7, 1972 (Eng. Abstr.) (Rus)
[Characteristics of nonenzymatic fibrinolytic activity and the formation of adrenaline-heparin and noradrenaline-heparin complexes in the blood in logoneurosis] Podol'skaia OV, et al.
Zh Nevropatol Psikhiatr 73:711-5, 1973 (Eng. Abstr.) (Rus)
[Problems of vascular brain disorders in the works of Japanese neurologists (review)] Smirnov VE.
Zh Nevropatol Psikhiatr 72:1246-9, 1972 (33 ref.) (Rus)
[Cirrhosis in childhood] Emiliani RA, et al.
Acta Gastroenterol Latinoam 5:44-54, Jan-Mar 73 (Spa)
[Saliva blood coagulation] Rioboo García R.
An Esp Odontoestomatol 32:263-336, Jul-Aug 73 (Spa)
[Specificity of enzymatic reactions] Traverso-Cori A, et al.
Rev Med Chil 100:1467-80, Jul 73 (57 ref.) (Eng. Abstr.) (Spa)
[Vitamins. 15. Vitamin K] Nilsson IM.
Lakartidningen 69:Suppl 3:108-10, 23 Oct 72 (Eng. Abstr.) (Swe)
[The mechanism of action of ascorbic acid on the blood coagulation system in dogs under acute hypoxia] Bakans'ka VV. **Fiziol Zh** 19:105-6, 1973 (Ukr)
[State of the blood coagulation and anticoagulation systems in gallbladder and biliary tract diseases in children] Chebotareva VD, et al.
Pediatr Akush Ginekol 6:21-2, 1972 (Ukr)
[Hemostatic indices in children with chronic tonsillitis] Khalfina AL.
Pediatr Akush Ginekol 5:14-5, Oct 72 (Ukr)
[Blood coagulation in newborn infants with asphyxia] Vorontsov OO, et al.
Pediatr Akush Ginekol 3:48-50, May-Jun 72 (Ukr)
[Effect of azotemia on various indices of blood coagulation in the aged] Fedinec AV, et al.
Bratisl Lek Listy 60:219-21, Aug 73 (Slo)
[Treatment of experimental hyphema in rabbits by Sevac plasmin] Rokos L, et al.
Cesk Oftalmol 29:3-10, Jan 73 (Eng. Abstr.) (Slo)

DRUG EFFECTS

The action of Atromid-S on lipids and other plasma factors which may be involved in arterial thrombosis. Cotton RC.
Acta Cardiol (Brux) Suppl 25:163-7, 1972 (33 ref.)
Anticoagulant treatment during and after embolectomy. Holm J, et al.
Acta Chir Scand 138:683-7, 1972
Fibrinolytic activity of veins during treatment with medroxyprogesterone acetate. Astedt B.
Acta Obstet Gynecol Scand 51:283-6, 1972
Concentration of antithrombin 3 during combined and progestogen-only oral contraceptive treatment. Larsson-Cohn U, et al.
Acta Obstet Gynecol Scand 51:315-7, 1972
Haematological changes after injection of endotoxin into warfarin-treated rabbits. Haugen J.
Acta Pathol Microbiol Scand [B] 80:589-98, 1972
A new automatic device for the standardized Ivy bleeding time. Praga C, et al.
Adv Exp Med Biol 34:271-9, 1972
Toxicological effects of vincristine sulfate on blood platelets. Zbinden G, et al.
Agents Actions 2:241-5, 1972
Thromboembolism and oral contraceptives. Hougie C.
Am Heart J 85:538-45, Apr 73 (35 ref.)
The role of the platelet membrane in platelet function. I. Blood coagulation. Glynn MF.
Am J Clin Pathol 60:309-13, Sep 73
The plasma protamine paracoagulation test: clinical and laboratory evaluation. Kidder WR, et al.
Am J Clin Pathol 58:675-86, Dec 72
Aspirin as an antiplatelet agent: template bleeding time as a monitor of therapy. Mielke CH Jr, et al.
Am J Clin Pathol 59:236-42, Feb 73
Statistical correlation and heparin sensitivity of activated partial thromboplastin time, whole blood coagulation time, and an automated coagulation time. Schriever HG, et al. **Am J Clin Pathol** 60:323-9, Sep 73
Comparison of various activated partial thromboplastin reagents in the laboratory control of heparin therapy. Soloway HB, et al. **Am J Clin Pathol** 59:587-90, Apr 73
Progestational agents and blood coagulation. IV. Changes induced by progestogen alone. Mink IB, et al.
Am J Obstet Gynecol 113:739-43, 15 Jul 72
Effect of prostaglandins on the coagulation mechanism

of the pregnant rat. Phillips LL.
Am J Obstet Gynecol 115:227-32, 15 Jan 73
Avian thrombocyte aggregation and shape change in vitro. Grant RA, et al. **Am J Physiol** 225:340-3, Aug 73
Effects of intraportal infusion of autologous hemolysate on blood coagulation factors and fibrinolysis in the cat. Bengmark S, et al.
Am J Surg 124:647-54, Nov 72
The toxicity of fluroxene in animals and man. Johnston RR, et al. **Anesthesiology** 38:313-9, Apr 73
Preliminary studies on in vitro and in vivo effects of 50 per cent hypaque on coagulation in man. Chandra R, et al. **Angiology** 24:199-204, Apr 73
The role of ABO blood groups in blood rheology of cardiovascular disorders. Dintenfass L.
Angiology 24:442-53, Jul-Aug 73
Interaction of sodium warfarin and disulfiram (antabuse) in man. O'Reilly RA.
Ann Intern Med 78:73-6, Jan 73
Physiological inhibition of factor XIII. Cataldo F de, et al. **Ann NY Acad Sci** 202:341-3, 8 Dec 72
Hemorrhagic disease associated with inhibitors of fibrin cross-linkage. Lewis JH.
Ann NY Acad Sci 202:213-9, 8 Dec 72
Fibrin-stabilizing factor inhibitors. Nilsson JL, et al.
Ann NY Acad Sci 202:286-96, 8 Dec 72
The effect of oral contraceptives on fibrin-clot stabilization. Shanberge JN, et al.
Ann NY Acad Sci 202:220-9, 8 Dec 72
Cerebral arterial occlusive disease with telangiectasia associated with oral contraceptives. Okawara SH, et al. **Arch Neurol** 29:60-2, Jul 73
Ocular changes in the generalized Shwartzman reaction. Howes EL Jr, et al.
Arch Ophthalmol 90:218-24, Sep 73
Effects of Bothrops jararaca venom on fibrin formation in vitro. Ponari O, et al. **Arzneim Forsch** 23:94-8, Jan 73
Comparative investigations on the effect of nicotinic acid alone and in association with a synthetic, heparin-like sulfated polyanion on fibrinolysis, platelet aggregation and lipidic fractions. Turazza G, et al. **Arzneim Forsch** 23:654-7, May 73
Inhibitory effects of human aortic and venous acid glycosaminoglycans on thrombus formation. Izuka K, et al. **Atherosclerosis** 16:217-24, Sep-Oct 72
Effects of Bothrops jararaca venom on fibrin formation in vitro. Ponari O, et al.
Australas Radiol 23:94-8, Jan 73
On the reaction of purified bovine thrombin with N-acetylimidazole. Lundblad RL, et al.
Biochemistry 12:409-13, 30 Jan 73
Purification and properties of the anticoagulant principle of Agkistrodon acutus venom. Ouyang C, et al. **Biochim Biophys Acta** 278:155-62, 31 Aug 72
Kinetics of the acid hydrolysis of heparin from its Cu(II) complex and its relation to biological activity. Stivala SS, et al. **Biopolymers** 12:947-59, May 73
Viscoelastic properties of fibrin clots. Roberts WW, et al. **Biorheology** 10:29-42, Mar 73
Direct assessment of platelet adhesion to glass: a study of the forces of interaction and the effects of plasma and serum factors, platelet function, and modification of the glass surface. George JN.
Blood 40:862-74, Dec 72
Relation between bleeding time and platelet connective tissue reaction after aspirin. Hirsh J, et al.
Blood 41:369-77, Mar 73
Effect of alpha- and beta-blocking drugs on the clotting and fibrinolytic response to venous status in man. Ponari O, et al. **Br J Haematol** 24:463-70, Apr 73
I.U.D. and uterine bleeding. Bhide NK, et al.
Br Med J 4:426-7, 18 Nov 72
Effects of progestogen oral contraception with norethisterone on blood clotting and platelets. Poller L, et al. **Br Med J** 4:391-3, 18 Nov 72
Blood clotting and the pill. **Br Med J** 4:378-9, 18 Nov 72
Cellular control of blood coagulation. 3. The response of platelets to adrenaline. Kowarzyk H, et al.
Bull Acad Pol Sci [Biol] 20:755-9, 1972
A study of the mechanism by which anticoagulation with warfarin inhibits blood-borne metastases. Brown JM. **Cancer Res** 33:1217-24, Jun 73
Assessment of antithrombotic agents: effects of dipyridamole analogues on platelet behaviour. Hampton JR, et al. **Cardiovasc Res** 6:696-701, Nov 72
Comparison of the action of heparin and streptokinase on experimental pulmonary emboli in the dog. Vellar ID, et al. **Cardiovasc Res** 6:734-40, Nov 72
Comparison of anticoagulant activity of two preparations of purified heparin. Baltes BJ, et al.
Clin Pharmacol Ther 14:287-90, Mar-Apr 73
Effect of oral contraceptives on the thromboelastogram. Fisch IR, et al.
Clin Pharmacol Ther 14:238-44, Mar-Apr 73
Platelet factor 3 availability in bleeder swine. Cornell CN, et al.
Comp Biochem Physiol [A] 42:817-22, 1 Aug 72
The mechanism of action of vasoactive agents on the blood clotting and fibrinolysis. Mishchenko VP, et al.
Cor Vasa 14:228-38, 1972
Investigation of certain haematologic parameters in rats treated with prostaglandins (E 1 , E 2 , A 1 , A 2 , Resp.). Somova L, et al. **Cor Vasa** 15:125-35, 1973
Tolerance and pharmacology of ibuprofen. Brooks CD, et al. **Curr Ther Res** 15:180-90, Apr 73
Effect of non-narcotic analgesics on anticoagulant-induced hypoprothrombinemia in rats. Zawidzka ZZ, et al. **Experientia** 28:1482-3, 15 Dec 72
-Pyridylcarbinol in experimental hypercholesterinemia of the rabbit. Study of lipidic fractions and of the mechanisms of hemostasis. Giarola P, et al. **Farmaco [Sci]** 27:1018-23, Nov 72
Polymers in surgical repair.
Food Cosmet Toxicol 11:314-8, Apr 73 (30 ref.)
Vitamin E and coronary heart disease. Hodges RE.
J Am Diet Assoc 62:638-42, Jun 73 (61 ref.)
Bovine prekallikrein activator with functional activity as Hageman factor. Komiya M, et al.
J Biochem (Tokyo) 72:1205-18, Nov 72
Titration of activated bovine Factor X. Smith RL.
J Biol Chem 248:2418-23, 10 Apr 73
Inhibition by C1INH of Hagemann factor fragment activation of coagulation, fibrinolysis, and kinin generation. Schreiber AD, et al.
J Clin Invest 52:1402-9, Jun 73
Effect of intravenous prostaglandin E 2 on platelet function, coagulation, and fibrinolysis. Howie PW, et al. **J Clin Pathol** 26:355-8, May 73
Effect of treatment with combined phenformin and ethyloestrenol on the coagulation and fibrinolytic systems. Nilsson IM, et al. **J Clin Pathol** 25:638-9, Jul 72
The effects of progestogens on blood clotting and platelet function. Poller L.
J Clin Pathol 25:1007, Nov 72
Anticoagulant activity of two commercially available heparin preparations. A controlled study.
Gomez-Perez F. **J Clin Pharmacol** 12:413-6, Oct 72
Inhibition of the platelet-dependent fibrin retraction by the fibrin stabilizing factor (FSF, factor 13). Niewiarowski S, et al. **J Lab Clin Med** 81:641-50, May 73
The activation of coagulation by extracts of mucus: a possible pathway of intravascular coagulation accompanying adenocarcinomas. Pineo GF, et al.
J Lab Clin Med 82:255-66, Aug 73
Absolute configurations of the four warfarin alcohols. Chan KK, et al. **J Med Chem** 15:1265-70, Dec 72
Synthesis and structure-activity relationships of fibrinolytic
1,omega-diphenyl-1,omega-alkanediamines. Fliedner LJ Jr, et al. **J Med Chem** 16:749-54, Jul 73
Aromatic esters which inhibit plasmin or thrombin by formation of relatively stable acyl enzymes. Glover G, et al. **J Med Chem** 16:262-6, Mar 73
Substituted 3,4-pentadienylidiamines as inhibitors of platelet aggregation. Tilford CH, et al.
J Med Chem 16:688-93, Jun 73
Influence of dietary lipids on plasma and hepatic lipids and on blood clotting properties in rats fed oral contraceptives. Tabacchi MH, et al.
J Nutr 103:1270-8, Sep 73
Effect of dydrogesterone (Duphaston) on haemostasis and liver function. Vermylen J, et al.
J Obstet Gynaecol Br Commonw 80:75-81, Jan 73
An improved in vivo procedure for standardization of heparin preparations. Kuo SH, et al.
J Pharm Pharmacol 24:858-68, Nov 72
Bioavailability of dicumarol from different commercial tablets in dogs. Akers MJ, et al.
J Pharm Sci 62:1192-3, Jul 73
Oral contraceptives: therapeutics versus adverse reactions, with an outlook for the future I. Bingel AS, et al. **J Pharm Sci** 62:179-200, Feb 73 (162 ref.)
Chemistry and pharmacology of heparin. Ehrlich J, et al. **J Pharm Sci** 62:517-44, Apr 73 (626 ref.)
Kinetics of anticoagulant effect of dicumarol in rats. Wingard LB Jr, et al.
J Pharmacol Exp Ther 184:253-60, Jan 73
Midtrimester abortion using intra-amniotic

prostaglandin F2 alpha with intravenous Syntocinon. Anderson GG, et al. **J Reprod Med** 9:434-6, Dec 72

Resuscitation of a patient in State IV hepatic coma using total body washout. Klebanoff G, et al. **J Surg Res** 13:159-65, Oct 72

Abortion and coagulation by prostaglandin. Intra-amniotic dinoprost tromethamine effect on the coagulation and fibrinolytic systems. Bell WR, et al. **JAMA** 225:1082-4, 27 Aug 73

Studies on a new 1,5-benzothiazepine derivative (CRD-401). 3. Effects of optical isomers of CRD-401 on smooth muscle and other pharmacological properties. Nagao T, et al. **Jap J Pharmacol** 22:467-78, Aug 72

Reduction of thrombus formation on dialyser membranes by aspirin and RA 233. Lindsay RM, et al. **Lancet** 2:1287-90, 16 Dec 72

Bleeding-time. Quick AJ. **Lancet** 2:871, 21 Oct 72

Thrombin-time test. Wessler S, et al. **Lancet** 2:877-8, 21 Oct 72

The plasma half lives and the pharmacological effect of the enantiomers of warfarin in rats. Breckenridge A, et al. **Life Sci [II]** 11:337-45, 8 Apr 72

Anticoagulant activity of glycol analogs of phosphatidylserine. Turner DL, et al. **Lipids** 7:680-2, Oct 72

Toxicity, anti-neoplastic, and coagulation effects of aquatic plants from Minnesota. Su KL, et al. **Lloydia** 36:99-102, Mar 73

The coagulation defect after envenomation by the bite of the dugite (Demansia nuchalis affinis), a Western Australian brown snake. Herrmann RP, et al. **Med J Aust** 2:183-6, 22 Jul 72

Free ceramide in blood and its relevance to atherosclerosis. I. Polya JB, et al. **Med J Aust** 1:873-9, 5 May 73

The cardiovascular effects of oral contraceptives. Wood JE. **Mod Concepts Cardiovasc Dis** 41:37-40, Aug 72 (13 ref.)

Platelet function in recipients of platelets from donors ingesting aspirin. Stuart MJ, et al. **N Engl J Med** 287:1105-9, 30 Nov 72

Systemic heparinization for femoral percutaneous coronary arteriography. Walker WJ, et al. **N Engl J Med** 288:826-8, 19 Apr 73

Platelet requirement in the interaction of the complement and clotting systems. Siraganian RP. **Nature [New Biol]** 239:208-10, 18 Oct 72

The prothrombin-activating principle from Echis carinatus venom. II. Coagulation studies in vitro and in vivo. Schieck A, et al. **Naunyn Schmiedebergs Arch Pharmacol** 274:7-17, 1972

Control of heparin therapy with an activated partial thromboplastin time. Akkerman JW, et al. **Neth J Med** 16:129-35, 1973

Drug-induced blood dyscrasias. Eisenhauer LA. **Nurs Clin North Am** 7:799-808, Dec 72

Interaction of alpha and beta receptor blocking agents with platelet release and availability reaction induced by ADP, adrenaline and collagen. Kubisz P, et al. **Pathol Biol (Paris)** Suppl:34-40, Dec 72

Activation of the fibrinolytic and natural anticoagulant system in rats by injection of thrombin. Lucas ON, et al. **Pharmacol Ther Dent** 1:233-40, Jun 71

Effects of various hemostyptic drugs in rats. Koehnlein HE. **Plast Reconstr Surg** 50:462-6, Nov 72

Effective hemostasis with less epinephrine. An experimental and clinical study. Siegel RJ, et al. **Plast Reconstr Surg** 51:129-33, Feb 73

Influence of dietary intake of malathion on the haematology and plasma electrolytes in chickens. Gupta PK, et al. **Poult Sci** 51:1574-7, Sep 72

Coagulation of blood plasma of guinea pig by the bone matrix. Huggins CB, et al. **Proc Natl Acad Sci USA** 70:929-33, Mar 73

Failure of heparin, epsilon aminocaproic acid, or both agents to prevent increased fibrinogen levels after endotoxin in rabbits. Logan LJ, et al. **Proc Soc Exp Biol Med** 142:321-3, Jan 73

Effect of plasma kallikrein on coagulation in vitro. Wuepper KD, et al. **Proc Soc Exp Biol Med** 141:271-6, Oct 72

Midtrimester abortion using intraamniotic prostaglandin F2alpha. Anderson GG, et al. **Prostaglandins** 1:147-55, Feb 72

Flow cell evaluation of nonthrombogenic materials. Durst S, et al. **Radiology** 106:507-11, Mar 73

The effect of inhibition of the platelet release reaction on platelet behaviour in vitro and in vivo. Arfors KE, et al. **Scand J Haematol** 9:322-32, 1972

Fibrinaemia and multiple thrombi in pancreatic carcinoma. A case studied with quantitative N-terminal analysis. Kierulf P, et al. **Scand J Haematol** 9:370-6, 1972

Discrepancy between normotest and thrombotest during thromboplastin induced intravascular coagulation in rabbits. Slaastad RA, et al. **Scand J Haematol** 9:403-10, 1972

Study of the clotting, esterase and platelet aggregating activities of thrombin, acetylated thrombin and reptilase. Tangen O, et al. **Scand J Haematol** 9:333-8, 1972

Mechanism of action of vitamin K: demonstration of a liver precursor of prothrombin. Suttie JW. **Science** 179:192-4, 12 Jan 73

Utility of anticoagulant drugs in vascular thrombosis: electron microscopic and biophysical study. Sawyer PN, et al. **Surgery** 74:263-75, Aug 73

Influence of factor VII on the assay of factor VIII by the one stage method using wettable surface. Altman R, et al. **Thromb Diath Haemorrh** 28:457-63, 31 Dec 72

Coagulation changes induced by endotoxin and purified contact activation product. Barth P, et al. **Thromb Diath Haemorrh** 28:280-8, 31 Oct 72

Anticoagulant factors from Viperidae venoms. Platelet phospholipid inhibitors. Boffa MC, et al. **Thromb Diath Haemorrh** 28:509-23, 31 Dec 72

Inhibition of thromboplastin activity in plasma by aluminosilicate treatment. Chenkin T, et al. **Thromb Diath Haemorrh** 28:135-43, 31 Aug 72

The effects of bile salts on some coagulation components and related enzymes. Engel AM, et al. **Thromb Diath Haemorrh** 27:594-609, 31 Jul 72

Structural alterations in fibrin clots with dextran. Muzaffar TZ, et al. **Thromb Diath Haemorrh** 28:257-67, 31 Oct 72

Studies on fibrin formation and effects of dextran. Muzaffar TZ, et al. **Thromb Diath Haemorrh** 28:244-56, 31 Oct 72

Filipin as a tool for the study of blood coagulation reactions. Plas PM van der, et al. **Thromb Diath Haemorrh** 27:584-93, 31 Jul 72

Fibrinogen Troyes--fibrinogen Metz. Two new cases of congenital dysfibrinogenemia. Soria J, et al. **Thromb Diath Haemorrh** 27:619-33, 31 Jul 72

The effect of some synthetic arginyl and lysyl compounds on clotting and fibrinolysis. Weinstein MJ, et al. **Thromb Diath Haemorrh** 28:289-97, 31 Oct 72

Some pharmacologic properties of a new fungicide thiophanate-methyl. Hashimoto Y, et al. **Toxicol Appl Pharmacol** 23:616-22, Dec 72

Xanthan gum: safety evaluation by two-year feeding studies in rats and dogs and a three-generation reproduction study in rats. Woodard G, et al. **Toxicol Appl Pharmacol** 24:30-6, Jan 73

L-amino acid oxidase, phosphodiesterase, total protein and other properties of juvenile timber rattlesnake (C. H. horridus) venom at different stages of growth. Bonilla CA, et al. **Toxicon** 11:301-3, Apr 73

Coagulant and esterase activities of thrombin and Bothrops atrox venom. Devi A, et al. **Toxicon** 10:563-73, Oct 72

The effects of Naja flava venom on blood coagulation. Mohamed AH, et al. **Toxicon** 10:619-25, Oct 72

The effect of the purified anticoagulant principle of Agkistrodon acutus venom on blood coagulation. Ouyang C, et al. **Toxicon** 11:287-92, Apr 73

Modified polycarbonate membranes for hemodialysis. Fisher BS, et al. **Trans Am Soc Artif Intern Organs** 19:429-34, 1973

Non-thrombogenic surface inhibiting platelet adherence. Nishizawa EE, et al. **Trans Am Soc Artif Intern Organs** 19:13-8, 1973

The influence of contraception on the haemostasis. Duckert F. Vasa 1:219-21, 1972

[Experimental arterial thrombosis. In vivo and in the vitro effects of aspirin and prostaglandin E1] Gautier JC, et al. **Ann Med Interne (Paris)** 123:849-52, Oct 72 **(Fre)**

[Prostaglandins] Matuchansky C, et al. **Cah Med** 13:525-39, 15 Jun 72 (198 ref.) **(Fre)**

[Blood hypercoagulability with administration of norethynodrel: correction for purification of progestin] Brazeau P, et al. **Can J Physiol Pharmacol** 51:555-8, Jul 73 **(Fre)**

[Transfusional reactions and magnesium thiosulfate] Ringenbach G. **Nouv Presse Med** 1:2110, 16 Sep 72 **(Fre)**

[Frenolyse in otorhinolaryngology and cervicofacial surgery] Guerrier Y, et al.
Rev Laryngol Otol Rhinol (Bord) 93:109-17, Jan-Feb 72 (Fre)

[Thrombelastography and oral contraceptives] Delacrétaz-Dubugnon F.
Schweiz Med Wochenschr 102:48-52, 15 Jan 72 (Eng. Abstr.) (Fre)

[Effects of various contraceptive hormones on blood coagulation] Lorrain J, et al.
Union Med Can 101:2426-31, Nov 72 (Fre)

[Biological half-life of 131 I-labeled fibrinogen from normal and cobalt-treated rabbits] Krantz S, et al.
Acta Biol Med Ger 29:805-10, 1972 (Eng. Abstr.) (Ger)

[Experimental assessment of an anti-inflammatory agent] Marmo E, et al.
Arzneim Forsch 23:846-51, Jun 73 (Eng. Abstr.) (Ger)

[Toxicity of warfarin and its effect on blood coagulation in rat and mice] Niedner R, et al.
Arzneim Forsch 23:102, Jan 73 (Eng. Abstr.) (Ger)

[Clinical pharmacology of fominoben] Renovanz HD.
Arzneim Forsch 23:Suppl 2a:319-2, Feb 73 (Eng. Abstr.) (Ger)

[Therapy of an experimentally induced radiation syndrome in the rat using brain phospholipids and an antifibrinolytic agent (AMCHA)] Spreafico PL, et al.
Arzneim Forsch 23:441-4, Mar 73 (Eng. Abstr.) (Ger)

[Effect of the oral antidiabetic agent glibornuride on blood coagulation, blood platelets, and fibrinolysis] Voss D, et al.
Arzneim Forsch 22:Suppl 12A:2219, Dec 72 (Eng. Abstr.) (Ger)

[Effect of the oral antidiabetic agent glibornuride on blood coagulation, blood platelets, and fibrinolysis] Voss D, et al.
Arzneim Forsch 22:Suppl 12a:2219+, Dec 72 (Eng. Abstr.) (Ger)

[Toxicity of warfarin and its effect on blood coagulation in rats and mice] Niedner R, et al.
Australas Radiol 23:102, Jan 73 (Eng. Abstr.) (Ger)

[Methodical study on the determination of Stypven coagulation time in dog plasma] Schaewen H von.
Berl Munch Tieraerztl Wochenschr 86:32-4, 15 Jan 73 (Eng. Abstr.) (Ger)

[Effect of acetylsalicylic acid tolerance on bleeding time and thrombocytic function in tumor patients] Rieche K, et al.
Dtsch Gesundheitsw 27:2467-70, 28 Dec 72 (Eng. Abstr.) (Ger)

[The use of acetylsalicylic acid in anticoagulation therapy] Barth P, et al.
Dtsch Med Wochenschr 97:1854-9, 1 Dec 72 (Eng. Abstr.) (Ger)

[Hemorrhagic heart infarctions] Lübcke P.
Dtsch Med Wochenschr 97:1473-4, 29 Sep 72 (Ger)

[Changes of blood coagulation caused by propanidid and clomethiazole] Naber K, et al.
Dtsch Med Wochenschr 98:226, 2 Feb 73 (Ger)

[Effect of prothrombin and fibrinogen antisera on the clotting system of bovine blood] Kotschy M.
Folia Haematol (Leipz) 98:426-36, 1972 (Ger)

[Significance of thrombin and adrenaline for the development of secondary anticoagulation system (SAC) in experimental animals] Kudrjashov BA, et al.
Folia Haematol (Leipz) 99:76-84, 1973 (Eng. Abstr.) (Ger)

[Hirudin and other thrombin inhibitors from blood-sucking animals] Landmann H.
Folia Haematol (Leipz) 98:437-45, 1972 (Ger)

[Trasylol as inhibitor of the thromboplastic effect of amniotic fluid and placental extracts] Slunsky R.
Folia Haematol (Leipz) 98:338-45, 1972 (Eng. Abstr.) (Ger)

[Effect of tobacco-smoking on the vascular system] Schievelbein H, et al.
Fortschr Med 90:1249-52, 7 Dec 72 (Ger)

[Treatment problems in acute circulation disorders of the inner ear using low molecular dextrans] Förster KH, et al. **HNO** 20:208-11, Jul 72 (Eng. Abstr.) (Ger)

[Vitamin A overdosage. II. Cytological and biochemical changes in blood from high doses of vitamin A with and without alpha-tocopherol treatment] Soliman MK.
Int J Vitam Nutr Res 42:576-82, 1972 (Eng. Abstr.) (Ger)

[Ocular and metabolic findings in patients on oral contraceptives] Verbeck B.
Klin Monatsbl Augenheilkd 162:812-21, May 73 (Eng. Abstr.) (Ger)

[What is professional medicine's position at present on the "Pill"?] Venzmer G.
Krankenpflege 27:237-8, Jun 73 (Ger)

[Magnesium--an anticoagulant physiological electrolyte] Erödi A.
Med Klin 68:216-9, 16 Feb 73 (32 ref.) (Ger)

[Septic abortion] Kubli F.
Med Klin 68:500-4, 20 Apr 73 (Ger)

[Side-effects of tetracyclines] Reuter E.
Med Klin 67:1256-61, 29 Sep 72 (Ger)

[Intravenous infusion of a standard coagulation-active phospholipid complex in uremic tendency to bleeding. Normalization of thrombin formation and prothrombin consumption] Schimpf K, et al.
Med Welt 23:1258-60, 9 Sep 72 (Ger)

[The lysability of thrombi obtained during operation. the degree of organisation and lysability by streptokinase in vitro of arterial and venous thrombi of different ages] Klos I, et al.
Munch Med Wochenschr 114:1927-32, 3 Nov 72 (Eng. Abstr.) (Ger)

[Coagulative influence of 5-oxo-6-amino-7-ketimino-6-phenyldibenzo(a.c)cycloheptan] Milošev M, et al.
Pharmazie 27:520-1, Aug 72 (Ger)

[Myocardial infarct and plasma fatty acids] Bucher HW.
Schweiz Med Wochenschr 103:199-203, 10 Feb 73 (Eng. Abstr.) (Ger)

[Methotrexate in the therapy of malaria] Wildbolz A.
Ther Umsch 30:218-22, Mar 73 (Eng. Abstr.) (Ger)

[Effect of pyridinolcarbamate on blood coagulation and thrombolysis in patients with arteriosclerosis obliterans] Hess H, et al.
Vasa 1:206-11, 1972 (Eng. Abstr.) (Ger)

[Administration of acetylsalicylic acid in patients under long-term oral anticoagulant therapy] Barth P, et al. **Verh Dtsch Ges Inn Med** 78:723-6, 1972 (Ger)

[Salicylic acid derivatives used as anticoagulants] Bruhn HD.
Verh Dtsch Ges Inn Med 77:1035-7, 1971 (Ger)

[Hypercoagulability caused by colamin-kephalin] Bruhn HD, et al.
Verh Dtsch Ges Inn Med 78:726-8, 1972 (Ger)

[Long-term D-penicillamine therapy of Wilson's disease in childhood. Changes in blood coagulation and effects on the haematopoetic system] Hayek HW, et al.
Wien Klin Wochenschr 85:122-5, 23 Feb 73 (Eng. Abstr.) (Ger)

[Inhibition of the thromboplastic effect of placental extracts using trasylol] Slunsky R.
Z Geburtshilfe Perinatol 176:201-6, Jun 72 (Eng. Abstr.) (Ger)

[Cobalt effects in the organism with special reference to cardiovascular effects] Achenbach H, et al.
Z Gesamte Inn Med 27:809-16, 1 Oct 72 (133 ref.) (Eng. Abstr.) (Ger)

[Electrocardiographic and rheographic modifications in arteriosclerotics treated with polysulfoester of pentosan (SP-54)] Aguglia V, et al.
Boll Soc Ital Cardiol 17:65-75, 1972 (Eng. Abstr.) (Ita)

[Effect of 4-phenyl-3-isocoumarinic acid and some of its derivatives on blood coagulation] Arrigo Reina R, et al. **Farmaco [Sci]** 28:478-84, Jun 73 (Eng. Abstr.) (Ita)

[Thrombelastographic studies of the effects of a new non-steroid estrogen on hemocoagulation] Goisis M, et al.
Minerva Ginecol 25:146-52, Mar 73 (Eng. Abstr.) (Ita)

[Clinical activity and tolerance of a new pyrazolic association] Carrabba M, et al.
Minerva Med 64:1831-4, 16 May 73 (Eng. Abstr.) (Ita)

[Thrombelastographic evaluation of hemocoagulation in acute myocardial infarct treated with sodium 3,4,5 trimethoxybenzoylaminocaproate] Zangara A, et al.
Minerva Med 64:803-11, 21 Mar 73 (Eng. Abstr.) (Ita)

[Thrombelastographic evaluation of blood coagulation in acute myocardial infarct treated with 3,4,5 trimethoxybenzoylaminocaproate sodium] Zangara A, et al.
Minerva Med 64:803-11, 21 Mar 73 (Eng. Abstr.) (Ita)

[Studies on anti-atherosclerotic agents. VII. Experimental studies of sodium chondroitin polysulfate on hypolipemic, anticoagulative, fibrinolytic and lipotropic activities] Kobayakawa T.
J Pharm Soc Jap 92:919-26, Aug 72 (Eng. Abstr.) (Jap)

[Effect of Ethrane anesthesia on blood coagulation-fibrinolysis system] Takiguchi M, et al.
Jap J Anesthesiol 21:1333-7, Dec 72 (Eng. Abstr.) (Jap)

[Pharmacological studies of 3',4'-dideoxykanamycin B] Koeda T, et al.
Jap J Antibiot 26:28-39, Feb 73 (Eng. Abstr.) (Jap)

[Significance of vitamin E in anemia] Fujii T. **Jap J Clin Hematol** 13:342-54, Jun 72 (100 ref.) (Jap)

[Effects of hydroxyethyl starch on blood coagulation and fibrinolysis. II. In vivo studies] Matsuda T, et al. **Jap J Clin Hematol** 13:934-8, Dec 72 (Eng. Abstr.) (Jap)

[Effects of hydroxyethyl starch on blood coagulation and fibrinolysis. 1. In vitro studies] Matsuda T, et al. **Jap J Clin Hematol** 13:831-4, Oct 72 (Eng. Abstr.) (Jap)

[Platelet aggregation and cyclic AMP] Ukita M. **Jap J Clin Pathol** 20:805-9, Nov 72 (7 ref.) (Jap)

[Analgesics and bleeding tendency] Naess K. **Tidsskr Nor Laegeforen** 92:2279-80, 30 Nov 72 (Nor)

[A study of the interaction between warfarin and diazepam] Odegaard AE. **Tidsskr Nor Laegeforen** 92:1520-1, 30 Aug 72 (Eng. Abstr.) (Nor)

[Blood coagulation disorders in an experimental defibrination with concomitant endotoxic shock] Bielski J, et al. **Acta Haematol Pol** 3:45-52, Jan-Mar 72 (Eng. Abstr.) (Pol)

[Mechanisms of action of oral anticoagulants] Uszyński L. **Acta Haematol Pol** 3:133-9, Apr-Jun 72 (Eng. Abstr.) (Pol)

[Effect of various therapeutic methods on the basophil count in peripheral blood and sensitivity to heparin and heparin-like substances in rheumatic fever in children] Ordyński J. **Pediatr Pol** 47:1089-96, Sep 72 (Eng. Abstr.) (Pol)

[Effect of Polfa dextran-40 on blood clotting system in thrombelastographic and laboratory studies] Badowski A, et al. **Pol Przegl Chir** 45:445-52, Apr 73 (Eng. Abstr.) (Pol)

[Role of plasma kinins in the function of some organs and their participation in the pathogenesis of various pathological states] Kolber-Postępska B. **Pol Tyg Lek** 28:621-4, 23 May 73 (19 ref.) (Pol)

[Efficacy and side effects of modern contraceptives] Okla J. **Pol Tyg Lek** 28:135-8, 22 Jan 73 (16 ref.) (Pol)

[Effect of heparin on the kininogenic system, fibrinolysis and blood coagulation in acute experimental pancreatitis] Stasiewicz J, et al. **Pol Tyg Lek** 28:679-82, 1 May 73 (Eng. Abstr.) (Pol)

[Low molecular-weight dextran 40,000 in the treatment of viral hepatitis] Kassur B, et al. **Przegl Epidemiol** 26:319-30, 1972 (Eng. Abstr.) (Pol)

[Cellular regulation of blood coagulation] Kowarzyk H, et al. **Przegl Lek** 30:494-500, 1973 (Eng. Abstr.) (Pol)

[The effect of magnesium on hemostatic system] Skotnicki A. **Przegl Lek** 30:520-1, 1973 (Pol)

[Effect of butylhydroxyanisole (BHA), butylhydroxytoluene (BHT) and nordihydroxyguaiacolic acid (NDGA) on hemolysis and blood clotting system in rats] Kwast M. **Rocz Panstw Zakl Hig** 24:169-73, 1973 (Eng. Abstr.) (Pol)

[Effect of Dextran-65 Polfa on the blood clotting system] Badowski A, et al. **Wiad Lek** 26:889-94, 15 May 73 (Eng. Abstr.) (Pol)

[Formation of coagulases coagulating human plasma and blood by non-pathogenic fungi of the genus aspergillus] Egorov NS, et al. **Dokl Akad Nauk SSSR** 211:221-3, Jul-Aug 73 (Rus)

[The effect of stachydrine alkaloid on the blood coagulation system] Mansurov MM. **Farmakol Toksikol** 35:715-7, Nov-Dec 72 (Eng. Abstr.) (Rus)

[The effect of aminazine on blood coagulation] Novak EN. **Farmakol Toksikol** 35:717-20, Nov-Dec 72 (Eng. Abstr.) (Rus)

[Effect of retabolil on the blood coagulation system] Savel'eva AV. **Farmakol Toksikol** 36:62-4, Jan-Feb 73 (Eng. Abstr.) (Rus)

[The pharmacologic properties of methylapogalanthamine hydrochloride] Zakirov UB, et al. **Farmakol Toksikol** 35:708-11, Nov-Dec 72 (Eng. Abstr.) (Rus)

[Effect of heparin on blood platelet aggregation and thrombus formation under the influence of a continuous electrical current] Mishchenko VI. **Fiziol Zh SSSR** 58:1744-8, Nov 72 (Eng. Abstr.) (Rus)

[Effect of hypotiazide and aldactone on the blood coagulation and anticoagulation systems] Gaianova MN. **Kardiologiia** 13:114-7, May 73 (Rus)

[Role of the heart and vessels in regulating blood coagulation and fibrinolysis] Kuznik BI, et al. **Kardiologiia** 13:145-54, Apr 73 (112 ref.) (Rus)

[Study of blood fibrinolytic activity with the aid of thrombelastography] Maĭorov IuM. **Kardiologiia** 12:44-9, Feb 72 (Eng. Abstr.) (Rus)

[The role of alcohol in the development of acute coronary insufficiency] Opaleva-Stegantseva VA, et al. **Kardiologiia** 12:111-4, Oct 72 (Eng. Abstr.) (Rus)

[Mechanisms of stimulating effect of alcohol in the development of myocardial infarct] Krylov AA. **Klin Med (Mosk)** 51:60-3, Apr 73 (Eng. Abstr.) (Rus)

[Prolonged therapeutic-prophylactic use of anticoagulants] Kushelevskiĭ BP, et al. **Klin Med (Mosk)** 51:26-8, Apr 73 (Rus)

[Blood coagulation under the effect of a single injection of insulin] Khubetsova RD. **Probl Endokrinol (Mosk)** 18:74-8, Nov-Dec 72 (Eng. Abstr.) (Rus)

[The effect of dibotin on carbohydrate metabolism indices and the coagulation properties of capillary blood in diabetes mellitus] Mitskevich SI, et al. **Probl Endokrinol (Mosk)** 18:17-20, Nov-Dec 72 (Eng. Abstr.) (Rus)

[Effect of intravenous ADP on thrombocyte aggregation and blood coagulation in animals] Pastorova VE, et al. **Probl Gematol Pereliv Krovi** 17:32-7, Jul 72 (Rus)

[Effect of furosemide on the blood coagulation] Averina RI, et al. **Sov Med** 35:115-8, Aug 72 (Rus)

[Blood coagulation system and liver function in patients with chronic coronary insufficiency, continuously taking for a long time anticoagulants of indirect action] Zhukov NA, et al. **Sov Med** 35:152-4, Aug 72 (Rus)

[The effect of reserpine and isobarin on the blood coagulation system in patients with hypertensive disease] Fatkhullaev IF, et al. **Ter Arkh** 44:14-6, Sep 72 (Eng. Abstr.) (Rus)

[Shifts in coagulating and fibrinolytic activity of the blood following the administration of nerobol in patients with coronary atherosclerosis] Kratovskaia OV, et al. **Ter Arkh** 44:29-31, Sep 72 (Eng. Abstr.) (Rus)

[Effect of desopimon on the coagulation system of the blood in obesity] Vasiukova EA, et al. **Ter Arkh** 44:92-5, Sep 72 (Eng. Abstr.) (Rus)

[Characteristics of the heparin profile in eczema] Levin MM, et al. **Vestn Dermatol Veneriol** 46:19-21, Jul 72 (Eng. Abstr.) (Rus)

[Blood coagulation changes in splenic diseases] Askherkhanov RP, et al. **Vestn Khir** 108:65-71, Apr 72 (Eng. Abstr.) (Rus)

[Hemocoagulation and fibrinolytic properties of the gastric wall involved in ulcerous and cancerous processes] Kal'chenko II, et al. **Vestn Khir** 110:3-8, Apr 73 (Eng. Abstr.) (Rus)

[Reactivity of the blood coagulation system in experimental adrenal insufficiency] Petrishchev NN. **Vestn Khir** 110:37-41, Apr 73 (Eng. Abstr.) (Rus)

[Pulmonary artery thromboembolism and the state of the blood coagulation system in severe cranio-cerebral trauma] Kuklina AS, et al. **Vopr Neirokhir** 36:25-8, May-Jun 72 (Eng. Abstr.) (Rus)

[Effect of vitamin B6 on the coagulating and anticoagulating systems of the blood in acute hypoxia] Bakanskaia VV. **Vopr Pitan** 31:94, Sep-Oct 72 (Rus)

[Hemocoagulating and fibrinolytic properties of the liver tissues in mechanical jaundice] Lys PV. **Vrach Delo** 2:30-4, Feb 73 (Eng. Abstr.) (Rus)

[Effect of corticosteroids on blood coagulation indices in portal liver cirrhosis] Mokhov MM. **Vrach Delo** 8:61-4, Aug 72 (Eng. Abstr.) (Rus)

[Allergenic effect of florimycin] Paustovskaia VV, et al. **Vrach Delo** 8:99-102, Aug 72 (Eng. Abstr.) (Rus)

[Clinico-hygienic parallels due to the effect of aniline on the organism] Vasilenko NM, et al. **Vrach Delo** 8:132-4, Aug 72 (Eng. Abstr.) (Rus)

[Effect of majeptil on certain somato-autonomic functions in patients with schizophrenia] Vlokh II, et al. **Vrach Delo** 2:124-7, Feb 73 (Eng. Abstr.) (Rus)

[Prevention and treatment of accidents caused by iodinated contrast media] Valle Sánchiz J, et al. **Rev Esp Anestesiol Reanim** 19:395-405, Oct 72 (Spa)

[The effect of ascorbic acid on the blood coagulation in dogs in acute hypoxia] Bakals'ka VV. **Fiziol Zh** 18:106-8, Jan-Feb 72 (Ukr)

[Use of antifibrinolytics in surgery] Bošković S, et al. **Med Arh** 26:233-8, Jul-Aug 72 (Eng. Abstr.) **(Cro)**

RADIATION EFFECTS

Effect of tracer doses of radiopharmaceutic substances labelled with gold (198 Au), indium (113m In) and Mercury (203 Hg) on blood clotting. Răiciulescu N, et al. **Rev Roum Med Intern** 9:475-90, 1972

Effect of para-aminomethylbenzoic acid on the post-irradiation disturbance of haemocoagulation in dogs after whole-body exposure to 600 R. Pospíšil J, et al. **Strahlentherapie** 144:728-36, Dec 72

[Coagulation, microcirculation and acute radiation reactions of the skin. Comparative study of skin reaction using conventional radiotherapy of breast carcinoma in combination with preventive marcumar-induced coagulation inhibition] Haas R, et al. **Fortschr Geb Roentgenstr Nuklearmed** Suppl:53-5, 1972 **(Ger)**

BLOOD COAGULATION DISORDERS

Fibrinogen and the fibrinogenopathies. Morse EE. **Ann Clin Lab Sci** 1:155-61, Sep-Oct 71 (30 ref.)

Intravascular coagulation-fibrinolysis (ICF) syndrome. Owen CA Jr, et al. **Ann Clin Lab Sci** 2:26-30, Jan-Feb 72

Surgical management of the dialysis patient. Hata M, et al. **Ann Surg** 178:134-7, Aug 73

A review of the obstetrical aspects of haemostasis. Bonnar J. **Br J Haematol** 25:274-5, Aug 73

Intramuscular injection and coagulation defects. Dyk T. **Br Med J** 4:795, 30 Dec 72

Clot failure in pregnancy. **Br Med J** 4:628, 16 Dec 72

Diagnosis and treatment of common bleeding disorders. Caprini JA, et al. **Ill Med J** 142:564-8 passim, Dec 72

Coagulation problems. Czapek EE. **Int Anesthesiol Clin** 11:175-201, Summer 73 (66 ref.)

Resolution of intravitreal clots by urokinase. Forrester J, et al. **Lancet** 2:179-81, Jul 73

Hematologic problems in the newborn. Oski FA, et al. **Major Probl Clin Pediatr** 4:1-400, 1972

Intravascular coagulation--acute and chronic--disseminated and local. McKay DG. **Proc Inst Med Chic** 29:159-71, Sep 72 (29 ref.)

Effect of plasma kallikrein on coagulation in vitro. Wuepper KD, et al. **Proc Soc Exp Biol Med** 141:271-6, Oct 72

Coagulation abnormalities in acute liver failure; pathogenetic and therapeutic implications. Clark R, et al. **Scand J Gastroenterol [Suppl]** 19:63-70, 1973

Hemostatic problems in liver surgery. Rö JS. **Scand J Gastroenterol [Suppl]** 19:71-81, 1973 (67 ref.)

Effects of nutritional, endocrine and metabolic state on the development of intravascular coagulation induced by human serum preparations with procoagulant activity. Antoniades HN, et al. **Thromb Diath Haemorrh** 29:33-49, 28 Feb 73

An underwriting approach to the hemophiliac disorders. Richardson JH. **Trans Assoc Life Ins Med Dir Am** 55:39-55, 1972

[Acute poisoning with arsenic derivatives; (apropos of 4 personal cases); hemostasis disorders; ultramicroscopic study of the liver and kidney] Fréjaville JP, et al. **Ann Med Interne (Paris)** 123:713-22, Aug-Sep 72 (Eng. Abstr.) **(Fre)**

[Changes in physicochemical properties of blood biopolymers in a hyperbaric atmosphere] Charmasson R, et al. **C R Acad Sci [D] (Paris)** 275:1637-40, 9 Oct 72 **(Fre)**

[Coagulolytic function and pathology] Raby C. **Cah Anesthesiol** 20:485-90 passim, Jul-Sep 72 **(Fre)**

[Serum lipids and coagulation tests in coronary diseases] Chaudhuri S. **Pathol Biol (Paris)** 20:881-6, Nov 72 (Eng. Abstr.) **(Fre)**

[Patient questionnaire before dental treatment] Vieillefosse R. **Rev Fr Odontostomatol** 19:63-6, Jan-Feb 72 **(Fre)**

[Drug therapy of hemorrhage in dental practice] Osten W. **Zahnaerztl Prax** 24:294 passim, 1 Jun 73 **(Ger)**

[Coagulation disorders in surgery. (Emergency diagnosis--Emergency therapy)] Preusser KP, et al. **Zentralbl Chir** 97:1521-34, 28 Oct 72 **(Ger)**

[Fibrinolysis in internal medicine] Breda R, et al. **Minerva Med** 63:4803-7, 8 Dec 72 **(Ita)**

[Biochemical, physiopathological and clinical aspects of platelet adhesiveness] Gandolfo GM. **Recent Prog Med (Roma)** 52:596-630, Jun 72 **(Ita)**

[Blood clotting and fibrinolysis disorders in acute pancreatitis] Gabryelewicz A. **Acta Haematol Pol** 2:319-25, Oct-Dec 71 (Eng. Abstr.) **(Pol)**

[Case of factor XII deficiency with prolonged bleeding time] Sroczyński J, et al. **Acta Haematol Pol** 2:239-42, Jul-Sep 71 (Eng. Abstr.) **(Pol)**

[Fibrinogenopathies] Stahl M. **Acta Haematol Pol** 3:93-9, Jan-Mar 72 (22 ref.) **(Pol)**

[Liver transplantation. Experimental liver transplantation] Nielubowicz J. **Pol Arch Med Wewn** 49:273-82, Sep 72 (45 ref.) **(Pol)**

[Hemostasis disorders in liver cirrhosis] Judkiewicz L, et al. **Pol Tyg Lek** 28:708-11, 1 May 73 (34 ref.) **(Pol)**

[Changes in the internal female sex organs in leukemias. Survey of the literature] Donskaia EL. **Akush Ginekol (Mosk)** 49:54-8, Jan 73 (Eng. Abstr.) **(Rus)**

[Changes in the indices of the blood coagulation system in undeveloping pregnancy and intrauterine fetal death] Fedorova ZD, et al. **Akush Ginekol (Mosk)** 47:54-5, Dec 71 **(Rus)**

[Causes of onset, prophylaxis and treatment of the hemorrhagic complications in mechanical jaundice] Lys PV. **Klin Khir** 2:21-6, Feb 73 **(Rus)**

[The daily rhythm of blood coagulation in patients with intermediate forms of ischemic heart disease] Perepelkin EG. **Klin Med (Mosk)** 50:77-81, Dec 72 (Eng. Abstr.) **(Rus)**

[Thromboelastography in otorhinolaryngology] Shaparenko BA. **Vestn Otorinolaringol** 34:80-5, Sep-Oct 72 (Eng. Abstr.) **(Rus)**

[Vitamins. 15. Vitamin K] Nilsson IM. **Lakartidningen** 69:Suppl 3:108-10, 23 Oct 72 (Eng. Abstr.) **(Swe)**

BLOOD

Changes in antithrombin 3 levels following cessation of anticoagulant therapy. Refvem O, et al. **Acta Med Scand** 193:307-9, Apr 73

The platelet populations. Vainer H. **Adv Exp Med Biol** 34:191-217, 1972

Vascular hemostasis: a review. Stevens DJ. **Am J Med Technol** 39:252-7, Jun 73 (50 ref.)

Reactions of blood with nonbiologic surfaces. Ultrastructural and clotting studies with normal and coagulation factor deficient bloods. Mason RG, et al. **Am J Pathol** 69:271-88, Nov 72

Fibrinolytic split products. A clinicopathological correlative study in adults with lupus glomerulonephritis and various renal diseases. Bond RE, et al. **Arch Intern Med** 132:182-7, Aug 73

An acquired inhibitor to factor XIII. McDevitt NB, et al. **Arch Intern Med** 130:772-7, Nov 72

On the physiological role of 2 -macroglobulin. Rinderknecht H, et al. **Biochim Biophys Acta** 295:233-44, 25 Jan 73

Platelet factor 3 availability in bleeder swine. Cornell CN, et al. **Comp Biochem Physiol [A]** 42:817-22, 1 Aug 72

Abnormalities of blood coagulation at high altitude. Singh I, et al. **Int J Biometeorol** 16:283-97, Aug 72

The induction of thrombosis in guinea pigs by a brain tumor. Odom MH, et al. **Lab Invest** 27:550-4, Dec 72

Diagnosis of hemorrhagic disorders. Nemerson Y. **Med Clin North Am** 57:531-41, Mar 73 (30 ref.)

Plasma fibrinogen bindings in hyperthrombosis. Morelli AC, et al. **Medicina (B Aires)** 32:561-72, Nov-Dec 72

Discriminating neoantigenic differences between fibrinogen and fibrin derivatives. Plow EF, et al. **Proc Natl Acad Sci USA** 70:1169-73, Apr 73

The procoagulant activity of granulocytes. Saba HI, et al. **Proc Soc Exp Biol Med** 142:614-20, Feb 73

Uremic bleeding. Rabiner SF. **Prog Hemostasis Thromb** 1:233-50, 1972 (39 ref.)

[Test reagents for the determination of factor VIII activity in plasma and coagulation-active plasma fractions] Stein P, et al. **Dtsch Gesundheitsw** 27:2056-8, 26 Oct 72 (Eng. Abstr.) **(Ger)**

[Factor XII deficiency in two brothers] Müller G, et al. **Dtsch Med Wochenschr** 98:267-9, 9 Feb 73 (Eng. Abstr.) **(Ger)**

[Molecular-biology findings on various blood clotting

factors] Fiedler H.
Folia Haematol (Leipz) 98:121-39, 1972 (121 ref.) (Eng. Abstr.) (Ger)
[Efficiency and limits of blood coagulation tests] Róka L. **Internist (Berlin)** 14:149-53, Apr 73 (Ger)
[Efficiency and limits of immunologic methods in the diagnosis of blood coagulation] Schwick HG, et al. **Internist (Berlin)** 14:160-9, Apr 73 (Ger)
[Reliability of simple examination methods for the measurement of fibrin stabilization and factor XIII activity] Popat D, et al.
Med Welt 23:1387-9, 30 Sep 72 (Ger)
[Clinical utilization of a new blood coagulation test] Sutor AH, et al. **Med Welt** 23:1692-6, 11 Nov 72 (Ger)
[Parietal thromboplastin time, thromboplastin time fibrinogen, thrombin time and thrombocyte count in healthy and sick newborn infants] Göbel U, et al. **Monatsschr Kinderheilkd** 120:484-8, Dec 72 (Eng. Abstr.) (Ger)
[Blood coagulation disorders in a chronic eosinophilic leukemia] Zöller H.
Munch Med Wochenschr 115:1036-8, 1 Jun 73 (Eng. Abstr.) (Ger)
[Diagnostic significance of the analysis of fibrinogen derivatives] Schwabe G, et al.
Verh Dtsch Ges Inn Med 78:719-23, 1972 (Ger)
[Some recent advances in blood coagulation research] Sakuragawa N.
Jap J Clin Hematol 13:923-33, Dec 72 (48 ref.) (Jap)
[Coagulability of arterial and venous blood from healthy persons and from those with rheumatic heart defects] Savel'eva TV.
Kardiologiia 13:121-3, May 73 (Rus)
[Blood coagulation and fibrinolysis in rats with alloxan diabetes] Aivazian AI, et al.
Patol Fiziol Eksp Ter 17:83-5, Mar-Apr 73 (Eng. Abstr.) (Rus)
[Disorders in the blood coagulation postphase (clot retraction) in malignant tumors] Zhardetskii AS, et al. **Vopr Onkol** 19:77, 1973 (Rus)

CHEMICALLY INDUCED

Plasma volume, electrolyte, and coagulation factor changes following intra-amniotic hypertonic saline infusion. Easterling WE Jr, et al.
Am J Obstet Gynecol 113:1065-71, 15 Aug 72
Effect of estrogens on postpartum hypercoagulability and antithrombin 3 activity. Kaulla E von, et al.
Am J Obstet Gynecol 113:920-6, 1 Aug 72
Thromboelastographic studies in oral contraception. Sirő B, et al. **Am J Obstet Gynecol** 116:1167-8, 15 Aug 73
Experimental dysfibrinogenemia: in vivo studies with arvin. Rodriguez-Erdmann F, et al.
Blood 37:864-74, Jun 71
Coagulation changes during termination of pregnancy by prostaglandins and by vacuum aspiration. Badraoui MH, et al. **Br Med J** 1:19-21, 6 Jan 73
Mithramycin (NSC 24559) therapy of testicular tumors. Hill GJ 2d, et al. **Cancer** 30:900-8, Oct 72
Problems in blood coagulation. Ryan GM, et al.
Clin Anesth 9:75-100, 1972
Streptokinase: a review of its clinical pharmacology, mechanism of action and therapeutic uses. Brogden RN, et al. **Drugs** 5:357-445, 1973 (260 ref.)
Anticonvulsant drugs. II. Clinical pharmacological and therapeutic aspects. Kutt H, et al. **Drugs** 4:256-82, 1972
The role of platelet function tests in the evaluation of drug toxicity. Hawkins RI.
Eur J Toxicol 5:37-42, Jan-Feb 72
The purification and properties of an abnormal prothrombin protein produced by dicumarol-treated cows. A comparison to normal prothrombin. Nelsestuen GL, et al.
J Biol Chem 247:8176-82, 25 Dec 72
Vitamin K and the biosynthesis of prothrombin. II. Structural comparison of normal and dicoumarol-induced bovine prothrombin. Stenflo J.
J Biol Chem 247:8167-75, 25 Dec 72
Vitamin K and the biosynthesis of prothrombin. I. Identification and purification of a dicoumarol-induced abnormal prothrombin from bovine plasma. Stenflo J, et al.
J Biol Chem 247:8160-6, 25 Dec 72
Haemolytic uraemic syndrome in women taking oral contraceptives. Brown CB, et al.
Lancet 1:1479-81, 30 Jun 73
Potentiation of hypercoagulability by insulin. Martin W, et al. **Lancet** 1:380-1, 17 Feb 73
Removal of paracetamol by hemoperfusion. Matthew H.
Lancet 1:674, 24 Mar 73
The prothrombin-activating principle from Echis carinatus venom. II. Coagulation studies in vitro and in vivo. Schieck A, et al.
Naunyn Schmiedebergs Arch Pharmacol 274:7-17, 1972
Coagulation defects caused by diphenylhydantoin. Solomon GE, et al.
Neurology (Minneap) 22:1165-71, Nov 72
Persistent hypercoagulability after venous mesenteric infarction and oral contraceptive. Ruoff M, et al.
NY State J Med 73:791-3, 15 Mar 73
Massive autoagglutination, hemolysis, and hypergammaglobulinemia triggered by adrenocortical steroids--a case report. Linsk JA, et al.
Ohio State Med J 69:43-7, Jan 73
Platelet disorders. Gilchrist GS.
Pediatr Clin North Am 19:1047-60, Nov 72
Contraception. Swyer GI.
Trans Med Soc Lond 88:191-7, 1972
Platelet aggregation in blood donors. Schwartz AD.
Transfusion 12:344-7, Sep-Oct 72
[2 cases of thiophenicol induced thrombopenia] Bolgert M, et al.
Ann Med Interne (Paris) 123:431-2, Apr 72 (Fre)
[Active anti-platelet antibodies in the presence of acetyl-salicylic acid. Activity on platelet aggregation and cross reactions] Duriez R, et al.
Ann Med Interne (Paris) 123:593-6, Jun-Jul 72 (Fre)
[Identification and separation of different factors of the venom of Vipera aspis active in hemostasis] Boffa MC, et al. **C R Soc Biol (Paris)** 165:2287-93, 1971 (Fre)
[Pulmonary emboli caused by hormonal treatment. (Apropos of 2 cases)] Jan F, et al.
Coeur Med Interne 11:765-9, Oct-Dec 72 (Eng. Abstr.) (Fre)
[Blood coagulation disorders of a toxic (alcoholism, drugs, poisoning) or iatrogenic (anticoagulants) nature] Minssart F.
Rev Belge Med Dent 27:185-94, Mar 72 (Fre)
[Biological half-life of 131 I-labeled fibrinogen from normal and cobalt-treated rabbits] Krantz S, et al.
Acta Biol Med Ger 29:805-10, 1972 (Eng. Abstr.) (Ger)
[Oral contraceptives and venous diseases] Dapunt O.
Arch Dermatol Forsch 244:490-5, 1972 (Ger)
[Vitamin A overdosage. II. Cytological and biochemical changes in blood from high doses of vitamin A with and without alpha-tocopherol treatment] Soliman MK.
Int J Vitam Nutr Res 42:576-82, 1972 (Eng. Abstr.) (Ger)
[Side effects and complication possibilities following high-dosage furosemide treatment] Burmeister H, et al. **Med Klin** 67:1401-6, 27 Oct 72 (Eng. Abstr.) (Ger)
[Therapy of acute leukemias in children. 2] Jacquillat C, et al.
Med Klin 67:1040-5, 11 Aug 72 (Eng. Abstr.) (Ger)
[Blood coagulation, fibrinolysis, and transaminases during the action of ovulation inhibitors in and following gradational physical stress] Scheele K, et al.
Med Welt 23:1118-20, 19 Aug 72 (Ger)
[Defect in oral anticoagulation. Etiology and explanation] Seiler K.
Schweiz Med Wochenschr 102:1415-23, 7 Oct 72 (Eng. Abstr.) (Ger)
[Coagulation changes following injection of a purified contact activation product] Barth P, et al.
Verh Dtsch Ges Inn Med 77:1029-32, 1971 (Ger)
[Hypercoagulability caused by colamin-kephalin] Bruhn HD, et al.
Verh Dtsch Ges Inn Med 78:726-8, 1972 (Ger)
[Reactions due to hypersensitivity to dextran] Zaffiri O, et al. **Minerva Anestesiol** 39:238-41, May 73 (Ita)
[Neonatal hemorrhage following maternal anticonvulsant therapy. Value of vitamin K prophylaxis] Seip M.
Tidsskr Nor Laegeforen 92:1472-3, 20 Aug 72 (Eng. Abstr.) (Nor)
[Hyperfibrinogemia following activator therapy] Zawilska K, et al.
Acta Haematol Pol 3:53-8, Jan-Mar 72 (Eng. Abstr.) (Pol)
[The effect of oxytocin on the course of the placental period and the coagulation properties of the venous blood of parturients] Petrov-Maslakov MA, et al.
Akush Ginekol (Mosk) 47:14-9, Oct 71 (Eng. Abstr.) (Rus)
[Changes in the blood clotting system during surgery

under neuroleptoanalgesia] Koliutskaia OD, et al. **Khirurgiia (Mosk)** 48:60-3, Aug 72 (Eng. Abstr.) **(Rus)**

[The interrelationship between vitamins A and K and their influence on the blood coagulation system] Andreenko GV, et al. **Vopr Pitan** 31:48-52, Jul-Aug 72 (Eng. Abstr.) **(Rus)**

CLASSIFICATION

Management of dentoalveolar hemorrhage. Lapeyrolerie F. **Dent Clin North Am** 17:523-32, Jul 73

[Blood hypercoagulability (attempted classification of pre-thrombotic states)] Tymiński W. **Wiad Lek** 26:423-6, 1 Mar 73 (11 ref.) **(Pol)**

COMPLICATIONS

"Risk factors" in ischaemic heart disease. Fejfar Z. **Acta Cardiol (Brux) Suppl** 25:7-35, 1972 (94 ref.)

Clinical studies in sudden deafness. Jaffe BF. **Adv Otorhinolaryngol** 20:221-8, 1973

How to treat nosebleed. Barga JL. **Am Fam Physician** 8:66-73, Aug 73

The role of acid in the pathogenesis of aspirin-induced gastrointestinal erosions and hemorrhage. Cooke AR. **Am J Dig Dis** 18:225-37, Mar 73 (72 ref.)

Primary and chronic thromboembolic pulmonary hypertension. Nosologic spectrum. Trell E. **Angiology** 23:558-74, Oct 72 (188 ref.)

Circulating anticoagulants against factors IX and XI in systemic lupus erythematosus. Castro O, et al. **Ann Intern Med** 77:543-8, Oct 72

Anaphylactoid purpura, cold exposure, and cryofibrinogenemia. Griswold WR, et al. **Ann Intern Med** 78:611, Apr 73

The use of the G suit in the control of bleeding arising from hypocoagulation. Lewis DG, et al. **Ann R Coll Surg Engl** 52:53-8, Jan 73

Serial coagulation studies in patients undergoing Mustard procedure. Wedemeyer AL, et al. **Ann Thorac Surg** 15:120-7, Feb 73

Natural history of adrenal haemorrhage in the newborn. Black J, et al. **Arch Dis Child** 48:183-90, Mar 73

Heparin therapy in meningococcal septicaemia. Hunter J. **Arch Dis Child** 48:233-5, Mar 73

Prevention of post-traumatic pulmonary insufficiency. Fine screen filtration of blood. Reul GJ Jr, et al. **Arch Surg** 106:386-94, Apr 73

Combined deficiency of factor V and factor VIII: report of a family and genetic analysis. Sibinga CT, et al. **Br J Haematol** 23:467-81, Oct 72

Intramuscular injection and coagulation defects. Berkessy S. **Br Med J** 1:358, 10 Feb 73

Behçet's disease with decreased fibrinolysis and superior vena caval occlusion. Chajek T, et al. **Br Med J** 1:782-3, 31 Mar 73

Perinatal coagulopathies complicating fetal blood sampling. Hull MG. **Br Med J** 4:319-21, 11 Nov 72

Thrombophlebitis and chronic venous insufficiency. Young JR. **Geriatrics** 28:63-9, Sep 73

Purpura fulminans. Urbaniak JR, et al. **J Bone Joint Surg [Am]** 55:69-77, Jan 73

Coagulation disorder in abruptio placentae. Choudhury NN. **J Indian Med Assoc** 58:428-9, 1 Jun 72

Coagulation and renal disease. Kincaid-Smith P. **Kidney Int** 2:183-90, Oct 72 (99 ref.)

Blood coagulation and platelet abnormalities in cyanotic congenital heart-disease. Goldschmidt B. **Lancet** 1:607, 17 Mar 73

Long-term blood abnormalities in thrombosis. **Lancet** 2:133-4, 21 Jul 73

Management of the pediatric surgical patient. Buntain WL, et al. **Mayo Clin Proc** 47:654-80, Sep 72 (61 ref.)

Abnormal bleeding after prostatectomy: illustrative cases and review of management. O'Sullivan EF, et al. **Med J Aust** 2:1165-9, 18 Nov 72

Acute promyelocytic leukemia in pregnancy. Bhoopathi B, et al. **Obstet Gynecol** 41:275-8, Feb 73

Circulating anticoagulants in the newborn: relation to hypercoagulability and the idiopathic respiratory distress syndrome. Mahasandanan C, et al. **Pediatr Res** 7:670-3, Jul 73

Pathogenesis of hemorrhagic pulmonary edema and massive pulmonary hemorrhage in the newborn. Cole VA, et al. **Pediatrics** 51:175-87, Feb 73

Coagulation abnormalities in liver disease. Losowsky MS, et al. **Postgrad Med** 53:147-52, Jan 73

Intravascular coagulation--acute and chronic--disseminated and local. McKay DG. **Proc Inst Med Chic** 29:159-71, Sep 72 (29 ref.)

Current studies in surgical shock. Irving M. **Proc R Soc Med** 65:1116-8, Dec 72 (22 ref.)

New aspects of the pathogenesis of thrombo-embolism. Nilsson IM, et al. **Prog Surg** 11:46-68, 1973 (89 ref.)

Factor VIII inhibitor: acquired haemostatic defect in a nonhaemophiliac patient with rheumatoid arthritis. Payne RW, et al. **Scott Med J** 17:310-3, Sep 72

Hemostatic abnormalities associated with dysproteinemias. Lackner H. **Semin Hematol** 10:125-33, Apr 73 (72 ref.)

Intravenous infusion of a standardised coagulation active phospholipid complex in uremic coagulation deficiency. Return to normal of thrombin generation and prothrombin consumption. Schimpf K, et al. **Thromb Diath Haemorrh** 27:554-8, 31 Jul 72

The chair and venous thrombosis. Dexter L. **Trans Am Clin Climatol Assoc** 84:1-15, 1973

Disturbances of coagulation mechanism in protein-calorie malnutrition. Hassanein EA, et al. **Trop Geogr Med** 25:158-62, Jun 73

[Defibrination syndromes in obstetrics and their differential diagnosis] Kubisz P, et al. **Cesk Gynekol** 38:401-3, Jul 73 (Eng. Abstr.) **(Cze)**

[Hypercalcemia and antithrombin activity in a case of IgA myeloma] Baele G, et al. **Ned Tijdschr Geneeskd** 116:1444-50, 12 Aug 72 (Eng. Abstr.) **(Dut)**

[Diseases associated with ischemic cerebrovascular disorders] Autio L. **Duodecim** 89:390-9, 1973 **(Fin)**

[Postpartum hemorrhage caused by acute defibrination treated by exchange transfusion and heparin therapy] Morin P, et al. **Bull Fed Soc Gynecol Obstet Lang Fr** 23:557-8, Nov-Dec 71 **(Fre)**

[Calcification of the adrenal gland and cytomegalovirus infection in early childhood] Magnin D. **Helv Paediatr Acta** 28:135-43, May 73 (Eng. Abstr.) **(Fre)**

[Thrombocythemia associated with fibrinolysis and unusual neurologic manifestations] Popovic K, et al. **Lyon Med** 228:275-7, 8 Oct 72 **(Fre)**

[Peroperative coagulopathy. Its prophylaxis, by lavage-aspiration and peroperative heparin therapy] Setbon L. **Nouv Presse Med** 2:442, 17 Feb 73 **(Fre)**

[Coagulation disorders during acute leukemias] Josso F, et al. **Rev Prat** 23:195-9, 11 Jan 73 **(Fre)**

[Cryptogenic anti-8 inhibitor] Rochon M, et al. **Union Med Can** 100:2353-6, Dec 71 (Eng. Abstr.) **(Fre)**

[Experimental studies on the problem of local Shwartzman phenomenon in the skin. V. Observations on the significance of blood coagulation disorders during provocation of the phenomenon in an endotoxin-free guinea pig model] Illig L, et al. **Arch Dermatol Forsch** 246:11-26, 29 Jan 73 (Eng. Abstr.) **(Ger)**

[Analysis of gastric hemorrhage in 150 patients] Thies HA, et al. **Dtsch Med Wochenschr** 98:703-8, 11 May 73 (Eng. Abstr.) **(Ger)**

[Thrombosis as a complication of nephrotic syndrome] Egli F, et al. **Helv Paediatr Acta** 30:Suppl:20-1, 1973 **(Ger)**

[Diagnosis and therapy of blood coagulation disorders in obstetrics and gynecology] Felder KD. **Med Klin** 67:1220-6, 22 Sep 72 **(Ger)**

[Blood coagulation disorders in liver diseases] Meyer-Burg J. **Med Klin** 68:187-91, 9 Feb 73 **(Ger)**

[Coagulation studies in hemorrhagic diatheses] Deutsch E. **Med Lab (Stuttg)** 26:43-7, Feb 73 **(Ger)**

[Postponing of menstruation before dental-surgical measures?] Holzmann K. **Munch Med Wochenschr** 115:123-4, 26 Jan 73 **(Ger)**

[Blood coagulation disorders in a chronic eosinophilic leukemia] Zöller H. **Munch Med Wochenschr** 115:1036-8, 1 Jun 73 (Eng. Abstr.) **(Ger)**

[Hypermenorrhea] Cyran W. **Ther Umsch** 30:503-5, Jul 73 (Eng. Abstr.) **(Ger)**

[Surgery following heart valve prosthesis] Pannwitz HG, et al. **Zentralbl Chir** 97:1428-30, 7 Oct 72 **(Ger)**

[Quantitative estimation of the risk of coronary disease] Menotti A. **G Ital Cardiol** 2:665-75, 1972 (Eng. Abstr.) **(Ita)**

[Hemorrhagic diathesis associated with partial factor XII deficiency] Zywicka-Lopaciuk H, et al. **Acta Haematol Pol** 3:257-63, Jul-Sep 72 (Eng. Abstr.) **(Pol)**

[Role of blood clotting and fibrinolytic disorders in

diabetics in the development of pathological changes in blood vessels] Chmielewski J.
Wiad Lek 26:815-7, 1 Apr 73 **(Pol)**
[Current knowledge of the physiopathology of pulmonary thromboembolism] Anghel IS.
Chirurgia (Bucur) 21:587-95, Jul 72 **(Rum)**
[Thrombogenesis. Role of the thrombocytes, coagulation and fibrinolysis in thrombosis] Stoichiţă-Papilian M.
Stud Cercet Med Interna 13:219-35, 1972 **(Rum)**
[Gastroduodenal hemorrhages following operations on the liver, biliary tracts and pancreas] Grishkevich EV, et al.
Klin Med (Mosk) 51:74-80, Feb 73 (Eng. Abstr.) **(Rus)**
[Role of coagulopathy in the pathogenesis of hemorrhagic diathesis in chronic renal insufficiency] Belitskaia GA.
Ter Arkh 44:93-6, Aug 72 (Eng. Abstr.) **(Rus)**
[Hemocoagulation in patients with peptic ulcer and its complications] Starukhin AM.
Ter Arkh 44:82-5, Nov 72 (Eng. Abstr.) **(Rus)**
[Management of upper gastrointestinal bleeding. 5. Coagulopathy and gastrointestinal hemorrhage] Blombäck M, et al.
Lakartidningen 69:4952-6, 18 Oct 72 (Eng. Abstr.) **(Swe)**
[Children with cyanotic heart defects--general symptoms and compensation mechanisms] Hedvall G.
Lakartidningen 70:833-6, 28 Feb 73 (Eng. Abstr.) **(Swe)**

CONGENITAL

Platelet coagulant activities in thrombasthenia. Walsh PN. **Br J Haematol** 23:553-69, Nov 72
Diagnosis of hemorrhagic disorders. Nemerson Y. **Med Clin North Am** 57:531-41, Mar 73 (30 ref.)
Haemostatic functions of platelets and their disorders. Hardisty RM. **Sci Basis Med** 222-37, 1972 (55 ref.)
[Congenital blood coagulation disorders] Favre-Gilly J. **Lyon Med** 19:Suppl:119-31, Apr 72 **(Fre)**
[Fibrinogen. Hereditary hypo--and dysfibrinogenemia] Gajdos A.
Nouv Presse Med 2:1067-71, Apr 73 (30 ref.) **(Fre)**
[Congenital dysfibrinogenemia] Soria J, et al.
Nouv Presse Med 2:1792, 30 Jun 73 **(Fre)**

DIAGNOSIS

Electronic method for quantitation of bleeding time. Bowie EJ, et al. **Am J Clin Pathol** 58:255-9, Sep 72
Nature and biological activities of degradation products of fibrinogen and fibrin. Kwaan HC, et al. **Annu Rev Med** 24:335-44, 1973 (76 ref.)
Platelet function tests in disease. Tschopp TB, et al. **Annu Rev Med** 24:1-18, 1973 (214 ref.)
Diagnosis and treatment of common bleeding disorders. Caprini JA, et al.
Ill Med J 142:564-8 passim, Dec 72
Venous infarction of the myocardium in a newborn child: an unusual effect of disseminated intravascular coagulation. McCormack M.
J Clin Pathol 26:364-6, May 73
Acquired circulating anticoagulants. Fleming A, et al. **J Kans Med Soc** 78:483-5 passim, Nov 72
A simple, rapid determination of fibrin degradation product by cross-over immunoelectrophoresis. Pongpipat D, et al. **J Med Assoc Thai** 55:732-5, Dec 72
An approach to acquired coagulation problems in the neonatal surgical patient. Asch MJ, et al. **J Pediatr Surg** 8:227-34, Apr 73
Activated coagulation time as screening test. Hattersley PG. **JAMA** 222:583-4, 30 Oct 72
F.D.P. **Lancet** 2:957-8, 4 Nov 72
Diagnosis of hemorrhagic disorders. Nemerson Y. **Med Clin North Am** 57:531-41, Mar 73 (30 ref.)
Abnormal bleeding after prostatectomy: illustrative cases and review of management. O'Sullivan EF, et al. **Med J Aust** 2:1165-9, 18 Nov 72
The partial thromboplastin time test: distinction between inhibitor and clotting-factor deficiency. Knights SF, et al. **Med Lab Technol** 30:43-7, Jan 73
Diagnosis and treatment of inherited bleeding disorders. Strauss HS.
Pediatr Clin North Am 19:1009-28, Nov 72 (79 ref.)
Circulating anticoagulants in the newborn: relation to hypercoagulability and the idiopathic respiratory distress syndrome. Mahasandanan C, et al. **Pediatr Res** 7:670-3, Jul 73
Developments in transient hemorrhagic disorders. Rowe AJ, et al. **Tex Med** 69:72-8, Feb 73 (78 ref.)
The treatment of patients having spontaneously occurring antibodies to antihaemophilic factor (factor VIII). Rizza CR, et al.
Thromb Diath Haemorrh 28:120-8, 31 Aug 72
Inherited blood clotting disorders. Report of a WHO scientific group. **WHO Tech Rep Ser** 504:1-48, 1972
[Defibrination syndromes in obstetrics and their differential diagnosis] Kubisz P, et al.
Cesk Gynekol 38:401-3, Jul 73 (Eng. Abstr.) **(Cze)**
[Blood coagulation disorders in patients with chronic renal insufficiency] Follana R, et al.
J Urol Nephrol (Paris) 78:1004-7, Dec 72 **(Fre)**
[Primary hemostasis] Dechavanne M, et al.
Lyon Med 19:Suppl:100-2, Apr 72 **(Fre)**
[Congenital blood coagulation disorders] Favre-Gilly J. **Lyon Med** 19:Suppl:119-31, Apr 72 **(Fre)**
[Is the clotting time still useful?] Lacassie F.
Nouv Presse Med 2:413-4, 17 Feb 73 **(Fre)**
[Measurement of fibrinogen degradation products: its usefulness in consumption coagulopathies] Thuot C, et al.
Union Med Can 102:66-9, Jan 73 (Eng. Abstr.) **(Fre)**
[Molecular-biology findings on various blood clotting factors] Fiedler H.
Folia Haematol (Leipz) 98:121-39, 1972 (121 ref.) (Eng. Abstr.) **(Ger)**
[Treatment problems in acute circulation disorders of the inner ear using low molecular dextrans] Förster KH, et al. **HNO** 20:208-11, Jul 72 (Eng. Abstr.) **(Ger)**
[Diagnosis and therapy of blood coagulation disorders in obstetrics and gynecology] Felder KD.
Med Klin 67:1220-6, 22 Sep 72 **(Ger)**
[Hyperfibrinolysis and reduced fibrinolytic activity in the thrombelastogram of children] Suschke HJ, et al.
Med Monatsschr 26:521-3, Nov 72 **(Ger)**
[A simple method for plasminogen determination] Rogner G.
Z Med Labortech 14:40-5, 1973 (Eng. Abstr.) **(Ger)**
[Coagulation disorders in surgery. (Emergency diagnosis--Emergency therapy)] Preusser KP, et al.
Zentralbl Chir 97:1521-34, 28 Oct 72 **(Ger)**
[Diagnostics and therapy of hemolytic-hemorrhagic transfusion incidents] Brüster H.
Zentralbl Neurochir 33:63-8, 1972 (Eng. Abstr.) **(Ger)**
[3 cases of defibrination syndrome in infants] Violante N, et al.
Minerva Pediatr 25:161-5, 11 Feb 73 (Eng. Abstr.) **(Ita)**
[Prothrombin complex: new data of biochemical and clinical interest] Girolami A.
Quad Sclavo Diagn 7:449-61, Mar 71 **(Ita)**
[Consumption coagulopathy in internal medicine] Yamada S, et al.
Jap J Clin Hematol 13:199-202, Apr 72 **(Jap)**
[Blood coagulation and fibrinolysis disorders connected with open heart surgery using extracorporeal circulation] Palester-Chlebowczyk M, et al.
Acta Haematol Pol 2:163-8, Apr-Jun 71 (Eng. Abstr.) **(Pol)**
[Usefulness of a modified thrombin generation test in the diagnosis of chronometric hypercoagulability] Zawilska K, et al.
Acta Haematol Pol 3:155-60, Apr-Jun 72 (Eng. Abstr.) **(Pol)**
[Prevention of bleeding following enucleation of prostatic adenoma in the light of thrombelastography and treatment by means of amino caproic acid (EACA)] Jasiński Z, et al.
Pol Przegl Chir 44:Suppl:1599-602, Oct 72 (Eng. Abstr.) **(Pol)**
[Partial thromboplastin time activated with kaolin (PTTTK), a sensitive test of total plasmatic coagulability] Poppa C, et al.
Stud Cercet Med Interna 13:489-93, 1972 (Eng. Abstr.) **(Rum)**
[Changes in biochemical indices in parturients with thrombophlebitis of the deep veins of the lower extremities] Mareev EV, et al.
Akush Ginekol (Mosk) 49:61-3, Feb 73 **(Rus)**
[The functional state of the sympathetic-adrenal system in different phases of the thrombohemorrhagic syndrome] Giants RM, et al.
Biull Eksp Biol Med 73:14-6, Nov 72 (Eng. Abstr.) **(Rus)**
[Autocoagulation test indices in the presence of changes in blood fibrinolytic activity] Barkagan LZ.
Lab Delo 11:665-8, 1972 **(Rus)**
[The frequency of diagnosing thrombosis according to

the signs of absolute hypocoagulemia] Smolianitskii AIa, et al. **Lab Delo** 11:670-2, 1972 **(Rus)**

[Determining blood coagulation fractions (review of Soviet and foreign literature)] Golovin GV, et al. **Vestn Khir** 110:138-42, Apr 73 (42 ref.) **(Rus)**

[Evaluation of the changes in the blood coagulation system in the dynamics of treating ischemic insult with anticoagulants] Lobkova TN. **Zh Nevropatol Psikhiatr** 73:645-51, 1973 (Eng. Abstr.) **(Rus)**

[Thrombelastography applied to the study of hypercoaguability] Vaillant SB, et al. **Rev Clin Esp** 125:533-8, 30 Jun 72 (Eng. Abstr.) **(Spa)**

[Management of upper gastrointestinal bleeding. 5. Coagulopathy and gastrointestinal hemorrhage] Blombäck M, et al. **Lakartidningen** 69:4952-6, 18 Oct 72 (Eng. Abstr.) **(Swe)**

DRUG THERAPY

Changes in antithrombin 3 levels following cessation of anticoagulant therapy. Refvem O, et al. **Acta Med Scand** 193:307-9, Apr 73

Clinical considerations for the anesthesiologist whose patient is on anticoagulant therapy. Ellison N, et al. **Anesthesiology** 39:328-36, Sep 73 (57 ref.)

Circulating anticoagulants against factors IX and XI in systemic lupus erythematosus. Castro O, et al. **Ann Intern Med** 77:543-8, Oct 72

Disulfiram and warfarin. Chin JL. **Ann Intern Med** 79:288-9, Aug 73

An IgM circulating anticoagulant with factor VIII inhibitory activity. McKelvey EM, et al. **Ann Intern Med** 77:571-5, Oct 72

Fibrin-stabilizing factor inhibitors. Nilsson JL, et al. **Ann NY Acad Sci** 202:286-96, 8 Dec 72

Clinical pharmacology of drug interactions. Raisfeld IH. **Annu Rev Med** 24:385-418, 1973 (179 ref.)

Heparin therapy in meningococcal septicaemia. Hunter J. **Arch Dis Child** 48:233-5, Mar 73

Prothrombin during warfarin treatment. Brozović M, et al. **Br J Haematol** 24:579-88, May 73

Behçet's disease with decreased fibrinolysis and superior vena caval occlusion. Chajek T, et al. **Br Med J** 1:782-3, 31 Mar 73

Lipoprotein-lipase modifications in subjects treated with a synthetic, heparin-like polyanion (SP 54). Frandoli G, et al. **Farmaco [Prat]** 27:514-8, Sep 72

Heparin resistance in relation to hyperlipidemia and hypercoagulability in atherosclerotic diabetics and non-diabetics. Higazi AM, et al. **J Egypt Med Assoc** 55:577-94, 1972

An approach to acquired coagulation problems in the neonatal surgical patient. Asch MJ, et al. **J Pediatr Surg** 8:227-34, Apr 73

Heparin: help or hindrance? A commentary and review. Broders AC 3d, et al. **J Reprod Med** 10:269-71, Jun 73

The coagulation defect after envenomation by the bite of the dugite (Demansia nuchalis affinis), a Western Australian brown snake. Herrmann RP, et al. **Med J Aust** 2:183-6, 22 Jul 72

Abnormal bleeding after prostatectomy: illustrative cases and review of management. O'Sullivan EF, et al. **Med J Aust** 2:1165-9, 18 Nov 72

The nature of the heterogeneity of prothrombin during dicoumarol therapy. Morrison SA, et al. **Nature [New Biol]** 242:92-4, 21 Mar 73

Coagulation defects caused by diphenylhydantoin. Solomon GE, et al. **Neurology (Minneap)** 22:1165-71, Nov 72

Coagulation abnormalities in acute liver failure; pathogenetic and therapeutic implications. Clark R, et al. **Scand J Gastroenterol [Suppl]** 19:63-70, 1973

Factor VIII inhibitor: acquired haemostatic defect in a nonhaemophiliac patient with rheumatoid arthritis. Payne RW, et al. **Scott Med J** 17:310-3, Sep 72

Is primary fibrinolysis a real entity? Gans H. **Surg Gynecol Obstet** 136:975-6, Jun 73

The treatment of patients having spontaneously occurring antibodies to antihaemophilic factor (factor VIII). Rizza CR, et al. **Thromb Diath Haemorrh** 28:120-8, 31 Aug 72

Intravenous infusion of a standardised coagulation active phospholipid complex in uremic coagulation deficiency. Return to normal of thrombin generation and prothrombin consumption. Schimpf K, et al. **Thromb Diath Haemorrh** 27:554-8, 31 Jul 72

[Experimental therapy of the post-irradiation blood coagulation disorders] Pospíšil J, et al. **Cas Lek Cesk** 112:754-6, 1973 (Eng. Abstr.) **(Cze)**

[Coagulation disorders during continuous reinjections of ascitic fluid. Fibrinolysis or intravascular coagulation?] Levy VG, et al. **Nouv Presse Med** 2:446, 17 Feb 73 **(Fre)**

[Principles, limits, and modalities of application of classical anticoagulants] Vergoz D. **Phlebologie** 26:105-7, Jan-Mar 73 **(Fre)**

[Remarks on the use of Ca heparinate by subcutaneous route in anticoagulant therapy] Vivien P. **Phlebologie** 26:15-21, Jan-Mar 73 (Eng. Abstr.) **(Fre)**

[Cryptogenic anti-8 inhibitor] Rochon M, et al. **Union Med Can** 100:2353-6, Dec 71 (Eng. Abstr.) **(Fre)**

[Various viewpoints on patient care in anticoagulant therapy] Kober R. **Dtsch Gesundheitsw** 27:2284-5, 30 Nov 72 (Eng. Abstr.) **(Ger)**

[Vitamin A overdosage. II. Cytological and biochemical changes in blood from high doses of vitamin A with and without alpha-tocopherol treatment] Soliman MK. **Int J Vitam Nutr Res** 42:576-82, 1972 (Eng. Abstr.) **(Ger)**

[Theoretical and clinical aspects of streptokinase therapy] Lübcke P, et al. **Med Welt** 23:1747-9, 18 Nov 72 **(Ger)**

[Administration of acetylsalicylic acid in patients under long-term oral anticoagulant therapy] Barth P, et al. **Verh Dtsch Ges Inn Med** 78:723-6, 1972 **(Ger)**

[The therapeutic management of hemorrhagic diathesis in dentistry] Pantazapoulos P, et al. **Stomatologia (Athenai)** 29:415-24, Nov-Dec 72 (Eng. Abstr.) **(Gre)**

[Neonatal hemorrhage following maternal anticonvulsant therapy. Value of vitamin K prophylaxis] Seip M. **Tidsskr Nor Laegeforen** 92:1472-3, 20 Aug 72 (Eng. Abstr.) **(Nor)**

[Mechanisms of action of oral anticoagulants] Uszyński L. **Acta Haematol Pol** 3:133-9, Apr-Jun 72 (Eng. Abstr.) **(Pol)**

[Hyperfibrinogemia following activator therapy] Zawilska K, et al. **Acta Haematol Pol** 3:53-8, Jan-Mar 72 (Eng. Abstr.) **(Pol)**

[Prevention of bleeding following enucleation of prostatic adenoma in the light of thrombelastography and treatment by means of amino caproic acid (EACA)] Jasiński Z, et al. **Pol Przegl Chir** 44:Suppl:1599-602, Oct 72 (Eng. Abstr.) **(Pol)**

[Vitamins. 15. Vitamin K] Nilsson IM. **Lakartidningen** 69:Suppl 3:108-10, 23 Oct 72 (Eng. Abstr.) **(Swe)**

ENZYMOLOGY

The purification and properties of an abnormal prothrombin protein produced by dicumarol-treated cows. A comparison to normal prothrombin. Nelsestuen GL, et al. **J Biol Chem** 247:8176-82, 25 Dec 72

Vitamin K and the biosynthesis of prothrombin. II. Structural comparison of normal and dicoumarol-induced bovine prothrombin. Stenflo J. **J Biol Chem** 247:8167-75, 25 Dec 72

Vitamin K and the biosynthesis of prothrombin. I. Identification and purification of a dicoumarol-induced abnormal prothrombin from bovine plasma. Stenflo J, et al. **J Biol Chem** 247:8160-6, 25 Dec 72

F.D.P. **Lancet** 2:957-8, 4 Nov 72

[Hematological pathology and clinical enzymology] Ballerini G, et al. **Quad Sclavo Diagn** 8:98-145, Mar 72 (255 ref.) (Eng. Abstr.) **(Ita)**

[Blood hypercoagulability (attempted classification of pre-thrombotic states)] Tymiński W. **Wiad Lek** 26:423-6, 1 Mar 73 (11 ref.) **(Pol)**

ETIOLOGY

Experimental heterotopic liver transplantation. Bornemisza G, et al. **Acta Chir Acad Sci Hung** 13:385-93, 1972

Current management of thermal burns. Pruitt BA Jr, et al. **Adv Surg** 6:237-88, 1972 (129 ref.)

Heparin therapy in a patient bitten by a saw-scaled

viper (Echis carinatus), a snake whose venom activates prothrombin. Weiss HJ, et al. **Am J Med** 54:653-62, May 73

Massive hemorrhage associated with circulating antibodies to factor V. Onuora CA, et al. **Am J Med Sci** 265:407-17, May 73

Fibrinogen and the fibrinogenopathies. Morse EE. **Ann Clin Lab Sci** 1:155-61, Sep-Oct 71 (30 ref.)

Circulating anticoagulants against factors IX and XI in systemic lupus erythematosus. Castro O, et al. **Ann Intern Med** 77:543-8, Oct 72

Anaphylactoid purpura, cold exposure, and cryofibrinogenemia. Griswold WR, et al. **Ann Intern Med** 78:611, Apr 73

Qualitative platelet disorders: classification and pathogenesis. Ulutin ON. **Ann NY Acad Sci** 201:174-93, 27 Oct 72

Coagulation changes of septic shock in the sub-human primate and their relationship to hemodynamic changes. Horowitz DL, et al. **Ann Surg** 175:417-23, Mar 72

Coagulopathy after major combat injury: occurrence, management, and pathophysiology. McNamara JJ, et al. **Ann Surg** 176:243-6, Aug 72

Hypothermia and coagulation defects in the newborn. Chadd MA, et al. **Arch Dis Child** 47:819-21, Oct 72

Haemorrhage caused by isografts of submandibular glands of male mice. Lin CD, et al. **Arch Oral Biol** 17:1241-3, Aug 72

Respiratory and coagulation changes after uncomplicated fractures. Wilson RF, et al. **Arch Surg** 106:395-9, Apr 73

Microangiopathic haemolytic anaemia associated with hypercalcaemia in an experimental rat tumour. Hilgard P, et al. **Br J Haematol** 24:245-54, Feb 73

Experimental transfusion reactions in monkeys: haemolytic, coagulant and renal effects of transfused isoimmune IgG and IgM. Lopas H, et al. **Br J Haematol** 23:765-76, Dec 72

Coagulation changes during termination of pregnancy by prostaglandins and by vacuum aspiration. Badraoui MH, et al. **Br Med J** 1:19-21, 6 Jan 73

Some observations in lepra reaction. Mukherjee A, et al. **Bull Calcutta Sch Trop Med** 19:57-9, Jul 71

Problems in blood coagulation. Ryan GM, et al. **Clin Anesth** 9:75-100, 1972

Surgical correction of scoliosis in a child with hemostatic abnormalities secondary to cyanotic congenital heart disease. Bunch WH, et al. **Clin Orthop** 89:139-42, 1972

The hemorrhagic phenomena associated with green pit viper (Trimeresurus erythrurus and Trimeresurus popeorum) bites in children. A report of studies to elucidate their pathogenesis. Mitrakul C, et al. **Clin Pediatr (Phila)** 12:215-8, Apr 73

Acute acetaminophen poisoning. Matthew H. **Clin Toxicol** 6:9-11, 1973

Blood component therapy for abnormalities of hemostasis in liver disease. Glassman AB. **Conn Med** 36:572-5, Oct 72

Infectious mononucleosis presenting as jaundice and bleeding. Report of a case. Dubey SM, et al. **Indian J Pediatr** 39:203-5, Jun 72

Effect in mice of injection of viable Candida albicans and a cell-free sonic extract on circulating platelets. Holder IA, et al. **Infect Immun** 7:468-72, Mar 73

Abnormalities of blood coagulation at high altitude. Singh I, et al. **Int J Biometeorol** 16:283-97, Aug 72

Interactions of the classical and alternate complement pathway with endotoxin lipopolysaccharide. Effect on platelets and blood coagulation. Kane MA, et al. **J Clin Invest** 52:370-6, Feb 73

A clinical and experimental study of platelet function in chronic renal failure. Evans EP, et al. **J Clin Pathol** 25:745-53, Sep 72

Some observations on the aetiology and management of coagulation failure complicating abruptio placentae. Basu HK. **J Indian Med Assoc** 58:409-16, 1 Jun 72

An approach to acquired coagulation problems in the neonatal surgical patient. Asch MJ, et al. **J Pediatr Surg** 8:227-34, Apr 73

Heparin: help or hindrance? A commentary and review. Broders AC 3d, et al. **J Reprod Med** 10:269-71, Jun 73

Platelet response and coagulation changes following massive blood replacement. Lim RC Jr, et al. **J Trauma** 13:577-82, Jul 73

The induction of thrombosis in guinea pigs by a brain tumor. Odom MH, et al. **Lab Invest** 27:550-4, Dec 72

Ancrod, heparin, and -aminocaproic acid in simian Knowlesi malaria. Reid HA, et al. **Lancet** 2:1110-2, 25 Nov 72

Diagnosis of hemorrhagic disorders. Nemerson Y. **Med Clin North Am** 57:531-41, Mar 73 (30 ref.)

Bleeding disorders due to abnormal platelet function. Weiss HJ. **Med Clin North Am** 37:517-30, Mar 73 (58 ref.)

The coagulation defect after envenomation by the bite of the dugite (Demansia nuchalis affinis), a Western Australian brown snake. Herrmann RP, et al. **Med J Aust** 2:183-6, 22 Jul 72

The postabortal pain syndrome: a new entity. Nathanson BN. **Obstet Gynecol** 41:739-42, May 73

Acquired coagulation disorders in children. McMillan CW, et al. **Pediatr Clin North Am** 19:1029-45, Nov 72

Dysfibrinogenaemia associated with primary hepatoma. Verhaeghe R, et al. **Scand J Haematol** 9:451-8, 1972

Coagulation and fibrinolysis in simian Plasmodium knowlesi malaria. Sucharit P, et al. **Southeast Asian J Trop Med Public Health** 4:15-8, Mar 73

Effect of para-aminomethylbenzoic acid on the post-irradiation disturbance of haemocoagulation in dogs after whole-body exposure to 600 R. Pospíšil J, et al. **Strahlentherapie** 144:728-36, Dec 72

Correlation of hyperfibrinogenemia with major thromboembolism in patients with cancer. Brugarolas A, et al. **Surg Gynecol Obstet** 136:75-7, Jan 73

Is primary fibrinolysis a real entity? Gans H. **Surg Gynecol Obstet** 136:975-6, Jun 73

Developments in transient hemorrhagic disorders. Rowe AJ, et al. **Tex Med** 69:72-8, Feb 73 (78 ref.)

[General biological basis of reaction to aggression] Laborit H. **Agressologie** 13:1-54, 1972 (Eng. Abstr.) **(Fre)**

[Mortality of burn patients: etiological factors] Bouzidi A, et al. **Ann Chir Plast** 18:133-40, 1973 (Eng. Abstr.) **(Fre)**

[Importance of shock in the activation of fibrinolysis caused by injection of incompatible blood in dogs. Effect of a previous hypotension] Dosne AM. **C R Soc Biol (Paris)** 165:2299-304, 1971 **(Fre)**

[Mechanism inducing blood hypercoagulability in severe hypoxia] Strumza MV, et al. **C R Soc Biol (Paris)** 165:1861-3, 1971 **(Fre)**

[Hemostasis disorders in patients with multiple injuries] Moriau M. **Cah Anesthesiol** 20:379-81, May-Jun 72 **(Fre)**

[Orthotopic transplantation of the liver in the dog. Report of 50 cases. Trial of an antilymphocyte serum] Moreux J, et al. **J Chir (Paris)** 103:401-8, Apr 72 (Eng. Abstr.) **(Fre)**

[Acute ischemia of the intestine and its revascularization] Winninger AL. **J Chir (Paris)** 104:441-50, Nov 72 (Eng. Abstr.) **(Fre)**

[Blood coagulation disorders in patients with chronic renal insufficiency] Follana R, et al. **J Urol Nephrol (Paris)** 78:1004-7, Dec 72 **(Fre)**

[Acquired blood coagulation disorders] Favre-Gilly J. **Lyon Med** 19:Suppl:133-42, Apr 72 **(Fre)**

[Fibrinolytic activity found in intracranial tumors] Koos W, et al. **Neurochirurgie** 17:549-57, Dec 71 (Eng. Abstr.) **(Fre)**

[Fibrinolysis. Its resurgence during surgery of portal hypertension] Guilmet C, et al. **Nouv Presse Med** 1:2023-4, 9 Sep 72 **(Fre)**

[Major hepatectomy in man. Metabolic consequences] Huguet C, et al. **Nouv Presse Med** 2:761-5, Mar 72 (Eng. Abstr.) **(Fre)**

[Coagulation disorders during continuous reinjections of ascitic fluid. Fibrinolysis or intravascular coagulation?] Levy VG, et al. **Nouv Presse Med** 2:446, 17 Feb 73 **(Fre)**

[Peroperative coagulopathy. Its prophylaxis, by lavage-aspiration and peroperative heparin therapy] Setbon L. **Nouv Presse Med** 2:442, 17 Feb 73 **(Fre)**

[Acquired dysfibrinogenemia and hepatic disorders. Apropos of 30 cases] Aiach M, et al. **Sem Hop Paris** 49:183-97, 14 Jan 73 (Eng. Abstr.) **(Fre)**

[Application of crossed circulation to the treatment of acute hepatic failure of viral origin] Muller JM, et al. **Sem Hop Paris** 48:2963-9, 8 Nov 72 (Eng. Abstr.) **(Fre)**

[Cryptogenic anti-8 inhibitor] Rochon M, et al. **Union Med Can** 100:2353-6, Dec 71 (Eng. Abstr.) **(Fre)**

[Studies on thrombocyte function in children with connatal heart failures] Weinmann G, et al. **Folia Haematol (Leipz)** 98:303-12, 1972 (Eng. Abstr.) **(Ger)**

[Amniotic fluid embolism] Schmid J, et al.

Geburtshilfe Frauenheilkd 33:130-2, Feb 73 (Eng. Abstr.) (Ger)

[Experiences with parenteral feeding and its utilization] Hartmann G.
Int J Vitam Nutr Res 12:109-23, 1972 (Ger)

[Hemorrhage disposition during hemodialysis caused by intermembrane exhaustion of thrombocytes and coagulation factors] Köstering H, et al.
Med Welt 23:1749-52, 18 Nov 72 (Ger)

[Incidence of myocardial infarction in existing liver diseases] Fornol FG, et al.
Munch Med Wochenschr 115:72-5, 19 Jan 73 (Eng. Abstr.) (Ger)

[Acute kidney failure in gestosis] Linari F, et al.
Munch Med Wochenschr 114:1197-206, 23 Jun 72 (Eng. Abstr.) (Ger)

[Changes in blood coagulation in pulmonary surgery] Rasche H, et al. **Pneumonologie** 147:211-5, 1972 (Ger)

[A new case of dysfibrinogenemia] Krause W, et al.
Verh Dtsch Ges Inn Med 78:1651-3, 1972 (Ger)

[Experimental decompression sickness in rabbits. Coagulation changes and therapeutic influencing] Schimpf K, et al.
Verh Dtsch Ges Inn Med 77:1027-9, 1971 (Ger)

[Acute and chronic cor pulmonale in metastazing carcinoma] Ladurner D.
Wien Klin Wochenschr 85:27-9, 12 Jan 73 (Eng. Abstr.) (Ger)

[Experiences and results with total hip-joint prosthesis] Ensthaler J, et al.
Wien Med Wochenschr 123:423-6, 30 Jun 73 (Ger)

[Blood coagulation disorders caused by abnormal blood coagulation factors] Fiedler H.
Z Aerztl Fortbild (Jena) 66:692-8, 1 Jul 72 (Ger)

[Fetal hypoxia and its effect on the coagulation system in the newborn infant] Haupt H.
Z Kinderheilkd 113:185-92, 1972 (Eng. Abstr.) (Ger)

[Diagnostics and therapy of hemolytic-hemorrhagic transfusion incidents] Brüster H.
Zentralbl Neurochir 33:63-8, 1972 (Eng. Abstr.) (Ger)

[Early blood coagulation disorders following open heart surgery] Gyenes V, et al.
Orv Hetil 114:264-7, 4 Feb 73 (Hun)

[Respiratory insufficiency due to chronic, obstructive bronchopneumopathy and fibrinolysis] Magri G, et al.
Minerva Med 64:206-14, 24 Jan 73 (Eng. Abstr.) (Ita)

[Hemostasis and hypoxic hypoxia] Strumza MV.
Minerva Med 63:391-7, 1972 (Ita)

[Fibrinolysis in chronic renal insufficiency treated wth periodic hemodialysis] Triolo R, et al.
Minerva Med 63:3704-12, 29 Sep 72 (Eng. Abstr.) (Ita)

[Blood coagulation in the course of some kidney diseases in children] Mancini AF, et al.
Minerva Pediatr 25:751-9, 12 May 73 (Eng. Abstr.) (Ita)

[The study of hemostasis in the diagnosis of liver diseases] De Nicola P.
Quad Sclavo Diagn 7:1269-75, Dec 71 (Eng. Abstr.) (Ita)

[Variations of the blood phenomenon in traumatized animals] Paolucci G.
Riv Med Aeronaut Spaz 35:73-83, Jan-Jun 72 (Eng. Abstr.) (Ita)

[Blood coagulation and fibrinolysis disorders connected with open heart surgery using extracorporeal circulation] Palester-Chlebowczyk M, et al.
Acta Haematol Pol 2:163-8, Apr-Jun 71 (Eng. Abstr.) (Pol)

[Case of factor XII deficiency with prolonged bleeding time] Sroczyński J, et al.
Acta Haematol Pol 2:239-42, Jul-Sep 71 (Eng. Abstr.) (Pol)

[Blood coagulation disorders and changes in protein pattern in influenza with complications] Malanowicz W, et al.
Pol Arch Med Wewn 50:441-7, May 73 (Eng. Abstr.) (Pol)

[Hemostatic system in patients with malignant neoplasms] Okulski J, et al.
Wiad Lek 26:281-5, 15 Feb 73 (Eng. Abstr.) (Pol)

[Classification and management of hemorrhagic syndromes after surgery with extracorporeal circulation] Gallucci C, et al.
Arq Bras Cardiol 25:287-93, Aug 72 (Eng. Abstr.) (Por)

[Antifibrinolytic agents and extracorporeal circulation] Gomes OM, et al.
Rev Hosp Clin Fac Med Sao Paulo 27:209-13, Sep-Oct 72 (Eng. Abstr.) (Por)

[Coagulation disorders in osteoarticular injuries] Denischi A, et al.
Chirurgia (Bucur) 20:879-88, Oct 71 (Eng. Abstr.) (Rum)

[Cerebral abscesses in congenital heart diseases] Arseni C, et al.
Neurol Psihiatr Neurochir 17:201-7, May-Jun 72 (Eng. Abstr.) (Rum)

[Studies of fibrinolytic activity and disseminated intravascular coagulation in chronic hepatitis and liver cirrhosis] Kleinstein I, et al.
Rev Med Chir Soc Med Nat Iasi 76:311-8, Apr-Jun 72 (Eng. Abstr.) (Rum)

[Study of the coagulolytic system in chronic cor pulmonale. I. The disseminated intravascular coagulation syndrome] Tacu V, et al.
Rev Med Chir Soc Med Nat Iasi 76:905-12, Oct-Dec 72 (Eng. Abstr.) (Rum)

[Changes in blood coagulation in chronic cor pulmonale] Păunescu-Podeanu A, et al.
Stud Cercet Med Interna 13:243-9, 1972 (Eng. Abstr.) (Rum)

[Disorders of hemostasis in polycythemia vera] Poppa C, et al.
Stud Cercet Med Interna 13:375-83, 1972 (Eng. Abstr.) (Rum)

[Coagulopathic syndrome in vibration disease] Demin AA, et al. **Gig Tr Prof Zabol** 16:53-5, Nov 72 (Rus)

[Myocardial infarct and age] Gurevich MA.
Kardiologiia 13:5-14, May 73 (37 ref.) (Eng. Abstr.) (Rus)

[Changes in the blood clotting system during surgery under neuroleptoanalgesia] Koliutskaia OD, et al.
Khirurgiia (Mosk) 48:60-3, Aug 72 (Eng. Abstr.) (Rus)

[Effect of furosemide on the blood coagulation] Averina RI, et al. **Sov Med** 35:115-8, Aug 72 (Rus)

[Blood coagulation changes in splenic diseases] Askherkhanov RP, et al.
Vestn Khir 108:65-71, Apr 72 (Eng. Abstr.) (Rus)

[Septic shock in a surgical clinic] Surovikin DM, et al.
Vestn Khir 110:126-9, Mar 73 (22 ref.) (Rus)

[Pulmonary artery thromboembolism and the state of the blood coagulation system in severe cranio-cerebral trauma] Kuklina AS, et al.
Vopr Neirokhir 36:25-8, May-Jun 72 (Eng. Abstr.) (Rus)

[Changes in the blood coagulation system in typhoid fever and paratyphoid B in children] Piotrovich AK.
Vopr Okhr Materin Det 17:84-5, Sep 72 (Rus)

[Arteriosclerosis as a main factor in blood coagulation disorders in patients with hypertensive disease] Dashtaiants GA, et al.
Vrach Delo 1:14-6, Jan 73 (Eng. Abstr.) (Rus)

[Changes in peripheral blood following laser therapy] Lazarev IR, et al.
Vrach Delo 9:43-5, Sep 72 (Eng. Abstr.) (Rus)

[Blood coagulation system in calculous pyelonephritis] Plotkin RIu.
Vrach Delo 8:55-7, Aug 72 (Eng. Abstr.) (Rus)

[Complications in blood transfusion] Höglund S.
Lakartidningen 69:Suppl 4:65-72, 27 Dec 72 (Eng. Abstr.) (Swe)

[Hypocoagulability of the blood due to electric injuries in experimental animals] Bošković S, et al.
Acta Med Iugosl 27:195-209, 1973 (Eng. Abstr.) (Cro)

FAMILIAL & GENETIC

Hageman factor. Finley PR.
Ann Clin Lab Sci 2:37-9, Jan-Feb 72

Fibrinogen and the fibrinogenopathies. Morse EE.
Ann Clin Lab Sci 1:155-61, Sep-Oct 71 (30 ref.)

Coagulation factor variants. Bloom AL.
Br J Haematol 23:843-7, Dec 72 (34 ref.)

Fibrinogen and FDP-models of molecular pathology? Gaffney PJ. **Br J Haematol** 25:271-2, Aug 73

Combined deficiency of factor V and factor VIII: report of a family and genetic analysis. Sibinga CT, et al.
Br J Haematol 23:467-81, Oct 72

Platelet factor 3 availability in bleeder swine. Cornell CN, et al.
Comp Biochem Physiol [A] 42:817-22, 1 Aug 72

Human genetics in Poland. Horst A.
Hum Biol 45:5-21, Feb 73 (151 ref.)

Coagulation problems. Czapek EE.
Int Anesthesiol Clin 11:175-201, Summer 73 (66 ref.)

Antithrombin-3 deficiency in a Dutch family. Meer J van der, et al. **J Clin Pathol** 26:532-8, Jul 73

Trimethylaminuria and inherited Noonan's syndrome. Calvert GD. **Lancet** 1:320-1, 10 Feb 73

Diagnosis and treatment of inherited bleeding

disorders. Strauss HS.
Pediatr Clin North Am 19:1009-28, Nov 72 (79 ref.)
The molecular basis of hereditary clotting disorders. Ratnoff OD.
Prog Hemostasis Thromb 1:39-74, 1972 (184 ref.)
The genetics of hereditary disorders of blood coagulation. Ratnoff OD, et al.
Science 179:1291-8, 30 Mar 73 (53 ref.)
Developments in transient hemorrhagic disorders. Rowe AJ, et al. **Tex Med** 69:72-8, Feb 73 (78 ref.)
Inherited blood clotting disorders. Report of a WHO scientific group. **WHO Tech Rep Ser** 504:1-48, 1972
[Factor XII deficiency in two brothers] Müller G, et al.
Dtsch Med Wochenschr 98:267-9, 9 Feb 73 (Eng. Abstr.) (Ger)
[Efficiency and limits of immunologic methods in the diagnosis of blood coagulation] Schwick HG, et al.
Internist (Berlin) 14:160-9, Apr 73 (Ger)
[Various genetic problems of pre-eminent pediatric interest] Sandrucci M, et al.
Minerva Med 63:4627-40, 28 Nov 72 (Ita)
[Hemorrhagic diathesis associated with partial factor XII deficiency] Zywicka-Lopaciuk H, et al.
Acta Haematol Pol 3:257-63, Jul-Sep 72 (Eng. Abstr.) (Pol)

IMMUNOLOGY

Fibrinogen and the fibrinogenopathies. Morse EE.
Ann Clin Lab Sci 1:155-61, Sep-Oct 71 (30 ref.)
Coagulation and renal disease. Kincaid-Smith P.
Kidney Int 2:183-90, Oct 72 (99 ref.)
Diagnosis of hemorrhagic disorders. Nemerson Y.
Med Clin North Am 57:531-41, Mar 73 (30 ref.)

METABOLISM

Fibrinogen and the fibrinogenopathies. Morse EE.
Ann Clin Lab Sci 1:155-61, Sep-Oct 71 (30 ref.)
An IgM circulating anticoagulant with factor VIII inhibitory activity. McKelvey EM, et al.
Ann Intern Med 77:571-5, Oct 72
F.D.P. **Lancet** 2:957-8, 4 Nov 72
[Prostaglandins and cardiovascular diseases] Förster W.
Dtsch Gesundheitsw 27:2264-71, 30 Nov 72 (80 ref.) (Eng. Abstr.) (Ger)
[Blood coagulation changes in splenic diseases] Askherkhanov RP, et al.
Vestn Khir 108:65-71, Apr 72 (Eng. Abstr.) (Rus)

OCCURRENCE

Thromboelastographic studies in oral contraception. Siró B, et al. **Am J Obstet Gynecol** 116:1167-8, 15 Aug 73
Coagulopathy after major combat injury: occurrence, management, and pathophysiology. McNamara JJ, et al. **Ann Surg** 176:243-6, Aug 72
Venous infarction of the myocardium in a newborn child: an unusual effect of disseminated intravascular coagulation. McCormack M.
J Clin Pathol 26:364-6, May 73
[Blood clotting and fibrinolytic activity in aged] Kaniak J, et al.
Pol Tyg Lek 28:771-3, 20 May 73 (Eng. Abstr.) (Pol)

PATHOLOGY

Venous infarction of the myocardium in a newborn child: an unusual effect of disseminated intravascular coagulation. McCormack M.
J Clin Pathol 26:364-6, May 73
The induction of thrombosis in guinea pigs by a brain tumor. Odom MH, et al. **Lab Invest** 27:550-4, Dec 72
The molecular basis of hereditary clotting disorders. Ratnoff OD.
Prog Hemostasis Thromb 1:39-74, 1972 (184 ref.)
Factor VIII inhibitor: acquired haemostatic defect in a nonhaemophiliac patient with rheumatoid arthritis. Payne RW, et al. **Scott Med J** 17:310-3, Sep 72

PHYSIOPATHOLOGY

Coagulation changes in healthy and sick pacific salmon. Hougie C. **Adv Exp Med Biol** 22:89-102, 1972
Coagulopathy after major combat injury: occurrence, management, and pathophysiology. McNamara JJ, et al. **Ann Surg** 176:243-6, Aug 72
Platelets and initiation of intrinsic clotting. Schiffman S, et al. **Br J Haematol** 24:633-42, May 73
Thrombin inhibiting action of heparin. Abildgaard U.
Folia Haematol (Leipz) 98:408-16, 1972 (31 ref.)
Experimental hepatic necrosis: studies on coagulation abnormalities, plasma clearance, and organ distribution of 125I-labelled fibrinogen. Rake MO, et al. **Gut** 14:574-80, Jul 73
Is primary fibrinolysis a real entity? Gans H.
Surg Gynecol Obstet 136:975-6, Jun 73
[Effect of CO 2 pressure and pH of arterial blood on hypoxic changes of plasmatic coagulability] Strumza MV, et al. **C R Soc Biol (Paris)** 166:787-90, 1972 (Fre)
[Mechanism inducing blood hypercoagulability in severe hypoxia] Strumza MV, et al.
C R Soc Biol (Paris) 165:1861-3, 1971 (Fre)
[Magnesium--an anticoagulant physiological electrolyte] Erödi A.
Med Klin 68:216-9, 16 Feb 73 (32 ref.) (Ger)
[Molecular aspects of coagulation processes] Deutsch E. **Verh Dtsch Ges Inn Med** 78:345-60, 1972 (Ger)
[Hemostasis and hypoxic hypoxia] Strumza MV.
Minerva Med 63:391-7, 1972 (Ita)
[Blood hypercoagulability (attempted classification of pre-thrombotic states)] Tymiński W.
Wiad Lek 26:423-6, 1 Mar 73 (11 ref.) (Pol)
[The functional state of the sympathetic-adrenal system in different phases of the thrombohemorrhagic syndrome] Giants RM, et al.
Biull Eksp Biol Med 73:14-6, Nov 72 (Eng. Abstr.) (Rus)

PREVENTION & CONTROL

Clinical applications. Schweizer O, et al.
Clin Anesth 9:143-57, 1972
Some observations on the aetiology and management of coagulation failure complicating abruptio placentae. Basu HK. **J Indian Med Assoc** 58:409-16, 1 Jun 72
Ancrod, heparin, and -aminocaproic acid in simian Knowlesi malaria. Reid HA, et al.
Lancet 2:1110-2, 25 Nov 72
[Peroperative coagulopathy. Its prophylaxis, by lavage-aspiration and peroperative heparin therapy] Setbon L. **Nouv Presse Med** 2:442, 17 Feb 73 (Fre)
[Thrombotest in the 1st days of life] Waltl H, et al.
Paediatr Paedol 7:336-43, 1972 (Eng. Abstr.) (Ger)
[Hypercoagulability in patients treated with hemodialysis (diagnosis and therapy)] Andrassy K, et al. **Verh Dtsch Ges Inn Med** 77:684-9, 1971 (Ger)
[Blood coagulation and fibrinolysis disorders connected with open heart surgery using extracorporeal circulation] Palester-Chlebowczyk M, et al.
Acta Haematol Pol 2:163-8, Apr-Jun 71 (Eng. Abstr.) (Pol)
[Antifibrinolytic agents and extracorporeal circulation] Gomes OM, et al.
Rev Hosp Clin Fac Med Sao Paulo 27:209-13, Sep-Oct 72 (Eng. Abstr.) (Por)
[Coagulation disorders in osteoarticular injuries] Denischi A, et al.
Chirurgia (Bucur) 20:879-88, Oct 71 (Eng. Abstr.) (Rum)
[The fibrinolytic system and thoracic and abdominal surgery] Smolianitskiĭ AIa, et al.
Klin Med (Mosk) 50:125-9, Aug 72 (Eng. Abstr.) (Rus)

RADIOGRAPHY

Renal angiography in patients with hematuria. Jonsson K.
Am J Roentgenol Radium Ther Nucl Med 116:758-65, Dec 72
[Use of the soft ray technic in x-ray diagnosis of peripheral arterial blood circulation disorders] Wesseling B, et al.
Roentgenpraxis 25:125-9, Jun 72 (Ger)

SURGERY

Abnormal bleeding after prostatectomy: illustrative cases and review of management. O'Sullivan EF, et al.
Med J Aust 2:1165-9, 18 Nov 72

THERAPY

Heparin therapy in a patient bitten by a saw-scaled viper (Echis carinatus), a snake whose venom activates prothrombin. Weiss HJ, et al.
Am J Med 54:653-62, May 73
Coagulopathy after major combat injury: occurrence,

management, and pathophysiology. McNamara JJ, et al. **Ann Surg** 176:243-6, Aug 72

An acquired inhibitor to factor XIII. McDevitt NB, et al. **Arch Intern Med** 130:772-7, Nov 72

Blood component therapy for abnormalities of hemostasis in liver disease. Glassman AB. **Conn Med** 36:572-5, Oct 72

Diagnosis and treatment of common bleeding disorders. Caprini JA, et al. **Ill Med J** 142:564-8 passim, Dec 72

The treatment of coagulation factor deficiencies. Temperley IJ. **J Ir Med Assoc** 66:42-5, 27 Jan 73

Principles of hematologic supportive care. Graw RG Jr, et al. **Med Clin North Am** 57:441-61, Mar 73 (128 ref.)

Clinical uses of human blood fractions. Schiff P. **Med J Aust** 1:22-6, 6 Jan 73

Diagnosis and treatment of inherited bleeding disorders. Strauss HS. **Pediatr Clin North Am** 19:1009-28, Nov 72 (79 ref.)

The treatment of patients having spontaneously occurring antibodies to antihaemophilic factor (factor VIII). Rizza CR, et al. **Thromb Diath Haemorrh** 28:120-8, 31 Aug 72

[Postpartum hemorrhage caused by acute defibrination treated by exchange transfusion and heparin therapy] Morin P, et al. **Bull Fed Soc Gynecol Obstet Lang Fr** 23:557-8, Nov-Dec 71 **(Fre)**

[Treatment of congenital and acquired coagulation disorders] Favre-Gilly J. **Lyon Med** 19:Suppl:157-66, Apr 72 **(Fre)**

[Parenteral therapy; blood and blood derivatives] Lasch HG. **Langenbecks Arch Chir** 332:239-44, 1972 (Eng. Abstr.) **(Ger)**

[Directed hemotherapy of hemorrhage in internal medicine] Glassner K, et al. **Med Welt** 23:1393, 30 Sep 72 **(Ger)**

[Contraindication for carrying pregnancy to full term from the hematologic viewpoint] Stieglitz R, et al. **Z Aerztl Fortbild (Jena)** 67:274-6, 15 Mar 73 **(Ger)**

[Inhibition of the thromboplastic effect of placental extracts using trasylol] Slunsky R. **Z Geburtshilfe Perinatol** 176:201-6, Jun 72 (Eng. Abstr.) **(Ger)**

[Nose bleeding as an emergency] Feldman H. **Z Laryngol Rhinol Otol** 52:314-20, May 73 **(Ger)**

[Coagulation disorders in surgery. (Emergency diagnosis--Emergency therapy)] Preusser KP, et al. **Zentralbl Chir** 97:1521-34, 28 Oct 72 **(Ger)**

[Diagnostics and therapy of hemolytic-hemorrhagic transfusion incidents] Brüster H. **Zentralbl Neurochir** 33:63-8, 1972 (Eng. Abstr.) **(Ger)**

[Classification and management of hemorrhagic syndromes after surgery with extracorporeal circulation] Gallucci C, et al. **Arq Bras Cardiol** 25:287-93, Aug 72 (Eng. Abstr.) **(Por)**

[Possibilities for magnetotherapy in pediatric practice] Degen IL. **Pediatr Akush Ginekol** 1:28-9, Jan-Feb 72 **(Ukr)**

VETERINARY

Platelet factor 3 availability in bleeder swine. Cornell CN, et al. **Comp Biochem Physiol [A]** 42:817-22, 1 Aug 72

Equine hepatic insufficiency. Tennant B, et al. **Vet Clin N Amer** 3:279-89, May 73 (13 ref.)

Angiostrongylus vasorum (Baillet, 1866) infestation in a greyhound kennels. Dodd K. **Vet Rec** 92:195-7, 24 Feb 73

BLOOD COAGULATION FACTORS

The metabolism and effects of contraceptive steroids in primates. Goldzieher JW, et al. **Acta Endocrinol [Suppl] (Kbh)** 166:389-421, 1972 (115 ref.)

Platelet factor 3 in Glanzmann's thrombasthenia. Saraya AK, et al. **Acta Haematol (Basel)** 48:116-24, 1972

Platelet factor 3--properties and clinical significance. De Gaetano G, et al. **Adv Exp Med Biol** 34:159-72, 1972

Platelet factor-4--properties and clinical significance. Donati MB, et al. **Adv Exp Med Biol** 34:173-89, 1972

Platelet function tests and thrombosis. O'Brien JR. **Adv Exp Med Biol** 34:43-54, 1972 (10 ref.)

The role of platelets in arterial and venous thrombosis. Thomas DP. **Adv Exp Med Biol** 34:23-42, 1972 (74 ref.)

Platelet washing by albumin density gradient separation (ADGS). Walsh PN. **Adv Exp Med Biol** 34:245-56, 1972

Vitamin K and the older infant. Lukens JN. **Am J Dis Child** 124:639-40, Nov 72

Correction of the platelet abnormality in von Willebrand's disease by cryoprecipitate. Weiss HJ, et al. **Am J Med** 53:734-8, Dec 72

The Budd-Chiari syndrome after pregnancy. Report of two cases and a review of the literature. Rosenthal T, et al. **Am J Obstet Gynecol** 113:789-92, 15 Jul 72

Relationship of endometrial plasminogen activator to fibrin proteolysis in the uterine cavity of rhesus monkeys. Shaw ST Jr, et al. **Am J Obstet Gynecol** 115:983-5, 1 Apr 73

Disseminated intravascular coagulation induced with leukocyte procoagulant. Kociba GJ, et al. **Am J Pathol** 69:407-20, Dec 72

Effects of intraportal infusion of autologous hemolysate on blood coagulation factors and fibrinolysis in the cat. Bengmark S, et al. **Am J Surg** 124:647-54, Nov 72

Clinical considerations for the anesthesiologist whose patient is on anticoagulant therapy. Ellison N, et al. **Anesthesiology** 39:328-36, Sep 73 (57 ref.)

Problems in evaluating the components of the kinin system. Hamberg U. **Ann Chir Gynaecol Fenn** 61:238-50, 1972 (46 ref.)

Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA. **Ann Clin Lab Sci** 1:139-54, Sep-Oct 71 (46 ref.)

Our ancient heritage in blood clotting and some of its consequences. Laki K. **Ann NY Acad Sci** 202:297-307, 8 Dec 72

Fibrinolytic activity in rat gastrointestinal mucosa. Myhre-Jensen O, et al. **Arch Pathol** 95:195-8, Mar 73

Specific coagulation factor adsorption to insoluble heparin. Gentry PW, et al. **Biochem Biophys Res Commun** 50:500-9, 23 Jan 73

Characterization of a chondroitin 4 -sulfate proteoglycan carrier for heparin neutralizing activity (platelet factor 4) released from human blood platelets. Barber AJ, et al. **Biochim Biophys Acta** 286:312-29, 29 Dec 72

Direct assessment of platelet adhesion to glass: a study of the forces of interaction and the effects of plasma and serum factors, platelet function, and modification of the glass surface. George JN. **Blood** 40:862-74, Dec 72

Defibrination syndrome or? Merskey C. **Blood** 41:599-603, Apr 73

Coagulation factor variants. Bloom AL. **Br J Haematol** 23:643-7, Dec 72 (34 ref.)

Current transfusion therapy. Hinkes E, et al. **Calif Med** 118:38-55, May 73 (173 ref.)

Blood component therapy for abnormalities of hemostasis in liver disease. Glassman AB. **Conn Med** 36:572-5, Oct 72

Increased levels of plasma insulin and eleven hydroxycorticosteroid induced by sucrose, and their reduction by phenformin. Yudkin J, et al. **Horm Metab Res** 4:417-20, Nov 72

The behaviour of complement and platelets in lethal endotoxin shock in rabbits. Brown DL, et al. **Int Arch Allergy Appl Immunol** 45:193-205, 1973

Platelet lipids and coagulation in plasma. II. Thromboplastic activity. Boggust WA. **Ir J Med Sci** 141:168-80, Oct-Dec 72

Immunologically mediated thrombocytopenia in the dog. Wilkins RJ, et al. **J Am Vet Med Assoc** 163:277-82, 1 Aug 73

Decompression sickness. Observations on haematological and biochemical parameters. Martin KJ. **J Clin Pathol** 25:1004-5, Nov 72

A study of antiheparin activity of serum and platelet factor 4. Sear CH, et al. **J Clin Pathol** 25:1007, Nov 72

The fibrinolytic pathway of human plasma. Isolation and characterization of the plasminogen proactivator. Kaplan AP, et al. **J Exp Med** 136:1378-93, 1 Dec 72

Scientific advances in transfusion. O'Riordan JP. **J Ir Med Assoc** 66:27-36, 27 Jan 73 (29 ref.)

The treatment of coagulation factor deficiencies. Temperley IJ. **J Ir Med Assoc** 66:42-5, 27 Jan 73

Oral tissue changes in the chronic alcoholic. Larato DC. **J Periodontol** 43:772-3, Dec 72

Intracranial haemorrhage in low-birth-weight infants and prophylactic administration of coagulation-factor concentrate. Waltl H, et al. **Lancet** 1:1284-6, 9 Jun 73

Bleeding disorders due to abnormal platelet function. Weiss HJ. **Med Clin North Am** 37:517-30, Mar 73 (58 ref.)

Coagulation defects caused by diphenylhydantoin. Solomon GE, et al.
Neurology (Minneap) 22:1165-71, Nov 72
Interaction of alpha and beta receptor blocking agents with platelet release and availability reaction induced by ADP, adrenaline and collagen. Kubisz P, et al.
Pathol Biol (Paris) Suppl:34-40, Dec 72
Diagnosis and treatment of inherited bleeding disorders. Strauss HS.
Pediatr Clin North Am 19:1009-28, Nov 72 (79 ref.)
Coagulation abnormalities in liver disease. Losowsky MS, et al. **Postgrad Med 53:147-52, Jan 73**
The tissue factor pathway of blood coagulation. Nemerson Y, et al.
Prog Hemostasis Thromb 1:1-37, 1972 (171 ref.)
Uremic bleeding. Rabiner SF.
Prog Hemostasis Thromb 1:233-50, 1972 (39 ref.)
Studies on kinin-forming activity in post-radiation sickness. I. Blood and tissues enzymatic activity. Kocmierska-Grodzka D.
Radiobiol Radiother (Berl) 13:443-52, 1972
Heparin therapy in the case of acute liver cirrhosis. Fischer M, et al.
Scand J Gastroenterol [Suppl] 19:135-8, 1973
Theory and experience behind the use of coagulation tests in diagnosis and prognosis of liver disease. Koller F. **Scand J Gastroenterol [Suppl] 19:51-61, 1973**
Coagulation factors as indicators of protein synthesis in chronic liver disease. Ritland S, et al.
Scand J Gastroenterol [Suppl] 19:113-7, 1973
Hemostatic problems in liver surgery. Rö JS.
Scand J Gastroenterol [Suppl] 19:71-81, 1973 (67 ref.)
Biochemical tests in evaluation of liver function. Skrede S, et al.
Scand J Gastroenterol [Suppl] 19:37-46, 1973
Study of the clotting, esterase and platelet aggregating activities of thrombin, acetylated thrombin and reptilase. Tangen O, et al.
Scand J Haematol 9:333-8, 1972
The genetics of hereditary disorders of blood coagulation. Ratnoff OD, et al.
Science 179:1291-8, 30 Mar 73 (53 ref.)
Hemostatic abnormalities associated with dysproteinemias. Lackner H.
Semin Hematol 10:125-33, Apr 73 (72 ref.)
Simultaneous liver hemoperfusion and hemodialysis for treatment of hepatic coma and hepatorenal failure. Abouna GM. **Surgery 73:541-9, Apr 73**
Intravenous cyproheptadine hydrochloride in the treatment of pulmonary embolism: an experimental study. Nemir P Jr, et al. **Surgery 72:920-32, Dec 72**
Differing procoagulant activities in the extracted lipids of high and low density pitelet plasma membranes. Barber AJ, et al.
Thromb Diath Haemorrh 28:206-12, 31 Oct 72
In vitro analysis of platelet function during storage of platelets from plasmapheresed donors. Moore GL, et al. **Transfusion 13:130-4, May-Jun 73**
Post-Konyne hepatitis: the ineffectiveness of screening for the hepatitis B antigen (HBAg). Sandler SG, et al. **Transfusion 13:221-4, Jul-Aug 73**
A survey of the production of plasma derivatives for clinical use. Schwick HG.
Vox Sang 23:82-91, Jul-Aug 72
Stability of coagulation factors I and X during collection and subsequent storage of bank blood in ACD-A and CPD solutions. Weisert O, et al.
Vox Sang 24:377-9, Apr 73
Inherited blood clotting disorders. Report of a WHO scientific group. **WHO Tech Rep Ser 504:1-48, 1972**
[Blood coagulation in myocardial infarct and changes in coagulation factors during anticoagulant treatment] Maimunkov K, et al.
Vutr Boles 10:44-51, 1971 (Eng. Abstr.) (Bul)
[Recent advances in hemocoagulation] Pstružinová H.
Cas Lek Cesk 112:705-9, 1973 (Eng. Abstr.) (Cze)
[Influence of soluble complexes on some functions of the platelets] Kubisz P.
Vnitr Lek 18:833-7, Sep 72 (Eng. Abstr.) (Cze)
[Problem of immunohemophilia] Pola V.
Vnitr Lek 18:887-92, Sep 72 (Eng. Abstr.) (Cze)
[Medical applications and therapeutic prospects deduced from knowledge in molecular pathology] Royer P.
Biochimie 54:789-99, 1972 (Eng. Abstr.) (Fre)
[New plasma derivatives] Soulier JP.
Rev Prat 22:1465-6 passim, 21 Mar 72 (Fre)
[Application of crossed circulation to the treatment of acute hepatic failure of viral origin] Muller JM, et al.
Sem Hop Paris 48:2963-9, 8 Nov 72 (Eng. Abstr.) (Fre)
[The use of acetylsalicylic acid in anticoagulation therapy] Barth P, et al.
Dtsch Med Wochenschr 97:1854-9, 1 Dec 72 (Eng. Abstr.) (Ger)
[Hemolytic-uremic syndrome in adults] Lohrmann HP, et al.
Dtsch Med Wochenschr 98:54-61, 12 Jan 73 (Eng. Abstr.) (Ger)
[Parenteral therapy; blood and blood derivatives] Lasch HG.
Langenbecks Arch Chir 332:239-44, 1972 (Eng. Abstr.) (Ger)
[Coagulation studies in hemorrhagic diatheses] Deutsch E. **Med Lab (Stuttg) 26:43-7, Feb 73 (Ger)**
[Hemorrhage disposition during hemodialysis caused by intermembrane exhaustion of thrombocytes and coagulation factors] Köstering H, et al.
Med Welt 23:1749-52, 18 Nov 72 (Ger)
[Molecular aspects of coagulation processes] Deutsch E. **Verh Dtsch Ges Inn Med 78:345-60, 1972 (Ger)**
[Value of coagulation studies in the course of acute hepatitis] Hentschel E, et al.
Wien Med Wochenschr 122:500-4, 2 Sep 72 (Ger)
[UV irradiation of blood in oxygen atmosphere (Wehril's H.O.T.) with special reference to blood oxygenation and UV irradiation methods (review of literature). II. UV irradiation of blood] Bielenstein E.
Z Aerztl Fortbild (Jena) 66:663-7, 1 Jul 72 (Ger)
[Blood coagulation disorders caused by abnormal blood coagulation factors] Fiedler H.
Z Aerztl Fortbild (Jena) 66:692-8, 1 Jul 72 (Ger)
[Natural inhibitors of coagulation in surgery as compared to blood donors] Frick G, et al.
Zentralbl Chir 97:1535-40, 28 Oct 72 (Ger)
[Disseminated intravascular coagulation] Amir J.
Harefuah 83:29-32, 2 Jul 72 (20 ref.) (Heb)
[Fibrinolysis in chronic renal insufficiency treated wth periodic hemodialysis] Triolo R, et al.
Minerva Med 63:3704-12, 29 Sep 72 (Eng. Abstr.) (Ita)
[Neonatal hemorrhagic manifestations of hemophilia] Digilio G, et al.
Minerva Pediatr 24:1131-3, 14 Aug 72 (Ita)
[Thrombocytopenic and thrombocytopathic syndrome in childhood. II. Signs of platelet physiopathology] Santangelo G, et al.
Minerva Pediatr 24:1208-89, 1 Sep 72 (Ita)
[Evolution of etiopathogenetic knowledge of hemophilia syndromes] Morrone G.
Pediatria (Napoli) 80:170-85, 1972 (80 ref.) (Ita)
[Prothrombin complex: new data of biochemical and clinical interest] Girolami A.
Quad Sclavo Diagn 7:449-61, Mar 71 (Ita)
[Proactivator-activator system in human plasma fibrinolysis: studies on the synthetic fibrinolytic system composed of functionally pure fibrinogen, plasminogen and proactivator, separated from human plasma] Okamoto U.
J Physiol Soc Jap 34:147-55, Mar 72 (Eng. Abstr.) (Jap)
[On the coagulation factors from V through XIII] Yoshida K, et al.
Jap J Clin Med 31:755-64, Apr 73 (66 ref.) (Jap)
[The histochemical study of the fibrinolytic activity: the localization of tissue plasminogen activator of the normal bladder wall among different animal species] Sugiura H, et al.
Jap J Urol 63:387-96, Jun 72 (Eng. Abstr.) (Jap)
[Reaction kinetics of blood clotting factors] Uszyński L. **Acta Haematol Pol 3:207-12, Apr-Jun 72 (Pol)**
[Blood coagulation and fibrinolysis processes in menstrual blood] Zuch A, et al.
Acta Haematol Pol 2:359-65, Oct-Dec 71 (43 ref.) (Pol)
[Analysis of hemorrhagic diathesis] Częstochowska E, et al.
Wiad Lek 26:1407-12, 1 Aug 73 (Eng. Abstr.) (Pol)
[The heart as an efferent regulator of the blood clotting process and fibrinolysis] Kuznik BI, et al.
Kardiologiia 13:10-7, Mar 73 (Eng. Abstr.) (Rus)
[The role of hemocoagulating and fibrinolytic components of saliva in the oral mucosa immunity] Belikov PP.
Stomatologiia (Mosk) 52:88-90, May-Jun 73 (Rus)
[Role of the vascular wall in the process of hemostasis] Kuznik BI.
Usp Sovrem Biol 75:61-85, Jan-Feb 73 (258 ref.) (Rus)
[Relation of the effect of the cofactor on the activity of antiviral antibodies to the blood groups of human serum] Shashkov LA.
Vopr Virusol 17:577-81, Sep-Oct 72 (Eng. Abstr.) (Rus)
[Effect of some ingredients in preserving solutions and the degree of blood dilution on its coagulating

properties] Grigorian SS.
Zh Eksp Klin Med 12:101-2, 1972 (Rus)
[The treatment of inherited coagulation disorders] Blombäck M, et al.
Lakartidningen 69:Suppl 4:76-84, 27 Dec 72 (Eng. Abstr.) (Swe)
[Complications in blood transfusion] Höglund S.
Lakartidningen 69:Suppl 4:65-72, 27 Dec 72 (Eng. Abstr.) (Swe)

ADMINISTRATION & DOSAGE

Disseminated intravascular coagulation induced with leukocyte procoagulant. Kociba GJ, et al.
Am J Pathol 69:407-20, Dec 72
Uses of blood and of blood components.
Med Lett Drugs Ther 14:89-92, 24 Nov 72

ADVERSE EFFECTS

Uses of blood and of blood components.
Med Lett Drugs Ther 14:89-92, 24 Nov 72

ANALYSIS

Fibrinolytic activity of veins during treatment with medroxyprogesterone acetate. Astedt B.
Acta Obstet Gynecol Scand 51:283-6, 1972
Platelet factor 3--methods of study. De Gaetano G, et al.
Adv Exp Med Biol 34:281-94, 1972
Platelet factor-4--methods of study. Donati MB, et al.
Adv Exp Med Biol 34:295-308, 1972
Simultaneous use of multiple fibrometers for coagulation factor and heparin assays. Abildgaard CF, et al. **Am J Clin Pathol** 58:272-4, Sep 72
A precision study of coagulation factor assay technics. Palkuti HA, et al. **Am J Clin Pathol** 59:231-5, Feb 73
Abnormal fibrinolysis in familial pulmonary hypertension. Inglesby TV, et al.
Am J Med 55:5-14, Jul 73
Amyloidosis with factor X deficiency. Bernhardt B, et al. **Am J Med Sci** 264:411-4, Nov 72
Massive hemorrhage associated with circulating antibodies to factor V. Onuora CA, et al.
Am J Med Sci 265:407-17, May 73
Fatal disseminated intravascular coagulation and hemolytic anemia following stibophen therapy: a study of basic mechanisms. Weiss HJ, et al.
Am J Med Sci 264:375-84, Nov 72
Plasma volume, electrolyte, and coagulation factor changes following intra-amniotic hypertonic saline infusion. Easterling WE Jr, et al.
Am J Obstet Gynecol 113:1065-71, 15 Aug 72
Progestational agents and blood coagulation. IV. Changes induced by progestogen alone. Mink IB, et al.
Am J Obstet Gynecol 113:739-43, 15 Jul 72
Procoagulant properties of amniotic fluid. Phillips LL, et al. **Am J Obstet Gynecol** 113:911-9, 1 Aug 72
Thromboelastographic studies in oral contraception. Sirő B, et al. **Am J Obstet Gynecol** 116:1167-8, 15 Aug 73
Circulating anticoagulants against factors IX and XI in systemic lupus erythematosus. Castro O, et al.
Ann Intern Med 77:543-8, Oct 72
Bleeding times and platelet aggregation after analgesics in hemophilia. Kasper CK, et al.
Ann Intern Med 77:189-93, Aug 72
A qualitative platelet defect in severe vitamin B 12 deficiency. Response, hyperresponse, and thrombosis after vitamin B 12 therapy. Levine PH.
Ann Intern Med 78:533-9, Apr 73
The use of isoelectric focusing to study components of the human plasma kinin-forming system. Spragg J, et al. **Ann NY Acad Sci** 209:372-86, 15 Jun 73
Fibrinolytic activity in lesions of hereditary hemorrhagic telangiectasia. Kwaan HC, et al.
Arch Dermatol 107:571-3, Apr 73
Cerebral arterial occlusive disease with telangiectasia associated with oral contraceptives. Okawara SH, et al. **Arch Neurol** 29:60-2, Jul 73
Blood coagulation and fibrinolysis in man after myocardial infarction compared with a representative population sample. Korsan-Bengtsen K, et al.
Atherosclerosis 16:83-8, Jul-Aug 72
Qualitative platelet defects with reduced life-span in acute leukaemia. Van der Weyden MB, et al.
Aust NZ J Med 2:339-45, Nov 72
Specific coagulation factor adsorption to insoluble heparin. Gentry PW, et al.
Biochem Biophys Res Commun 50:500-9, 23 Jan 73
Influence of nutritional factors on plasma concentration of factor II and factors VII-X and on the rate of synthesis of serum albumin in newborn rabbits. Masera G, et al. **Biol Neonate** 20:436-47, 1972
Platelet dysfunction in glycogen storage disease type I. Czapek EE, et al. **Blood** 41:235-47, Feb 73
Metabolism of human prothrombin and fibrinogen in patients with thrombocytosis secondary to myeloproliferative states. Martinez J, et al.
Blood 42:35-46, Jul 73
Thrombogenic activity of leukocytes. Niemetz J, et al.
Blood 42:47-59, Jul 73
Properties of the platelet retention (von Willebrand) factor and its similarity to the antihemophilic factor (AHF). Weiss HJ, et al. **Blood** 41:809-15, Jun 73
Evidence for a humoral agent capable of raising vitamin-K-dependent coagulation factors in rabbits. Karpatkin M, et al. **Br J Haematol** 24:553-62, May 73
Studies on blood coagulation, fibrinolysis and platelet function following exercise in normal and splenectomized people. Prentice CR, et al.
Br J Haematol 23:541-52, Nov 72
An acute effect of cigarette smoking on platelet function. A possible link between smoking and arterial thrombosis. Levine PH.
Circulation 48:619-23, Sep 73
The hemorrhagic phenomena associated with green pit viper (Trimeresurus erythrurus and Trimeresurus popeorum) bites in children. A report of studies to elucidate their pathogenesis. Mitrakul C, et al.
Clin Pediatr (Phila) 12:215-8, Apr 73
Myeloproliferative disorders and platelet functions. Kubisz P. **Folia Haematol (Leipz)** 99:202-11, 1973
A case of familial thrombocytopenia-thrombocytopathia associated with haemolytic anaemia of unknown heredity pattern. An interdisciplinary approach. Lawkowicz W, et al. **Folia Haematol (Leipz)** 99:191-201, 1973
Kasabach-Merritt syndrome in an adult. Boros G, et al.
Haematologia (Budap) 7:83-96, 1973
Acute hepatic necrosis of hepatitis and mushroom poisoning. The value of coagulation tests in their differentiation, prognostic assessment and pathogenesis. Herold R, et al.
Helv Med Acta 37:5-24, 1973
Purpura fulminans following varicella. Report of a case with recovery after heparin therapy. De Koning J, et al. **Helv Paediatr Acta** 27:177-85, Jun 72
Gangrene of lower extremities in a newborn infant associated with intravascular coagulation (recession of gangrene after heparin therapy). Manios SG, et al.
Helv Paediatr Acta 27:187-92, Jun 72
Disseminated intravascular coagulation complicating chickenpox. Naveh Y, et al.
Helv Paediatr Acta 27:193-6, Jun 72
Diagnosis and treatment of common bleeding disorders. Caprini JA, et al.
Ill Med J 142:564-8 passim, Dec 72
Pediatric perplexities case no. 1. Hemorrhagic diathesis in a ten-week old female. Seeler RA.
Ill Med J 143:61-2, Jan 73
Platelet lipids and coagulation in plasma. II. Thromboplastic activity. Boggust WA.
Ir J Med Sci 141:168-80, Oct-Dec 72
Platelet lipids and coagulation in plasma. I. Isolation and analysis. Boggust WA.
Ir J Med Sci 141:128-35, Jul-Sep 72
Tissue factor activity in lymphocyte cultures from normal individuals and patients with hemophilia A. Rickles FR, et al. **J Clin Invest** 52:1427-34, Jun 73
Studies of contact activation of blood in haemodialysis. Wardle EN, et al. **J Clin Pathol** 25:1045-9, Dec 72
Studies on lipid peroxides in platelets. 3. Effect on physiologic platelet functions. Tateishi I, et al.
J Lab Clin Med 81:587-602, Apr 73
Absolute configurations of the four warfarin alcohols. Chan KK, et al. **J Med Chem** 15:1265-70, Dec 72
Comsumptive coagulopathy with renal vein thrombosis. Renfield ML, et al.
J Pediatr 82:1054-6, Jun 73
Heparin therapy in the hemolytic-uremic syndrome. Vitacco M, et al. **J Pediatr** 83:271-5, Aug 73
Platelet response and coagulation changes following massive blood replacement. Lim RC Jr, et al.
J Trauma 13:577-82, Jul 73
Amniotic fluid embolism and disseminated intravascular coagulation after blunt abdominal trauma. Olcott C 4th, et al. **J Trauma** 13:737-40, Aug 73
The induction of thrombosis in guinea pigs by a brain tumor. Odom MH, et al. **Lab Invest** 27:550-4, Dec 72
Prevention of intravascular haemorrhage in

low-birthweight babies. Thomas DB, et al. **Lancet** 2:562, 8 Sep 73

Von Willebrand's disease in pregnancy. Noller KL, et al. **Obstet Gynecol** 41:865-72, Jun 73

Evolution of blood clotting factor leves in premature infants during the first 10 days of life: a study of 96 cases with comparison between clinical status and blood clotting factor levels. Jensen AH, et al. **Pediatr Res** 7:638-44, Jul 73

Liver efficiency of patients treated with extracorporeal perfusion because of coma complicating viral hepatitis. Biochemical and coagulological studies. Kassur B, et al. **Pol Med J** 11:786-92, 1972

Laboratory approach to platelet disorders. Davey FR. **Postgrad Med** 54:109-12 passim, Aug 73

The laboratory assessment of the efficacy of antihaemophilic therapy. Lurie A. **S Afr Med J** 46:1180-5, 19 Aug 72

Normotest in acute hepatitis and chronic liver disease. Ockerman PA, et al. **Scand J Gastroenterol [Suppl]** 19:83-91, 1973

Evidence for abnormalities in clotting and thrombolysis as a risk factor for stroke. Pilgeram LO, et al. **Stroke** 4:643-57, Jul-Aug 73

Stroke and blood coagulation. Todd M, et al. **Stroke** 4:400-5, May-Jun 73

Stroma-free hemoglobin. I. Preparation and observations on in vitro changes in coagulation. Moss GS, et al. **Surgery** 74:198-203, Aug 73

Developments in transient hemorrhagic disorders. Rowe AJ, et al. **Tex Med** 69:72-8, Feb 73 (78 ref.)

Coagulation studies in a case of severe congenital hypofibrinogenemia. Barbu T, et al. **Thromb Diath Haemorrh** 28:129-34, 31 Aug 72

Changes associated with platelet aging. Ginsburg AD, et al. **Thromb Diath Haemorrh** 27:407-15, 31 Jul 72

Bleeding tendency with platelet dysfunction and albinism. A case report. Murakami M, et al. **Thromb Diath Haemorrh** 27:461-71, 31 Jul 72

Disturbances of coagulation mechanism in protein-calorie malnutrition. Hassanein EA, et al. **Trop Geogr Med** 25:158-62, Jun 73

Contributions to the optimal use of human blood. II. The large-scale preparation of prothrombin complex. A comparison between two methods using the anion exchangers DEAE-cellulose DE 52 and DEAE-sephadex A-50. Heystek J, et al. **Vox Sang** 25:113-23, 1973

[Disseminated intravascular coagulation (DIC). II. Spontaneous DIC in dogs] Slappendel RJ, et al. **Tijdschr Diergeneeskd** 98:615-31, 1 Jul 73 **(Dut)**

[Congenital blood coagulation disorders] Favre-Gilly J. **Lyon Med** 19:Suppl:119-31, Apr 72 **(Fre)**

[Heparin cofactor level in the initial stage of acute leukoses. Reduction of this factor by asparaginase] Kolodie L, et al. **Lyon Med** 228:685-90, 10 Dec 72 (Eng. Abstr.) **(Fre)**

[Synovial inflammation and coagulation factors. I. General study] Guérin B, et al. **Pathol Biol (Paris)** 20:689-94, Sep 72 (Eng. Abstr.) **(Fre)**

[Synovial inflammation and coagulation factors. II. Biological study of synovial fluid in serogically positive rheumatoid arthritis] Soria C, et al. **Pathol Biol (Paris)** 20:695-701, Sep 72 **(Fre)**

[Study of coagulation factors in normal and pathological synovial fluids. Demonstration of a special coagulation factor in certain synovial fluids in rheumatoid arthritis] Guérin B, et al. **Rev Rhum Mal Osteoartic** 39:581-7, Oct 72 (Eng. Abstr.) **(Fre)**

[Acute disseminated intravascular coagulation in an obstetrical unit. Study of 9 cases. Diagnostic criteria. Therapeutic management] Cornu P, et al. **Sem Hop Paris** 49:1419-28, 26 Apr 73 (Eng. Abstr.) **(Fre)**

[Clinical course and therapy of a successfully treated severe bromisovalerinylcarbamide, methaqualone, and meprobamate poisoning in a 12-year-old child] Schindera F, et al. **Arch Toxikol** 30:95-102, 1973 (Eng. Abstr.) **(Ger)**

[Molecular-biology findings on various blood clotting factors] Fiedler H. **Folia Haematol (Leipz)** 98:121-39, 1972 (121 ref.) (Eng. Abstr.) **(Ger)**

[Efficiency and limits of immunologic methods in the diagnosis of blood coagulation] Schwick HG, et al. **Internist (Berlin)** 14:160-9, Apr 73 **(Ger)**

[Functional and clinical studies of the lung in shock] Zimmermann WE, et al. **Langenbecks Arch Chir** 329:671-82, Dec 71 (Eng. Abstr.) **(Ger)**

[Activity of a circulating anticoagulant in lupus erythematosus visceralis disseminatus] Bahre G, et al. **Med Welt** 23:1821-3, 25 Nov 72 **(Ger)**

[Parietal thromboplastin time, thromboplastin time fibrinogen, thrombin time and thrombocyte count in healthy and sick newborn infants] Göbel U, et al. **Monatsschr Kinderheilkd** 120:484-8, Dec 72 (Eng. Abstr.) **(Ger)**

[Blood coagulation disorders in a chronic eosinophilic leukemia] Zöller H. **Munch Med Wochenschr** 115:1036-8, 1 Jun 73 (Eng. Abstr.) **(Ger)**

[Coagulation parameters in mother and newborn infant] Biland L, et al. **Schweiz Med Wochenschr** 102:1611-2, 4 Nov 72 (Eng. Abstr.) **(Ger)**

[Hypercoagulability in patients treated with hemodialysis (diagnosis and therapy)] Andrassy K, et al. **Verh Dtsch Ges Inn Med** 77:684-9, 1971 **(Ger)**

[Experimental decompression sickness in rabbits. Coagulation changes and therapeutic influencing] Schimpf K, et al. **Verh Dtsch Ges Inn Med** 77:1027-9, 1971 **(Ger)**

[Diagnostic significance of the analysis of fibrinogen derivatives] Schwabe G, et al. **Verh Dtsch Ges Inn Med** 78:719-23, 1972 **(Ger)**

[Influence of pregnancy on the activation factors of blood coagulation and on thrombocytes] Tismer R, et al. **Z Geburtshilfe Perinatol** 176:183-92, Jun 72 (Eng. Abstr.) **(Ger)**

[Changes in clotting mechanism in consumption coagulopathy] Maekawa T, et al. **Jap J Clin Hematol** 13:167-76, Apr 72 (Eng. Abstr.) **(Jap)**

[Studies of platelet factor-3 by the kaolin clotting time and thromboplastin generation time] Oki H, et al. **Jap J Clin Pathol** 21:621-6, Jul 73 **(Jap)**

[Histochemical studies on cellular plasminogen activator. Plasminogen activator in the normal transitional cells of the guinea pig urinary bladder] Sugiura H. **Jap J Urol** 64:265-80, Apr 73 (Eng. Abstr.) **(Jap)**

[Histochemical studies on tissue plasminogen activator. Interrelationship between tissue plasminogen activator and alkaline phosphatase in the bladder wall] Sugiura H. **Jap J Urol** 64:449-63, Jun 73 (Eng. Abstr.) **(Jap)**

[The coagulation and fibrinolytic properties of rabbit erythrocytes] Potekhin KG, et al. **Biol Nauki** 3:47-51, 1972 **(Rus)**

[Causes of onset, prophylaxis and treatment of the hemorrhagic complications in mechanical jaundice] Lys PV. **Klin Khir** 2:21-6, Feb 73 **(Rus)**

[Effect of intravenous ADP on thrombocyte aggregation and blood coagulation in animals] Pastorova VE, et al. **Probl Gematol Pereliv Krovi** 17:32-7, Jul 72 **(Rus)**

[Blood coagulation tissue factors in human palatine tonsils] Rybina OF. **Vestn Otorinolaringol** 35:61-3, Mar-Apr 73 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

Heparin, platelets, and venous thrombosis. O'Brien JR. **Am Heart J** 85:435-8, Apr 73 (16 ref.)

Acquired circulating anticoagulants. Fleming A, et al. **J Kans Med Soc** 78:483-5 passim, Nov 72

Warfarin metabolites: the anticoagulant activity and pharmacology of warfarin alcohols. Lewis RJ, et al. **J Lab Clin Med** 81:925-31, Jun 73

Acquired coagulation disorders in children. McMillan CW, et al. **Pediatr Clin North Am** 19:1029-45, Nov 72

Acquired inhibitors of blood coagulation. Feinstein DI, et al. **Prog Hemostasis Thromb** 1:75-95, 1972 (95 ref.)

Inactivation of platelet factor 4 in plasma. Eika C, et al. **Scand J Haematol** 9:343-50, 1972

[Effect of prostaglandin E 1 on the liberation of platelet factor 4 (DF 4)] Kubisz P, et al. **Bratisl Lek Listy** 58:408-12, Oct 72 (Eng. Abstr.) **(Slo)**

BIOSYNTHESIS

Metabolic roles of fat-soluble vitamins D, E, and K. Wasserman RH, et al. **Annu Rev Biochem** 41:179-202, 1972 (185 ref.)

Coagulation factor variants. Bloom AL.
Br J Haematol 23:643-7, Dec 72 (34 ref.)
The molecular basis of hereditary clotting disorders. Ratnoff OD.
Prog Hemostasis Thromb 1:39-74, 1972 (184 ref.)
Significance of intravascular coagulation and fibrinolysis in acute hepatic failure. Hillenbrand P, et al. **Scand J Gastroenterol** [Suppl] 19:133-4, 1973
[Molecular-biology findings on various blood clotting factors] Fiedler H.
Folia Haematol (Leipz) 98:121-39, 1972 (121 ref.) (Eng. Abstr.) (Ger)
[Blood coagulation disorders in liver diseases] Meyer-Burg **J. Med Klin** 68:187-91, 9 Feb 73 (Ger)
[Reaction kinetics of activator formation in streptokinase-induced fibrinolysis] Martin M.
Verh Dtsch Ges Inn Med 78:717-9, 1972 (Ger)
[Fetal hypoxia and its effect on the coagulation system in the newborn infant] Haupt H.
Z Kinderheilkd 113:185-92, 1972 (Eng. Abstr.) (Ger)
[Vitamins. 15. Vitamin K] Nilsson IM.
Lakartidningen 69:Suppl 3:108-10, 23 Oct 72 (Eng. Abstr.) (Swe)

CLASSIFICATION

[Physiology of coagulation and fibrinolysis] Belleville J. **Lyon Med** 19:Suppl:103-12, Apr 72 (Fre)

ISOLATION & PURIFICATION

Some experiences in the fractionation of proteins by isoelectric focusing. Li YT, et al.
Ann NY Acad Sci 209:187-97, 15 Jun 73
The use of isoelectric focusing to study components of the human plasma kinin-forming system. Spragg J, et al. **Ann NY Acad Sci** 209:372-86, 15 Jun 73
Characterization of a chondroitin 4 -sulfate proteoglycan carrier for heparin neutralizing activity (platelet factor 4) released from human blood platelets. Barber AJ, et al.
Biochim Biophys Acta 286:312-29, 29 Dec 72
The fibrinolytic pathway of human plasma. Isolation and characterization of the plasminogen proactivator. Kaplan AP, et al. **J Exp Med** 136:1378-93, 1 Dec 72
Assay of platelet factor 4 in plasma. Fuster V, et al.
Mayo Clin Proc 48:103-6, Feb 73
A therapeutic concentrate of coagulation factors II, IX and X from citrated, factor VIII-depleted plasma. Middleton SM, et al. **Vox Sang** 24:441-56, May 73
The development of plasma derivatives in Australia. Schiff P. **Vox Sang** 23:38-43, Jul-Aug 72
Notes on plasma derivative production in the Federal Republic of Germany. Schwick HG.
Vox Sang 23:44, Jul-Aug 72
Notes on the production of plasma derivatives in France. Steinbuch M. **Vox Sang** 23:56-7, Jul-Aug 72
Plasma fractionation in England and Wales. Vallet L.
Vox Sang 23:58-60, Jul-Aug 72
[Separation and isolation of the platelet-aggregating plasma factor] Krzywanek HJ, et al.
Verh Dtsch Ges Inn Med 77:152-4, 1971 (Ger)
[Some recent advances in blood coagulation research] Sakuragawa N.
Jap J Clin Hematol 13:923-33, Dec 72 (48 ref.) (Jap)

METABOLISM

Metabolic roles of fat-soluble vitamins D, E, and K. Wasserman RH, et al.
Annu Rev Biochem 41:179-202, 1972 (185 ref.)
Studies of the coagulation process in the crayfish, Orconectes virilis: attempts to identify a fibrinogen-like factor. Wood PJ, et al.
Comp Biochem Physiol [B] 42:41-8, 15 May 72
A study of platelet function in primary thrombopathy. Kasturi J, et al. **Indian J Med Res** 60:567-75, Apr 72
Developments in transient hemorrhagic disorders. Rowe AJ, et al. **Tex Med** 69:72-8, Feb 73 (78 ref.)

PHYSIOLOGY

Heparin, platelets, and venous thrombosis. O'Brien JR.
Am Heart J 85:435-8, Apr 73 (16 ref.)
Laboratory tests of platelet function. Day HJ, et al.
Ann Clin Lab Sci 2:63-74, Jan-Feb 72
Coagulation problems. Czapek EE.
Int Anesthesiol Clin 11:175-201, Summer 73 (66 ref.)
The role of platelets in blood coagulation. Possible significance for hemostasis. Walsh PN.
Medicina (B Aires) 33:163-80, Mar-Apr 73 (Eng. Abstr.) (Rus)
Some recent advances in coagulation--1972. King JB.
S Afr Med J 46:2085-9, 30 Dec 72 (42 ref.)
Hemostasis and blood coagulation. Quick AJ.
Science 182:87, 5 Oct 73
[Disseminated intravascular coagulation] Wang FY, et al. **Chin Med J** 5:309-15, 1973 (13 ref.) (Chi)
[Physiology of coagulation and fibrinolysis] Belleville J. **Lyon Med** 19:Suppl:103-12, Apr 72 (Fre)
[Influence of pregnancy on the activation factors of blood coagulation and on thrombocytes] Tismer R, et al.
Z Geburtshilfe Perinatol 176:183-92, Jun 72 (Eng. Abstr.) (Ger)
[Some recent advances in blood coagulation research] Sakuragawa N.
Jap J Clin Hematol 13:923-33, Dec 72 (48 ref.) (Jap)

SECRETION

Platelet factor 3 in Glanzmann's thrombasthenia. Saraya AK, et al.
Acta Haematol (Basel) 48:116-24, 1972
Disseminated intravascular coagulation induced with leukocyte procoagulant. Kociba GJ, et al.
Am J Pathol 69:407-20, Dec 72
The clinical relevance of platelet function tests. McBride JA, et al.
Br J Haematol 23:Suppl:201-8, Sep 72 (36 ref.)
[Congenital thrombopathies] Outeiriño Hernanz J, et al. **Rev Clin Esp** 128:93-100, 31 Jan 73 (35 ref.) (Spa)

THERAPEUTIC USE

Clinical experiences with chromatographic DEAE adsorbed prothrombin complex for control of bleeding and multiple tooth extraction in hemophilia B patients. Onishi H, et al.
Acta Haematol Jap 34:513-6, Aug 71
The uses of plasma. **Lancet** 2:1130-1, 25 Nov 72
Prevention of intraventricular haemorrhage in babies receiving artificial ventilation. Thomas DB, et al.
Med J Aust 1:933-6, 12 May 73
Uses of blood and of blood components.
Med Lett Drugs Ther 14:89-92, 24 Nov 72
Blood as a medicine. Kennedy M.
Ohio State Med J 69:501-6, Jul 73
Diagnosis and treatment of inherited bleeding disorders. Strauss HS.
Pediatr Clin North Am 19:1009-28, Nov 72 (79 ref.)
Pseudotumor in a patient with factor IX deficiency. Andes WA, et al. **South Med J** 66:905-8, Aug 73
A therapeutic concentrate of coagulation factors II, IX and X from citrated, factor VIII-depleted plasma. Middleton SM, et al. **Vox Sang** 24:441-56, May 73
Inherited blood clotting disorders. Report of a WHO scientific group. **WHO Tech Rep Ser** 504:1-48, 1972

BLOOD COAGULATION TESTS

Hypofibrinogenemia after Echis colorata bite in man. Dvilansky A, et al.
Acta Haematol (Basel) 49:123-7, 1973
Fetal factor VIII and IX levels in early pregnancy and their significance in prenatal diagnosis. Fortune WA, et al. **Acta Haematol (Basel)** 49:314-7, 1973
Acute superficial phlebitis in a patient with hemophilia A. Probably an iatrogenic effect. Girolami A, et al.
Acta Haematol (Basel) 48:307-11, 1972
Abnormal factor X(factor X Friuli) coagulation disorder. Girolami A, et al.
Acta Haematol (Basel) 49:114-22, 1973
Inactive factor VIII in hemophilia A and Willebrand's disease. A study of 117 cases. Lechner K.
Acta Haematol (Basel) 48:257-68, 1972
Hemophilia B in a phenotypically normal girl with XX (ring) XO mosaicism. Neuschatz J, et al.
Acta Haematol (Basel) 49:108-13, 1973
Platelet factor 3 in Glanzmann's thrombasthenia. Saraya AK, et al.
Acta Haematol (Basel) 48:116-24, 1972
Platelet function studies in factor V deficiency. Seeler RA, et al. **Acta Haematol (Basel)** 48:176-82, 1972
Failure of subcutaneous heparin treatment in a case of disseminated intravascular coagulation. Stevens W, et al. **Acta Haematol (Basel)** 48:245-50, 1972
Clinical experiences with chromatographic DEAE adsorbed prothrombin complex for control of bleeding and multiple tooth extraction in hemophilia

B patients. Onishi H, et al.
Acta Haematol Jap 34:513-6, Aug 71

Intravascular coagulation in hyperacutely rejected liver xenografts. Lukasiewicz H, et al.
Acta Med Pol 14:123-9, 1973

Recurrent thrombosis in a young woman with a circulating anticoagulant directed against factors XI and XII. Aberg H, et al.
Acta Med Scand 192:419-25, Nov 72

Blood coagulation and fibrinolysis in relation to degree of physical activity during work and leisure time. A study based on a random sample of 54-year-old men. Korsan-Bengtsen K, et al.
Acta Med Scand 193:73-7, Jan-Feb 73

Changes in antithrombin 3 levels following cessation of anticoagulant therapy. Refvem O, et al.
Acta Med Scand 193:307-9, Apr 73

Platelet factor 3--methods of study. De Gaetano G, et al.
Adv Exp Med Biol 34:281-94, 1972

Coagulation changes in healthy and sick pacific salmon. Hougie C. **Adv Exp Med Biol** 22:89-102, 1972

Platelet function tests and thrombosis. O'Brien JR.
Adv Exp Med Biol 34:43-54, 1972 (10 ref.)

Platelet washing by albumin density gradient separation (ADGS). Walsh PN.
Adv Exp Med Biol 34:245-56, 1972

Clinical studies in sudden deafness. Jaffe BF.
Adv Otorhinolaryngol 20:221-8, 1973

Blood coagulation during critical decompression following diving experiments with oxygen-helium. Bonin B, et al. **Aerosp Med** 44:508-12, May 73

Accerlerated coagulation of whole blood and cell-free plasma by bubbling in vitro. Hallenbeck JM, et al.
Aerosp Med 44:712-4, Jul 73

Factors influencing hemolysis in valve prosthesis. Crexells C, et al. **Am Heart J** 84:161-70, Aug 72

Simultaneous use of multiple fibrometers for coagulation factor and heparin assays. Abildgaard CF, et al. **Am J Clin Pathol** 58:272-4, Sep 72

The value of measuring platelet "adhesiveness" in the diagnosis of bleeding diseases. Bowie EJ, et al.
Am J Clin Pathol 60:302-8, Sep 73

Electronic method for quantitation of bleeding time. Bowie EJ, et al. **Am J Clin Pathol** 58:255-9, Sep 72

Evaluation of assay of factor VIII by automated partial thromboplastin time. Burka ER, et al.
Am J Clin Pathol 59:751-4, May 73

The role of the platelet membrane in platelet function. I. Blood coagulation. Glynn MF.
Am J Clin Pathol 60:309-13, Sep 73

The plasma protamine paracoagulation test: clinical and laboratory evaluation. Kidder WR, et al.
Am J Clin Pathol 58:675-86, Dec 72

The clinical significance of the plasminogen level. Lackner H, et al. **Am J Clin Pathol** 60:175-81, Aug 73

Hypofibrinogenemia associated with hemangioma of the liver. Martinez J, et al.
Am J Clin Pathol 60:192-7, Aug 73

Aspirin as an antiplatelet agent: template bleeding time as a monitor of therapy. Mielke CH Jr, et al.
Am J Clin Pathol 59:236-42, Feb 73

The use of laboratory determinations in the control of streptokinase therapy. Minn SK, et al.
Am J Clin Pathol 58:415-21, Oct 72

A precision study of coagulation factor assay technics. Palkuti HA, et al. **Am J Clin Pathol** 59:231-5, Feb 73

Comparison of activated partial thromboplastin reagents. Sibley C, et al.
Am J Clin Pathol 59:581-6, Apr 73

The in vitro effect of heparin on the activated partial thromboplastin time. Soloway HB, et al.
Am J Clin Pathol 58:405-7, Oct 72

Comparison of various activated partial thromboplastin reagents in the laboratory control of heparin therapy. Soloway HB, et al. **Am J Clin Pathol** 59:587-90, Apr 73

Differentiation of bleeding diatheses which occur following protamine correction of heparin anticoagulation. Soloway HB, et al.
Am J Clin Pathol 60:188-91, Aug 73

Sensitivity of the activated partial thromboplastin time to heparin: effect of anticoagulant used for sample collection. Soloway HB, et al.
Am J Clin Pathol 59:760-2, May 73

Amyloidosis with factor X deficiency. Bernhardt B, et al. **Am J Med Sci** 264:411-4, Nov 72

Blood coagulation studies in Plasmodium falciparum malaria. Butler T, et al. **Am J Med Sci** 265:63-7, Jan 73

Hyperviscosity syndrome with IgA myeloma. Dine ME, et al. **Am J Med Sci** 264:111-5, Aug 72

Hyperviscosity syndrome associated with immunoglobulin A myeloma. Freel RJ, et al.
Am J Med Sci 264:117-22, Aug 72

Massive hemorrhage associated with circulating antibodies to factor V. Onuora CA, et al.
Am J Med Sci 265:407-17, May 73

Fatal disseminated intravascular coagulation and hemolytic anemia following stibophen therapy: a study of basic mechanisms. Weiss HJ, et al.
Am J Med Sci 264:375-84, Nov 72

Reversal of renal failure in Wegener's granulomatosis cy heparin. Whitaker AN, et al.
Am J Med Sci 265:399-406, May 73

Effect of incubation time and anticoagulant on the activated partial thromboplastin time. Davis KD, et al.
Am J Med Technol 39:136-9, Apr 73

Simplified procedure for monitoring heparin therapy. Grosky BM. **Am J Med Technol** 39:1-8, Jan 73

Vascular hemostasis: a review. Stevens DJ.
Am J Med Technol 39:252-7, Jun 73 (50 ref.)

Coagulation studies in the hypertensive toxemias of pregnancy. Davidson EC Jr, et al.
Am J Obstet Gynecol 113:905-10, 1 Aug 72

Plasma volume, electrolyte, and coagulation factor changes following intra-amniotic hypertonic saline infusion. Easterling WE Jr, et al.
Am J Obstet Gynecol 113:1065-71, 15 Aug 72

Coagulation changes in saline-induced abortion. Laros RK Jr, et al. **Am J Obstet Gynecol** 116:271-6, 15 May 73

Progestational agents and blood coagulation. IV. Changes induced by progestogen alone. Mink IB, et al.
Am J Obstet Gynecol 113:739-43, 15 Jul 72

Procoagulant properties of amniotic fluid. Phillips LL, et al. **Am J Obstet Gynecol** 113:911-9, 1 Aug 72

Disseminated intravascular coagulation resulting in severe hemorrhage, following the intraamniotic injection of hypertonic saline to induce abortion. Sedaghat A, et al.
Am J Obstet Gynecol 114:841-3, 15 Nov 72

Defibrination syndrome after intra-amniotic infusion of hypertonic saline. Weiss AE, et al.
Am J Obstet Gynecol 113:868-74, 1 Aug 72

Adenosine diphosphate-induced platelet aggregation in healthy women with and without a combined and sequential contraceptive pill. Zahavi J, et al.
Am J Obstet Gynecol 117:107-13, 1 Sep 73

Complications of percutaneous transhepatic cholangiography (PTC). Göthlin J, et al.
Am J Roentgenol Radium Ther Nucl Med 117:426-31, Feb 73

The precise management of heparin therapy. Baden JP, et al. **Am J Surg** 124:777-9, Dec 72

Effects of autotransfusion on blood elements. Bennett SH, et al. **Am J Surg** 125:273-9, Mar 73

Serosal hypofibrinolysis. A cause of postoperative adhesions. Gervin AS, et al. **Am J Surg** 125:80-8, Jan 73

Importance of angiography in the management of massive hemorrhage from colonic diverticula. Lewis EE, et al. **Am J Surg** 124:573-80, Nov 72

Test for aspirin intolerance (hypersensitivity) and adrenergic stimulators. Fisherman EW, et al.
Ann Allergy 31:182-94, Apr 73

The diagnosis of von Willebrand's disease. Bowie EJ, et al. **Ann Clin Lab Sci** 1:85-91, Jul-Aug 71 (39 ref.)

Laboratory tests of platelet function. Day HJ, et al.
Ann Clin Lab Sci 2:63-74, Jan-Feb 72

The fibrin-stabilizing factor. A decade of progress. Mandel EE.
Ann Clin Lab Sci 1:92-9, Jul-Aug 71 (71 ref.)

Fibrinogen and the fibrinogenopathies. Morse EE.
Ann Clin Lab Sci 1:155-61, Sep-Oct 71 (30 ref.)

Intravascular coagulation-fibrinolysis (ICF) syndrome. Owen CA Jr, et al. **Ann Clin Lab Sci** 2:26-30, Jan-Feb 72

The significance of physical diagnosis, patient history, data, and medical screening in the dental office. Little JW, et al. **Ann Dent** 31:42-55, Fall 72

Bleeding times and platelet aggregation after analgesics in hemophilia. Kasper CK, et al.
Ann Intern Med 77:189-93, Aug 72

A qualitative platelet defect in severe vitamin B 12 deficiency. Response, hyperresponse, and thrombosis after vitamin B 12 therapy. Levine PH.
Ann Intern Med 78:533-9, Apr 73

Platelet-function studies in the Bernard-Soulier syndrome. Bithell TC, et al.
Ann NY Acad Sci 201:145-60, 27 Oct 72

Platelet abnormalities in von Willebrand's disease. Bowie E., et al. **Ann NY Acad Sci** 201:400-20, 27 Oct 72

Factors affecting hemostatic plug formation in an extracorporeal model. Didisheim P, et al.
Ann NY Acad Sci 201:307-15, 27 Oct 72

Platelet abnormalities in heritable disorders of connective tissue. Estes JW.
Ann NY Acad Sci 201:445-50, 27 Oct 72
Platelet defects in the myeloproliferative disorders. Inceman S, et al. **Ann NY Acad Sci** 201:251-61, 27 Oct 72
Hemorrhagic disease associated with inhibitors of fibrin cross-linkage. Lewis JH.
Ann NY Acad Sci 202:213-9, 8 Dec 72
Platelet membrane mucopolysaccharides: some relevant observations. O'Brien JR.
Ann NY Acad Sci 201:316-28, 27 Oct 72
The effect of dialysis on platelet function of patients with renal failure. Rabiner SF.
Ann NY Acad Sci 201:234-42, 27 Oct 72
The effect of oral contraceptives on fibrin-clot stabilization. Shanberge JN, et al.
Ann NY Acad Sci 202:220-9, 8 Dec 72
Abnormalities of platelet aggregation in patients with alcoholic cirrhosis. Thomas DP.
Ann NY Acad Sci 201:243-50, 27 Oct 72
Qualitative platelet disorders: classification and pathogenesis. Ulutin ON.
Ann NY Acad Sci 201:174-93, 27 Oct 72
Abnormalities in platelet function due to defects in the release reaction. Weiss HJ.
Ann NY Acad Sci 201:161-73, 27 Oct 72
Coagulopathy after major combat injury: occurrence, management, and pathophysiology. McNamara JJ, et al. **Ann Surg** 176:243-6, Aug 72
Platelet function tests in disease. Tschopp TB, et al.
Annu Rev Med 24:1-18, 1973 (214 ref.)
Fibrinolytic activity in lesions of hereditary hemorrhagic telangiectasia. Kwaan HC, et al.
Arch Dermatol 107:571-3, Apr 73
Hypothermia and coagulation defects in the newborn. Chadd MA, et al. **Arch Dis Child** 47:819-21, Oct 72
Controlled trial of fresh frozen plasma in asphyxiated low birthweight infants. Hambleton G, et al.
Arch Dis Child 48:31-5, Jan 73
Controlled clinical trial of corticosteroid therapy in prophylaxis of respiratory distress syndrome. Price HV. **Arch Dis Child** 48:325, Apr 73
Fibrinolytic split products. A clinicopathological correlative study in adults with lupus glomerulonephritis and various renal diseases. Bond RE, et al. **Arch Intern Med** 132:182-7, Aug 73
An acquired inhibitor to factor XIII. McDevitt NB, et al.
Arch Intern Med 130:772-7, Nov 72
Intraoperative autotransfusion in abdominal aortic resections. Brener BJ, et al. **Arch Surg** 107:78-84, Jul 73
Chronic intravascular coagulation in metastatic prostate cancer. Samaha RJ, et al.
Arch Surg 106:295-8, Mar 73
Relationship of fibrinolytic system to postoperative thrombotic phenomena. Sautter RD, et al.
Arch Surg 107:292-6, Aug 73
Comparison of analytical values for commerical heparin. Kavanagh LW, et al.
Arzneim Forsch 23:605-11, Apr 73
Inter-relationships between platelet response to adenosine diphosphate, blood coagulation and serum lipids in patients with peripheral occlusive atherosclerosis. Cotton RC, et al.
Atherosclerosis 16:337-48, Nov-Dec 72
Fibrinolysis and haemostasis. Castaldi PA, et al.
Aust NZ J Med 2:113-7, May 72
Von Willebrand's disease type B: a newly defined bleeding diathesis. Firkin B, et al.
Aust NZ J Med 3:225-9, Jun 73
Qualitative platelet defects with reduced life-span in acute leukaemia. Van der Weyden MB, et al.
Aust NZ J Med 2:339-45, Nov 72
Acute disseminated intravascular coagulation in systemic lupus erythematosus. Whitaker AN, et al.
Aust NZ J Med 2:182-7, May 72
The pharmacology of S 1702, a new highly effective oral antidiabetic drug with unusual properties. 2. Protective activity of S 1702 on the microvascular system in normal and diabetic rats. Duhault J, et al.
Australas Radiol 22:1686-90, Oct 72
The purification and properties of factor X from pig serum and its role in hypercoagulability in vivo. Dupe RJ, et al. **Biochem J** 133:311-21, Jun 73
Inhibition of the thrombin-fibrinogen reaction by a macromolecular factor from rat liver. Flengsrud R, et al. **Biochem J** 129:83-9, Aug 72
Studies on the coagulant enzyme from Agkistrodon rhodostoma venom. Isolation and some properties of the enzyme. Hatton MW.
Biochem J 131:799-807, Apr 73
The preparation of activated factor X and its action on prothrombin. Jesty J, et al.
Biochem J 131:791-9, Apr 73
On the physiological role of 2 -macroglobulin. Rinderknecht H, et al.
Biochim Biophys Acta 295:233-44, 25 Jan 73
Antibodies to factor VIII. I. Variations in stability of antigen-antibody complexes in hemophilia A. Allain JP, et al. **Blood** 42:437-44, Sep 73
Treatment of thrombotic thrombocytopenic purpura with antiplatelet drugs. Amir J, et al.
Blood 42:27-33, Jul 73
Inhibition of the generalized Shwartzman reaction by hypofibrinogenemia. Bell WR, et al.
Blood 40:697-708, Nov 72
Platelet dysfunction in glycogen storage disease type I. Czapek EE, et al. **Blood** 41:235-47, Feb 73
Successful management of a subdural hematoma in a hemophiliac with an anti-factor VIII antibody. Edson JR, et al. **Blood** 41:113-22, Jan 73
Direct assessment of platelet adhesion to glass: a study of the forces of interaction and the effects of plasma and serum factors, platelet function, and modification of the glass surface. George JN.
Blood 40:862-74, Dec 72
Intravascular coagulation in acute leukemia: clinical and subclinical abnormalities. Gralnick HR, et al.
Blood 40:709-18, Nov 72
Relation between bleeding time and platelet connective tissue reaction after aspirin. Hirsh J, et al.
Blood 41:369-77, Mar 73
Von Willebrand's syndrome presenting as an acquired bleeding disorder in association with a monoclonal gammopathy. Mant MJ, et al. **Blood** 42:429-36, Sep 73
Metabolism of human prothrombin and fibrinogen in patients with thrombocytosis secondary to myeloproliferative states. Martinez J, et al.
Blood 42:35-46, Jul 73
Thrombogenic activity of leukocytes. Niemetz J, et al.
Blood 42:47-59, Jul 73
Effects of plasmin on human factor VIII (AHF). Pasquini R, et al. **Blood** 41:105-11, Jan 73
Experimental dysfibrinogenemia: in vivo studies with arvin. Rodriguez-Erdmann F, et al.
Blood 37:664-74, Jun 71
The fibrin stabilizing factor, factor XIII. Duckert F.
Blut 26:177-9, Mar 73 (11 ref.)
Hemophilia B+ or Bm. First case reported in Italy. Girolami A, et al. **Blut** 26:268-79, Apr 73
Hemorrhagic varicella in parahemophilia. Girolami A, et al. **Blut** 25:293-301, Nov 72
The management of deep venous thrombosis. I. Diagnosis. Edwards IR, et al.
Br J Dermatol 87:518-22, Nov 72 (37 ref.)
The skin in disseminated intravascular coagulation. Prospective analysis of thirty-six cases. Robboy SJ, et al. **Br J Dermatol** 88:221-9, Mar 73
The platelet defect associated with albumism. Hardisty RM, et al. **Br J Haematol** 23:679-92, Dec 72
Platelet age: its relationship to platelet size, function and metabolism. Hirsh J.
Br J Haematol 23:Suppl:209-14, Sep 72 (33 ref.)
Determinants of prothrombinase activity and modification of prothrombin conversion by thrombin-treated factor V. Kandall C, et al.
Br J Haematol 23:655-68, Dec 72
Active and inactive factor VII in Dubin-Johnson syndrome with factor-VII deficiency, hereditary factor-VII deficiency and on coumadin administration. Levanon M, et al.
Br J Haematol 23:669-77, Dec 72
The clinical relevance of platelet function tests. McBride JA, et al.
Br J Haematol 23:Suppl:201-8, Sep 72 (36 ref.)
Prolonged prothrombin time and partial thromboplastin time in disseminated intravascular coagulation not due to deficiency of factors V and VIII. Mant MJ, et al. **Br J Haematol** 24:725-34, Jun 73
Combined deficiency of factor V and factor VIII: report of a family and genetic analysis. Sibinga CT, et al.
Br J Haematol 23:467-81, Oct 72
Effects of Ancrod (Arvin) in mice: studies of plasma fibrinogen and fibrinolytic activity. Silberman S, et al.
Br J Haematol 24:101-13, Jan 73
Relationship between blast-cell morphology and occurrence of a syndrome of disseminated intravascular coagulation. Sultan C, et al.
Br J Haematol 24:255-9, Feb 73
Plasma thromboplastin antecedent deficiency. Williams JL. **Br J Oral Surg** 10:126-32, Nov 72

Conservative management of thrombo-embolism. Flute PT. **Br J Surg** 59:834-6, Oct 72

Streptokinase therapy in deep-vein thrombosis. Mavor GE, et al. **Br J Surg** 60:468-74, Jun 73

Idiopathic gangrene in African adults. Barr RD, et al. **Br Med J** 4:273-4, 4 Nov 72

Behçet's disease with decreased fibrinolysis and superior vena caval occlusion. Chajek T, et al. **Br Med J** 1:782-3, 31 Mar 73

Fibrinolysis in cholestatic jaundice. Dioguardi N, et al. **Br Med J** 2:778-9, 30 Jun 73

Clinical and laboratory double-blind investigation on effect of fibrinolytic therapy in patients with cutaneous vasculitis. Dodman B, et al. **Br Med J** 2:82-4, 14 Apr 73

Warfarin and hydroxyethylrutosides in deep vein thrombosis. Eastham RD, et al. **Br Med J** 4:491, 25 Nov 72

AHF-related protein and precipitation reactions. Holmberg L, et al. **Br Med J** 1:549, 3 Mar 73

Haemostatic changes during dialysis associated with thrombus formation on dialysis membranes. Lindsay RM, et al. **Br Med J** 4:454-8, 25 Nov 72

Effects of progestogen oral contraception with norethisterone on blood clotting and platelets. Poller L, et al. **Br Med J** 4:391-3, 18 Nov 72

Mechanisms of thrombocytopenia in malignant tertian malaria. Skudowitz RB, et al. **Br Med J** 2:515-8, 2 Jun 73

Blood clotting and the pill. **Br Med J** 4:378-9, 18 Nov 72

Pathogenetic mechanisms in dengue haemorrhagic fever: report of an international collaborative study. **Bull WHO** 48:117-33, 1973

A modified whole blood partial thromboplastin test for the assessment of heparinization. Ray PK, et al. **Can Med Assoc J** 108:1505-8, 23 Jun 73

Disseminated intravascular coagulation in cancer patients: supportive evidence. Peck SD, et al. **Cancer** 31:1114-9, May 73

The influence of cholesterol on the activity of phospholipids in blood coagulation: requirement for a liquid-crystalline lipid phase. Sterzing PR, et al. **Chem Phys Lipids** 10:137-48, Feb 73

The treatment of pulmonary embolism. **Chest** 63:1006-11, Jun 73

Effects of intravenous neuraminidase on the turnover of fibrinogen. Regoeczi E, et al. **Ciba Found Symp** 9:181-201, 1972

Local anticoagulation of prosthetic heart valves. Schwartz ML, et al. **Circulation** 48:Suppl 3:85-9, Jul 73

The urokinase pulmonary embolism trial. A national cooperative study. **Circulation** 47:Suppl 2:1-108, Apr 73

Investigations on acid phosphatase activity in human plasma and serum. Modder CP. **Clin Chim Acta** 43:205-14, 24 Jan 73

Hemorrhagic disease due to vitamin K deficiency in a premature infant: a syndrome which may resemble disseminated intravascular coagulation (DIC). Mangurten HH, et al. **Clin Pediatr (Phila)** 12:372-5, Jun 73

The hemorrhagic phenomena associated with green pit viper (Trimeresurus erythrurus and Trimeresurus popeorum) bites in children. A report of studies to elucidate their pathogenesis. Mitrakul C, et al. **Clin Pediatr (Phila)** 12:215-8, Apr 73

Comparison of anticoagulant activity of two preparations of purified heparin. Baltes BJ, et al. **Clin Pharmacol Ther** 14:287-90, Mar-Apr 73

A study of intravascular coagulation in immune complex glomerulonephritis by use of 131-I-labelled fibrinogen and 125I-labelled antigen. Wardle EN. **Clin Sci** 45:35-50, Jul 73

Studies of the coagulation process in the crayfish, Orconectes virilis: attempts to identify a fibrinogen-like factor. Wood PJ, et al. **Comp Biochem Physiol [B]** 42:41-8, 15 May 72

How to test for bleeding time. Krutchoff DJ, et al. **Dent Assist** 42:13-6, Jun 73

Conversion of Hageman factor (factor XII) of the guinea pig to prekallikrein activator and inhibition of the formed kallikrein by a natural plasma inhibitor. Takeuchi Y, et al. **Eur J Immunol** 2:345-9, Aug 72

Isolation of prekallikrein activator from guinea pig serum or plasma adsorbed to immune precipitates or celite: possible relationship to Hageman factor. Treloar MP, et al. **Eur J Immunol** 2:338-45, Aug 72

The role of platelet function tests in the evaluation of drug toxicity. Hawkins RI. **Eur J Toxicol** 5:37-42, Jan-Feb 72

Fibrinogen-fibrin conversion as determined by polymer bead sedimentation technique. Exner T, et al. **Experientia** 28:1421-3, 15 Dec 72

Synthetic low molecular weight inhibitors of thrombin. Geratz JD. **Folia Haematol (Leipz)** 98:455-70, 1972

Primary thrombocythemia. Jamshidi K, et al. **Geriatrics** 28:121-33, Jan 73

Experimental hepatic necrosis: studies on coagulation abnormalities, plasma clearance, and organ distribution of 125I-labelled fibrinogen. Rake MO, et al. **Gut** 14:574-80, Jul 73

Evidence of intracranial deposits at the onset of myelomonoblastic leukaemia. Rose MS. **Guys Hosp Rep** 121:223-7, 1972

Kasabach-Merritt syndrome in an adult. Boros G, et al. **Haematologia (Budap)** 7:83-96, 1973

Acute hepatic necrosis of hepatitis and mushroom poisoning. The value of coagulation tests in their differentiation, prognostic assessment and pathogenesis. Herold R, et al. **Helv Med Acta** 37:5-24, 1973

Gangrene of lower extremities in a newborn infant associated with intravascular coagulation (recession of gangrene after heparin therapy). Manios SG, et al. **Helv Paediatr Acta** 27:187-92, Jun 72

Coagulation studies and streptokinase therapy in the haemolytic-uraemic syndrome. Monnens L, et al. **Helv Paediatr Acta** 27:45-54, Apr 72

Disseminated intravascular coagulation complicating chickenpox. Naveh Y, et al. **Helv Paediatr Acta** 27:193-6, Jun 72

Blood clotting time and clotting strength measured by a hemotensiometer. Altshuler TL, et al. **IEEE Trans Biomed Eng** 20:152-4, Mar 73

Diagnosis and treatment of common bleeding disorders. Caprini JA, et al. **Ill Med J** 142:564-8 passim, Dec 72

Plasma thrombin clotting time and plasma fibrinogen in diabetes mellitus and atherosclerosis. Banerjee RN, et al. **Indian J Med Res** 60:1432-42, Oct 72

Clinical spectrum of Budd-Chiari syndrome in Chandigrah with particular reference to obstruction of intrahepatic portion of inferior vena cava. Datta DV, et al. **Indian J Med Res** 60:385-402, Mar 72

A study of platelet function in primary thrombopathy. Kasturi J, et al. **Indian J Med Res** 60:567-75, Apr 72

Hazards of prolonged bed-rest. Clinical, biochemical and blood coagulation studies. Sarin RC. **Indian J Med Sci** 26:301-7, May 72

Effect in mice of injection of viable Candida albicans and a cell-free sonic extract on circulating platelets. Holder IA, et al. **Infect Immun** 7:468-72, Mar 73

Coagulation problems. Czapek EE. **Int Anesthesiol Clin** 11:175-201, Summer 73 (66 ref.)

The behaviour of complement and platelets in lethal endotoxin shock in rabbits. Brown DL, et al. **Int Arch Allergy Appl Immunol** 45:193-205, 1973

Abnormalities of blood coagulation at high altitude. Singh I, et al. **Int J Biometeorol** 16:283-97, Aug 72

Platelet lipids and coagulation in plasma. II. Thromboplastic activity. Boggust WA. **Ir J Med Sci** 141:168-80, Oct-Dec 72

Haemolysis during haemostasis in skin puncture. McCarthy D, et al. **Ir J Med Sci** 142:123-6, May 73

Laboratory investigations of the DIC syndrome. Temperley IJ, et al. **Ir J Med Sci Suppl**:83-7, May 73

Laboratory investigations of the dic syndrome. Temperley IJ, et al. **Ir J Med Sci** 83-96, May 73

Anticoagulant therapy for senile dementia. Ratner J, et al. **J Am Geriatr Soc** 20:556-9, Nov 72

Hemorrhagic diathesis resembling pseudohemophilia in a dog. Myers LJ, et al. **J Am Vet Med Assoc** 161:1028-9, 1 Nov 72

Immunologically mediated thrombocytopenia in the dog. Wilkins RJ, et al. **J Am Vet Med Assoc** 163:277-82, 1 Aug 73

Fibrinolytic activity and recalcified plasma clotting time in uremia. Bector NP, et al. **J Assoc Physicians India** 19:615-8, Sep 71

The life long haemorrhagic disorders with prolonged bleeding time and associated factor VIII deficiency (von Willebrand's disease). Dube B, et al. **J Assoc Physicians India** 20:929-33, Dec 72

Isolation and characterization of human Factor VIII (antihemophilic factor). Legaz ME, et al. **J Biol Chem** 248:3946-55, 10 Jun 73

Vitamin K and the biosynthesis of prothrombin. I. Identification and purification of a dicoumarol-induced abnormal prothrombin from bovine plasma. Stenflo J, et al. **J Biol Chem** 247:8160-6, 25 Dec 72

Cross-linked heparin binding of a membrane oxygenator system. Eberle JW, et al. **J Biomed Mater Res** 7:145-53, Mar 73

The subunit structure of normal and hemophilic factor VIII. Shapiro GA, et al. **J Clin Invest** 52:2198-210, Sep 73

Detection of fibrinogen-fibrin degradation products by counterelectrophoresis. Brody JI. **J Clin Pathol** 25:754-6, Sep 72

In defence of APTT control of long-term anticoagulant therapy. Eastham RD. **J Clin Pathol** 26:383-4, May 73

Effect of feeding fat on fibrinolysis, stypven time, and platelet aggregation in elderly Africans. Ferguson JC, et al. **J Clin Pathol** 25:574-6, Jul 72

The relationship of the dilute whole blood lysis time to the fibrinolytic activity of blood: effect of change in plasma fibrinogen. Hickman JA, et al. **J Clin Pathol** 26:189-93, Mar 73

Effect of intravenous prostaglandin E 2 on platelet function, coagulation, and fibrinolysis. Howie PW, et al. **J Clin Pathol** 26:355-8, May 73

Reptilase and thrombin clotting time of plasma from patients treated with streptokinase. Latallo ZS, et al. **J Clin Pathol** 25:625, Jul 72

Antithrombin-3 deficiency in a Dutch family. Meer J van der, et al. **J Clin Pathol** 26:532-8, Jul 73

Preliminary results of the reptilase clotting time and protamine test in patients undergoing open heart surgery with extracorporeal circulation. Palester-Chlebowczyk M, et al. **J Clin Pathol** 25:625, Jul 72

Comparison of two laboratory tests in the control of anticoagulant therapy. Pearce SJ, et al. **J Clin Pathol** 26:73-6, Jan 73

The partial thromboplastin (cephalin) time test. Poller L, et al. **J Clin Pathol** 25:1038-44, Dec 72

Intravascular coagulation and E. coli septicaemia. Preston FE, et al. **J Clin Pathol** 26:120-5, Feb 73

Heparin resistance in relation to hyperlipidemia and hypercoagulability in atherosclerotic diabetics and non-diabetics. Higazi AM, et al. **J Egypt Med Assoc** 55:577-94, 1972

Immunoephelometric determination of fibrinogen and its derivatives in plasma. Farrell GW, et al. **J Immunol Methods** 1:217-29, May 72

Dental "bleeding time". Murphy E, et al. **J Ir Dent Assoc** 19:103-7, May-Jun 73

Acquired circulating anticoagulants. Fleming A, et al. **J Kans Med Soc** 78:483-5 passim, Nov 72

Crossover electrophoresis (electrosyneresis) visualization of the abnormal factor X (factor X Friuli). Girolami A, et al. **J Lab Clin Med** 80:740-7, Nov 72

The activation of coagulation by extracts of mucus: a possible pathway of intravascular coagulation accompanying adenocarcinomas. Pineo GF, et al. **J Lab Clin Med** 82:255-66, Aug 73

Studies on the product of the reaction between activated Hageman factor (factor XII) and plasma thromboplastin antecedent (factor XI). Ratnoff OD. **J Lab Clin Med** 80:704-10, Nov 72

The determination of factor X in tissue homogenates. Evidence for the inactivation of Russell's viper venom by tissue homogenates in the presence of plasma. Woolf IL, et al. **J Lab Clin Med** 81:77-84, Jan 73

Christmas disease in one of a pair of monozygotic twin girls, possibly the effect of lyonization. Révész T, et al. **J Med Genet** 9:396-400, Dec 72

Disseminated intravascular coagulation associated with massive brain injury. Keimowitz RM, et al. **J Neurosurg** 39:178-80, Aug 73

Intracranial hemorrhage in patients with hemophilia. Seeler RA, et al. **J Neurosurg** 39:181-5, Aug 73

Monitoring antifibrinolytic therapy in subarachnoid hemorrhage. Smith RR, et al. **J Neurosurg** 38:339-44, Mar 73

The coagulation and fibrinolytic properties of peritoneal and venous blood in patients with ruptured ectopic pregnancy. Carty MJ, et al. **J Obstet Gynaecol Br Commonw** 80:701-3, Aug 73

Pregnancy and homocystinuria. Ritchie JW, et al. **J Obstet Gynaecol Br Commonw** 80:664-9, Jul 73

Effect of dydrogesterone (Duphaston) on haemostasis and liver function. Vermylen J, et al. **J Obstet Gynaecol Br Commonw** 80:75-81, Jan 73

A new approach to the surgical management of patients with von Willebrand's disease. Westwood RM, et al. **J Oral Surg** 31:483-6, Jun 73

Liver function and histology in various species of animal treated with non-lethal doses of aflatoxin B1. Bassir O, et al. **J Pathol** 108:85-90, Sep 72

Meningococcal purpura: report of 19 patients treated with heparin. Gérard P, et al. **J Pediatr** 82:780-6, May 73

Circulating fibrin in meningococcemia. Kisker CT, et al. **J Pediatr** 82:787-91, May 73

Cross circulation between children in hepatic coma and chimpanzees. Clinical, biochemical, and coagulation observations. MacDonell RC Jr, et al. **J Pediatr** 82:591-7, Apr 73

Comsumptive coagulopathy with renal vein thrombosis. Renfield ML, et al. **J Pediatr** 82:1054-6, Jun 73

Heparin therapy in the hemolytic-uremic syndrome. Vitacco M, et al. **J Pediatr** 83:271-5, Aug 73

An approach to acquired coagulation problems in the neonatal surgical patient. Asch MJ, et al. **J Pediatr Surg** 8:227-34, Apr 73

An improved in vivo procedure for standardization of heparin preparations. Kuo SH, et al. **J Pharm Pharmacol** 24:858-68, Nov 72

Hypofibrinogenemic states in obstetrics. Sise HS. **J Reprod Med** 10:115-7, Mar 73

Disseminated intravascular coagulation following extracorporeal circulation. Boyd AD, et al. **J Thorac Cardiovasc Surg** 64:685-93, Nov 72

Transfusion of fresh autologous blood in open-heart surgery. A method for reducing bank blood requirements. Hallowell P, et al. **J Thorac Cardiovasc Surg** 64:941-8, Dec 72

Platelet response and coagulation changes following massive blood replacement. Lim RC Jr, et al. **J Trauma** 13:577-82, Jul 73

Disseminated intravascular coagulation in burned patients. McManus WF, et al. **J Trauma** 13:416-22, May 73

Amniotic fluid embolism and disseminated intravascular coagulation after blunt abdominal trauma. Olcott C 4th, et al. **J Trauma** 13:737-40, Aug 73

Autotransfusion: perspective and critical problems. Rakower SR, et al. **J Trauma** 13:573-4, Jun 73

Hypertonic saline-induced abortion. Correlation of fetal death with disseminated intravascular coagulation. Glueck HI, et al. **JAMA** 225:28-31, 2 Jul 73

Intravenously given conjugated estrogens. Lack of effect of capillary stability. Zacharski LR, et al. **JAMA** 224:1519-20, 11 Jun 73

Changes of blood cells at high altitude (II). Katsumoto K. **Jap Circ J** 36:1329-33, Dec 72

Transfusion studies in von Willebrand's disease. Takahama T. **Kumamoto Med J** 25:122-6, 31 Dec 72

Warfarin resistance and vitamin K requirement in the rat. Greaves JH, et al. **Lab Anim** 7:141-8, May 73

Baseline blood determinations of the Taiwan macaque (Macaca cyclopis). Taylor JF, et al. **Lab Anim Sci** 23:582-7, Aug 73

Low-molecular-weight factor VIII. Bloom AL, et al. **Lancet** 1:661-2, 24 Mar 73

Hepatic damage and death from overdose of paracetamol. Clark R, et al. **Lancet** 1:66-70, 13 Jan 73

Influence of dietary fat on platelet function in men. Hornstra G, et al. **Lancet** 1:1155-7, 26 May 73

Influence of dietary fat on platelet function in men. Hornstra G, et al. **Lancet** 813:1155-7, 23 May 73

The Mielke bleeding-time. Inwood MJ, et al. **Lancet** 1:326, 10 Feb 73

Thrombotic thrombocytopenic purpura presenting with gynaecological manifestations. Mitch WE, et al. **Lancet** 1:849-50, 21 Apr 73

Thrombotic thrombocytopenic purpura presenting with gynaecological manifestations. Mitch WE, et al. **Lancet** 808:849-50, 21 Apr 73

The bleeding-time. O'Brien JR. **Lancet** 2:653, 23 Sep 72

Stressed template bleeding-time and other platelet-function tests in myocardial infarction. O'Brien JR, et al. **Lancet** 1:694-6, 31 Mar 73

Bleeding-time. Quick AJ. **Lancet** 2:871, 21 Oct 72

Intracranial haemorrhage in low-birth-weight infants and prophylactic administration of coagulation-factor concentrate. Waltl H, et al. **Lancet** 1:1284-6, 9 Jun 73

Thrombin-time test. Wessler S, et al. **Lancet** 2:877-8, 21 Oct 72

The plasma half lives and the pharmacological effect of the enantiomers of warfarin in rats. Breckenridge A, et al. **Life Sci [II]** 11:337-45, 8 Apr 72

Activation of fibrinolysis by a lymphogenic activator in the rat. Hilgard P, et al. **Lymphology** 5:152-5, Dec 72

Proteolytic activity of leukemic cells--a new

differential diagnostic method in acute leukemia. Kirchmayer S, et al. **Mater Med Pol** 3:7-9, Jan-Mar 71

Assay of platelet factor 4 in plasma. Fuster V, et al. **Mayo Clin Proc** 48:103-6, Feb 73

Diagnosis of hemorrhagic disorders. Nemerson Y. **Med Clin North Am** 57:531-41, Mar 73 (30 ref.)

Hemophilia. Schick PK. **Med Clin North Am** 57:1095-106, Jul 73 (52 ref.)

Bleeding disorders due to abnormal platelet function. Weiss HJ. **Med Clin North Am** 37:517-30, Mar 73 (58 ref.)

The coagulation defect after envenomation by the bite of the dugite (Demansia nuchalis affinis), a Western Australian brown snake. Herrmann RP, et al. **Med J Aust** 2:183-6, 22 Jul 72

Abnormal bleeding after prostatectomy: illustrative cases and review of management. O'Sullivan EF, et al. **Med J Aust** 2:1165-9, 18 Nov 72

Bleeding after snakebite. **Med J Aust** 1:322-3, 17 Feb 73

The partial thromboplastin time test: distinction between inhibitor and clotting-factor deficiency. Knights SF, et al. **Med Lab Technol** 30:43-7, Jan 73

The mechanisms of venous thrombosis. Anticoagulants, aspirin, and heparin. O'Brien JR. **Mod Concepts Cardiovasc Dis** 42:11-5, Mar 73 (14 ref.)

Detection of the carrier state for classic hemophilia. Bennett B, et al. **N Engl J Med** 288:342-5, 15 Feb 73

Effect of age on post-heparin lipase. Brodows RG, et al. **N Engl J Med** 287:969-70, 9 Nov 72

Small subcutaneous doses of heparin in prevention of venous thrombosis. Gallus AS, et al. **N Engl J Med** 288:545-51, 15 Mar 73

Two genetic variants of von Willebrand's disease. Holmberg L, et al. **N Engl J Med** 288:595-8, 22 Mar 73

"Per cent prothrombin activity" unacceptable. Soloway HB. **N Engl J Med** 288:688, 29 Mar 73

Standardized methods for heparin therapy. Soloway HB. **N Engl J Med** 289:429-30, 23 Aug 73

Platelet function in recipients of platelets from donors ingesting aspirin. Stuart MJ, et al. **N Engl J Med** 287:1105-9, 30 Nov 72

Detection of heterozygotes for recessive von Willebrand's disease by the assay of antihemophilic-factor-like antigen. Veltkamp JJ, et al. **N Engl J Med** 289:882-5, 25 Oct 73

Systemic heparinization for femoral percutaneous coronary arteriography. Walker WJ, et al. **N Engl J Med** 288:826-8, 19 Apr 73

Atypical prothrombins induced by dicoumarol. Malhotra OP. **Nature [New Biol]** 239:59-60, 13 Sep 72

The nature of the heterogeneity of prothrombin during dicoumarol therapy. Morrison SA, et al. **Nature [New Biol]** 242:92-4, 21 Mar 73

Acute leukemia in pregnancy. Ewing PA, et al. **Obstet Gynecol** 42:245-51, Aug 73

Induction of mid-trimester abortion with intrauterine alcohol. Gomel V, et al. **Obstet Gynecol** 41:455-8, Mar 73

Maternal death due to DIC after saline abortion. Lemkin SR, et al. **Obstet Gynecol** 42:233-5, Aug 73

Defibrination in saline abortion. Schwartz R, et al. **Obstet Gynecol** 40:728-37, Nov 72

Thrombotic predisposition associated with oral contraceptives. Zuck TF, et al. **Obstet Gynecol** 41:427-35, Mar 73

Platelet disorders. Gilchrist GS. **Pediatr Clin North Am** 19:1047-60, Nov 72

Acquired coagulation disorders in children. McMillan CW, et al. **Pediatr Clin North Am** 19:1029-45, Nov 72

Diagnosis and treatment of inherited bleeding disorders. Strauss HS. **Pediatr Clin North Am** 19:1009-28, Nov 72 (79 ref.)

Disseminated intravascular coagulation and fetal hydrops in a newborn infant in association with a chorangioma of placenta. Jones CE, et al. **Pediatrics** 50:901-7, Dec 72

Enhancement of the antihemostatic effect of acetylsalicylic acid by ring iodination. Mende TJ. **Pharmacology** 7:249-54, 1972

Effects of various hemostyptic drugs in rats. Koehnlein HE. **Plast Reconstr Surg** 50:462-6, Nov 72

Liver efficiency of patients treated with extracorporeal perfusion because of coma complicating viral hepatitis. Biochemical and coagulological studies. Kassur B, et al. **Pol Med J** 11:786-92, 1972

Laboratory approach to platelet disorders. Davey FR. **Postgrad Med** 54:109-12 passim, Aug 73

Sudden sensorial neural deafness. Work-up and management. Jaffe BF. **Postgrad Med** 54:95-100, Jul 73

Blood coagulation and platelet function in red-haired men. Reid C, et al. **Practitioner** 210:811-2, Jun 73

A 1973 look at hemophilia and von Willebrand's disease. Ratnoff OD. **Proc Inst Med Chic** 29:296-304, May-Jun 73 (44 ref.)

The procoagulant activity of granulocytes. Saba HI, et al. **Proc Soc Exp Biol Med** 142:614-20, Feb 73

Acquired inhibitors of blood coagulation. Feinstein DI, et al. **Prog Hemostasis Thromb** 1:75-95, 1972 (95 ref.)

The interaction of blood hemostitic elements with aritificial surfaces. Mason RG. **Prog Hemostasis Thromb** 1:141-64, 1972 (166 ref.)

Uremic bleeding. Rabiner SF. **Prog Hemostasis Thromb** 1:233-50, 1972 (39 ref.)

Congenital deficiency of factor VII. First two cases reported in Venezuela. Guevara I, et al. **Rev Bras Pesqui Med Biol** 5:101-6, 1972 (Eng. Abstr.) (Pol)

Coagulation abnormalities in acute liver failure; pathogenetic and therapeutic implications. Clark R, et al. **Scand J Gastroenterol [Suppl]** 19:63-70, 1973

The relevance of blood clotting tests in chronic aggressive hepatitis. Coccheri S, et al. **Scand J Gastroenterol [Suppl]** 19:97-101, 1973

Heparin therapy in the case of acute liver cirrhosis. Fischer M, et al. **Scand J Gastroenterol [Suppl]** 19:135-8, 1973

Study on the correlation between Normotest, Quick's method, and specific coagulation factors in liver disease. Hadchouel P, et al. **Scand J Gastroenterol [Suppl]** 19:151-4, 1973

Significance and practicability of Normotest in diagnosis of chronic liver diseases. Henning H, et al. **Scand J Gastroenterol [Suppl]** 19:119-23, 1973

Statistical evaluation of Normotest in a longitudinal study of hepatitis. Hentschel E, et al. **Scand J Gastroenterol [Suppl]** 19:139-41, 1973

Significance of intravascular coagulation and fibrinolysis in acute hepatic failure. Hillenbrand P, et al. **Scand J Gastroenterol [Suppl]** 19:133-4, 1973

Use of Normotest and Thrombotest, coagulation tests in hepatocellular disease. Hillenbrand P, et al. **Scand J Gastroenterol [Suppl]** 19:125-31, 1973

Theory and experience behind the use of coagulation tests in diagnosis and prognosis of liver disease. Koller F. **Scand J Gastroenterol [Suppl]** 19:51-61, 1973

Value of Normotest and antithrombin 3 in the assessment of liver function. Mannucci L, et al. **Scand J Gastroenterol [Suppl]** 19:103-7, 1973

Coagulation factors as indicators of protein synthesis in chronic liver disease. Ritland S, et al. **Scand J Gastroenterol [Suppl]** 19:113-7, 1973

Normotest in acute viral hepatitis. Schmidt W, et al. **Scand J Gastroenterol [Suppl]** 19:143-50, 1973

Biochemical tests in evaluation of liver function. Skrede S, et al. **Scand J Gastroenterol [Suppl]** 19:37-46, 1973

The diagnostic value of coagulation studies in chronic liver disease. Veltkamp JJ, et al. **Scand J Gastroenterol [Suppl]** 19:93-5, 1973

Degradation of fibrinogen in vitro. Demonstration of several antigenic intermediates by specific anti-D and anti-E serum. Gormsen J, et al. **Scand J Haematol** 9:577-86, 1972

Abnormal platelet-collagen reaction in Ehlers-Danlos syndrome. Karaca M, et al. **Scand J Haematol** 9:465-9, 1972

Fibrinaemia and multiple thrombi in pancreatic carcinoma. A case studied with quantitative N-terminal analysis. Kierulf P, et al. **Scand J Haematol** 9:370-6, 1972

Discrepancy between thrombotest and normotest--an indicator of disseminated intravascular coagulation (DIC)? Slaastad RA, et al. **Scand J Haematol** 9:411-6, 1972

Discrepancy between normotest and thrombotest during thromboplastin induced intravascular coagulation in rabbits. Slaastad RA, et al. **Scand J Haematol** 9:403-10, 1972

Dysfibrinogenaemia associated with primary hepatoma. Verhaeghe R, et al. **Scand J Haematol** 9:451-8, 1972

Low thrombotest values in active thrombosis. Ro JS, et al. **Scand J Thorac Cardiovasc Surg** 6:269-73, 1972

The blood coagulation and fibrinolytic enzyme systems in healthy adult Africans and Europeans--a comparative study. Barr RD, et al. **Scott Med J** 18:93-7, May 73

Factor VIII inhibitor: acquired haemostatic defect in a

nonhaemophiliac patient with rheumatoid arthritis. Payne RW, et al. **Scott Med J** 17:310-3, Sep 72

Studies on fibrinolytic activity in patients with Plasmodium falcipalum malaria. Areekul S, et al. **Southeast Asian J Trop Med Public Health** 3:198-204, Jun 72

Coagulation and fibrinolysis in simian Plasmodium knowlesi malaria. Sucharit P, et al. **Southeast Asian J Trop Med Public Health** 4:15-8, Mar 73

Effect of para-aminomethylbenzoic acid on the post-irradiation disturbance of haemocoagulation in dogs after whole-body exposure to 600 R. Pospíšil J, et al. **Strahlentherapie** 144:728-36, Dec 72

Evidence for abnormalities in clotting and thrombolysis as a risk factor for stroke. Pilgeram LO, et al. **Stroke** 4:843-57, Jul-Aug 73

Stroke and blood coagulation. Todd M, et al. **Stroke** 4:400-5, May-Jun 73

Heparin induced thrombocytopenia with thrombotic and hemorrhagic manifestations. Rhodes GR, et al. **Surg Gynecol Obstet** 136:409-16, Mar 73

Extensive surgical procedures in patients with hemophilia A. Rudowski WJ, et al. **Surg Gynecol Obstet** 135:571-6, Oct 72

Fibrinolysis and circulating malignant cells. Salsbury AJ, et al. **Surg Gynecol Obstet** 136:733-6, May 73

Surface thrombogenicity of arterial prostheses. Yates SG 2d, et al. **Surg Gynecol Obstet** 136:12-6, Jan 73

Stroma-free hemoglobin. I. Preparation and observations on in vitro changes in coagulation. Moss GS, et al. **Surgery** 74:198-203, Aug 73

Arteriovenous fistula and false aneurysm as the cause of consumption coagulopathy. Rhodes GR, et al. **Surgery** 73:535-40, Apr 73

Coagulation investigations in patients bleeding after tooth extraction. Martel A. **Sven Tandlak Tidskr** 64:795-800, Nov 71

Developments in transient hemorrhagic disorders. Rowe AJ, et al. **Tex Med** 69:72-8, Feb 73 (78 ref.)

Influence of factor VII on the assay of factor VIII by the one stage method using wettable surface. Altman R, et al. **Thromb Diath Haemorrh** 28:457-63, 31 Dec 72

A quantitative two-stage assay for factor IX (Christmas factor) using plasma from dogs with Christmas disease. Aronson DL, et al. **Thromb Diath Haemorrh** 27:529-34, 31 Jul 72

Differing procoagulant activities in the extracted lipids of high and low density pltelet plasma membranes. Barber AJ, et al. **Thromb Diath Haemorrh** 28:206-12, 31 Oct 72

Coagulation studies in a case of severe congenital hypofibrinogenemia. Barbu T, et al. **Thromb Diath Haemorrh** 28:129-34, 31 Aug 72

Coagulation changes induced by endotoxin and purified contact activation product. Barth P, et al. **Thromb Diath Haemorrh** 28:280-8, 31 Oct 72

Anticoagulant factors from Viperidae venoms. Platelet phospholipid inhibitors. Boffa MC, et al. **Thromb Diath Haemorrh** 28:509-23, 31 Dec 72

Plasma fibrinolytic activity associated with flurothyl induced convulsion. Cooper RG, et al. **Thromb Diath Haemorrh** 28:376-82, 31 Dec 72

Effect of plasma and platelet concentrate infusions on factor VIII, platelet adhesiveness, and bleeding time in bleeder swine. Cornell CN, et al. **Thromb Diath Haemorrh** 28:431-9, 31 Dec 72

On the early detection of intravascular coagulation. An experimental study. Fedder G, et al. **Thromb Diath Haemorrh** 27:365-76, 31 Jul 72

Cold promoted activation of factor VII. I. Evidence for the existence of an activator. Gjonnaess H. **Thromb Diath Haemorrh** 28:155-68, 31 Oct 72

Cold promoted activation of factor VII. II. Identification of the activator. Gjonnaess H. **Thromb Diath Haemorrh** 28:169-81, 31 Oct 72

Cold promoted activation of factor VII. IV. Relation to the coagulation system. Gjonnaess H. **Thromb Diath Haemorrh** 28:194-205, 31 Oct 72

Parallel determinations of FDP and fibrin monomers with various methods. Hedner U, et al. **Thromb Diath Haemorrh** 28:268-79, 31 Oct 72

Observations on factor X activity after adsorption to barium sulphate. Howell RM, et al. **Thromb Diath Haemorrh** 28:306-16, 31 Oct 72

Ethanol gelation and protamine sulfate tests. Comparison and criticque. Jacobsen CD, et al. **Thromb Diath Haemorrh** 29:130-4, 28 Feb 73

Comparison of ethanol and protamine tests in demonstration of soluble fibrin and early products of fibrin degradation. Konttinen YP, et al. **Thromb Diath Haemorrh** 28:342-50, 31 Dec 72

Blood coagulation and fibrinolysis in a random sample of 788 men 54 years old. I. Correlations between the variables of clotting and fibrinolysis. Korsan-Bengtsen K, et al. **Thromb Diath Haemorrh** 28:89-98, 31 Aug 72

Bleeding tendency with platelet dysfunction and albinism. A case report. Murakami M, et al. **Thromb Diath Haemorrh** 27:461-71, 31 Jul 72

The treatment of patients having spontaneously occurring antibodies to antihaemophilic factor (factor VIII). Rizza CR, et al. **Thromb Diath Haemorrh** 28:120-8, 31 Aug 72

Fibrinogen Troyes--fibrinogen Metz. Two new cases of congenital dysfibrinogenemia. Soria J, et al. **Thromb Diath Haemorrh** 27:619-33, 31 Jul 72

Complement and coagulation. Serum beta-1c-beta-1a in disseminated intravascular coagulation. Tomar RH, et al. **Thromb Diath Haemorrh** 27:389-95, 31 Jul 72

Clinically mild thrombasthenia with normal platelet coagulant activities. Walsh PN, et al. **Thromb Diath Haemorrh** 28:440-6, 31 Dec 72

A case of thrombasthenia with a study of platelet aggregation by hydrogen peroxide (H 2 O 2). Higashi O, et al. **Tohoku J Exp Med** 106:399-409, Apr 72

Exotic snakebite in an urban setting: heparin therapy of disseminated intravascular coagulation in a patient bitten by a saw-scaled viper (Echis carinatus). Christy NP, et al. **Trans Am Clin Climatol Assoc** 84:37-48, 1973

Effects of microemboli blood filtration during hemodialysis. Bischel MD, et al. **Trans Am Soc Artif Intern Organs** 19:492-7, 1973

Gas transfer and thrombogenesis in an annular membrane oxygenator with active blood mixing. Gaylor JD, et al. **Trans Am Soc Artif Intern Organs** 19:516-24, 1973

Non-thrombogenic surface inhibiting platelet adherence. Nishizawa EE, et al. **Trans Am Soc Artif Intern Organs** 19:13-8, 1973

Studies of platelet concentrates stored at 22 C nad 4 C. Becker GA, et al. **Transfusion** 13:61-8, Mar 73

Paradoxical bleeding in intensively transfused hemophilics: alteration of platelet function. Hathaway WE, et al. **Transfusion** 13:6-12, Jan-Feb 73

The platelet in the obliterate vascular rejection phenomenon. Burrows L, et al. **Transplant Proc** 5:157-60, Mar 73

Disturbances of coagulation mechanism in protein-calorie malnutrition. Hassanein EA, et al. **Trop Geogr Med** 25:158-62, Jun 73

Development of large-scale fractionation methods. 3. Preparation of a factor VIII concentrate of intermediate-purity. James HL, et al. **Vox Sang** 23:402-12, 1972

A therapeutic concentrate of coagulation factors II, IX and X from citrated, factor VIII-depleted plasma. Middleton SM, et al. **Vox Sang** 24:441-56, May 73

Preservation of coagulation factors V and VIII during collection and subsequent storage of bank blood in ACD-A and CPD solutions. Weisert O, et al. **Vox Sang** 24:126-33, Feb 73

Inherited blood clotting disorders. Report of a WHO scientific group. **WHO Tech Rep Ser** 504:1-48, 1972

[Recent advances in hemocoagulation] Pstružinová H. **Cas Lek Cesk** 112:705-9, 1973 (Eng. Abstr.) **(Cze)**

[Coagulation findings in paroxysmal nocturnal hemoglobinuria. (Preliminary report)] Farská I, et al. **Vnitr Lek** 19:151-5, Feb 73 (Eng. Abstr.) **(Cze)**

[Influence of environmental factors on blood coagulation] Capel-Boute C. **Acta Otorhinolaryngol Belg** 27:83-102, 1973 (Eng. Abstr.) **(Fre)**

[Clinical trial of a new synthetic anticoagulant: LD 4610] Acar J. **Ann Cardiol Angeiol (Paris)** 21:393-5, Jul-Sep 72 **(Fre)**

[1st results in thrombolitic treatment with urokinase in myocardial infarct and premonitory syndromes] Brochier M, et al. **Ann Cardiol Angeiol (Paris)** 22:211-22, May-Jun 73 (Eng. Abstr.) **(Fre)**

[Platelet aggregation increase. An unexpected result in fibrinolytic therapy] Griguer P. **Ann Cardiol Angeiol (Paris)** 22:223-30, May-Jun 73 **(Fre)**

[Control of continuous heparinization by active coagulation time (ACT). Application to prolonged extracorporeal circulation] Leval M de, et al. **Ann Chir Thorac Cardiovasc** 11:287-90, Sep 72 (Eng. Abstr.) **(Fre)**

[Acute poisoning with arsenic derivatives; (apropos of 4 personal cases); hemostasis disorders; ultramicroscopic study of the liver and kidney] Fréjaville JP, et al.
Ann Med Interne (Paris) 123:713-22, Aug-Sep 72 (Eng. Abstr.) **(Fre)**

[Hemorrhagic syndrome due to isolated Stuart factor deficiency during Kahler's disease with amylosis] Pieron R, et al.
Ann Med Interne (Paris) 123:765-70, Aug-Sep 72 **(Fre)**

[Effect of calcium dobesilate on capillary resistance and permeability and on bleeding time and platelet adhesiveness modified by dextran] Thomas J, et al.
Ann Pharm Fr 30:415-27, Jun 72 (Eng. Abstr.) **(Fre)**

[Structural anomaly of Metz fibrinogen, localized on the (A) chain of the molecule] Soria J, et al.
Biochimie 54:415-7, 1972 (Eng. Abstr.) **(Fre)**

[Current aspects of anticoagulant treatment] Boisseau M, et al.
Bord Med 5:2079-91, Oct 72 (Eng. Abstr.) **(Fre)**

[Changes in physicochemical properties of blood biopolymers in a hyperbaric atmosphere] Charmasson R, et al.
C R Acad Sci [D] (Paris) 275:1637-40, 9 Oct 72 **(Fre)**

[Identification and separation of different factors of the venom of Vipera aspis active in hemostasis] Boffa MC, et al. **C R Soc Biol (Paris)** 165:2287-93, 1971 **(Fre)**

[Defibrinating effect in dogs of FTH 50 (thrombinomimetic fraction of reptilase)] Follana R, et al. **C R Soc Biol (Paris)** 166:1341-5, 1972 **(Fre)**

[Coagulolytic function and pathology] Raby C.
Cah Anesthesiol 20:485-90 passim, Jul-Sep 72 **(Fre)**

[Role of adrenaline in fibrinolysis activation following shock] Dosne AM.
J Physiol (Paris) 65:Suppl 1:115A, 1972 **(Fre)**

[Continuous peridural anesthesia in the reduction of per- and postoperative hemorrhage of prostatic adenomectomy, apropos of 159 cases (January 1970-March 1971)] Bollack C, et al.
J Urol Nephrol (Paris) 78:480-6, Jun 72 **(Fre)**

[Anticoagulants in prostatic surgery] Caissel J.
J Urol Nephrol (Paris) 79:67-70, Jan-Feb 73 (Eng. Abstr.) **(Fre)**

[Nephrotic syndrome and acquired deficiency of Stuart factor revealing the presence of amylosis and myeloma] Cordonnier D, et al.
J Urol Nephrol (Paris) 78:760-4, Sep 72 **(Fre)**

[Blood coagulation disorders in patients with chronic renal insufficiency] Follana R, et al.
J Urol Nephrol (Paris) 78:1004-7, Dec 72 **(Fre)**

[Our attitude in the prevention of venous thrombosis in urinary surgery] Lhez A, et al.
J Urol Nephrol (Paris) 79:120-3, Jan-Feb 73 **(Fre)**

[The use of acenocoumarol in obstetrical gynecology] Crepin G. **Lille Med** 16:Suppl 1:230-3, Jan 71 **(Fre)**

[Disseminated intravascular coagulation during acute pancreatitis in a cirrhotic] Vermesse G, et al.
Lille Med 17:987-97, Aug-Sep 72 **(Fre)**

[Primary hemostasis] Dechavanne M, et al.
Lyon Med 19:Suppl:100-2, Apr 72 **(Fre)**

[Acquired blood coagulation disorders] Favre-Gilly J.
Lyon Med 19:Suppl:133-42, Apr 72 **(Fre)**

[Congenital blood coagulation disorders] Favre-Gilly J.
Lyon Med 19:Suppl:119-31, Apr 72 **(Fre)**

[Gardner and Diamond's purpura. Apropos of a case discovered in a young Moroccan girl] Baumes RM.
Maroc Med 52:746-7, Dec 72 **(Fre)**

[Study of platelet aggregation in the immediate postoperative period] Levy G, et al.
Mars Med 109:537-40, 1972 **(Fre)**

[Fibrinolytic activity found in intracranial tumors] Koos W, et al.
Neurochirurgie 17:549-57, Dec 71 (Eng. Abstr.) **(Fre)**

[Dissecting aneurysm of the aorta causing consumption coagulopathy] Fendler JP, et al.
Nouv Presse Med 2:971-4, 14 Apr 73 (Eng. Abstr.) **(Fre)**

[Fibrinogen. Hereditary hypo--and dysfibrinogenemia] Gajdos A.
Nouv Presse Med 2:1067-71, Apr 73 (30 ref.) **(Fre)**

[Major hepatectomy in man. Metabolic consequences] Huguet C, et al.
Nouv Presse Med 2:761-5, Mar 72 (Eng. Abstr.) **(Fre)**

[Is the clotting time still useful?] Lacassie F.
Nouv Presse Med 2:413-4, 17 Feb 73 **(Fre)**

[Determination of antistreptokinases (ASK) by a micromethod] Philippon A, et al.
Nouv Presse Med 2:383-4, 10 Feb 73 **(Fre)**

[A case of Moschcowitz syndrome associated with a Rickettsia mooseri infection] Cornu G, et al.
Nouv Rev Fr Hematol 12:903-6, Nov-Dec 72 **(Fre)**

[Serum lipids and coagulation tests in coronary diseases] Chaudhuri S.
Pathol Biol (Paris) 20:881-6, Nov 72 (Eng. Abstr.) **(Fre)**

[Synovial inflammation and coagulation factors. II. Biological study of synovial fluid in serogically positive rheumatoid arthritis] Soria C, et al.
Pathol Biol (Paris) 20:695-701, Sep 72 **(Fre)**

[Syndromes of congenital and familial disfibrinogenemia. Apropos of 2 additional families] Aguercif M, et al.
Pediatrie 27:317-23, Apr-Mar 72 **(Fre)**

[Does a fetal fibrinogen exist? Statistical study of fibrin formation in a population of premature, term and postmature newborn infants] Aguercif M, et al.
Pediatrie 28:381-99, Jun 73 **(Fre)**

[Anticoagulants in old age] Sprung O.
Phlebologie 26:61-4, Jan-Mar 73 **(Fre)**

[Thromboembolic disease in surgery. Current aspects of its detection and preventive treatment. 1] Toulemonde F.
Phlebologie 25:205-18, Apr-Jun 72 (Eng. Abstr.) **(Fre)**

[Principles, limits, and modalities of application of classical anticoagulants] Vergoz D.
Phlebologie 26:105-7, Jan-Mar 73 **(Fre)**

[Remarks on the use of Ca heparinate by subcutaneous route in anticoagulant therapy] Vivien P.
Phlebologie 26:15-21, Jan-Mar 73 (Eng. Abstr.) **(Fre)**

[Blood coagulation disorders of a toxic (alcoholism, drugs, poisoning) or iatrogenic (anticoagulants) nature] Minssart F.
Rev Belge Med Dent 27:185-94, Mar 72 **(Fre)**

[Attempt at explanation of the mechanism of labor. I. Coagulation system and fibrinolysis during physiological labor] Konopka P, et al.
Rev Fr Gynecol Obstet 68:1-6, Jan 73 (Eng. Abstr.) **(Fre)**

[Platelet function disorders and ischemic cerebral accidents. Therapeutic prospects] Géraud J, et al.
Rev Neurol (Paris) 126:31-40, Jan 72 (Eng. Abstr.) **(Fre)**

[Blood transfusion accidents] Salmon C.
Rev Prat 22:1505-6 passim, 21 Mar 72 **(Fre)**

[Acquired dysfibrinogenemia and hepatic disorders. Apropos of 30 cases] Aiach M, et al.
Sem Hop Paris 49:183-97, 14 Jan 73 (Eng. Abstr.) **(Fre)**

[Acute disseminated intravascular coagulation in an obstetrical unit. Study of 9 cases. Diagnostic criteria. Therapeutic management] Cornu P, et al.
Sem Hop Paris 49:1419-28, 26 Apr 73 (Eng. Abstr.) **(Fre)**

[Prostate cancer and disseminated intravascular blood coagulation] Durand H, et al.
Sem Hop Paris 49:199-208, 14 Jan 73 (Eng. Abstr.) **(Fre)**

[Prevention of thromboembolic complications in orthopedic surgery with anti-inflammatory therapy. Apropos of 126 cases] Castaing J, et al.
Therapeutique 48:453-6, Sep-Oct 72 **(Fre)**

[Effects of various contraceptive hormones on blood coagulation] Lorrain J, et al.
Union Med Can 101:2426-31, Nov 72 **(Fre)**

[Experimental studies on the problem of local Shwartzman phenomenon in the skin. V. Observations on the significance of blood coagulation disorders during provocation of the phenomenon in an endotoxin-free guinea pig model] Illig L, et al.
Arch Dermatol Forsch 246:11-26, 29 Jan 73 (Eng. Abstr.) **(Ger)**

[Compatibility tests of N-propylajmalinium hydrogentartrate in animal experiments] Philipsborn G von, et al.
Arzneim Forsch 22:2085-90, Dec 72 (Eng. Abstr.) **(Ger)**

[Therapy of an experimentally induced radiation syndrome in the rat using brain phospholipids and an antifibrinolytic agent (AMCHA)] Spreafico PL, et al.
Arzneim Forsch 23:441-4, Mar 73 (Eng. Abstr.) **(Ger)**

[Fibrin polymerization inhibition by ferritin] Bungert HJ. **Blut** 27:20-5, Jul 73 (Eng. Abstr.) **(Ger)**

[Blood coagulation tests using capillary blood. I. Quick thromboplastin time and partial thromboplastin time] Göbel U, et al.
Blut 26:312-20, May 73 (Eng. Abstr.) **(Ger)**

[Blood coagulation studies using capillary blood. II. Thrombin time and fibrinogen] Pothmann R, et al.
Blut 26:380-7, Jun 73 (Eng. Abstr.) **(Ger)**

[Effect of acetylsalicylic acid tolerance on bleeding time and thrombocytic function in tumor patients]

Rieche K, et al.
Dtsch Gesundheitsw 27:2467-70, 28 Dec 72 (Eng. Abstr.) (Ger)

[Monitoring of heparin therapy in thromboembolism] Hiller E.
Dtsch Med Wochenschr 98:1367-70, Jul 73 (Eng. Abstr.) (Ger)

[Factor XII deficiency in two brothers] Müller G, et al.
Dtsch Med Wochenschr 98:267-9, 9 Feb 73 (Eng. Abstr.) (Ger)

[Determination of adhesiveness and disposition to aggregation of blood platelets. Clinical value for detection of a disposition to thrombosis] Poliwoda H.
Dtsch Med Wochenschr 98:164-7, 26 Jan 73 (Ger)

[Analysis of gastric hemorrhage in 150 patients] Thies HA, et al.
Dtsch Med Wochenschr 98:703-8, 11 May 73 (Eng. Abstr.) (Ger)

[Molecular-biology findings on various blood clotting factors] Fiedler H.
Folia Haematol (Leipz) 98:121-39, 1972 (121 ref.) (Eng. Abstr.) (Ger)

[Normal values of leukocytes, basophilic granulocytes and antithrombin activities in blood donors] Frick G, et al.
Folia Haematol (Leipz) 99:87-97, 1973 (Eng. Abstr.) (Ger)

[Comparison of the blood clotting system in man, rabbit, dog, and swine] Kaše F.
Folia Haematol (Leipz) 97:302-7, 1972 (Eng. Abstr.) (Ger)

[Effect of prothrombin and fibrinogen antisera on the clotting system of bovine blood] Kotschy M.
Folia Haematol (Leipz) 98:426-36, 1972 (Ger)

[Trasylol as inhibitor of the thromboplastic effect of amniotic fluid and placental extracts] Slunsky R.
Folia Haematol (Leipz) 98:338-45, 1972 (Eng. Abstr.) (Ger)

[Studies on thrombocyte function in children with connatal heart failures] Weinmann G, et al.
Folia Haematol (Leipz) 98:303-12, 1972 (Eng. Abstr.) (Ger)

[Dynamics of changes in the fibrinolytic plasma activity following pain] Zwiener U, et al.
Folia Haematol (Leipz) 98:322-9, 1972 (Eng. Abstr.) (Ger)

[Effect of pain stimuli on the postoperative fibrinolytic and coagulation activity, and in conditions of elevated immunological defense] Zwiener U, et al.
Folia Haematol (Leipz) 98:330-7, 1972 (Eng. Abstr.) (Ger)

[Coagulation, microcirculation and acute radiation reactions of the skin. Comparative study of skin reaction using conventional radiotherapy of breast carcinoma in combination with preventive marcumar-induced coagulation inhibition] Haas R, et al.
Fortschr Geb Roentgenstr Nuklearmed Suppl:53-5, 1972 (Ger)

[Preparation and after care in endoscopic examinations] Zeus J.
Fortschr Med 91:809-11, 5 Jul 73 (Ger)

[Consumption coagulopathy: a clinical, diagnostical, therapeutic and pathogenetic consideration] Zenner O, et al.
Hautarzt 24:139-45, Apr 73 (Eng. Abstr.) (Ger)

[Problems of dosage and side-effects of anticoagulants and fibrinolytics (internal medicine, surgery)] Goossens N.
Int J Clin Pharmacol 6:188-95, Jun 72 (Ger)

[Vitamin A overdosage. II. Cytological and biochemical changes in blood from high doses of vitamin A with and without alpha-tocopherol treatment] Soliman MK.
Int J Vitam Nutr Res 42:576-82, 1972 (Eng. Abstr.) (Ger)

[Efficiency and limits of laboratory diagnosis of diffuse intravascular blood coagulation processes] Heene DL, et al. **Internist (Berlin)** 14:154-9, Apr 73 (Ger)

[Reptilase time in relation to fetal fibrinogen] Krause W, et al.
Klin Wochenschr 51:94-5, 15 Jan 73 (Eng. Abstr.) (Ger)

[Postoperative thromboembolic complications] Encke A.
Langenbecks Arch Chir 332:767-74, 1972 (Eng. Abstr.) (Ger)

[Anticoagulant prevention in surgical and conservative treatment of chronic pelvic and leg artery occlusions] Bruhn HD, et al.
Med Klin 67:1514-9, 17 Nov 72 (Eng. Abstr.) (Ger)

[Diagnosis and therapy of blood coagulation disorders in obstetrics and gynecology] Felder KD.
Med Klin 67:1220-6, 22 Sep 72 (Ger)

[Efficient liver function test] Kühn HA.
Med Klin 68:539-44, 27 Apr 73 (Ger)

[Blood coagulation disorders in liver diseases] Meyer-Burg J. **Med Klin** 68:187-91, 9 Feb 73 (Ger)

[Von-Willebrand-Jürgens syndrome] Winckelmann G.
Med Klin 68:37-42, 12 Jan 73 (Ger)

[Coagulation studies in hemorrhagic diatheses] Deutsch E. **Med Lab (Stuttg)** 26:43-7, Feb 73 (Ger)

[Blood coagulation tests in hemorrhagic diathesis] Deutsch E. **Med Lab (Stuttg)** 26:2-9 contd, Jan 73 (Ger)

[Laboratory supervision of anticoagulant therapy] Fischer M. **Med Lab (Stuttg)** 26:105-10, May 73 (Ger)

[Antihemophilic cryoprecipitate (AHCP). Processing technic, testing, and clinical adminstration] Glabbner K, et al. **Med Monatsschr** 27:230-2, May 73 (Ger)

[Disseminated intravascular coagulation as a hemorrhagic complication in surgery] Glassner K, et al. **Med Monatsschr** 26:233-5, May 72 (Ger)

[Activity of a circulating anticoagulant in lupus erythematosus visceralis disseminatus] Bahre G, et al.
Med Welt 23:1821-3, 25 Nov 72 (Ger)

[Dependence of euglobulinolysis time from the plasma platelet content] Bruhn HD.
Med Welt 23:1691, 11 Nov 72 (Ger)

[Reliability of simple examination methods for the measurement of fibrin stabilization and factor XIII activity] Popat D, et al.
Med Welt 23:1387-9, 30 Sep 72 (Ger)

[Clinical utilization of a new blood coagulation test] Sutor AH, et al. **Med Welt** 23:1692-6, 11 Nov 72 (Ger)

[Parietal thromboplastin time, thromboplastin time fibrinogen, thrombin time and thrombocyte count in healthy and sick newborn infants] Göbel U, et al.
Monatsschr Kinderheilkd 120:484-8, Dec 72 (Eng. Abstr.) (Ger)

[Influence of single and repeated hemodialises on the blood coagulation status] Albert FW, et al.
Munch Med Wochenschr 114:1917-21, 3 Nov 72 (Eng. Abstr.) (Ger)

[Blood coagulation disorders in a chronic eosinophilic leukemia] Zöller H.
Munch Med Wochenschr 115:1036-8, 1 Jun 73 (Eng. Abstr.) (Ger)

[Fibrinolyte therapy of septicemic shock in infancy and childhood] Mitterstieler G, et al.
Paediatr Paedol 8:225-31, 1973 (Eng. Abstr.) (Ger)

[Thrombotest in sick premature infants] Waiti H, et al.
Paediatr Paedol 8:284-90, 1973 (Eng. Abstr.) (Ger)

[Bleeding time-coagulation time: an anachronism?] Beck EA. **Praxis** 61:1049-50, 15 Aug 72 (Ger)

[Comparative angiographic and scintigraphic studies in experimental parenchymatous and obstructive jaundice] Beduhn D, et al.
Radiologe 13:11-25, Jan 73 (Ger)

[Percutaneous transhepatic cholangiography] Wenz W.
Radiologe 13:41-6, Jan 73 (Ger)

[Quality control in the hematologic laboratory] Bucher HJ.
Schweiz Med Wochenschr 102:1857-66, 23 Dec 72 (Eng. Abstr.) (Ger)

[Acquired isolated factor X deficiency in generalized amyloidosis] Wick A, et al.
Schweiz Med Wochenschr 102:1760-6, 2 Dec 72 (Eng. Abstr.) (Ger)

[Fatal adrenal hemorrhage during anticoagulant therapy] Sulmoni A, et al.
Urologie [A] 12:71-3, Mar 73 (Eng. Abstr.) (Ger)

[Salicylic acid derivatives used as anticoagulants] Bruhn HD.
Verh Dtsch Ges Inn Med 77:1035-7, 1971 (Ger)

[Hemorrhagic diathesis in primary amyloidosis] Hey D, et al. **Verh Dtsch Ges Inn Med** 78:713-7, 1972 (Ger)

[Diagnosis of the consumption coagulopathy] Fischer M.
Wien Klin Wochenschr 85:319-23, 4 May 73 (Eng. Abstr.) (Ger)

[Application of new methods for studies in the area of blood coagulation. 3. Gel diffusion test for quantitative determination of total antithrombin capacity of plasma] Doleschel W.
Wien Med Wochenschr 122:601-6, 14 Oct 72 (Ger)

[Use of new methods for studies of blood coagulation. II. Clot-sedimentation-technic for the determination of antithrombin I effect of fibrin] Dolesobel W.
Wien Med Wochenschr 122:585-90, 7 Oct 72 (Ger)

[Value of coagulation studies in the course of acute

hepatitis] Hentschel E, et al.
Wien Med Wochenschr 122:500-4, 2 Sep 72 **(Ger)**

[Influence of gestation on the blood coagulation system and diagnosis of possible disorders] Günter M, et al.
Z Aerztl Fortbild (Jena) 67:209-15, 1 Mar 73 (37 ref.) **(Ger)**

[Inhibition of the thromboplastic effect of placental extracts using trasylol] Slunsky R.
Z Geburtshilfe Perinatol 176:201-6, Jun 72 (Eng. Abstr.) **(Ger)**

[Long-term therapy and care with anticoagulants] Linke H, et al.
Z Gesamte Inn Med 28:33-5 concl, 1 Feb 73 (Eng. Abstr.) **(Ger)**

[Long-term therapy and monitoring in anticoagulant therapy] Linke H, et al.
Z Gesamte Inn Med 28:31-2 contd, 15 Jan 73 (Eng. Abstr.) **(Ger)**

[Long-term therapy with anticoagulants] Remde W.
Z Gesamte Inn Med 28:23-7, 15 Jan 73 (Eng. Abstr.) **(Ger)**

[Behavior of the progessive antithrombin during long-term anticoagulant therapy (Vitamin K antagonists)] Scheel H, et al.
Z Gesamte Inn Med 28:38-41 passim, 1 Feb 73 (Eng. Abstr.) **(Ger)**

[Results of fibrinolysis determination using a micromethod] Frick U, et al.
Z Med Labortech 14:46-9, 1973 (Eng. Abstr.) **(Ger)**

[Intravesical use of antifibrinolytic agents following prostate surgery] Boeminghaus F.
Z Urol Nephrol 65:771-4, Oct 72 **(Ger)**

[Coagulation disorders in surgery. (Emergency diagnosis--Emergency therapy)] Preusser KP, et al.
Zentralbl Chir 97:1521-34, 28 Oct 72 **(Ger)**

[Blood coagulation and acid-base equilibrium in relation to fundus oculi findings in the newborn infant] Junge WD, et al.
Zentralbl Gynaekol 94:1265-71, 30 Sep 72 **(Ger)**

[Diagnostics and therapy of hemolytic-hemorrhagic transfusion incidents] Brüster H.
Zentralbl Neurochir 33:63-8, 1972 (Eng. Abstr.) **(Ger)**

[Waldenström's macroglobulinemia and liver cirrhosis in the same patient] Backhausz R, et al.
Orv Hetil 113:2773-5, 12 Nov 72 **(Hun)**

[Effect of 4-phenyl-3-isocoumarinic acid and some of its derivatives on blood coagulation] Arrigo Reina R, et al. **Farmaco [Sci]** 28:478-84, Jun 73 (Eng. Abstr.) **(Ita)**

[Euglobulinic fibrinolysis and hematic fibrinogen in simple obesity] Girolami A, et al.
Folia Endocrinol (Roma) 25:502-15, Dec 72 (Eng. Abstr.) **(Ita)**

[Idiopathic recurrent thrombopenias. Clinico-hematological study] Cacciola E, et al.
Haematologica (Pavia) 58:203-9, 1973 (Eng. Abstr.) **(Ita)**

[Fundamental aspects of the physiopathology of the polytraumatized person] Piat G.
Minerva Chir 28:164-78, 15 Jan 73 **(Ita)**

[Antifibrinolytic and antihemorrhagic activity of trans-aminomethyl cyclohexane carboxylic acid (AMCHA). Clinical experience] Avanzi G.
Minerva Med 63:4758-66, 5 Dec 72 (Eng. Abstr.) **(Ita)**

[Effect of a heparinoid extract on the blood lipids and basal thrombodensitogram] Ferri F, et al.
Minerva Med 64:272-7, 27 Jan 73 (Eng. Abstr.) **(Ita)**

[3 cases of defibrination syndrome in infants] Violante N, et al.
Minerva Pediatr 25:161-5, 11 Feb 73 (Eng. Abstr.) **(Ita)**

[Evolution of etiopathogenetic knowledge of hemophilia syndromes] Morrone G.
Pediatria (Napoli) 80:170-85, 1972 (80 ref.) **(Ita)**

[The study of hemostasis in the diagnosis of liver diseases] De Nicola P.
Quad Sclavo Diagn 7:1269-75, Dec 71 (Eng. Abstr.) **(Ita)**

[Variations of the blood phenomenon in traumatized animals] Paolucci G.
Riv Med Aeronaut Spaz 35:73-83, Jan-Jun 72 (Eng. Abstr.) **(Ita)**

[Assay methods and significance of fibrin-fibrinogen degradation products in blood] Shinada S.
Acta Haematol Jap 35:607-16, Oct 72 (Eng. Abstr.) **(Jap)**

[Effect of Ethrane anesthesia on blood coagulation-fibrinolysis system] Takiguchi M, et al.
Jap J Anesthesiol 21:1333-7, Dec 72 (Eng. Abstr.) **(Jap)**

[Changes of parameters of coagulation and fibrinolysis in disseminated intravascular coagulation] Aoki N.
Jap J Clin Hematol 14:29-34, Jan 73 (Eng. Abstr.) **(Jap)**

[Hashimoto's disease with purpura hyperglobulinemica of Waldenström] Doobeta T, et al.
Jap J Clin Hematol 13:966-75, Dec 72 (Eng. Abstr.) **(Jap)**

[Effects of hydroxyethyl starch on blood coagulation and fibrinolysis. II. In vivo studies] Matsuda T, et al.
Jap J Clin Hematol 13:934-8, Dec 72 (Eng. Abstr.) **(Jap)**

[A case of thrombotic thrombocytopenic purpura] Yamazaki Y, et al.
Jap J Clin Hematol 14:81-7, Jan 73 (Eng. Abstr.) **(Jap)**

[Detection of fibrinogen and fibrin degradation products (FDP) and its clinical significance] Fujimaki M, et al.
Jap J Clin Med 31:798-804, Apr 73 (45 ref.) **(Jap)**

[Keypoints in clinical tests for hemorrhagic and thrombotic tendencies] Yasunaga K.
Jap J Clin Med 31:783-97, Apr 73 (20 ref.) **(Jap)**

[Fibrinogen determination by thrombin time method] Hashimoto S. **Jap J Clin Pathol** 21:615-20, Jul 73 **(Jap)**

[Studies of platelet factor-3 by the kaolin clotting time and thromboplastin generation time] Oki H, et al.
Jap J Clin Pathol 21:621-6, Jul 73 **(Jap)**

[Simple routine method for fibrinogen determination] Arnesen H, et al.
Tidsskr Nor Laegeforen 92:1526-7, 30 Aug 72 (Eng. Abstr.) **(Nor)**

[Diagnosis and treatment of disseminated intravascular coagulation (DIC)] Godal HC, et al.
Tidsskr Nor Laegeforen 92:1528-30, 30 Aug 72 (Eng. Abstr.) **(Nor)**

[Usefulness of a modified thrombin generation test in the diagnosis of chronometric hypercoagulability] Zawilska K, et al.
Acta Haematol Pol 3:155-60, Apr-Jun 72 (Eng. Abstr.) **(Pol)**

[Protamine and ethanol tests in pregnancy and puerperium] Uszyńska-Folejewska R, et al.
Ginekol Pol 44:135-9, Feb 73 (Eng. Abstr.) **(Pol)**

[Test with protamine sulfate in fibrinolytic treatment of myocardial infarct] Kocot E, et al.
Pol Arch Med Wewn 50:285-8, Mar 73 (Eng. Abstr.) **(Pol)**

[Advances in nephrology. Goodpasture's syndrome] Siciński A.
Pol Arch Med Wewn 49:499-505, Nov 72 **(Pol)**

[Effect of Polfa dextran-40 on blood clotting system in thrombelastographic and laboratory studies] Badowski A, et al.
Pol Przegl Chir 45:445-52, Apr 73 (Eng. Abstr.) **(Pol)**

[Fibrinolytic activity of plasma euglobulins in patients after trauma of central nervous system] Cencora A, et al. **Przegl Lek** 30:298-302, 1973 (Eng. Abstr.) **(Pol)**

[Paracoagulative reactions in experimental syndrome of intravascular coagulation] Zawilska K, et al.
Przegl Lek 29:624-8, 1972 (Eng. Abstr.) **(Pol)**

[Schedule for diagnostic-therapeutic management of hemorrhagic diathesis] Sulek K.
Wiad Lek 26:417-22, 1 Mar 73 (20 ref.) **(Pol)**

[Value of various complementary examinations in Sydenham's chorea] Diament AJ.
Arq Neuropsiquiatr 30:187-214, Sep 72 (Eng. Abstr.) **(Por)**

[Conduct and general norms for the prevention of hemorrhage in surgical patients] Sá ML de.
Rev Bras Odontol 29:327-30, Nov-Dec 72 (Eng. Abstr.) **(Por)**

[Effect of splenectomy on thrombocytopenia] Juvara I, et al.
Chirurgia (Bucur) 20:1057-74, Dec 71 (Eng. Abstr.) **(Rum)**

[Studies of fibrinolytic activity and disseminated intravascular coagulation in chronic hepatitis and liver cirrhosis] Kleinstein I, et al.
Rev Med Chir Soc Med Nat Iasi 76:311-8, Apr-Jun 72 (Eng. Abstr.) **(Rum)**

[Study of the coagulolytic system in chronic cor pulmonale. I. The disseminated intravascular coagulation syndrome] Tacu V, et al.
Rev Med Chir Soc Med Nat Iasi 76:905-12, Oct-Dec 72 (Eng. Abstr.) **(Rum)**

[Changes in blood coagulation in chronic cor pulmonale] Păunescu-Podeanu A, et al.
Stud Cercet Med Interna 13:243-9, 1972 (Eng. Abstr.) **(Rum)**

[Partial thromboplastin time activated with kaolin (PTTTK), a sensitive test of total plasmatic coagulability] Poppa C, et al.
Stud Cercet Med Interna 13:489-93, 1972 (Eng. Abstr.) **(Rum)**

[Changes in biochemical indices in parturients with thrombophlebitis of the deep veins of the lower extremities] Mareev EV, et al.
Akush Ginekol (Mosk) 49:61-3, Feb 73 (Rus)

[Circadiam rhythm of fluctuations in indices of human blood coagulating and anticoagulating systems] Zaslavskaia RM, et al.
Fiziol Zh SSSR 59:95-8, Jan 73 (Eng. Abstr.) (Rus)

[Coagulopathic syndrome in vibration disease] Demin AA, et al. **Gig Tr Prof Zabol** 16:53-5, Nov 72 (Rus)

[Effect of hypotiazide and aldactone on the blood coagulation and anticoagulation systems] Gaianova MN. **Kardiologiia** 13:114-7, May 73 (Rus)

[Use of various blood coagulation indices as supplementary criteria for the activity of the rheumatic process] Gurevich VM.
Kardiologiia 12:122-4, Oct 72 (Rus)

[Blood fibrinolytic system in patients with ischemic heart disease] Liusov VA, et al.
Kardiologiia 13:12-6, 1973 (Eng. Abstr.) (Rus)

[Coagulability of arterial and venous blood from healthy persons and from those with rheumatic heart defects] Savel'eva TV.
Kardiologiia 13:121-3, May 73 (Rus)

[Use of homologous blood, preserved in liquid nitrogen (-196 degrees C) in acute gastroduodenal bleeding] Bratus' VD, et al. **Klin Khir** 4:1-3, Apr 73 (Rus)

[Blood lipids and hemocoagulation indices in persons employed in the sugar industry] Panchenko VM, et al.
Klin Med (Mosk) 50:128-33, Nov 72 (Eng. Abstr.) (Rus)

[Hemocoagulation in pancreatic cancer patients and its alteration as a result of preoperative preparation] Zhukovskaia ES, et al.
Klin Med (Mosk) 50:66-9, Nov 72 (Eng. Abstr.) (Rus)

[Evaluation of blood fibrinolytic activity] Avdeeva NA.
Lab Delo 11:668-9, 1972 (Rus)

[Method of determining total antithrombin activity, antithrombins II, 3 and IV] Babich VP, et al.
Lab Delo 8:467-70, 1972 (Rus)

[Autocoagulation test indices in the presence of changes in blood fibrinolytic activity] Barkagan LZ.
Lab Delo 11:665-8, 1972 (Rus)

[Microcoagulogram of cardiovascular patients] Efremenko AM. **Lab Delo** 8:465-7, 1972 (Rus)

[Comparative study of dried and freshly obtained rabbit plasma in the staphylococcal plasma coagulating reaction] Petrushina LI.
Lab Delo 8:506-7, 1972 (Rus)

[Evaluation of the basic methods of studying primary hemostasis and the dynamic function of blood platelets (review of the literature)] Shitikova AS.
Lab Delo 11:648-56, 1972 (100 ref.) (Rus)

[Technic of the thromboplastin formation test] Shmushko RIa. **Lab Delo** 7:444-5, 1972 (Rus)

[The frequency of diagnosing thrombosis according to the signs of absolute hypocoagulemia] Smolianitskii AIa, et al. **Lab Delo** 11:670-2, 1972 (Rus)

[The feasibility of using a coagulograph for determining recalcification time and blood tolerance to heparin] Stal'kov EA, et al.
Lab Delo 9:521-2, 1972 (Rus)

[Role of the hypothalamo-hypophyseal system in the regulation of the transcortin level in rat plasma] Rozen VB, et al.
Probl Endokrinol (Mosk) 19:58-63, Mar-Apr 73 (Eng. Abstr.) (Rus)

[Coagulation and anticoagulation systems of blood in viral hepatitis during pregnancy] Arakelov RA.
Ter Arkh 44:65-8, Oct 72 (Rus)

[The effect of lysozyme, ribonuclease and cytochrome C on the activation of one of the blood coagulation factors--the Hageman factor--by adrenaline] Zubairov DM, et al.
Ukr Biokhim Zh 45:86-90, 1973 (Eng. Abstr.) (Rus)

[The clinical picture and diagnosis of acute obstruction of the mesenteric arteries] Davydov IuA.
Vestn Khir 108:58-63, Oct 72 (Eng. Abstr.) (Rus)

[Determining blood coagulation fractions (review of Soviet and foreign literature)] Golovin GV, et al.
Vestn Khir 110:138-42, Apr 73 (42 ref.) (Rus)

[Hemocoagulation and fibrinolytic properties of the gastric wall involved in ulcerous and cancerous processes] Kal'chenko II, et al.
Vestn Khir 110:3-8, Apr 73 (Eng. Abstr.) (Rus)

[Hemorrhages following tonsillectomy and their relation to certain coagulogram indices] Timoshenskiĭ VI, et al.
Vestn Otorinolaringol 34:44-7, Sep-Oct 72 (Eng. Abstr.) (Rus)

[Determination of the pathogenicity of the staphylococci isolated from milk] Arkhangel'skii II, et al. **Veterinariia** 1:105, Jan 72 (Rus)

[Disorders in the blood coagulation postphase (clot retraction) in malignant tumors] Zhardetskii AS, et al. **Vopr Onkol** 19:77, 1973 (Rus)

[The state of vascular permeability in patients with different forms of leukemia] Sivachenko TP, et al.
Vrach Delo 9:34-7, Sep 72 (Eng. Abstr.) (Rus)

[Somatic changes in neuroses] Gubachev IuM, et al.
Zh Nevropatol Psikhiatr 73:721-5, 1973 (Eng. Abstr.) (Rus)

[Evaluation of the changes in the blood coagulation system in the dynamics of treating ischemic insult with anticoagulants] Lobkova TN.
Zh Nevropatol Psikhiatr 73:845-51, 1973 (Eng. Abstr.) (Rus)

[Paracoagulation tests in the diagnosis of the disseminated intravascular coagulation syndrome] Torres A, et al.
Sangre (Barc) 18:69-79, 1973 (Eng. Abstr.) (Spa)

[Management of upper gastrointestinal bleeding. 5. Coagulopathy and gastrointestinal hemorrhage] Blombäck M, et al.
Lakartidningen 69:4952-6, 18 Oct 72 (Eng. Abstr.) (Swe)

[Dicumarol treatment] Stölten C.
Tidskr Sver Sjukskot 40:44-5, 22 Feb 73 (Swe)

[State of the blood coagulation and anticoagulation systems in gallbladder and biliary tract diseases in children] Chebotareva VD, et al.
Pediatr Akush Ginekol 6:21-2, 1972 (Ukr)

ADVERSE EFFECTS

The Mielke bleeding-time. Inwood MJ, et al.
Lancet 1:326, 10 Feb 73

INSTRUMENTATION

A new automatic device for the standardized Ivy bleeding time. Praga C, et al.
Adv Exp Med Biol 34:271-9, 1972

Simultaneous use of multiple fibrometers for coagulation factor and heparin assays. Abildgaard CF, et al. **Am J Clin Pathol** 58:272-4, Sep 72

A precise, continuous recording clot timer based on a thermometric detection system. Bostick WD, et al.
Am J Clin Pathol 60:330-6, Sep 73

Statistical correlation and heparin sensitivity of activated partial thromboplastin time, whole blood coagulation time, and an automated coagulation time. Schriever HG, et al. **Am J Clin Pathol** 60:323-9, Sep 73

Reactions of blood with nonbiologic surfaces. Ultrastructural and clotting studies with normal and coagulation factor deficient bloods. Mason RG, et al.
Am J Pathol 69:271-88, Nov 72

Blood clotting time and clotting strength measured by a hemotensiometer. Altshuler TL, et al.
IEEE Trans Biomed Eng 20:152-4, Mar 73

Coagulometers. Sharp AA. **J Clin Pathol** 25:1011, Nov 72

Activated coagulation time as screening test. Hattersley PG. **JAMA** 222:583-4, 30 Oct 72

[Study of blood platelet aggregation by means of the filtration pressure method] Larcan A, et al.
Agressologie 13:207-12, 1972 (Eng. Abstr.) (Fre)

[Efficiency and limits of fibrinolytic system function tests] Loo J van de.
Internist (Berlin) 14:170-4, Apr 73 (Ger)

[Measurement of platelet adhesiveness using a modified form of the Hellem II method with special reference to Von Willebrand-Jürgens syndrome] Niessner H.
Thromb Diath Haemorrh 27:434-51, 31 Jul 72 (Eng. Abstr.) (Ger)

[The feasibility of using a coagulograph for determining recalcification time and blood tolerance to heparin] Stal'kov EA, et al.
Lab Delo 9:521-2, 1972 (Rus)

[Instrumental coagulography] Rybakov VK, et al.
Ter Arkh 44:63-7, Sep 72 (Eng. Abstr.) (Rus)

STANDARDS

Standardzed bleeding time in the study of drugs interfering with platelet function. Praga C, et al.
Adv Exp Med Biol 34:149-58, 1972

Statistical correlation and heparin sensitivity of activated partial thromboplastin time, whole blood coagulation time, and an automated coagulation time. Schriever HG, et al. **Am J Clin Pathol** 60:323-9, Sep 73

The partial thromboplastin (cephalin) time test. Poller L, et al. **J Clin Pathol** 25:1038-44, Dec 72
The activated partial thromboplastin time. Chin JL. **N Engl J Med** 288:1410, 28 Jun 73
Progress in the control of oral anticoagulation. Loeliger EA. **Thromb Diath Haemorrh** 28:109-19, 31 Aug 72
[Efficiency and limits of platelet function tests in the diagnosis of hemorrhagic diathesis] Linker H, et al. **Internist (Berlin)** 14:143-8, Apr 73 (Ger)
[Efficiency and limits of blood coagulation tests] Róka L. **Internist (Berlin)** 14:149-53, Apr 73 (Ger)
[Standardization of anticoagulant control: the British system] Poller L. **Sangre (Barc)** 17:277-82, 1972 (Spa)

VETERINARY

Biochemical and hematologic values in male Holstein-Friesian calves. Vaugher JP, et al. **Am J Vet Res** 34:273-7, Feb 73
Congenital afibrinogenemia in goats. Breukink HJ, et al. **Zentralbl Veterinaermed** [A] 19:661-76, Sep 72
[Comparison of coagulation tests in man and 4 animal species (rabbit, dog, cow and pig)] Kaše F. **Vet Med (Praha)** 17:495-500, Aug 72 (Eng. Abstr.) (Cze)
[Methodical study on the determination of Stypven coagulation time in dog plasma] Schaewen H von. **Berl Munch Tieraerztl Wochenschr** 86:32-4, 15 Jan 73 (Eng. Abstr.) (Ger)
[Determination of primary bleeding time in the dog] Sedlacek HH, et al. **Z Versuchstierkd** 15:10-9, 1973 (Eng. Abstr.) (Ger)

BLOOD PLATELET DISORDERS

Anerythraemic Di Guglielmo syndrome. Report of a case. Petersen HS. **Acta Med Scand** 193:363-4, Apr 73
Family studies in systemic lupus erythematosus. I. A proband material from central eastern Norway. Larsen RA. **Acta Med Scand [Suppl]** 543:11-9, 1972
Plasma protein requirements for human platelet aggregation. Bang NU, et al. **Ann NY Acad Sci** 201:280-99, 27 Oct 72
Chronic intravascular coagulation in metastatic prostate cancer. Samaha RJ, et al. **Arch Surg** 106:295-8, Mar 73
Coagulation problems. Czapek EE. **Int Anesthesiol Clin** 11:175-201, Summer 73 (66 ref.)
Platelet disorders. Gilchrist GS. **Pediatr Clin North Am** 19:1047-60, Nov 72
Molecular aspects of the mammalian cell surface. Mehrishi JN. **Prog Biophys Mol Biol** 25:1-70, 1972 (360 ref.)
On the early detection of intravascular coagulation. An experimental study. Fedder G, et al. **Thromb Diath Haemorrh** 27:365-76, 31 Jul 72
[Essential hemorrhagic thrombocythemia] Kužma J, et al. **Vnitr Lek** 18:899-904, Sep 72 (Eng. Abstr.) (Cze)
[Pathophysiology of thrombocytes in shock] Remmele W, et al. **Klin Wochenschr** 51:3-9, Jan 73 (109 ref.) (Ger)
[Blood platelet diseases] Winckelmann G. **Med Klin** 68:31-6, 12 Jan 73 (56 ref.) (Ger)
[Thrombopenic syndromes and platelet disorders in childhood. Conclusions] Ferlazzo A. **Minerva Pediatr** 24:1431-3, 15 Sep 72 (Ita)
[Clinical forms and therapy of thrombopenic syndromes] Ricca M, et al. **Minerva Pediatr** 24:1404-30, 15 Sep 72 (Ita)
[Blood platelet disorders in newborn infants] Santangelo G, et al. **Minerva Pediatr** 24:1300-29, 8 Sep 72 (Ita)
[Biochemical, physiopathological and clinical aspects of platelet adhesiveness] Gandolfo GM. **Recent Prog Med (Roma)** 52:596-630, Jun 72 (Ita)
[Hemorrhage and thrombosis. Discussion] Murakami M, et al. **Jap J Clin Med** 31:844-53, Apr 73 (Jap)
[Metabolism of blood platelets: biochemical aspects of its release reaction] Kuramoto A. **Jap J Clin Pathol** 21:11-23, Jan 73 (73 ref.) (Jap)
[Disorders of hemostasis in polycythemia vera] Poppa C, et al. **Stud Cercet Med Interna** 13:375-83, 1972 (Eng. Abstr.) (Rum)
[The role of the vasothromboeytic system in the hemorrhagic syndrome in children with epidemic hepatitis] Kroshkina LM. **Vopr Okhr Materin Det** 17:17-21, Oct 72 (Eng. Abstr.) (Rus)

BLOOD

Platelet factor 3--properties and clinical significance. De Gaetano G, et al. **Adv Exp Med Biol** 34:159-72, 1972
Vascular hemostasis: a review. Stevens DJ. **Am J Med Technol** 39:252-7, Jun 73 (50 ref.)
Freeze-etch observations on the plasma membrane and other structures of normal and abnormal platelets. Reddick RL, et al. **Am J Pathol** 70:473-88, Mar 73
Exocytosis of secretory organelles from blood platelets incubated with cationic polypeptides. White JG. **Am J Pathol** 69:41-54, Oct 72
Thromboasthenia. Morse EE, et al. **Ann Clin Lab Sci** 2:432-9, Nov-Dec 72
Biochemical and clinical aspects of megathrombocytes. Karpatkin S. **Ann NY Acad Sci** 201:262-79, 27 Oct 72
Abnormalities in platelet function due to defects in the release reaction. Weiss HJ. **Ann NY Acad Sci** 201:161-73, 27 Oct 72
Studies of the procoagulant and fibrinolytic activity of promyelocytes in acute promyelocytic leukaemia. Grainick HR, et al. **Br J Haematol** 24:89-99, Jan 73
A study of platelet function in primary thrombopathy. Kasturi J, et al. **Indian J Med Res** 60:567-75, Apr 72
Platelet neutral mucoprotein and plasma fibrinogen. Morelli AC, et al. **Medicina (B Aires)** 32:573-87, Nov-Dec 72
Plasma fibrinogen bindings in hyperthrombosis. Morelli AC, et al. **Medicina (B Aires)** 32:561-72, Nov-Dec 72
Glanzmann's thrombasthenia and reduced glutathione. Beutler E. **N Engl J Med** 287:1094-5, 23 Nov 72
Deficiency of glutathione peroxidase associated with high levels of reduced glutathione in glanzmann's thrombasthenia. Karpatkin S, et al. **N Engl J Med** 287:1062-6, 23 Nov 72
Interaction between platelets and von Willebrand factor provides a new scheme for primary haemostasis. Caen JP, et al. **Nature [New Biol]** 244:159-60, 1 Aug 73
Uremic bleeding. Rabiner SF. **Prog Hemostasis Thromb** 1:233-50, 1972 (39 ref.)
A case of thrombasthenia with a study of platelet aggregation by hydrogen peroxide (H 2 O 2). Higashi O, et al. **Tohoku J Exp Med** 106:399-409, Apr 72
[Abnormalities of platelet aggregation during essential thrombocythemia. Effect of aspirin on erythromelalgia] Boneu B, et al. **Nouv Presse Med** 1:2383-8, 14 Oct 72 (Eng. Abstr.) (Fre)
[Determination of platelet adhesiveness by the modified Hellem II method] Nakazawa S, et al. **Jap J Clin Pathol** 20:561-4, Aug 72 (Jap)
[Blood platelet disorders in thrombocytopenia] Nawrocka-Kańska B, et al. **Folia Med Cracov** 15:127-30, 1973 (Pol)
[Thrombocytopoietic indices in hemorrhagic vasculitis in children] Zubova VA, et al. **Pediatr Akush Ginekol** 6:22-3, 1972 (Ukr)

CHEMICALLY INDUCED

Current concepts in the treatment of chronic myelocytic leukemia. Sokal JE. **Annu Rev Med** 24:281-8, 1973 (24 ref.)
Chemotherapy of lymphoma with mechlorethamine and vinblastine. Solomon J, et al. **Arch Intern Med** 131:407-17, Mar 73
Early hematological abnormalities associated with chloramphenicol therapy. Beck EA, et al. **Helv Med Acta** 36:295-306, 1972
Angiographic resolution of a neonatal intracranial cavernous hemangioma coincident with steroid therapy. Case report. Prensky AL, et al. **J Neurosurg** 39:99-103, Jul 73
Heparin therapy in the hemolytic-uremic syndrome. Vitacco M, et al. **J Pediatr** 83:271-5, Aug 73
Bleeding disorders due to abnormal platelet function. Weiss HJ. **Med Clin North Am** 37:517-30, Mar 73 (58 ref.)
Adverse hematologic effects of drugs. Pochedly C, et al. **Pediatr Clin North Am** 19:1095-111, Nov 72 (76 ref.)
Platelet factor 4 in platelet disorders--storage location and the requirement of endogenous ADP for its release. Weiss HJ, et al. **Proc Soc Exp Biol Med** 142:30-5, Jan 73
Hematologic aspects oa alcoholism. Straus DJ. **Semin Hematol** 10:183-94, Jul 73 (85 ref.)
[Immunologic blood diseases] Vuopio P. **Duodecim** 89:205-17, 1973 (Fin)

[Blood platelet diseases] Winckelmann G.
Med Klin 68:31-6, 12 Jan 73 (56 ref.) (Ger)
[Influencing of hematopoiesis by drugs] Baudach A.
Z Aerztl Fortbild (Jena) 66:857-9, 1 Jul 72 (Ger)
[Therapy of rheumatoid arthritis with immunocytotoxic drugs] Gigante D.
Minerva Med 64:2412-7, 20 Jun 73 (Ita)
[Effect of long-term administration of azathriopine to healthy dogs] Filipowicz Z.
Pol Arch Med Wewn 49:239-48, Sep 72 (Eng. Abstr.) (Pol)

CLASSIFICATION

Qualitative platelet disorders: classification and pathogenesis. Ulutin ON.
Ann NY Acad Sci 201:174-93, 27 Oct 72
The thrombopathic syndrome. Ulutin ON.
Rev Bras Pesqui Med Biol 6:83-91, Jan-Apr 73
[Classification of hemorrhagic syndromes] Revol L.
Lyon Med 19:Suppl:113-6, Apr 72 (Fre)
[Thrombopenias] Dioguardi N.
Minerva Med 63:4983-96, 19 Dec 72 (Ita)
[Clinical forms and therapy of thrombopenic syndromes] Ricca M, et al.
Minerva Pediatr 24:1404-30, 15 Sep 72 (Ita)
[Congenital thrombopathies] Outeiriño Hernanz J, et al. **Rev Clin Esp** 128:93-100, 31 Jan 73 (35 ref.) (Spa)

COMPLICATIONS

Metabolic disorders of platelets. Hellem AJ.
Adv Intern Med 17:171-87, 1971 (69 ref.)
The diagnosis of von Willebrand's disease. Bowie EJ, et al. **Ann Clin Lab Sci** 1:85-91, Jul-Aug 71 (39 ref.)
Circulating anticoagulants against factors IX and XI in systemic lupus erythematosus. Castro O, et al.
Ann Intern Med 77:543-8, Oct 72
Platelet-function studies in the Bernard-Soulier syndrome. Bithell TC, et al.
Ann NY Acad Sci 201:145-60, 27 Oct 72
The platelet defect associated with albumism. Hardisty RM, et al. **Br J Haematol** 23:679-92, Dec 72
Recognizing and reacting to recurrent pulmonary embolism. Genton E. **Geriatrics** 28:84-8, Mar 73
Ophthalmologic, biochemical, platelet, and ultrastructural defects in the various types of oculocutaneous albinism. Witkop CJ Jr, et al.
J Invest Dermatol 60:443-56, Jun 73
Platelet dysfunction: an important factor in massive bleeding from stress ulcer. Atik M, et al.
J Trauma 12:834-42, Oct 72
Blood coagulation and platelet abnormalities in cyanotic congenital heart-disease. Goldschmidt B.
Lancet 1:607, 17 Mar 73
Bleeding disorders due to abnormal platelet function. Weiss HJ.
Med Clin North Am 37:517-30, Mar 73 (58 ref.)
Hematologic effects of cardiac disease. Maurer HM.
Pediatr Clin North Am 19:1083-93, Nov 72 (50 ref.)
New aspects of the pathogenesis of thrombo-embolism. Nilsson IM, et al. **Prog Surg** 11:46-68, 1973 (89 ref.)
Leuco-erythroblastic anaemia in prostatic cancer. Report of two cases with complete haematological remission. Eriksson S, et al.
Scand J Haematol 9:648-53, 1972
Paroxysmal nocturnal haemoglobinuria. Dacie JV.
Sci Basis Med 288-306, 1972 (47 ref.)
Bleeding tendency with platelet dysfunction and albinism. A case report. Murakami M, et al.
Thromb Diath Haemorrh 27:461-71, 31 Jul 72
The role of platelets in pathogenesis of diabetic retinopathy. Dobbie JG, et al.
Trans Am Acad Ophthalmol Otolaryngol 77:op43-7, Jan-Feb 73
[Ultrastructural and functional characteristics of blood platelets in blastic leukemia] Dobréva A, et al.
Folia Haematol (Leipz) 99:65-75, 1973 (Eng. Abstr.) (Fre)
[Thrombocythemia associated with fibrinolysis and unusual neurologic manifestations] Popovic K, et al.
Lyon Med 228:275-7, 8 Oct 72 (Fre)
[Abnormalities of platelet aggregation during essential thrombocythemia. Effect of aspirin on erythromelalgia] Boneu B, et al.
Nouv Presse Med 1:2383-8, 14 Oct 72 (Eng. Abstr.) (Fre)
[Platelet function disorders and ischemic cerebral accidents. Therapeutic prospects] Géraud J, et al.
Rev Neurol (Paris) 126:31-40, Jan 72 (Eng. Abstr.) (Fre)
[Blood platelet diseases] Winckelmann G.
Med Klin 68:31-6, 12 Jan 73 (56 ref.) (Ger)
[Uremic thrombopathy] László E.
Orv Hetil 114:1616-8, 8 Jul 73 (Hun)
[Hemorrhagic syndrome due to defective platelet aggregation in chronic lymphatic leukemia of the splenomegalic variety] Cacciola E, et al.
Haematologica (Pavia) 58:190-5, 1973 (Eng. Abstr.) (Ita)
[Severe thrombocytopenia in infectious mononucleosis] Wetterhus S.
Tidsskr Nor Laegeforen 92:2257-8, 30 Nov 72 (Eng. Abstr.) (Nor)
[Case of factor XII deficiency with prolonged bleeding time] Sroczyński J, et al.
Acta Haematol Pol 2:239-42, Jul-Sep 71 (Eng. Abstr.) (Pol)
[Role of blood clotting and fibrinolytic disorders in diabetics in the development of pathological changes in blood vessels] Chmielewski J.
Wiad Lek 26:615-7, 1 Apr 73 (Pol)
[Thrombogenesis. Role of the thrombocytes, coagulation and fibrinolysis in thrombosis] Stoichiță-Papilian M.
Stud Cercet Med Interna 13:219-35, 1972 (Rum)

CONGENITAL

Bleeding disorders due to abnormal platelet function. Weiss HJ.
Med Clin North Am 37:517-30, Mar 73 (58 ref.)
Clinically mild thrombasthenia with normal platelet coagulant activities. Walsh PN, et al.
Thromb Diath Haemorrh 28:440-6, 31 Dec 72
[Blood platelet diseases] Winckelmann G.
Med Klin 68:31-6, 12 Jan 73 (56 ref.) (Ger)
[Congenital thrombopathies] Outeiriño Hernanz J, et al. **Rev Clin Esp** 128:93-100, 31 Jan 73 (35 ref.) (Spa)

DIAGNOSIS

Method for the measurement of 14 C-5 HT uptake and release by platelets. David JL, et al.
Adv Exp Med Biol 34:335-9, 1972
Methods for platelet aggregation. Sixma JJ.
Adv Exp Med Biol 34:79-95, 1972
The value of measuring platelet "adhesiveness" in the diagnosis of bleeding diseases. Bowie EJ, et al.
Am J Clin Pathol 60:302-8, Sep 73
Platelet function tests in disease. Tschopp TB, et al.
Annu Rev Med 24:1-18, 1973 (214 ref.)
Platelet disorders. Gilchrist GS.
Pediatr Clin North Am 19:1047-60, Nov 72
Laboratory approach to platelet disorders. Davey FR.
Postgrad Med 54:109-12 passim, Aug 73
Bleeding tendency with platelet dysfunction and albinism. A case report. Murakami M, et al.
Thromb Diath Haemorrh 27:461-71, 31 Jul 72
Clinically mild thrombasthenia with normal platelet coagulant activities. Walsh PN, et al.
Thromb Diath Haemorrh 28:440-6, 31 Dec 72
[Efficiency and limits of platelet function tests in the diagnosis of hemorrhagic diathesis] Linker H, et al.
Internist (Berlin) 14:143-8, Apr 73 (Ger)
[Blood platelet diseases] Winckelmann G.
Med Klin 68:31-6, 12 Jan 73 (56 ref.) (Ger)
[Current methods in the diagnosis of platelet function disorders] Zöller H, et al.
Munch Med Wochenschr 114:1922-6, 3 Nov 72 (Eng. Abstr.) (Ger)
[Bleeding time-coagulation time: an anachronism?] Beck EA. **Praxis** 61:1049-50, 15 Aug 72 (Ger)
[Disseminated intravascular coagulation] Amir J.
Harefuah 83:29-32, 2 Jul 72 (20 ref.) (Heb)
[Thrombocytopenic and thrombocytopathic syndromes in childhood. I. Introduction] Ferlazzo A.
Minerva Pediatr 24:1201-7, 1 Sep 72 (Ita)
[Principles of general diagnosis in blood platelet deficiency syndromes] Santangelo G.
Minerva Pediatr 24:1291-9, 8 Sep 72 (Ita)
[Blood platelet disorders in newborn infants] Santangelo G, et al.
Minerva Pediatr 24:1300-29, 8 Sep 72 (Ita)
[Thrombocytopenic and thrombocytopathic syndrome in childhood. II. Signs of platelet physiopathology] Santangelo G, et al.
Minerva Pediatr 24:1208-89, 1 Sep 72 (Ita)
[Blood platelet disorders in thrombocytopenia]

Nawrocka-Kańska B, et al.
Folia Med Cracov 15:127-30, 1973 **(Pol)**
[Evaluation of the basic methods of studying primary hemostasis and the dynamic function of blood platelets (review of the literature)] Shitikova AS.
Lab Delo 11:648-56, 1972 (100 ref.) **(Rus)**

DRUG THERAPY

A qualitative platelet defect in severe vitamin B 12 deficiency. Response, hyperresponse, and thrombosis after vitamin B 12 therapy. Levine PH.
Ann Intern Med 78:533-9, Apr 73
Qualitative disorders of platelets--a report of two families. Dattachaudhuri M, et al.
Bull Calcutta Sch Trop Med 20:20-2, Apr 72
Recognizing and reacting to recurrent pulmonary embolism. Genton E. **Geriatrics** 28:84-8, Mar 73
Influence of lithium on aggregation, release-reaction and function of human platelets. Geerdink P, et al.
Pathol Biol (Paris) Suppl:15-27, Dec 72
[Release of antiheparin activity from platelets in patients treated with Pelentan] Cieslar P, et al.
Sb Lek 75:83-8, Mar 73 (Eng. Abstr.) **(Cze)**
[Platelet function disorders and ischemic cerebral accidents. Therapeutic prospects] Géraud J, et al.
Rev Neurol (Paris) 126:31-40, Jan 72 (Eng. Abstr.) **(Fre)**
[Clinical forms and therapy of thrombopenic syndromes] Ricca M, et al.
Minerva Pediatr 24:1404-30, 15 Sep 72 **(Ita)**
[Severe thrombocytopenia in infectious mononucleosis] Wetterhus S.
Tidsskr Nor Laegeforen 92:2257-8, 30 Nov 72 (Eng. Abstr.) **(Nor)**

ENZYMOLOGY

Glanzmann's thrombasthenia and reduced glutathione. Beutler E. **N Engl J Med** 287:1094-5, 23 Nov 72
Deficiency of glutathione peroxidase associated with high levels of reduced glutathione in glanzmann's thrombasthenia. Karpatkin S, et al.
N Engl J Med 287:1062-6, 23 Nov 72
[Platelet acid phosphatase activity in platelet disorders] Kubisz P.
Vnitr Lek 18:958-68, Oct 72 (Eng. Abstr.) **(Cze)**
[Platelet enzyme sequence in advanced chronic renal failure] Cordonnier D, et al.
J Urol Nephrol (Paris) 78:769-71, Sep 72 **(Fre)**
[Hematological pathology and clinical enzymology] Ballerini G, et al.
Quad Sclavo Diagn 8:98-145, Mar 72 (255 ref.) (Eng. Abstr.) **(Ita)**

ETIOLOGY

Metabolic disorders of platelets. Hellem AJ.
Adv Intern Med 17:171-87, 1971 (69 ref.)
The hematologic disorders of alcoholism. Eichner ER.
Am J Med 54:621-30, May 73 (62 ref.)
A new approach to the problem of massive gastrointestinal bleeding. Atik M, et al.
Am Surg 39:48-56, Jan 73
A qualitative platelet defect in severe vitamin B 12 deficiency. Response, hyperresponse, and thrombosis after vitamin B 12 therapy. Levine PH.
Ann Intern Med 78:533-9, Apr 73
Platelet function tests in disease. Tschopp TB, et al.
Annu Rev Med 24:1-18, 1973 (214 ref.)
Respiratory and coagulation changes after uncomplicated fractures. Wilson RF, et al.
Arch Surg 106:395-9, Apr 73
Qualitative platelet defects with reduced life-span in acute leukaemia. Van der Weyden MB, et al.
Aust NZ J Med 2:339-45, Nov 72
Platelet dysfunction in glycogen storage disease type I. Czapek EE, et al. **Blood** 41:235-47, Feb 73
The haematology of anorexia nervosa. Mant MJ, et al.
Br J Haematol 23:737-49, Dec 72
Hypersplenism. **Calif Med** 118:24-9, Jan 73
Myeloproliferative disorders and platelet functions. Kubisz P. **Folia Haematol (Leipz)** 99:202-11, 1973
Interactions of the classical and alternate complement pathway with endotoxin lipopolysaccharide. Effect on platelets and blood coagulation. Kane MA, et al.
J Clin Invest 52:370-6, Feb 73
A clinical and experimental study of platelet function in chronic renal failure. Evans EP, et al.
J Clin Pathol 25:745-53, Sep 72
X-linked recessive disorders: chronic granulomatous disease and Wiskott-Aldrich syndrome. Mauer AM.
J Invest Dermatol 60:522-8, Jun 73 (35 ref.)
Thrombokinetic studies in alcohol-related thrombocytopenia. Cowan DH.
J Lab Clin Med 81:64-76, Jan 73
Thrombocytopenia in murine cytomegalovirus infection. Osborn JE, et al.
J Lab Clin Med 81:53-63, Jan 73
The hemolytic-uremic syndrome in California: a review of 28 nonheparinized cases with long-term follow-up. Tune BM, et al. **J Pediatr** 82:304-10, Feb 73
Platelet response and coagulation changes following massive blood replacement. Lim RC Jr, et al.
J Trauma 13:577-82, Jul 73
Bleeding disorders due to abnormal platelet function. Weiss HJ.
Med Clin North Am 37:517-30, Mar 73 (58 ref.)
Platelet disorders. Gilchrist GS.
Pediatr Clin North Am 19:1047-60, Nov 72
Thrombocytopenia and bleeding complications in severe cases of meningococcal infection treated with heparin, dextran 70 and chlorpromazine. Niklasson PM, et al. **Scand J Infect Dis** 4:183-91, 1972
Paradoxical bleeding in intensively transfused hemophilics: alteration of platelet function. Hathaway WE, et al. **Transfusion** 13:6-12, Jan-Feb 73
[Mechanism inducing blood hypercoagulability in severe hypoxia] Strumza MV, et al.
C R Soc Biol (Paris) 165:1861-3, 1971 **(Fre)**
[Correction by hypophysectomy of platelet hyperaggregation observed during diabetic retinopathy] Passa P, et al.
Nouv Presse Med 2:2057, 8 Sep 73 **(Fre)**
[Influencing of the thrombocytopathy due to uremia by hemo- and peritoneal dialysis] Fürstenberg HS, et al.
Fortschr Med 91:13, 11 Jan 73 **(Ger)**
[Blood coagulation disorders in liver diseases] Meyer-Burg J. **Med Klin** 68:187-91, 9 Feb 73 **(Ger)**
[Hemorrhagic syndrome due to defective platelet aggregation in chronic lymphatic leukemia of the splenomegalic variety] Cacciola E, et al.
Haematologica (Pavia) 58:190-5, 1973 (Eng. Abstr.) **(Ita)**
[Modified technic for total correction of transposition of great vessels] Actis Dato A, et al.
Minerva Med 64:825-8, 21 Mar 73 (Eng. Abstr.) **(Ita)**
[Thrombocytopenic and thrombocytopathic syndrome in childhood. II. Signs of platelet physiopathology] Santangelo G, et al.
Minerva Pediatr 24:1208-89, 1 Sep 72 **(Ita)**
[Anemia and other hematological anomalies related to dialysis treatment] Miwa S.
Jap J Clin Med 30:2517-20, Dec 72 **(Jap)**
[Studies on uremic thrombopathy. Analysis of 59 patients with special reference to platelet lipids] García-San Miguel J, et al.
Sangre (Barc) 18:31-9, 1973 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

Platelet factor 3 in Glanzmann's thrombasthenia. Saraya AK, et al.
Acta Haematol (Basel) 48:116-24, 1972
Metabolic disorders of platelets. Hellem AJ.
Adv Intern Med 17:171-87, 1971 (69 ref.)
Ultrastructural findings in storage pool disease and aspirin-like defects of platelets. Weiss HJ, et al.
Am J Pathol 71:447-66, Jun 73
Platelet-function studies in the Bernard-Soulier syndrome. Bithell TC, et al.
Ann NY Acad Sci 201:145-60, 27 Oct 72
Abnormalities in the platelet-collagen reaction. Caen JP, et al. **Ann NY Acad Sci** 201:194-204, 27 Oct 72
Qualitative platelet disorders: classification and pathogenesis. Ulutin ON.
Ann NY Acad Sci 201:174-93, 27 Oct 72
Ultrastructural defects in congenital disorders of platelet function. White JG.
Ann NY Acad Sci 201:205-33, 27 Oct 72
The clinical relevance of platelet function tests. McBride JA, et al.
Br J Haematol 23:Suppl:201-8, Sep 72 (36 ref.)
Increased platelet adhesiveness as a familial characteristic. Papayannis AG, et al.
Br J Haematol 24:435-41, Apr 73
Hereditary giant platelet syndrome: a disorder of a new aspect of platelet function. Howard MA, et al.
Br Med J 2:586-8, 9 Jun 73
Qualitative disorders of platelets--a report of two

families. Dattachaudhuri M, et al.
Bull Calcutta Sch Trop Med 20:20-2, Apr 72
A case of familial thrombocytopenia-thrombocytopathia associated with haemolytic anaemia of unknown heredity pattern. An interdisciplinary approach. Lawkowicz W, et al. **Folia Haematol (Leipz)** 99:191-201, 1973
A study of platelet function in primary thrombopathy. Kasturi J, et al. **Indian J Med Res** 60:567-75, Apr 72
Glanzmann's thrombasthenia and reduced glutathione. Beutler E. **N Engl J Med** 287:1094-5, 23 Nov 72
Deficiency of glutathione peroxidase associated with high levels of reduced glutathione in glanzmann's thrombasthenia. Karpatkin S, et al.
N Engl J Med 287:1062-6, 23 Nov 72
Interaction between platelets and von Willebrand factor provides a new scheme for primary haemostasis. Caen JP, et al.
Nature [New Biol] 244:159-60, 1 Aug 73
Platelet disorders. Gilchrist GS.
Pediatr Clin North Am 19:1047-60, Nov 72
Platelet factor 4 in platelet disorders--storage location and the requirement of endogenous ADP for its release. Weiss HJ, et al.
Proc Soc Exp Biol Med 142:30-5, Jan 73
Bleeding tendency with platelet dysfunction and albinism. A case report. Murakami M, et al.
Thromb Diath Haemorrh 27:461-71, 31 Jul 72
A case of thrombasthenia with a study of platelet aggregation by hydrogen peroxide (H 2 O 2). Higashi O, et al. **Tohoku J Exp Med** 106:399-409, Apr 72
[Efficiency and limits of platelet function tests in the diagnosis of hemorrhagic diathesis] Linker H, et al.
Internist (Berlin) 14:143-8, Apr 73 **(Ger)**
[Blood platelet diseases] Winckelmann G.
Med Klin 68:31-6, 12 Jan 73 (56 ref.) **(Ger)**
[May-Hegglin anomaly in 3 generations] Blumenfeld C, et al. **Harefuah** 83:22-3, 2 Jul 72 (Eng. Abstr.) **(Heb)**
[Clinical forms and therapy of thrombopenic syndromes] Ricca M, et al.
Minerva Pediatr 24:1404-30, 15 Sep 72 **(Ita)**
[Congenital thrombopathies] Outeiriño Hernanz J, et al. **Rev Clin Esp** 128:93-100, 31 Jan 73 (35 ref.) **(Spa)**

IMMUNOLOGY

Seed agglutinin for rapid identification of Tn-polyagglutination. Bird GW, et al.
Lancet 1:677, 24 Mar 73
Platelet disorders. Gilchrist GS.
Pediatr Clin North Am 19:1047-60, Nov 72
Platelet transfusions: shortened survival of HL-A-identical platelets and failure of in vitro detection of anti-platelet antibodies after multiple transfusions. Bucher U, et al. **Vox Sang** 25:187-92, 1973
[Immunologic blood diseases] Vuopio P.
Duodecim 89:205-17, 1973 **(Fin)**
[Thrombopenias] Dioguardi N.
Minerva Med 63:4983-96, 19 Dec 72 **(Ita)**
[Thrombopenic syndromes and platelet disorders in childhood. Conclusions] Feriazzo A.
Minerva Pediatr 24:1431-3, 15 Sep 72 **(Ita)**

METABOLISM

Metabolic disorders of platelets. Hellem AJ.
Adv Intern Med 17:171-87, 1971 (69 ref.)
Changes in the adenylate energy charge in human blood platelets induced by adenosine diphosphate. Mills DC.
Nature [New Biol] 243:220-2, 13 Jun 73
Platelet factor 4 in platelet disorders--storage location and the requirement of endogenous ADP for its release. Weiss HJ, et al.
Proc Soc Exp Biol Med 142:30-5, Jan 73
[Thrombopenic syndromes and platelet disorders in childhood. Conclusions] Feriazzo A.
Minerva Pediatr 24:1431-3, 15 Sep 72 **(Ita)**
[Thrombocytopenic and thrombocytopathic syndrome in childhood. II. Signs of platelet physiopathology] Santangelo G, et al.
Minerva Pediatr 24:1208-89, 1 Sep 72 **(Ita)**
[Hemostasis disorders in liver cirrhosis] Judkiewicz L, et al. **Pol Tyg Lek** 28:708-11, 1 May 73 (34 ref.) **(Pol)**

PATHOLOGY

Heterophile antibodies and tissue injury. 3. A role for platelets in the development of lethal vascular injury during Forssman shock in guinea pigs. Tsai CC, et al.
Am J Pathol 72:179-200, Aug 73
Ultrastructural findings in storage pool disease and aspirin-like defects of platelets. Weiss HJ, et al.
Am J Pathol 71:447-66, Jun 73
Exocytosis of secretory organelles from blood platelets incubated with cationic polypeptides. White JG.
Am J Pathol 69:41-54, Oct 72
A case of familial thrombocytopenia-thrombocytopathia associated with haemolytic anaemia of unknown heredity pattern. An interdisciplinary approach. Lawkowicz W, et al. **Folia Haematol (Leipz)** 99:191-201, 1973
The use of Cerenkov radiation in 32 P labeled platelet survival studies. Smith RD, et al.
Int J Appl Radiat Isot 23:513-7, Nov 72
Thrombocytopenia of hibernation. Mechanism of induction and recovery. Reddick RL, et al.
Lab Invest 28:270-8, Feb 73
Platelet shape change and aggregation. Caen JP, et al.
Nature (Lond) 240:148-9, 17 Nov 72
[Essential hemorrhagic thrombocythemia] Kužma J, et al. **Vnitr Lek** 18:899-904, Sep 72 (Eng. Abstr.) **(Cze)**

PHYSIOPATHOLOGY

Ultrastructural findings in storage pool disease and aspirin-like defects of platelets. Weiss HJ, et al.
Am J Pathol 71:447-66, Jun 73
Laboratory tests of platelet function. Day HJ, et al.
Ann Clin Lab Sci 2:63-74, Jan-Feb 72
Studies of splenic function by means of radioisotope labelled red cells. Szur L, et al.
Br J Haematol 23:Suppl:183-99, Sep 72 (51 ref.)
Platelet coagulant activities in thrombasthenia. Walsh PN. **Br J Haematol** 23:553-69, Nov 72
Thrombokinetic studies in alcohol-related thrombocytopenia. Cowan DH.
J Lab Clin Med 81:64-76, Jan 73
Bleeding disorders due to abnormal platelet function. Weiss HJ.
Med Clin North Am 37:517-30, Mar 73 (58 ref.)
Haemostatic functions of platelets and their disorders. Hardisty RM. **Sci Basis Med** 222-37, 1972 (55 ref.)
Clinically mild thrombasthenia with normal platelet coagulant activities. Walsh PN, et al.
Thromb Diath Haemorrh 28:440-6, 31 Dec 72
Paradoxical bleeding in intensively transfused hemophilics: alteration of platelet function. Hathaway WE, et al. **Transfusion** 13:6-12, Jan-Feb 73
[Thrombocytopenic and thrombocytopathic syndrome in childhood. II. Signs of platelet physiopathology] Santangelo G, et al.
Minerva Pediatr 24:1208-89, 1 Sep 72 **(Ita)**
[Evaluation of the basic methods of studying primary hemostasis and the dynamic function of blood platelets (review of the literature)] Shitikova AS.
Lab Delo 11:648-56, 1972 (100 ref.) **(Rus)**
[Dynamic function of the thrombocytes (a survey of the literature)] Odesskaia TA.
Probl Gematol Pereliv Krovi 17:47-53, Jul 72 (117 ref.) **(Rus)**

PREVENTION & CONTROL

Thrombocytopenia of hibernation. Mechanism of induction and recovery. Reddick RL, et al.
Lab Invest 28:270-8, Feb 73
[Thromboembolism in surgical practice. Current aspects of its control and prophylactic treatment. 2] Toulemonde F.
Phlebologie 25:433-62, Oct-Dec 72 (202 ref.) (Eng. Abstr.) **(Fre)**

THERAPY

Correction of the platelet abnormality in von Willebrand's disease by cryoprecipitate. Weiss HJ, et al. **Am J Med** 53:734-8, Dec 72
A new approach to the problem of massive gastrointestinal bleeding. Atik M, et al.
Am Surg 39:48-56, Jan 73
Preoperative correction of a platelet functional disorder. Locke HR, et al.
Ann Intern Med 78:972-3, Jun 73
Component therapy. McCarthy CF.
J Ir Med Assoc 66:40-1, 27 Jan 73
Principles of hematologic supportive care. Graw RG Jr, et al. **Med Clin North Am** 57:441-61, Mar 73 (128 ref.)
[Therapeutic indications in hemorrhagic syndromes due to blood platelet disorders] Revol L.
Lyon Med 19:Suppl:153-5, Apr 72 **(Fre)**

[Correction by hypophysectomy of platelet hyperaggregation observed during diabetic retinopathy] Passa P, et al.
Nouv Presse Med 2:2057, 8 Sep 73 **(Fre)**
[Growth hormone and diabetic microangiopathy] Passa P. **Sem Hop Paris** 48:3329-32, 8 Dec 72 **(Fre)**
[Influencing of the thrombocytopathy due to uremia by hemo- and peritoneal dialysis] Fürstenberg HS, et al.
Fortschr Med 91:13, 11 Jan 73 **(Ger)**
[Blood platelet diseases] Winckelmann G.
Med Klin 68:31-6, 12 Jan 73 (56 ref.) **(Ger)**
[Thrombocytopenic and thrombocytopathic syndromes in childhood. I. Introduction] Ferlazzo A.
Minerva Pediatr 24:1201-7, 1 Sep 72 **(Ita)**
[Guidelines of blood transfusion] Lundh B.
Lakartidningen 69:Suppl 4:55-8 p, 27 Dec 72 (Eng. Abstr.) **(Swe)**

VETERINARY

Transient thrombasthenia in a dog (a case report). Yakeley WL, et al.
Vet Med Small Anim Clin 67:1193-6, Nov 72

BLOOD PLATELETS

Determination of 5 -hydroxy-indolacetic-acid (5 -HIAA) in urine and nasal mucus in provoked allergic rhinitis. Celestino D, et al.
Acta Allergol (Kbh) 27:264-72, Sep 72
The effect of lipids on platelets, blood coagulation and fibrinolysis. Verstraete M.
Acta Cardiol (Brux) Suppl 25:37-47, 1972
The relation of platelet adhesiveness to postoperative venous thrombosis of the legs. A clinical study. Becker J. **Acta Chir Scand** 138:781-6, 1972
Platelet alterations during accelerated rejection of canine renal allografts. Claes G, et al.
Acta Chir Scand 139:123-6, 1973
The accumulation and distribution of platelets and fibrin in rejecting dog kidneys. Claes G, et al.
Acta Chir Scand 139:91-9, 1973
Thrombocytosis. A source of increased bleeding tendency. Solhaug JH. **Acta Chir Scand** 139:225-7, 1973
Post-operative venous thrombosis. A clinical and experimental study with special reference to early diagnosis, prophylaxis, course and some haematological findings. Becker J.
Acta Chir Scand [Suppl] 431:1-38, 1972
The failure of normal haemopoiesis in rats during the development of acute leukaemia. Hoelzer D, et al.
Acta Haematol (Basel) 49:36-47, 1973
The effect of serum protein fractions of the newborn on the thrombocytopoiesis of mice. Krizsa F, et al.
Acta Haematol (Basel) 48:24-7, 1972
The fibrinolytic enzyme system in leukaemia, myelomatosis and myeloproliferative diseases. Ogston D, et al. **Acta Haematol (Basel)** 48:322-30, 1972
Interaction of platelets with ascitic plasmacytoma in vitro. Pedio G, et al.
Acta Haematol (Basel) 49:48-56, 1973
Failure of subcutaneous heparin treatment in a case of disseminated intravascular coagulation. Stevens W, et al. **Acta Haematol (Basel)** 48:245-50, 1972
Splenic histiocytosis associated with thrombocytopenia. Summerell JM, et al.
Acta Haematol (Basel) 48:34-8, 1972
Coagulation and fibrinolysis in a patient with extracorporeal liver perfusion. Lukasiewicz H, et al.
Acta Med Pol 14:79-82, 1973
Thrombocytosis. Selroos O.
Acta Med Scand 193:431-6, May 73
The ultrastructure of megakaryocytes in polycythaemia vera and chronic granulocytic leukaemia. Lagerlöf B, et al.
Acta Pathol Microbiol Scand [A] 80:71-83, 1972
Preparation of local Shwartzman reaction by means of platelet rich plasma. Tóth S, et al.
Acta Physiol Acad Sci Hung 42:163-8, 1972
Thrombogenic properties of vascular catheter materials in vivo. The differences between materials. Schlossman D.
Acta Radiol [Diagn] (Stockh) 14:186-92, Mar 73
Thrombogenic properties of vascular catheter materials in vivo. A device and objective method of comparing thrombus formation on vascular catheter materials. Schlossman D.
Acta Radiol [Diagn] (Stockh) 14:97-105, Jan 73
Platelet factor-4--properties and clinical significance. Donati MB, et al. **Adv Exp Med Biol** 34:173-89, 1972
Platelet factor-4--methods of study. Donati MB, et al.
Adv Exp Med Biol 34:295-308, 1972
Platelet function tests and thrombosis. O'Brien JR.
Adv Exp Med Biol 34:43-54, 1972 (10 ref.)
Platelest counting: visual, electronic and fully automated optical methods. Samama M, et al.
Adv Exp Med Biol 34:221-33, 1972
Gel filtration of blood platelets: a methodological report. Tangen O, et al.
Adv Exp Med Biol 34:235-43, 1972
The role of platelets in arterial and venous thrombosis. Thomas DP. **Adv Exp Med Biol** 34:23-42, 1972 (74 ref.)
The platelet populations. Vainer H.
Adv Exp Med Biol 34:191-217, 1972
Separation of platelet populations from human and rat blood. Method and applications. Vainer H.
Adv Exp Med Biol 34:309-20, 1972
Platelet washing by albumin density gradient separation (ADGS). Walsh PN.
Adv Exp Med Biol 34:245-56, 1972
Interactions between gas bubbles and components of the blood: implications in decompression sickness. Philp RB, et al. **Aerosp Med** 43:946-53, Sep 72
Disseminated intravascular coagulation. Pierce LE.
Am Fam Physician 7:118-25, Feb 73
Relation of microcirculatory thrombosis to thrombus in the proximal coronary artery: effect of aspirin, dipyridamole, and thrombolysis. Moschos CB, et al.
Am Heart J 86:61-8, Jul 73
Heparin, platelets, and venous thrombosis. O'Brien JR.
Am Heart J 85:435-8, Apr 73 (16 ref.)
Surface morphology of endocardial thrombus induced by a high-fat diet. Maguire KF, et al.
Am J Anat 135:153-7, Sep 72
The value of measuring platelet "adhesiveness" in the diagnosis of bleeding diseases. Bowie EJ, et al.
Am J Clin Pathol 60:302-8, Sep 73
Thrombocytosis and thrombocythemia: the laboratory and clinical significance of an elevated platelet count. Davis WM, et al. **Am J Clin Pathol** 59:243-7, Feb 73
Hypofibrinogenemia associated with hemangioma of the liver. Martinez J, et al.
Am J Clin Pathol 60:192-7, Aug 73
Bleeding and infection. Fernbach DJ.
Am J Dis Child 125:900, Jun 73
Protracted diarrhea of infancy treated by intravenous alimentation. I. Clinical studies of 16 infants. Lloyd-Still JD, et al. **Am J Dis Child** 125:358-64, Mar 73
Disseminated intravascular coagulation in the respiratory distress syndrome. Margolis CZ, et al.
Am J Dis Child 125:324-6, Mar 73
Coagulation in cyanotic congenital heart disease. Wedemeyer AL, et al.
Am J Dis Child 124:656-60, Nov 72
Gold-induced thrombocytopenia. Canada AT.
Am J Hosp Pharm 30:340-2, Apr 73
Abnormal fibrinolysis in familial pulmonary hypertension. Inglesby TV, et al.
Am J Med 55:5-14, Jul 73
Blood coagulation studies in Plasmodium falciparum malaria. Butler T, et al. **Am J Med Sci** 265:63-7, Jan 73
Familial occurrence of von Willebrand's disease, thrombocytopenia, and severe gastrointestinal bleeding. Corder MP, et al.
Am J Med Sci 265:219-23, Mar 73
Disseminated intravascular coagulation following cardiac arrest: a study of 15 patients. Mehta B, et al.
Am J Med Sci 264:353-63, Nov 72
Hypersplenic thrombocytopenia in sickle cell-bata thalassemia. Rowley PT, et al.
Am J Med Sci 264:489-93, Dec 72
Platelet function and atherosclerosis. Zucker MB.
Am J Med Sci 264:485-7, Dec 72
Lack of coagulation defect after terminating second-trimester pregnancy by the catheter technique. Beller FK, et al.
Am J Obstet Gynecol 115:822-6, 15 Mar 73
Coagulation studies in the hypertensive toxemias of pregnancy. Davidson EC Jr, et al.
Am J Obstet Gynecol 113:905-10, 1 Aug 72
Stilbestrol-augmented disseminated intravascular coagulation in rats after infusion of endotoxin. Theiss W, et al. **Am J Obstet Gynecol** 115:775-82, 15 Mar 73
Defibrination syndrome after intra-amniotic infusion of hypertonic saline. Weiss AE, et al.
Am J Obstet Gynecol 113:868-74, 1 Aug 72
The mechanism of renal glomerular capillary retention of carbon in disseminated intravascular coagulation. Donald KJ, et al. **Am J Pathol** 70:245-52, Feb 73
Morphologic study of the participation of the

complement system in hyperacute rejection of renal xenotransplants. Mejía-Laguna JE, et al. **Am J Pathol** 69:71-8, Oct 72

Uptake of latex particles by blood platelets: phagocytosis or sequestration? White JG. **Am J Pathol** 69:439-58, Dec 72

Exocytosis of secretory organelles from blood platelets incubated with cationic polypeptides. White JG. **Am J Pathol** 69:41-54, Oct 72

Immune hemolytic transfusion reactions in monkeys: activation of the kallikrein system. Lopas H, et al. **Am J Physiol** 225:372-9, Aug 73

Effects of autotransfusion on blood elements. Bennett SH, et al. **Am J Surg** 125:273-9, Mar 73

Microaggregation in canine autotransfusion. Wright CB, et al. **Am J Surg** 126:25-9, Jul 73

Nature of thrombus in a hollow fiber oxygenator. Schneider MD. **Am J Vet Res** 34:151-68, Feb 73

Defective platelet disaggregation associated with occlusive arterial diseases. Davis JW. **Angiology** 24:391-7, Jul-Aug 73

Biochemistry and physiology of blood platelets. Holmsen H, et al. **Ann Clin Lab Sci** 1:38-47, Jul-Aug 71

Blood-component therapy. Garrell M, et al. **Ann Intern Med** 77:484-5, Sep 72

Preoperative correction of a platelet functional disorder. Locke HR, et al. **Ann Intern Med** 78:972-3, Jun 73

Salmonella septicemia from platelet transfusions. Study of an outbreak traced to a hematogenous carrier of Salmonella cholerae-suis. Rhame FS, et al. **Ann Intern Med** 78:633-41, May 73

Scleroderma and microangiopathic hemolytic anemia. Salyer WR, et al. **Ann Intern Med** 78:895-7, Jun 73

Nature of the platelet defect in the Wiskott-Aldrich syndrome. Baldini MG. **Ann NY Acad Sci** 201:437-44, 27 Oct 72

Platelet-function studies in the Bernard-Soulier syndrome. Bithell TC, et al. **Ann NY Acad Sci** 201:145-60, 27 Oct 72

Platelet abnormalities in heritable disorders of connective tissue. Estes JW. **Ann NY Acad Sci** 201:445-50, 27 Oct 72

Our ancient heritage in blood clotting and some of its consequences. Laki K. **Ann NY Acad Sci** 202:297-307, 8 Dec 72

Intrinsic platelet defects in hereditary thrombocytopenia. Murphy S. **Ann NY Acad Sci** 201:421-8, 27 Oct 72

The effect of dialysis on platelet function of patients with renal failure. Rabiner SF. **Ann NY Acad Sci** 201:234-42, 27 Oct 72

The effect of oral contraceptives on fibrin-clot stabilization. Shanberge JN, et al. **Ann NY Acad Sci** 202:220-9, 8 Dec 72

Platelet dysfunction in preleukemic states and in various types of leukemia. Sultan Y, et al. **Ann NY Acad Sci** 201:300-6, 27 Oct 72

Qualitative platelet disorders: classification and pathogenesis. Ulutin ON. **Ann NY Acad Sci** 201:174-93, 27 Oct 72

Ultrastructural defects in congenital disorders of platelet function. White JG. **Ann NY Acad Sci** 201:205-33, 27 Oct 72

Salicylate-induced consumption coagulopathy. Pinedo HM, et al. **Ann Rheum Dis** 32:66-8, Jan 73

Coagulation changes of septic shock in the sub-human primate and their relationship to hemodynamic changes. Horowitz DL, et al. **Ann Surg** 175:417-23, Mar 72

Coagulopathy after major combat injury: occurrence, management, and pathophysiology. McNamara JJ, et al. **Ann Surg** 176:243-6, Aug 72

Fresh autologous blood transfusions with extracorporeal circulation. Ochsner JL, et al. **Ann Surg** 177:811-7, Jun 73

The effect on pulmonary ultrastructure of dacron-wool filtration during cardiopulmonary bypass. Connell RS, et al. **Ann Thorac Surg** 15:217-29, Mar 73

Pemphigus treatment with azathioprine. Clinical and immunologic correlation. Roenigk HH Jr, et al. **Arch Dermatol** 107:353-7, Mar 73

Hypothermia and coagulation defects in the newborn. Chadd MA, et al. **Arch Dis Child** 47:819-21, Oct 72

Raised immunoglobulin levels and thrombocytosis in infantile cortical hyperostosis. Temperley IJ, et al. **Arch Dis Child** 47:982-3, Dec 72

Coagulation studies in haemolytic uraemic syndrome. Willoughby ML, et al. **Arch Dis Child** 47:786-71, Oct 72

Fibrinolytic split products. A clinicopathological correlative study in adults with lupus glomerulonephritis and various renal diseases. Bond RE, et al. **Arch Intern Med** 132:182-7, Aug 73

Combination chemotherapy-radiotherapy for stage 3 Hodgkin's disease. An acute leukemia group B study. Hoogstraten B, et al. **Arch Intern Med** 131:424-8, Mar 73

Splenectomy effects on chemotherapy in Hodgkin's disease. Panettiere F, et al. **Arch Intern Med** 131:362-6, Mar 73

Oxymetholone in myelofibrosis and chronic lymphocytic leukemia. Presant CA, et al. **Arch Intern Med** 132:175-8, Aug 73

Idiopathic thrombocytopenic purpura. Long-term results of treatment and the prognostic significance of response to corticosteroids. Thompson RL, et al. **Arch Intern Med** 130:730-4, Nov 72

Drug-induced renal medullary necrosis. I. Structural alteration of renal medulla; administration of 2-bromoethylamine hydrobromide. Shimamura T. **Arch Pathol** 94:406-10, Nov 72

Ultrapore hemofiltration. The effects on the coagulation and fibrinolytic mechanisms in fresh and stored blood. Gervin AS, et al. **Arch Surg** 106:333-6, Mar 73

Prevention of post-traumatic pulmonary insufficency. Fine screen filtration of blood. Reul GJ Jr, et al. **Arch Surg** 106:386-94, Apr 73

Thrombocytopenia from metastatic carcinoma of the breast. Effective managements of patients with this complication. Sugarbaker PH, et al. **Arch Surg** 107:523-7, Oct 73

Respiratory and coagulation changes after uncomplicated fractures. Wilson RF, et al. **Arch Surg** 106:395-9, Apr 73

Synovitis of recent onset. A clinicopathologic study during the first month of disease. Schumacher HR, et al. **Arthritis Rheum** 15:465-85, Sep-Oct 72

The preventive effect of a low-molecular pentosan-polysulphate on DAS-induced increase in pulmonary vascular resistance caused by platelet-aggregation. Schumacher KA, et al. **Arzneim Forsch** 23:431-3, Mar 73

Ultrastructural intimal changes in the rabbit aorta after a moderate carbon monoxide exposure. Kjeldsen K, et al. **Atherosclerosis** 16:67-82, Jul-Aug 72

Pathogenesis of the graft-versus-host reaction in chicken embryos. The development of haemorrhagic lesions. Walker KZ, et al. **Aust J Exp Biol Med Sci** 51:93-107, Feb 73

Traumatic haemolysis after heart valve replacement: a comparison of haematological investigations. Ducrou W, et al. **Aust NZ J Med** 2:118-23, May 72

Thrombotic thrombocytopenic purpura presenting as eclampsia. Perel ID, et al. **Aust NZ J Obstet Gynaecol** 12:257-62, Nov 72

Histone phosphatase and cyclic nucleotide-stimulated protein kinase from human lymphocytes. Murray AW, et al. **Biochem J** 129:995-1002, Oct 72

Treatment of thrombotic thrombocytopenic purpura with antiplatelet drugs. Amir J, et al. **Blood** 42:27-33, Jul 73

Inhibition of the generalized Shwartzman reaction by hypofibrinogenemia. Bell WR, et al. **Blood** 40:697-708, Nov 72

A hypertransfused mouse assay for thrombopoietic factors. Cooper GW, et al. **Blood** 42:423-8, Sep 73

Distinctions between idiopathic ineffective erythropoiesis and di Guglielmo's disease: clinical and biochemical differences. Eastman PM, et al. **Blood** 40:487-99, Oct 72

Identification of circulating micromegakaryocytes in a case of refractory anemia: an electron microscopic-cytochemical study. Gorius JB, et al. **Blood** 40:453-63, Oct 72

Improved viability of previously frozen platelets. Handin RI, et al. **Blood** 40:509-13, Oct 72

The platelet-stimulating effects of 7-beta, 17-alpha-dimethyltestosterone (calusterone). Horn Y, et al. **Blood** 40:684-7, Nov 72

The effect of cold on platelets. II. Platelet function after short-term storage at cold temperatures. Kattlove HE, et al. **Blood** 40:688-96, Nov 72

Metabolism of human prothrombin and fibrinogen in patients with thrombocytosis secondary to myeloproliferative states. Martinez J, et al. **Blood** 42:35-46, Jul 73

The splenic platelet reservoir in sickle cell anemia. Schwartz AD. **Blood** 40:678-83, Nov 72

Rabbit heart valve basement membrane: low platelet reactivity. Suresh AD, et al. **Blood** 41:359-67, Mar 73
The fibrin stabilizing factor, factor XIII. Duckert F. **Blut** 26:177-9, Mar 73 (11 ref.)
Intravascular haemolysis and thrombocytopenia in left ventricular outflow obstruction. Jacobson RJ, et al. **Br Heart J** 35:849-54, Aug 73
In search of causes of ischaemic heart disease. Malhotra SL. **Br Heart J** 35:17-23, Jan 73
Anabolic steroids and bone marrow toxicity during therapy with methotrexate. Rawbone RG, et al. **Br J Cancer** 26:395-401, Oct 72
The kinetics of carbon clearance in rabbits stimulated by a tubercle bacillary lipid. A statistical model for carbon clearance studies. Donald KJ. **Br J Exp Pathol** 53:560-9, Oct 72
The exchangeable splenic platelet pool studied with epinephrine infusion in idiopathic thrombocytopenic purpura and in patients with splenomegaly. Branehög I, et al. **Br J Haematol** 25:239-48, Aug 73
Bone-marrow toxicity of methotrexate: a reassessment. Douglas ID, et al. **Br J Haematol** 24:625-31, May 73
Chronic granulocytic leukaemia with Ph 1 negative cells in bone marrow and a ten year remission after busulphan hypoplasia. Finney R, et al. **Br J Haematol** 23:283-8, Sep 72
Platelet age: its relationship to platelet size, function and metabolism. Hirsh J. **Br J Haematol** 23:Suppl:209-14, Sep 72 (33 ref.)
The clinical relevance of platelet function tests. McBride JA, et al. **Br J Haematol** 23:Suppl:201-8, Sep 72 (36 ref.)
Prolonged prothrombin time and partial thromboplastin time in disseminated intravascular coagulation not due to deficiency of factors V and VIII. Mant MJ, et al. **Br J Haematol** 24:725-34, Jun 73
Observations on the mechanism of the haematological changes in the haemolytic uraemic syndrome of infancy. Metz J. **Br J Haematol** 23:Suppl:53-9, Sep 72
Defective in vitro colony formation by human bone marrow preceding overt leukaemia. Senn JS, et al. **Br J Haematol** 23:277-81, Sep 72
Heterologous liver perfusion. A comparison of the use of livers from four different species. Hickman R, et al. **Br J Surg** 59:881-4, Nov 72
Liver perfusion with human blood. A comparison of pig, calf, lamb, and baboon livers. Terblanche J, et al. **Br J Surg** 59:902, Nov 72
Nature of hyperacute (accelerated second set) rejection in dog renal allografts and effects of heparin on rejection process. Amery AH, et al. **Br Med J** 1:455-8, 24 Feb 73
Management of adult acute myelogenous leukaemia. Crowther D, et al. **Br Med J** 1:131-7, 20 Jan 73
Haemostatic changes during dialysis associated with thrombus formation on dialysis membranes. Lindsay RM, et al. **Br Med J** 4:454-8, 25 Nov 72
Mechanisms of thrombocytopenia in malignant tertian malaria. Skudowitz RB, et al. **Br Med J** 2:515-8, 2 Jun 73
Particles in spleens. Stuart A. **Br Med J** 3:474, 19 Aug 72
Treatment of acute lymphoblastic leukaemia: effect of "prophylactic" therapy against central nervous system leukaemia. Report ot the Medical Research Council by the Leukaemia Committee and the Working Party on Leukaemia in Childhood. **Br Med J** 2:381-4, 19 May 73
Current transfusion therapy. Hinkes E, et al. **Calif Med** 118:38-55, May 73 (173 ref.)
Hypersplenism. **Calif Med** 118:24-9, Jan 73
Platelet and fibrinogen kinetics in the chronic myeloproliferative disorders. Brodsky I, et al. **Cancer** 30:1444-50, Dec 72
Disseminated intravascular coagulation in cancer patients: supportive evidence. Peck SD, et al. **Cancer** 31:1114-9, May 73
Clinical evaluation of hexamethylmelamine (NSC-13875). Bergevin PR, et al. **Cancer Chemother Rep** 57:51-8, Feb 73
Further clinical trials with porfiromycin (NSC-56410) (large intermittent doses). Izbicki R, et al. **Cancer Chemother Rep** 56:615-24, Oct 72
Phase II study of 5-azacytidine (NSC-102816) in the treatment of advanced gastrointestinal cancer. Moertel CG, et al. **Cancer Chemother Rep** 56:649-52, Oct 72
Daunorubicin in the therapy of acute granulocytic leukemia. Weil M, et al. **Cancer Res** 33:921-8, May 73
Monocrotaline induced pulmonary vascular lesions in non-human primates. Chesney CF, et al. **Cardiovasc Res** 7:508-18, Jul 73
How an acute rise in arterial pressure damages arterioles. Electron microscopic changes during angiotensin infusion. Goldby FS, et al. **Cardiovasc Res** 6:569-84, Sep 72
Comparison of the action of heparin and streptokinase on experimental pulmonary emboli in the dog. Vellar ID, et al. **Cardiovasc Res** 6:734-40, Nov 72
Idiopathic thrombocytopenia after treatment with steroids and immunosuppressives. Goebel KM, et al. **Chemotherapy** 18:112-8, 1973
Total cardiopulmonary support with disposable membrane oxygenator during aortocoronary artery-vein graft operations. Carlson RG, et al. **Chest** 62:424-32, Oct 72
Consequences of the diaphragm driven artificial heart-animal implantation and mock circulation studies. Peters JL, et al. **Chest** 63:589-97, Apr 73
Unusual coronary emboli associated with coronary arteriography. Price HP, et al. **Chest** 63:698-700, May 73
The pharmacology of asthma and possible therapeutic developments. Brocklehurst WE. **Ciba Found Study Group** 38:132-50, 1971 (22 ref.)
Pulmonary reactions to Micropolyspora faeni in sensitized rabbits. Kochman S, et al. **Clin Allergy** 2:307-15, Dec 72
Problems in blood coagulation. Ryan GM, et al. **Clin Anesth** 9:75-100, 1972
Investigations on acid phosphatase activity in human plasma and serum. Modder CP. **Clin Chim Acta** 43:205-14, 24 Jan 73
Cytogenetic findings in a parent of a patient with Fanconi's anemia. Lieber E, et al. **Clin Genet** 3:357-63, 1972
Surgical correction of scoliosis in a child with hemostatic abnormalities secondary to cyanotic congenital heart disease. Bunch WH, et al. **Clin Orthop** 89:139-42, 1972
Ultrastructural changes found in the endometrium of women using megestrol acetate for contraception. Feria-Velasco A, et al. **Contraception** 5:187-201, Mar 72
Variations of luteinizing hormone (LH) and blood platelets levels and preovulatory changes in vagina and cervix during the ovulatory cycle. Altmann P, et al. **Endocrinol Exp (Bratisl)** 7:137-40, 1973
Platelet embolic injury; the healing process. Lough J, et al. **Exp Mol Pathol** 17:132-44, Oct 72
Arterial endothelial permeability and vascular disease. The "trap door" effect. Robertson AL Jr, et al. **Exp Mol Pathol** 18:241-60, Apr 73
Effect of generation of mural platelet thrombi on circulating blood in rabbit aorta. Baumagartner HR, et al. **Experientia** 29:442-5, 15 Apr 73
Artero-venous differences in blood platelet clumping by ADP. Bottecchia D, et al. **Experientia** 29:211-2, 15 Feb 73
Significance of fixation procedure for preservation of arteries. Haudenschild C, et al. **Experientia** 28:828-31, 15 Jul 72
Electrophoretic behaviour of some human blood cells. Zerial A, et al. **Experientia** 28:1435-6, 15 Dec 72
Hematologic and blood chemistry data for the orangutan (Pongo pygmaeus). McClure HM, et al. **Folia Primatol (Basel)** 18:284-99, 1972
The influence of platelets on lipoprotein-lipase activity. Bucher HW. **Helv Med Acta** 37:49-54, 1973
Acute hepatic necrosis of hepatitis and mushroom poisoning. The value of coagulation tests in their differentiation, prognostic assessment and pathogenesis. Herold R, et al. **Helv Med Acta** 37:5-24, 1973
Exchange transfusion and hyperbaric oxygen in the treatment of children with acute hepatic failure. Blum D, et al. **Helv Paediatr Acta** 27:425-36, Sep 72
The behaviour of complement and platelets in lethal endotoxin shock in rabbits. Brown DL, et al. **Int Arch Allergy Appl Immunol** 45:193-205, 1973
The use of Cerenkov radiation in 32 P labeled platelet survival studies. Smith RD, et al. **Int J Appl Radiat Isot** 23:513-7, Nov 72
The effect of epinephrine on platelet aggregation in normal and atopic subjects. Solinger A, et al. **J Allergy Clin Immunol** 51:29-34, Jan 73
Alcohol-induced thrombocytopenia: review of the literature and report of case. Heiman JL. **J Am Dent Assoc** 85:1358-61, Dec 72 (17 ref.)
Immunologically mediated thrombocytopenia in the

dog. Wilkins RJ, et al.
J Am Vet Med Assoc 163:277-82, 1 Aug 73

Human hematologic responses to 4 hr of isobaric hyperoxic exposure (100 per cent oxygen at 760 mm Hg). Larkin EC, et al. J Appl Physiol 34:417-21, Apr 73

Effective erythropoiesis induced by 5beta-pregnane-3beta-hydroxy-20-one in squirrel monkeys. Besa EC, et al.
J Clin Invest 52:2278-82, Sep 73

Inhibitors of fibrinolysis: evidence of some instances of mutual potentiation. Coccheri S, et al.
J Clin Pathol 25:627-8, Jul 72

A clinical and experimental study of platelet function in chronic renal failure. Evans EP, et al.
J Clin Pathol 25:745-53, Sep 72

Effect of feeding fat on fibrinolysis, stypven time, and platelet aggregation in elderly Africans. Ferguson JC, et al. J Clin Pathol 25:574-6, Jul 72

Decompression sickness. Observations on haematological and biochemical parameters. Martin KJ. J Clin Pathol 25:1004-5, Nov 72

Intravascular coagulation and E. coli septicaemia. Preston FE, et al. J Clin Pathol 26:120-5, Feb 73

Automatic platelet counters. Rowan RM.
J Clin Pathol 25:1011, Nov 72

A study of antiheparin activity of serum and platelet factor 4. Sear CH, et al. J Clin Pathol 25:1007, Nov 72

A method for preparing and staining the platelet-collagen interaction for microscopic observation. Thompson RJ, et al.
J Clin Pathol 26:78-80, Jan 73

A neutrophil-immobilizing factor derived from human leukocytes. I. Generation and partial characterization. Goetzl EJ, et al. J Exp Med 136:1564-80, 1 Dec 72

A study of allograft kidney rejection occurring simultaneously in whole organ and ear chamber grafts in the rabbit. Hobbs JB, et al.
J Exp Med 137:776-98, 1 Mar 73

Activation of the alternate complement pathway by autologous red cell stroma. Poskitt TR, et al.
J Exp Med 138:715-22, 1 Sep 73

Group-specific polysaccharide antigen and humoral antibody response in disease due to Neisseria meningitidis. Hoffman TA, et al.
J Infect Dis 126:636-44, Dec 72

Scientific advances in transfusion. O'Riordan JP.
J Ir Med Assoc 66:27-36, 27 Jan 73 (29 ref.)

Thrombokinetics in dietary-induced folate deficiency in human subjects. Cowan DH, et al.
J Lab Clin Med 81:577-86, Apr 73

ADP as the cause of reversible inhibition of platelet retention in glass-bead columns. Friedberg NM, et al.
J Lab Clin Med 80:603-12, Oct 72

Blood-clotting mechanisms of nonhuman primates. Choice of the baboon model to simulate man. Todd ME, et al. J Med Primatol 1:132-41, 1972

Complex formation with heavy meromyosin of the isolated actin-like component of thrombosthenin, the contractile protein from blood platelets. Bettex-Galland M, et al. J Mol Biol 68:533-5, 28 Jul 72

Platelet kinetics and adenosine triphosphatase activity in AKR mice. Brodsky I, et al.
J Natl Cancer Inst 50:997-1001, Apr 73

Hematopoietic colony-forming units in mice infected by the polycythemia-inducing friend virus. 3. Pattern of blood recovery in irradiated mice grafted with normal or infected spleen cells. Wendling F, et al.
J Natl Cancer Inst 51:179-89, Jul 73

A preliminary study of 51 Cr-labeled platelets for evaluation of splenic sequestration in chronic lymphocytic leukemia. Oldham RK, et al.
J Nucl Med 14:219-22, Apr 73

The coagulation and fibrinolytic properties of peritoneal and venous blood in patients with ruptured ectopic pregnancy. Carty MJ, et al.
J Obstet Gynaecol Br Commonw 80:701-3, Aug 73

An electron-microscope study of defibrination during carbon clearance in rabbits stimulated by a tubercle bacillary lipid. Donald KJ. J Pathol 108:329-33, Dec 72

Renal renin in experimental nephrosclerosis. Mersereau WA, et al. J Pathol 108:319-27, Dec 72

The morphology of two-year-old healed platelet-rich thrombi in femoral arteries of normocholesterolaemic monkeys: light-and electron-microscope observations. Prathap K. J Pathol 110:145-51, Jun 73

Surface lining cells of healing thrombi in rat femoral veins: an electron-microscope study. Prathap K.
J Pathol 107:1-8, May 72

The mechanisms of canalisation in deep vein thrombosis. Sevitt S. J Pathol 110:153-65, Jun 73

Etiology and therapy of thrombocytopenia associated with sarcoidosis. Dickerman JD, et al.
J Pediatr 81:758-64, Oct 72

Meningococcal purpura: report of 19 patients treated with heparin. Gérard P, et al.
J Pediatr 82:780-6, May 73

Seizures associated with vincristine sulfate therapy. Johnson FL, et al. J Pediatr 82:699-702, Apr 73

Splenic sequestration crisis in childhood myelogenous leukemia. Peterson WH, et al.
J Pediatr 83:343-4, Aug 73

Comsumptive coagulopathy with renal vein thrombosis. Renfield ML, et al.
J Pediatr 82:1054-6, Jun 73

Arthritis as a presenting manifestation of malignancy in children. Schaller J. J Pediatr 81:793-7, Oct 72

Platelet counts, fibrinogen concentrations, and factor V and factor VIII levels in healthy infants according to gestational age. Sell EJ, et al.
J Pediatr 82:1028-32, Jun 73

An approach to acquired coagulation problems in the neonatal surgical patient. Asch MJ, et al.
J Pediatr Surg 8:227-34, Apr 73

The role of platelets in glomerulonephritis and transplantation. Wardle EN.
J R Coll Physicians Lond 7:5-18, Oct 72 (105 ref.)

Hematologic problems in pregnancy. II. Thrombotic (thrombohemolytic) thrombocytopenia purpura. Moon EC, et al. J Reprod Med 9:212-21, Nov 72

Regeneration of hemopoietic stroma in anemic mice of S1-S1 d and W-W v genotypes. Tavassoli M, et al.
J Reticuloendothel Soc 13:518-26, Jun 73

Hemorrhagic studies with severe hemodilution in profound hypothermia and cardiac arrest. Morgan H, et al. J Surg Res 14:459-64, May 73

Pathophysiology and new problems in total artificial heart. Akutsu T, et al.
J Thorac Cardiovasc Surg 64:762-71, Nov 72

Prolonged extracorporeal respiration with a membrane gas exchanger. Awad JA, et al.
J Thorac Cardiovasc Surg 66:40-51, Jul 73

Laboratory evaluation of a new silicone membrane oxygenator. Birnbaum D, et al.
J Thorac Cardiovasc Surg 64:441-51, Sep 72

Measurement of emboli in extracorporeal perfusion systems. Dutton RC, et al.
J Thorac Cardiovasc Surg 65:523-30, Apr 73

Development of an orthotopic cardiac prosthesis. Kennedy JH, et al.
J Thorac Cardiovasc Surg 65:673-83, May 73

Pediatric application of Landé-Edwards membrane oxygenator. Continuous perfusion and hypothermic arrest techniques. Wright JS, et al.
J Thorac Cardiovasc Surg 65:503-10, Apr 73

Platelet response and coagulation changes following massive blood replacement. Lim RC Jr, et al.
J Trauma 13:577-82, Jul 73

Subclinical fat embolism: a prospective study of 50 patients with extremity fractures. McCarthy B, et al.
J Trauma 13:9-16, Jan 73

Disseminated intravascular coagulation in burned patients. McManus WF, et al.
J Trauma 13:416-22, May 73

Autotransfusion: perspective and critical problems. Rakower SR, et al. J Trauma 13:573-4, Jun 73

Platelet transfusions and supportive care. A requirement for currently effective chemotherapy. Djerassi I. JAMA 222:1172-3, 27 Nov 72

Changes of blood cells at high altitude (II). Katsumoto K. Jap Circ J 36:1329-33, Dec 72

New concept on atherogenesis and treatment of atherosclerotic diseases. Shimamoto T.
Jap Heart J 13:537-62, Nov 72 (77 ref.)

Transfusion studies in von Willebrand's disease. Takahama T. Kumamoto Med J 25:122-6, 31 Dec 72

The induction of thrombosis in guinea pigs by a brain tumor. Odom MH, et al. Lab Invest 27:550-4, Dec 72

Thrombocytopenia of hibernation. Mechanism of induction and recovery. Reddick RL, et al.
Lab Invest 28:270-8, Feb 73

Effect of Newcastle disease virus on human or rabbit platelets. Aggregation and loss of constituents. Turpie AG, et al. Lab Invest 28:575-83, May 73

Thrombocythaemia in actinomycosis. Armata J, et al.
Lancet 1:261, 4 Aug 73

Search for a "sickling index". Kats BA.
Lancet 2:742-3, 29 Sep 73

Disseminated intravascular platelet aggregation in thrombotic thrombocytopenic purpura. Neame PB.
Lancet 1:1320-1, 9 Jun 73

Stressed template bleeding-time and other platelet-function tests in myocardial infarction. O'Brien JR, et al. **Lancet** 1:694-6, 31 Mar 73

Abnormal platelet function, population, and survival-time in a boy with congenital absent radii and thrombocytopenia. Sultan Y, et al. **Lancet** 2:653, 23 Sep 72

Haemolytic-uraemic syndrome: thrombocyturia after treatment with streptokinase and aspirin. Sutor AH, et al. **Lancet** 2:762, 7 Oct 72

Intracranial haemorrhage in low-birth-weight infants and prophylactic administration of coagulation-factor concentrate. Waltl H, et al. **Lancet** 1:1284-6, 9 Jun 73

Long-term blood abnormalities in thrombosis. Wardle EN. **Lancet** 2:442, 25 Aug 73

Maintenance chemotherapy for advanced Hodgkin's disease in remission. Young RC, et al. **Lancet** 1:1339-43, 16 Jun 73

Assay of platelet factor 4 in plasma. Fuster V, et al. **Mayo Clin Proc** 48:103-6, Feb 73

The spectrum of myeloproliferative disorders. Gilbert HS. **Med Clin North Am** 57:355-93, Mar 73 (129 ref.)

Principles of hematologic supportive care. Graw RG Jr, et al. **Med Clin North Am** 57:441-61, Mar 73 (128 ref.)

The prolonged use of trimethoprim-sulphonamide in urinary infection. Dawborn JK, et al. **Med J Aust** 1:Suppl:52-7, 30 Jun 73

Experience with a membrane oxygenator for open-heart surgery in infants and children. Fisk GC, et al. **Med J Aust** 2:932-4, 21 Oct 72

Clinical uses of human blood fractions. Schiff P. **Med J Aust** 1:22-6, 6 Jan 73

Surgical techniques in infancy: hypothermia, bypass and postoperative care. Shirotani H, et al. **Med J Aust** 2:Suppl:29-32, 12 Aug 72

Uses of blood and of blood components. **Med Lett Drugs Ther** 14:89-92, 24 Nov 72

Platelet neutral mucoprotein and plasma fibrinogen. Morelli AC, et al. **Medicina (B Aires)** 32:573-87, Nov-Dec 72

Hemorrhagic thrombocythemia. A case study. Andrushkiw R, et al. **Mich Med** 71:861-4, Oct 72

Experimental thrombus formation in mesenteric microvessels: evaluation of a method. Gordon JL, et al. **Microvasc Res** 6:108-15, Jul 73

New method for detection and quantitation of circulating platelet aggregates. Maca RD, et al. **Microvasc Res** 4:453-7, Oct 72

Effects of splenectomy and splenosis on the blood and platelet count and red cell morphology. Widmann WD, et al. **Milit Med** 136:15-9, Jan 71

Regulation of coagulation during prolonged perfusions using membrane oxygenation. Ryan GM, et al. **Mt Sinai J Med NY** 40:135-45, Mar-Apr 73

Plateletpheresis is an etymologic dud. Allen PM. **N Engl J Med** 288:1248, 7 Jun 73

Plateletpheresis or thrombocytapheresis. Diamandopoulos GT. **N Engl J Med** 289:222, 26 Jul 73

Postsplenectomy erythrocytosis in hemoglobin Köln disease. Egan EL, et al. **N Engl J Med** 288:929-31, 3 May 73

Platelet and fibrinogen consumption in man. Harker LA, et al. **N Engl J Med** 287:999-1005, 16 Nov 72

Platgelet transfusion for quinidine-induced thrombocytopenia. Moss RA, et al. **N Engl J Med** 288:522-3, 8 Mar 73

Variants of von Willebrand's disease. Pechet L, et al. **N Engl J Med** 288:1129-30, 24 May 73

Blood vessels, platelets and fibrinogen. Singer A. **N Engl J Med** 288:374, 15 Feb 73

Platelet survival and adhesiveness in recurrent venous thrombosis. Steele PP, et al. **N Engl J Med** 288:1148-52, 31 May 73

Selection of unrelated compatible platelet donors by lymphocyte HL-A matching. Yankee RA, et al. **N Engl J Med** 288:760-4, 12 Apr 73

Interaction between platelets and von Willebrand factor provides a new scheme for primary haemostasis. Caen JP, et al. **Nature [New Biol]** 244:159-60, 1 Aug 73

Failure of antilymphocytic globulin therapy in chronic progressive multiple sclerosis. MacFadyen DJ, et al. **Neurology (Minneap)** 23:592-8, Jun 73

Pathology of isoimmune purpura thrombocytopenica in piglets. Andersen S, et al. **Nord Vet Med** 25:211-9, Apr-May 73

Transfusions of platelets and white cells obtained from single donors. Szymanski IO, et al. **NY State J Med** 73:1859-63, 15 Jul 73

Thrombocytopenia indicating gram-negative infection and endotoxemia. Beller FK, et al. **Obstet Gynecol** 41:521-4, Apr 73

Acute leukemia in pregnancy. Ewing PA, et al. **Obstet Gynecol** 42:245-51, Aug 73

Defibrination in saline abortion. Schwartz R, et al. **Obstet Gynecol** 40:728-37, Nov 72

Management of autoimmune thrombocytopenia in pregnancy and in the neonate. Territo M, et al. **Obstet Gynecol** 41:579-84, Apr 73

Thrombosthenin, the contractile protein of blood platelets. New facts and problems. Lüscher EF, et al. **Pathol Biol (Paris)** Suppl:89-101, Dec 72 (85 ref.)

Thrombocytopenia as evidence of local thrombus: the umbilical arterial catheter. Nachman RL, et al. **Pediatrics** 50:825-6, Nov 72

Vasospasm in ischemic heart disease--a hypothesis. Hellstrom HR. **Perspect Biol Med** 16:427-40, Spring 73

Extracorporeal animal liver perfusion in patients in hepatic coma: anesthesiological problems. Kącki J, et al. **Pol Med J** 11:1573-82, 1972

Studies of the behavior of 5-hydroxyindoleacetic acid in experimental pulmonary embolism. Preibisz J. **Pol Med J** 11:1163-71, 1972

Laboratory approach to platelet disorders. Davey FR. **Postgrad Med** 54:109-12 passim, Aug 73

Preservation of viable platelets by freezing. Effect of plastic containers. Kim BK, et al. **Proc Soc Exp Biol Med** 142:345-50, Jan 73

Survival of washed rabbit platelets in vivo. Reimers HJ, et al. **Proc Soc Exp Biol Med** 142:1222-5, Apr 73

The procoagulant activity of granulocytes. Saba HI, et al. **Proc Soc Exp Biol Med** 142:614-20, Feb 73

Platelet factor 4 in platelet disorders--storage location and the requirement of endogenous ADP for its release. Weiss HJ, et al. **Proc Soc Exp Biol Med** 142:30-5, Jan 73

Glycoproteins as components of cellular membranes. Hughes RC. **Prog Biophys Mol Biol** 26:189-268, 1973 (470 ref.)

Molecular aspects of the mammalian cell surface. Mehrishi JN. **Prog Biophys Mol Biol** 25:1-70, 1972 (360 ref.)

The pharmacology of platelet inhibition. Weiss HJ. **Prog Hemostasis Thromb** 1:199-231, 1972 (246 ref.)

Early mortality in the megaloblastic anaemias. Lawson DH, et al. **Q J Med** 41:1-14, Jan 72

Effect of thrombocyte-rich plasma on x-ray induced bone marrow death in mice. Nakamura W. **Radiat Res** 55:118-28, Jul 73

Factors affecting survival in patients with cancer of the breast. A preliminary study. Hann HW, et al. **Res Commun Chem Pathol Pharmacol** 5:593-602, May 73

Ehrlichia canis and tropical canine pancytopaenia. Seamer J, et al. **Res Vet Sci** 13:307-14, Jul 72

Congenital deficiency of factor VII. First two cases reported in Venezuela. Guevara I, et al. **Rev Bras Pesqui Med Biol** 5:101-6, 1972 (Eng. Abstr.) (Pol)

A technic for the separation of rat platelet populations on a discontinuous sucrose gradient (application for platelet preservation). Francou C, et al. **Rev Eur Etud Clin Biol** 17:426-7, Apr 72

Aggregation of human gel-filtered platelets. Requirement of apyrase and proteins. Levy-Toledano S, et al. **Rev Eur Etud Clin Biol** 17:513-8, May 72

Radio-isotopic studies of erythrocytes, platelets and fibrinogen in the haemolytic-uraemic syndrome of infancy. Katz J, et al. **S Afr Med J** 46:848, 17 Jun 72

Purpura fulminans and disseminated intravascular coagulation. A report of 5 cases in childhood. Rainier-Pope CR. **S Afr Med J** 47:1420-2, 11 Aug 73

Oxymetholone therapy in aplastic and other refractory anaemias. Sacks P, et al. **S Afr Med J** 46:1607-15, 28 Oct 72

Thrombocytosis in ulcerative colitis and Crohn's disease. Talstad I, et al. **Scand J Gastroenterol** 8:135-8, 1973

Study on the correlation between Normotest, Quick's method, and specific coagulation factors in liver disease. Hadchouel P, et al. **Scand J Gastroenterol [Suppl]** 19:151-4, 1973

Coagulation factors as indicators of protein synthesis in chronic liver disease. Ritland S, et al. **Scand J Gastroenterol [Suppl]** 19:113-7, 1973

Autoimmune thrombocytopenia occurring in a young woman with idiopathic haemochromatosis. Habib MA, et al. **Scand J Haematol** 10:148-52, 1973

The relation of thrombokinetics to bone marrow megakaryocytes and to the size of the spleen in

polycythaemia vera. Kutti J, et al.
Scand J Haematol 10:88-95, 1973

The relationship between splenic platelet pool and spleen size. Kutti J, et al.
Scand J Haematol 9:351-4, 1972

Discrepancy between thrombotest and normotest--an indicator of disseminated intravascular coagulation (DIC)? Slaastad RA, et al.
Scand J Haematol 9:411-6, 1972

Discrepancy between normotest and thrombotest during thromboplastin induced intravascular coagulation in rabbits. Slaastad RA, et al.
Scand J Haematol 9:403-10, 1972

Cytogenetic studies during remission of blastic crisis in a patient with chronic myelocytic leukaemia. Srodes CH, et al. **Scand J Haematol** 10:130-5, 1973

Thrombocytosis in rheumatoid arthritis. Selroos O.
Schriftenr Ver Wasser Boden Lufthyg 1:136-40, 1972

Serotonin: radioimmunoassay. Peskar B, et al.
Science 179:1340-1, 30 Mar 73

Blood services: prices and public policy. Surgenor DM, et al. **Science** 180:384-9, 27 Apr 73

Platelets and vascular disease in gout. Bluhm GB, et al.
Semin Arthritis Rheum 2:355-66, 1973

Therapy of leukemia and lymphoma. Rigberg S, et al.
Semin Drug Treat 3:73-85, Summer 73

Hemostatic abnormalities associated with dysproteinemias. Lackner H.
Semin Hematol 10:125-33, Apr 73 (72 ref.)

Radionuclide techniques in pediatric hematology. Bardfeld PA. **Semin Nucl Med** 3:81-8, Jan 73

Complement and coagulation in Rocky Mountain spotted fever. Graybill JR, et al.
South Med J 66:410-3, Apr 73

Chronic intravascular coagulation syndrome associated with atherosclerotic aortic aneurysm. Schnetzer GW 3d, et al. **South Med J** 66:264-8, Feb 73

Studies on fibrinolytic activity in patients with Plasmodium falcipalum malaria. Areekul S, et al.
Southeast Asian J Trop Med Public Health 3:198-204, Jun 72

Coagulation and fibrinolysis in simian Plasmodium knowlesi malaria. Sucharit P, et al.
Southeast Asian J Trop Med Public Health 4:15-8, Mar 73

Role of platelets and serotonin in acute massive pulmonary embolism. Puckett CL, et al.
Surg Gynecol Obstet 137:618-22, Oct 73

Role of pulmonary microembolism in the hemodynamics of endotoxin shock. Robb HJ, et al.
Surg Gynecol Obstet 135:777-83, Nov 72

The Landé-Edwards membrane oxygenator for total cardiopulmonary support in 110 patients during heart surgery. Carlson RG, et al. **Surgery** 72:913-9, Dec 72

Clearance of endotoxin by platelets: role in increasing the accuracy of the Limulus gelation test and in combating experimental endotoxemia. Das J, et al.
Surgery 74:235-40, Aug 73

Experimental arterial embolism: a study using scanning electron microscopy to identify changes in luminal surface ultrastructure after exposure to implanted emboli. Hamer JD. **Surgery** 73:500-6, Apr 73

Prolonged use of a membrane oxygenator in air-breathing and hypoxic lambs. I. Venovenous bypass. Hanson EL, et al. **Surgery** 73:284-98, Feb 73

Pulmonary vascular response to endotoxin in intact dogs. Pennington DG, et al. **Surgery** 73:246-55, Feb 73

Arteriovenous fistula and false aneurysm as the cause of consumption coagulopathy. Rhodes GR, et al.
Surgery 73:535-40, Apr 73

Techniques of in vivo plasma modification for the treatment of hyperacute rejection. Shons AR, et al.
Surgery 73:28-37, Jan 73

Reduction of blood loss by restoration of platelet levels using fresh autologous blood after cardiopulmonary bypass. Wagstaffe JG, et al. **Thorax** 27:410-4, Jul 72

Coagulation changes induced by endotoxin and purified contact activation product. Barth P, et al.
Thromb Diath Haemorrh 28:280-8, 31 Oct 72

On the early detection of intravascular coagulation. An experimental study. Fedder G, et al.
Thromb Diath Haemorrh 27:365-76, 31 Jul 72

Acute promyelocytic leukemia in a patient with hemophilia. Evidence for rapid consumption of clotting factors. Green D.
Thromb Diath Haemorrh 27:516-22, 31 Jul 72

The effect of venous occlusion on the sequestration of blood platelets. Hladovec J, et al.
Thromb Diath Haemorrh 28:383-92, 31 Dec 72

Activation of Hageman factor by cardiac arrest. Latour JG, et al. **Thromb Diath Haemorrh** 27:543-53, 31 Jul 72

Prevention of the liquoid-induced consumption coagulopathy by the protease inhibitor aprotinin. Müller-Berghaus G, et al.
Thromb Diath Haemorrh 27:396-406, 31 Jul 72

Scanning electron microscopic observation of platelets in hemostasis. Shimamoto T, et al.
Thromb Diath Haemorrh 29:168-82, 28 Feb 73

Disseminated intravascular coagulation induced by liquoid in normal, thrombocytopenic and granulocytopenic rabbits. Light and electron microscope studies. Skjorten F, et al.
Thromb Diath Haemorrh 27:377-88, 31 Jul 72

Complement and coagulation. Serum beta-1c-beta-1a in disseminated intravascular coagulation. Tomar RH, et al. **Thromb Diath Haemorrh** 27:389-95, 31 Jul 72

Use of the megathrombocyte to demonstrate thrombopoietin. Weiner M, et al.
Thromb Diath Haemorrh 28:24-30, 31 Aug 72

Anti-HL-A antibody evolution in recipients of planned transfusions. Curtoni ES, et al.
Tissue Antigens 2:415-26, 1972

Standardization and stability of platelet suspensions in the complement-fixation test for HL-A antigens. Smith GS, et al. **Tissue Antigens** 1:14-22, 1971

Repeated platelet transfusions from HL-A compatible unrelated and sibling donors. Thorsby E, et al.
Tissue Antigens 2:397-404, 1972

Platelet aggregation technique used in the preparation of lymphocyte suspensions. Vives J, et al.
Tissue Antigens 1:276-8, 1971

Exotic snakebite in an urban setting: heparin therapy of disseminated intravascular coagulation in a patient bitten by a saw-scaled viper (Echis carinatus). Christy NP, et al. **Trans Am Clin Climatol Assoc** 84:37-48, 1973

Water as a biomaterial. Andrade JD, et al.
Trans Am Soc Artif Intern Organs 19:1-7, 1973 (72 ref.)

Effects of microemboli blood filtration during hemodialysis. Bischel MD, et al.
Trans Am Soc Artif Intern Organs 19:492-7, 1973

Arvin anticoagulation for prolonged extracorporeal membrane oxygenation. Büky B, et al.
Trans Am Soc Artif Intern Organs 19:56-60, 1973

Gas transfer and thrombogenesis in an annular membrane oxygenator with active blood mixing. Gaylor JD, et al.
Trans Am Soc Artif Intern Organs 19:516-24, 1973

The role of the platelet-dialysis membrane interaction in thrombus formation and blood loss during hemodialysis. Lindsay RM, et al.
Trans Am Soc Artif Intern Organs 19:487-91, 1973

Liquid-liquid oxygenation: a new approach. Wallace HW, et al.
Trans Am Soc Artif Intern Organs 19:80-6, 1973

Sporadic cases of haemorrhage and-or shock during dengue epidemics. Sarkas JK, et al.
Trans R Soc Trop Med Hyg 66:875-7, 1972

Studies of platelet concentrates stored at 22 C nad 4 C. Becker GA, et al. **Transfusion** 13:61-8, Mar 73

Di-2-ethylhexyl phthalate, a plasticizer contaminant of platelet concentrates. Jaeger RJ, et al.
Transfusion 13:107-11, Mar 73

Storage of human platelets in liquid nitrogen isotopic studies. Wybran J, et al.
Transfusion 12:413-7, Nov-Dec 72

Aplastic anemia treated by marrow transplantation. Buckner CD, et al. **Transplant Proc** 5:913-6, Mar 73

Erythrocyte deformation as a sign of renal homograft rejection. Guevarra AK, et al.
Transplantation 14:683-8, Dec 72

The wall and platelets--present status. Born GV.
Verh Dtsch Ges Inn Med 78:1205, 1972

The pathogenesis of the vascular lesions in experimental rickettsial disease of the guinea pig (Rocky Mountain Spotted fever group). A light, immunofluorescent and electron microscopic study. Brito T de, et al.
Virchows Arch [Pathol Anat] 358:205-14, 1973

Separation of platelet rich plasma and red cells with modified gelatin. Kummer H, et al.
Vox Sang 24:76-88, Jan 73

The effect of infusion sets on platelet concentrates as measured by aggregometry. Novak RF, et al.
Vox Sang 23:561-4, Dec 72

The effect of infusion sets on platelet concentrates as measured by aggregometry. Novak RF, et al.
Vox Sang 22:561-4, Dec 72

Thrombopoiesis in newborn infants after exchange

blood transfusion. Podolsak B.
Z Kinderheilkd 114:13-26, 22 Jan 73
Platelets in the cytoplasm of adrenocortical cells injured by temporary ischemia. Kovacs K, et al.
Z Mikrosk Anat Forsch 86:394-8, 1972
[Use of Cohn's ADL-fractionator for isolation of blood elements and preparation of antihemophilic cryoprotein from platelet-free plasma] Vopatová M, et al. Vnitr Lek 19:55-61, Jan 73 (Eng. Abstr.) (Cze)
[Study of blood platelet aggregation by means of the filtration pressure method] Larcan A, et al.
Agressologie 13:207-12, 1972 (Eng. Abstr.) (Fre)
[Ultrastructural aspects of the microcirculation in experimental hemorrhagic shock] Brinzeu P, et al.
Ann Anat Pathol (Paris) 17:199-209, Apr-Jun 72 (Eng. Abstr.) (Fre)
[Chronic lymphoid leukemia followed by periarteritis nodosa] Bastin R, et al.
Ann Med Interne (Paris) 124:119-25, Feb 73 (Fre)
[Acute relapse of idiopathic thrombopenic purpura during infectious episodes] Zittoun R, et al.
Ann Med Interne (Paris) 123:399-402, Apr 72 (Fre)
[Application of liquid-phase electrophoresis to the study of the ionized grouping of human platelets sensitive to alkaline phosphatase (phosphate groupings)] Larcan A, et al.
C R Acad Sci [D] (Paris) 276:2349-51, 9 Apr 73 (Fre)
[A new type of blood cell (the thrombocytoid) in Calliphora erythrocephala] Zachary D, et al.
C R Acad Sci [D] (Paris) 275:393-5, 17 Jul 72 (Fre)
[Study of the in-vitro degranulation of blood platelets with a quantitative ultrastructural method] Bryon PA, et al. C R Soc Biol (Paris) 166:893-8, 1972 (Fre)
[Defibrinating effect in dogs of FTH 50 (thrombinomimetic fraction of reptilase)] Follana R, et al. C R Soc Biol (Paris) 166:1341-5, 1972 (Fre)
[Ultrastructural and functional characteristics of blood platelets in blastic leukemia] Dobréva A, et al.
Folia Haematol (Leipz) 99:65-75, 1973 (Eng. Abstr.) (Fre)
[Blood and the derivatives in the treatment of hemorrhagic syndromes] Chataing B.
Lyon Med 19:Suppl:143-50, Apr 72 (Fre)
[57 cases of acute leukemia. Trial treatment with a semisynthetic daunorubicin derivative: 22,050 R.P] Bernard J, et al.
Nouv Presse Med 1:2149-52, 23 Sep 72 (Eng. Abstr.) (Fre)
[Major hepatectomy in man. Metabolic consequences] Huguet C, et al.
Nouv Presse Med 2:761-5, Mar 72 (Eng. Abstr.) (Fre)
[Platelet preservation at room temperature] Kaptué L.
Nouv Presse Med 1:2047-8, 9 Sep 72 (Fre)
[In vitro coagulation in chronic urticaria] Palma-Carlos AG, et al. Nouv Presse Med 1:3203, 30 Dec 72 (Fre)
[Electrokinetic properties of human blood platelets] Larcan A, et al.
Nouv Rev Fr Hematol 13:119-34, Jan-Feb 73 (Eng. Abstr.) (Fre)
[Electronic measurement of the distribution of blood platelet volumes] Prost-Dvojakovic RJ, et al.
Pathol Biol (Paris) 21:213-22, Feb 73 (Eng. Abstr.) (Fre)
[Bone marrow insufficiency and pregnancy] Toulouse R, et al.
Rev Fr Gynecol Obstet 67:525-7, Oct 72 (Eng. Abstr.) (Fre)
[The pathogenesis of thrombosis] Hugues J.
Rev Med Liege 28:11-3, 1 Jan 73 (Fre)
[Indications of blood cell and platelet concentrates] Chataing B, et al.
Rev Prat 22:1453-4 passim, 21 Mar 72 (Fre)
[Progress in blood transfusion] Soulier JP.
Rev Prat 22:1435-6 passim, 21 Mar 72 (Fre)
[Attempt to treat chronic idiopathic thrombopenia with antirubella vaccine] Clément F.
Schweiz Med Wochenschr 102:1616-7, 4 Nov 72 (Eng. Abstr.) (Fre)
[Thrombelastography and oral contraceptives] Delacrétaz-Dubugnon F.
Schweiz Med Wochenschr 102:48-52, 15 Jan 72 (Eng. Abstr.) (Fre)
[Short term toxicity and efficacy of 4 different cytosine-arabinoside regimens in 40 cases of human solid tumors] Israel L, et al.
Sem Hop Paris 48:3093-7, 20 Nov 72 (Eng. Abstr.) (Fre)
[Treatment of acute myeloblastic leukemia] Jacquillat C, et al. Therapeutique 49:221-5, Mar 73 (Fre)
[The spontaneous standardized platelets adhesion and aggregation in the counting chamber. A simple way of determination of platelet function from small blood volumes] Podolsak B.
Acta Haematol (Basel) 49:96-107, 1973 (Ger)
[Ultrastructure of normal arterioles and their alterations after experimental coli endotoxin shock] Drommer W.
Acta Neuropathol (Berl) 22:29-41, 1972 (Eng. Abstr.) (Ger)
[Fresh blood or its components for a directed transfusion therapy] Ehrich CC.
Anaesthesist 22:274-5, Jun 73 (Eng. Abstr.) (Ger)
[Experimental studies on the problem of local Shwartzman phenomenon in the skin. V. Observations on the significance of blood coagulation disorders during provocation of the phenomenon in an endotoxin-free guinea pig model] Illig L, et al.
Arch Dermatol Forsch 246:11-26, 29 Jan 73 (Eng. Abstr.) (Ger)
[Comparative studies on pathology and pathogenesis of spontaneous coli enterotoxemia and experimental coli endotoxin syndrome in pigs. 2. Demonstration and evaluation of pathophysiologic studies in pigs following intravenous continuous drip infusion of endotoxin] Johannsen U, et al.
Arch Exp Veterinaermed 26:395-430, 1972 (Eng. Abstr.) (Ger)
[Dependence of blood sugar and thrombocyte count on 11 hydroxycorticosteroids in the calf] Völker H, et al.
Arch Exp Veterinaermed 26:173-82, 1972 (Eng. Abstr.) (Ger)
[Studies on the number and function of platelets in experimental endotoxic shock of the rabbit] Loew D, et al. Beitr Pathol 147:249-65, 1972 (Eng. Abstr.) (Ger)
[Ultrastructure of hyperacute rejection of xenogeneic liver grafts] Roessner A, et al.
Beitr Pathol 147:119-32, 1972 (Eng. Abstr.) (Ger)
[Radiometric indices and splenectomy in the hepatic form of essential thrombopenia] Dimitrow L, et al.
Blut 26:134-40, Feb 73 (Eng. Abstr.) (Ger)
[Leukocyte groups and blood transfusion] Weise W.
Blut 27:1-5, Jul 73 (30 ref.) (Ger)
[Pathological anatomy of Waterhouse-Friderichsen syndrome with special reference to disseminated intravascular coagulation] Harms D, et al.
Dtsch Med Wochenschr 98:542-7, 16 Mar 73 (Eng. Abstr.) (Ger)
[Determination of adhesiveness and disposition to aggregation of blood platelets. Clinical value for detection of a disposition to thrombosis] Poliwoda H.
Dtsch Med Wochenschr 98:164-7, 26 Jan 73 (Ger)
[Comparison of the blood clotting system in man, rabbit, dog, and swine] Kaše F.
Folia Haematol (Leipz) 97:302-7, 1972 (Eng. Abstr.) (Ger)
[Initial results of clinical compatibility testing of antihuman lymphocyte globulin (AHLG-Dessau)] Preussner S, et al.
Folia Haematol (Leipz) 98:31-45, 1972 (Eng. Abstr.) (Ger)
[Studies on cryoprecipitates. 1. Distribution of antihemophilic globulin A (factor VIII) and of thrombocytes in cryoprecipitation] Uteg KH, et al.
Folia Haematol (Leipz) 97:322-31, 1972 (Eng. Abstr.) (Ger)
[Studies of 131 I fibrinogen storage by the Yoshida sarcoma of rats] Heyes H, et al.
Fortschr Geb Roentgenstr Nuklearmed 118:86-91, Jan 73 (Eng. Abstr.) (Ger)
[Blood platelet function following surgery of the gastrointestinal tract] Fürstenberg HS, et al.
Fortschr Med 90:557, 11 May 72 (Ger)
[Methods for determination of the thrombopenic index and its practical significance in the detection of drug allergies] Klaschka F. Hautarzt 23:426-7, Sep 72 (Ger)
[Disseminated intravascular coagulation due to shock and its treatment with heparin] Hörder MH, et al.
Helv Chir Acta 39:585-8, Dec 72 (Ger)
[Treatment problems in acute circulation disorders of the inner ear using low molecular dextrans] Förster KH, et al. HNO 20:208-11, Jul 72 (Eng. Abstr.) (Ger)
[Studies on cellular auto-metabolism of preserved blood] Heller W, et al.
Hoppe Seylers Z Physiol Chem 353:1524, Oct 72 (Ger)
[Vitamin A overdosage. II. Cytological and biochemical changes in blood from high doses of vitamin A with and without alpha-tocopherol treatment] Soliman MK.
Int J Vitam Nutr Res 42:576-82, 1972 (Eng. Abstr.) (Ger)
[Efficiency and limits of laboratory diagnosis of diffuse

intravascular blood coagulation processes] Heene DL, et al. **Internist (Berlin) 14:154-9, Apr 73 (Ger)**

[The role of blood group compatibility in corneal transplantation] Mailáth L, et al.
Klin Monatsbl Augenheilkd 160:550-3, May 72 (Eng. Abstr.) (Ger)

[Ocular and metabolic findings in patients on oral contraceptives] Verbeck B.
Klin Monatsbl Augenheilkd 162:612-21, May 73 (Eng. Abstr.) (Ger)

[Blood coagulation and fibrinolysis in arteriosclerotic occlusions of the arteries of the extremities] Jipp P, et al.
Klin Wochenschr 50:689-95, 15 Jul 72 (Eng. Abstr.) (Ger)

[Pathophysiology of thrombocytes in shock] Remmele W, et al.
Klin Wochenschr 51:3-9, Jan 73 (109 ref.) (Ger)

[The lung in shock: accumulation of thrombocytes following trauma and intravasal coagulation] Bergentz SE, et al.
Langenbecks Arch Chir 329:658-64, Dec 71 (Eng. Abstr.) (Ger)

[Diagnosis and therapy of blood coagulation disorders in obstetrics and gynecology] Felder KD.
Med Klin 67:1220-6, 22 Sep 72 (Ger)

[Disseminated intravascular coagulation as a hemorrhagic complication in surgery] Glassner K, et al. **Med Monatsschr 26:233-5, May 72 (Ger)**

[Function, aggregation tendency and adhesiveness of thrombocytes in comparison with blood viscosity in Von Willebrand's syndrome and uremia] Angelkort B, et al. **Med Welt 23:1808-10, 25 Nov 72 (Ger)**

[Dependence of euglobulinolysis time from the plasma platelet content] Bruhn HD.
Med Welt 23:1691, 11 Nov 72 (Ger)

[Advances in the question of thrombocyte replacement in aplastic thrombopenia] Evenkamp G, et al.
Med Welt 23:1385-6, 30 Sep 72 (Ger)

[Hemorrhage disposition during hemodialysis caused by intermembrane exhaustion of thrombocytes and coagulation factors] Köstering H, et al.
Med Welt 23:1749-52, 18 Nov 72 (Ger)

[Parietal thromboplastin time, thromboplastin time fibrinogen, thrombin time and thrombocyte count in healthy and sick newborn infants] Göbel U, et al.
Monatsschr Kinderheilkd 120:484-8, Dec 72 (Eng. Abstr.) (Ger)

[Influence of single and repeated hemodialises on the blood coagulation status] Albert FW, et al.
Munch Med Wochenschr 114:1917-21, 3 Nov 72 (Eng. Abstr.) (Ger)

[Significance of leucocyte groups for blood transfusion] Weise W.
Munch Med Wochenschr 114:1266-9, 14 Jul 72 (Eng. Abstr.) (Ger)

[Tumor cell synchronization in combined cytostatic treatment and radiotherapy] Gremmel H, et al.
Strahlentherapie 144:35-9, Jul 72 (Eng. Abstr.) (Ger)

[Coagulation changes following injection of a purified contact activation product] Barth P, et al.
Verh Dtsch Ges Inn Med 77:1029-32, 1971 (Ger)

[Induction of microthrombi through arwin infusion in the rabbit] Müller-Berghaus G, et al.
Verh Dtsch Ges Inn Med 78:1614-6, 1972 (Ger)

[Experimental decompression sickness in rabbits. Coagulation changes and therapeutic influencing] Schimpf K, et al.
Verh Dtsch Ges Inn Med 77:1027-9, 1971 (Ger)

[Laboratory-chemical studies on portal blood] Rieche K, et al. **Z Exp Chir 4:190-2, 1971 (Eng. Abstr.) (Ger)**

[Thromboembolic complications in pregnancy and during delivery] Ludwig H.
Z Geburtshilfe Perinatol 176:169-82, Jun 72 (47 ref.) (Eng. Abstr.) (Ger)

[Functional properties of thrombocytes in pediatric age groups] Altemeyer KH, et al.
Z Kinderheilkd 113:257-87, 1972 (Eng. Abstr.) (Ger)

[Sekunden phenomenon of vital reaction demonstrated on arterial stab injuries] Böhm E, et al.
Z Rechtsmed 71:235-42, 1972 (Eng. Abstr.) (Ger)

[Electron microscopic findings in liver sinusoids following injection of vascular-permeability-reducing substance into the portal vein] Cossel L.
Zentralbl Allg Pathol 116:401-9, 1972 (Ger)

[Urgency and technic of thromboembolism prevention in surgery] Neef H, et al.
Zentralbl Chir 98:81-9, 19 Jan 73 (17 ref.) (Ger)

[Determination of the optimal time for conception with special reference to changes in cervical secretion] Donat H.
Zentralbl Gynaekol 95:561-73, 27 Apr 73 (Ger)

[Severe hemorrhagic diathesis in visceral lupus erythematosus in pregnancy] Hengst P, et al.
Zentralbl Gynaekol 94:1014-8, 12 Aug 72 (Ger)

[Thrombocyte count by micromethods in bacterial infections in newborn infants] Antal MT.
Orv Hetil 114:920-2, 22 Apr 73 (Hun)

[Inflammatory aspects and therapeutic possibilities of rheumatic diseases. Introduction] Ballabio CB, et al.
Minerva Med 64:2385-94, 20 Jun 73 (Ita)

[Heredofamilial thrombocytopenia] Fieschi A.
Minerva Med 64:1863-70, 19 May 73 (Eng. Abstr.) (Ita)

[Hematological modifications as a result of an acute exposure to heat] Rota P.
Riv Med Aeronaut Spaz 35:36-50, Jan-Jun 72 (Eng. Abstr.) (Ita)

[Changes in clotting mechanism in consumption coagulopathy] Maekawa T, et al.
Jap J Clin Hematol 13:167-76, Apr 72 (Eng. Abstr.) (Jap)

[Consumption coagulopathy observed mainly in obstetrics] Masaki M.
Jap J Clin Hematol 13:195-7, Apr 72 (Jap)

[Function and metabolism of the platelets] Odake K.
Jap J Clin Med 31:775-82, Apr 73 (48 ref.) (Jap)

[Pathology of hemorrhage and thrombosis] Tanaka K.
Jap J Clin Med 31:743-54, Apr 73 (44 ref.) (Jap)

[Platelet counting with micro cell counter] Sato K, et al. **Jap J Clin Pathol 21:461-4, May 73 (Jap)**

[Vitamin E, unsaturated fatty acids, blood platelets and prostaglandins. A correction and addition] Naess K.
Tidsskr Nor Laegeforen 93:331, 20 Feb 73 (Nor)

[Normal peripheral blood picture in healthy children aged 2 weeks to 3 years] Werbińska B.
Acta Haematol Pol 3:5-21, Jan-Mar 72 (Eng. Abstr.) (Pol)

[Behavior of blood platelets in extracorporeal circulation] Grundman J.
Pol Przegl Chir 45:15-21, Jan 73 (Eng. Abstr.) (Pol)

[Peripheral platelet count in viral hepatitis] Maslowski W. **Wiad Lek 26:590-4, 1 Apr 73 (Eng. Abstr.) (Pol)**

[Scope and evaluation of results of hematologic tests made during periodic medical inspection of personnel exposed to the chronic action of radiation] Gus'kova AK, et al.
Gig Tr Prof Zabol 16:18-21, Aug 72 (Eng. Abstr.) (Rus)

[Electron microscopic studies of thrombocytes in families of patients with coronary atherosclerosis] Bolonina VP, et al.
Kardiologiia 12:42-5, Mar 72 (Eng. Abstr.) (Rus)

[Effect of the vascular wall on the functional properties of thrombocytes] Korobkin AB.
Kardiologiia 13:99-103, 1973 (Eng. Abstr.) (Rus)

[Changes in the functional properties of thrombocytes in surgical patients] Kuzin MI, et al.
Klin Med (Mosk) 50:123-9, Sep 72 (Eng. Abstr.) (Rus)

[Significance of a number of platelet-forming cells in the peripheral blood in patients with varicose dilatation of the veins] Razin VF, et al.
Klin Med (Mosk) 51:84-6, Apr 73 (Rus)

[Evaluation of the basic methods of studying primary hemostasis and the dynamic function of blood platelets (review of the literature)] Shitikova AS.
Lab Delo 11:648-56, 1972 (100 ref.) (Rus)

[Various indices of thrombocytopoiesis in children with Werlhof's disease] Zubova VA, et al.
Lab Delo 9:569-71, 1972 (Rus)

[The effect of dibotin on carbohydrate metabolism indices and the coagulation properties of capillary blood in diabetes mellitus] Mitskevich SI, et al.
Probl Endokrinol (Mosk) 18:17-20, Nov-Dec 72 (Eng. Abstr.) (Rus)

[Thrombocytopoietic activity of blood plasma filtrates in acute leukemia] Baranov AE, et al.
Probl Gematol Pereliv Krovi 18:55-7, Jan 73 (Rus)

[The role of thrombocytes in pathogenesis of cerebral complications of atherosclerosis] Petrova TR, et al.
Ter Arkh 44:22-6, Sep 72 (Eng. Abstr.) (Rus)

[Role of the vascular wall in the process of hemostasis] Kuznik BI.
Usp Sovrem Biol 75:61-85, Jan-Feb 73 (258 ref.) (Rus)

[Role of cryoprotectors as stabilizers of water in biological media] Medvedev PM, et al.
Usp Sovrem Biol 75:46-60, Jan-Feb 73 (100 ref.) (Rus)

[The condition of the formed elements of the blood in acute and chronic hemorrhage (a review of Soviet and foreign literature)] Golovin GV, et al.
Vestn Khir 108:136-41, Apr 72 (Rus)

[Thrombelastography applied to the study of

hypercoaguability] Vaillant SB, et al.
Rev Clin Esp 125:533-8, 30 Jun 72 (Eng. Abstr.) (Spa)
[Separation and blood component therapy] Cedergren B.
Lakartidningen 69:Suppl 4:59-64, 27 Dec 72 (Eng. Abstr.) (Swe)
[Management of upper gastrointestinal bleeding. 6. Is a rare blood group an indication for operation?] Gullbring B.
Lakartidningen 69:4957-8, 18 Oct 72 (Eng. Abstr.) (Swe)
[Therapy with blood and blood products]
Lakartidningen 69:Suppl 4:53-4, 27 Dec 72 (Swe)
[Preparation of thrombocyte concentrates from donors with the use of heparin and intensive plasmapheresis] Smálik S, et al.
Bratisl Lek Listy 58:444-50, Oct 72 (Eng. Abstr.) (Slo)

ANALYSIS

Comparison of the main lipids in platelets and plasma in man. Nordoy A, et al.
Acta Med Scand 193:59-64, Jan-Feb 73
Assay of platelet ATP and ADP by the luciferase method: some theoretical and practical aspects. David JL, et al. **Adv Exp Med Biol** 34:341-54, 1972
The platelet populations. Vainer H.
Adv Exp Med Biol 34:191-217, 1972
Metabolic disorders of platelets. Hellem AJ.
Adv Intern Med 17:171-87, 1971 (69 ref.)
Coagulation changes in saline-induced abortion. Laros RK Jr, et al. **Am J Obstet Gynecol** 116:271-6, 15 May 73
Contractile proteins of endothelial cells, platelets and smooth muscle. Becker CG, et al.
Am J Pathol 71:1-22, Apr 73 (34 ref.)
Glycogen distribution in rat blood platelets. Davis RB.
Am J Pathol 72:241-52, Aug 73
Laboratory tests of platelet function. Day HJ, et al.
Ann Clin Lab Sci 2:63-74, Jan-Feb 72
The fibrin-stabilizing factor. A decade of progress. Mandel EE.
Ann Clin Lab Sci 1:92-9, Jul-Aug 71 (71 ref.)
Thromboasthenia. Morse EE, et al.
Ann Clin Lab Sci 2:432-9, Nov-Dec 72
The platelet as an inflammatory cell. Nachman RL, et al.
Ann NY Acad Sci 201:131-7, 27 Oct 72
Epsilon-(gamma-glutamyl) lysine cross-links: determination in fibrin from normal and factor XIII-deficient individuals. Pisano JJ, et al.
Ann NY Acad Sci 202:98-113, 8 Dec 72
The leukocytes and platelets of a marsupial, Trichosurus vulpecula. A comparative morphological, metrical and cytochemical study. Barbour RA.
Arch Histol Jap 34:311-60, Jul 72
An acquired inhibitor to factor XIII. McDevitt NB, et al.
Arch Intern Med 130:772-7, Nov 72
Qualitative platelet defects with reduced life-span in acute leukaemia. Van der Weyden MB, et al.
Aust NZ J Med 2:339-45, Nov 72
The differential effect of Ca-ATP and Mg-ATP on platelet actomyosin. Abramowitz J, et al.
Biochem Biophys Res Commun 49:958-63, 15 Nov 72
Lipid composition of membranes of amine-storage organelles. Da Prada M, et al.
Biochem J 127:681-3, May 72
Effect of trypsin on the exposed polypeptides and glycoproteins in the human platelet membrane. Phillips DR. **Biochemistry** 11:4582-8, 21 Nov 72
Studies with phosphodiesterase. 3. Two forms of the enzyme from human blood platelets. Amer MS, et al.
Biochim Biophys Acta 309:149-56, 5 May 73
Sulfhydryl and disulfide groups of platelet membranes. II. Determination of disulfide groups. Ando Y, et al.
Biochim Biophys Acta 311:38-44, 7 Jun 73
Sulfhydryl and disulfide groups of platelet membranes. I. Determination of sulfhydryl groups. Ando Y, et al.
Biochim Biophys Acta 311:26-37, 7 Jun 73
Platelet adhesiveness and aggregation. II. Surface sialic acid, glycoprotein: N-acetylneuraminic acid transferase, and neuraminidase of human blood platelets. Bosmann HB.
Biochim Biophys Acta 279:456-74, 25 Oct 72
Studies on thrombosthenin a, the actin-like moiety of the contractile protein from blood platelets. I. Isolation, characterization and evidence for two forms of thrombosthenin A. Probst E, et al.
Biochim Biophys Acta 278:577-84, 31 Oct 72
Bio-medical engineering at the University of Utah. Greenfield H. **Biomed Eng** 8:148-53, Apr 73
Nucleotide profiles of the formed elements of human blood determined by high-pressure liquid chromatography. Scholar EM, et al.
Blood 41:927-36, Jun 73
Platelets and initiation of intrinsic clotting. Schiffman S, et al. **Br J Haematol** 24:633-42, May 73
Extraction, localization, and metabolism of di-2-ethylhexyl phthalate from PVC plastic medical devices. Jaeger RJ, et al.
Environ Health Perspect 3:95-102, Jan 73
Accumulation of di-2-ethylhexyl phthalate (DEHP) in whole blood, platelet concentrates, and platelet-poor plasma. 1. Effect of DEHP on platelet survival and function. Valeri CR, et al.
Environ Health Perspect 3:103-18, Jan 73
Storage of 5-hydroxytryptamine in human blood platelets. Da Prada M, et al.
Experientia 28:1328-9, 15 Nov 72
Isolation and some properties of the heparin-neutralizing factor (PF4) released from human blood platelets. Käser-Glanzmann R, et al.
Experientia 28:1221-3, 15 Oct 72
Cyclic AMP of blood platelets: accumulation in organelles storing 5-hydroxytryptamine and ATP. Prada M da, et al. **Experientia** 28:845-6, 15 Jul 72
A calcium-sensitizing system from human platelets and its activity on muscle and platelet actomyosin. Thorens S, et al. **Experientia** 29:349-51, 15 Mar 73
Solubilization of HL-A antigens from peripheral blood leukocytes. Etheredge EE, et al.
Immunol Commun 2:141-9, 1973
Platelet lipids and coagulation in plasma. I. Isolation and analysis. Boggust WA.
Ir J Med Sci 141:128-35, Jul-Sep 72
Human platelet actin. Isolation and properties. Booyse FM, et al. **J Biol Chem** 248:4083-91, 10 Jun 73
Iodination of the human platelet membrane. Studies of the major surface glycoprotein. Nachman RL, et al.
J Biol Chem 248:2928-36, 25 Apr 73
Identification of inorganic pyrophosphate in human platelets and its release on stimulation with thrombin. Silcox DC, et al. **J Clin Invest** 52:1595-600, Jul 73
Identification of inorganic pyrophosphate in human platelets and its release on stimulation with thrombin. Silcox DC, et al. **J Clin Invest** 22:1595-600, Jul 73
Degradation products of fibrinogen and fibrin in bacteremia due to gram-negative rods. Satterwhite TK, et al. **J Infect Dis** 127:437-41, Apr 73
Platelet metabolism in acute leukemia. Cowan DH.
J Lab Clin Med 82:54-66, Jul 73
Regulation of cyclic AMP levels and aggregation in human platelets by prostaglandin E . McDonald JW, et al. **J Lab Clin Med** 81:838-49, Jun 73
Sphingolipid composition of human platelets. Tao RV, et al. **J Lipid Res** 14:16-25, Jan 73
A tropomyosin-like protein from human platelets. Cohen I, et al. **J Mol Biol** 68:383-7, 21 Jul 72
Circulating fibrin in meningococcemia. Kisker CT, et al.
J Pediatr 82:787-91, May 73
Midtrimester abortion using intra-amniotic prostaglandin F2 alpha with intravenous Syntocinon. Anderson GG, et al. **J Reprod Med** 9:434-6, Dec 72
Long-term blood abnormalities in thrombosis.
Lancet 2:133-4, 21 Jul 73
Glanzmann's thrombasthenia and reduced glutathione. Beutler E. **N Engl J Med** 287:1094-5, 23 Nov 72
Deficiency of glutathione peroxidase associated with high levels of reduced glutathione in glanzmann's thrombasthenia. Karpatkin S, et al.
N Engl J Med 287:1062-6, 23 Nov 72
Changes in the adenylate energy charge in human blood platelets induced by adenosine diphosphate. Mills DC.
Nature [New Biol] 243:220-2, 13 Jun 73
5-hydroxytryptamine in platelets and brain of rabbits treated chronically with imipramine, morphine or methadone. Ahtee L, et al.
Naunyn Schmiedebergs Arch Pharmacol 277:429-36, 30 Apr 73
Thrombosthenin--some new aspects. Luscher EF.
Nouv Rev Fr Hematol 12:702-3, Sep-Oct 72
Biochemical diagnosis of malignant carcinoid tumours. Hinterberger H, et al. **Pathology** 5:1-8, Jan 73
Down's syndrome: transport, storage, and metabolism of serotonin in blood platelets. Lott IT, et al.
Pediatr Res 6:730-5, Sep 72
Liver efficiency of patients treated with extracorporeal perfusion because of coma complicating viral hepatitis. Biochemical and coagulological studies. Kassur B, et al.
Pol Med J 11:786-92, 1972
Generalized plane xanthomata with

macroglobulinaemia. Millard LG.
Proc R Soc Med 66:325-6, Apr 73

Fibrinogen associated with subcellular platelet particles. Day HJ, et al.
Scand J Haematol 10:136-43, 1973

Ultrastructural studies of platelet 'activation' and aggregation in normal spleen from different species. Elgjo RF, et al. **Scand J Haematol** 9:587-602, 1972

Studies on platelets and fibrin during rejection of canine renal allografts. Claes G.
Scand J Urol Nephrol 10:1-24, 1972

Complement-induced platelet protein alterations. Zimmerman TS, et al. **Science** 180:1183-5, 15 Jun 73

Differing procoagulant activities in the extracted lipids of high and low density pitelet plasma membranes. Barber AJ, et al.
Thromb Diath Haemorrh 28:206-12, 31 Oct 72

Changes associated with platelet aging. Ginsburg AD, et al. **Thromb Diath Haemorrh** 27:407-15, 31 Jul 72

Adenine nucleotide metabolism of human platelets during collagen-induced aggregation. Murakami M, et al. **Thromb Diath Haemorrh** 27:416-24, 31 Jul 72

Use of the megathrombocyte to demonstrate thrombopoietin. Weiner M, et al.
Thromb Diath Haemorrh 28:24-30, 31 Aug 72

Proteolytic inhibitors, contact and other variables in the release reaction of human platelets. Zucker MB.
Thromb Diath Haemorrh 28:393-407, 31 Dec 72

Di-2-ethylhexyl phthalate, a plasticizer contaminant of platelet concentrates. Jaeger RJ, et al.
Transfusion 13:107-11, Mar 73

[Simple method for extraction and purification of 5-hydroxytryptamine (serotonin) from blood platelets] Chauvel Y, et al.
Ann Biol Clin (Paris) 31:231-6, 1973 (Eng. Abstr.) (Fre)

[Relaxation system in platelets] Cohen I, et al.
Nouv Rev Fr Hematol 12:703, Sep-Oct 72 (Fre)

[Molecular structure of human fibrin stabilizing factors] Bohn H, et al.
Blut 25:235-48, Oct 72 (Eng. Abstr.) (Ger)

[Content and liberation of adenine nucleotides from isolated thrombocytes of cancer patients prior and during treatment] Wand H, et al.
Dtsch Gesundheitsw 27:1072-6, 8 Jun 72 (Eng. Abstr.) (Ger)

[Ultrahistochemical studies on megakaryocyte membranes] Geyer G, et al.
Folia Haematol (Leipz) 98:233-45, 1972 (Eng. Abstr.) (Ger)

[Ultrahistochemical studies with X-ray microanalysis: evidence of biogenic amines in human thrombocytes] Hess H, et al.
Klin Wochenschr 50:776-82, 15 Aug 72 (Eng. Abstr.) (Ger)

[Increase of beta-alanine in lymphocytes and thrombocytes for the biochemical diagnosis of cystinosis] Wenske G, et al.
Klin Wochenschr 50:1082-4, 1 Dec 72 (Eng. Abstr.) (Ger)

[Quality control in the hematologic laboratory] Bucher HJ.
Schweiz Med Wochenschr 102:1857-66, 23 Dec 72 (Eng. Abstr.) (Ger)

[Separation and isolation of the platelet-aggregating plasma factor] Krzywanek HJ, et al.
Verh Dtsch Ges Inn Med 77:152-4, 1971 (Ger)

[Ultrahistochemical studies on thrombocytes (demonstration of biogenic amines)] Mallasch M, et al. **Verh Dtsch Ges Inn Med** 78:704-7, 1972 (Ger)

[Proliferation kinetics of normal and leukemic hemopoiesis in acute leukemia] Hoelzer D, et al.
Wien Klin Wochenschr 85:470-3, 29 Jun 73 (Eng. Abstr.) (Ger)

[Current therapy of hypersplenism based on studies of cellular kinetics] Pöttgen W.
Minerva Med 64:1684-7, 5 May 73 (Ita)

[Microstructure of the platelets] Kosaki G, et al.
Jap J Clin Med 31:765-8, Apr 73 (23 ref.) (Jap)

[The distribution of microelements in the plasma and formed elements of the blood in chronic pancreatitis] Revutskiĭ BI.
Klin Med (Mosk) 50:101-4, Sep 72 (Eng. Abstr.) (Rus)

[A light and phase contrast study of the thrombocytes of children with thrombocytopenic purpura] Lakina SK, et al. **Lab Delo** 7:424-6, 1972 (Rus)

CYTOLOGY

Scanning electron microscopy of human peripheral blood cells. Hattori A.
Acta Haematol Jap 35:457-82, Aug 72

Evaluation of oral urea in the management of sickle cell anemia. Lusher JM, et al.
Adv Exp Med Biol 28:303-21, 1972

Measurement of platelet aggregation and shape change. Michal F. **Adv Exp Med Biol** 34:257-62, 1972

Metabolic disorders of platelets. Hellem AJ.
Adv Intern Med 17:171-87, 1971 (69 ref.)

Platelet interaction with bacteria. 3. Ultrastructure. Clawson CC. **Am J Pathol** 70:449-71, Mar 73

Freeze-etch observations on the plasma membrane and other structures of normal and abnormal platelets. Reddick RL, et al. **Am J Pathol** 70:473-88, Mar 73

The pathogenesis of epizootic hemorrhagic disease of deer: an electron microscopic study. Tsai K, et al.
Am J Pathol 70:379-400, Mar 73

Ultrastructural findings in storage pool disease and aspirin-like defects of platelets. Weiss HJ, et al.
Am J Pathol 71:447-66, Jun 73

Exocytosis of secretory organelles from blood platelets incubated with cationic polypeptides. White JG.
Am J Pathol 69:41-54, Oct 72

The fine structure of freeze-fractured blood platelets. White JG, et al. **Am J Pathol** 70:45-56, Jan 73

Avian thrombocyte aggregation and shape change in vitro. Grant RA, et al. **Am J Physiol** 225:340-3, Aug 73

Nature of thrombus in a hollow fiber oxygenator. Schneider MD. **Am J Vet Res** 34:151-68, Feb 73

The diagnosis of von Willebrand's disease. Bowie EJ, et al. **Ann Clin Lab Sci** 1:85-91, Jul-Aug 71 (39 ref.)

Biochemistry and physiology of blood platelets. Holmsen H, et al. **Ann Clin Lab Sci** 1:38-47, Jul-Aug 71

Regulation and mechanism of platelet aggregation. Booyse FM, et al. **Ann NY Acad Sci** 201:37-60, 27 Oct 72

Platelet abnormalities in von Willebrand's disease. Bowie EJ, et al. **Ann NY Acad Sci** 201:400-20, 27 Oct 72

Demonstration of factor XIII in human megakaryocytes by a fluorescent antibody technique. Kiesselbach TH, et al. **Ann NY Acad Sci** 202:318-28, 8 Dec 72

Intrinsic platelet defects in hereditary thrombocytopenia. Murphy S.
Ann NY Acad Sci 201:421-8, 27 Oct 72

Ultrastructural defects in congenital disorders of platelet function. White JG.
Ann NY Acad Sci 201:205-33, 27 Oct 72

Energy metabolism of blood platelets. I. Isolation and properties of platelet mitochondria. Salganicoff L, et al. **Arch Biochem Biophys** 153:726-35, Dec 72

The leukocytes and platelets of a marsupial, Trichosurus vulpecula. A comparative morphological, metrical and cytochemical study. Barbour RA.
Arch Histol Jap 34:311-60, Jul 72

The activation of adenylate cyclase. II. The postulated presence of (A) adenylate cyclase in a phospho (inhibited) form (B) a dephospho (activated) form with a cyclic adenylate stimulated membrane protein kinase. Constantopoulos A, et al.
Biochem Biophys Res Commun 53:794-9, 6 Aug 73

The occurrence of fluoride stimulated membrane phosphoprotein phosphatase. Layne P, et al.
Biochem Biophys Res Commun 53:800-5, 6 Aug 73

Phospholipase A-1 of human blood platelets. Smith JB, et al. **Biochem J** 131:615-8, Mar 73

Effect of trypsin on the exposed polypeptides and glycoproteins in the human platelet membrane. Phillips DR. **Biochemistry** 11:4582-8, 21 Nov 72

Sulfhydryl and disulfide groups of platelet membranes. I. Determination of sulfhydryl groups. Ando Y, et al.
Biochim Biophys Acta 311:26-37, 7 Jun 73

Sulfhydryl and disulfide groups of platelet membranes. II. Determination of disulfide groups. Ando Y, et al.
Biochim Biophys Acta 311:38-44, 7 Jun 73

Characterization of a chondroitin 4 -sulfate proteoglycan carrier for heparin neutralizing activity (platelet factor 4) released from human blood platelets. Barber AJ, et al.
Biochim Biophys Acta 286:312-29, 29 Dec 72

Platelet adhesiveness and aggregation. II. Surface sialic acid, glycoprotein: N-acetyineuraminic acid transferase, and neuraminidase of human blood platelets. Bosmann HB.
Biochim Biophys Acta 279:456-74, 25 Oct 72

Purification and characterization of HL-A antigens from human platelets, solubilized by the non-ionic detergent NP-40. Dautigny A, et al.
Biochim Biophys Acta 298:783-9, 16 Apr 73

Isolation of pig platelet membranes and granules. Distribution and validity of marker enzymes. Harris GL, et al. **Biochim Biophys Acta** 291:701-19, 16 Feb 73

Freeze-etching studies of human platelets. Hoak JC. **Blood** 40:514-22, Oct 72

Platelet size in thrombocytopenias and thrombocytosis of various origin. Kraytman M. **Blood** 41:587-98, Apr 73

Influence of cytochalasin B on the shape change induced in platelets by cold. White JG, et al. **Blood** 41:823-32, Jun 73

Platelet age: its relationship to platelet size, function and metabolism. Hirsh J. **Br J Haematol** 23:Suppl:209-14, Sep 72 (33 ref.)

Storage of 5-hydroxytryptamine in human blood platelets. Da Prada M, et al. **Experientia** 28:1328-9, 15 Nov 72

Coexistence of acid phosphatase and acid mucosubstance in the nucleoid of human blood platelet granules. Murata F, et al. **Histochemie** 35:319-29, 29 Jun 73

Iodination of the human platelet membrane. Studies of the major surface glycoprotein. Nachman RL, et al. **J Biol Chem** 248:2928-36, 25 Apr 73

Ophthalmologic, biochemical, platelet, and ultrastructural defects in the various types of oculocutaneous albinism. Witkop CJ Jr, et al. **J Invest Dermatol** 60:443-56, Jun 73

Diglyceride kinase in human platelets. Call FL 2d, et al. **J Lipid Res** 14:466-74, Jul 73

The effect of 5,6-dihydroxytryptamine on uptake, storage and metabolism of 5-hydroxytryptamine by blood platelets. Da Prada M, et al. **J Pharmacol Exp Ther** 186:213-9, Aug 73

Morphology of blood-surface interaction on intra-aortic balloons. An analysis of clinical and experimental specimens by scanning electron microscopy. Schoen FJ, et al. **J Thorac Cardiovasc Surg** 65:304-14, Feb 73

Electron microscopy of ferritin-labeled platelet-specific antibody. Stoltzner G, et al. **Lab Invest** 27:357-65, Oct 72

Electrical sizing and counting of platelets in whole blood. Schulz J, et al. **Med Biol Eng** 11:447-54, Jul 73

Experimental thrombus formation in mesenteric microvessels: evaluation of a method. Gordon JL, et al. **Microvasc Res** 6:108-15, Jul 73

The effect of thrombin and trypsin on calcium uptake by calf platelet membranes. Robblee LS, et al. **Microvasc Res** 6:99-107, Jul 73

Platelet enlargement in malaria. Fajardo LF, et al. **Milit Med** 136:463-4, May 71

Platelet shape change and aggregation. Caen JP, et al. **Nature (Lond)** 240:148-9, 17 Nov 72

Ultrastructural studies on the elucocytes and thrombocytes in the circulating blood of Japanese quail. Nirmalan GP, et al. **Poult Sci** 51:2050-5, Nov 72

The pharmacology of platelet inhibition. Weiss HJ. **Prog Hemostasis Thromb** 1:199-231, 1972 (246 ref.)

Prostaglandin E2: effects on aggregation, shape change and cyclic AMP of rat platelets. Shio H, et al. **Prostaglandins** 1:29-36, Jan 72

Ultrastructural studies of platelet 'activation' and aggregation in normal spleen from different species. Elgjo RF, et al. **Scand J Haematol** 9:587-602, 1972

On the fine structure and aggregation requirements of gel filtered platelets (GFP). Tangen O, et al. **Scand J Haematol** 10:96-105, 1973

Ultrastructural effect of various buffers, osmolality, and temperature on paraformaldehyde fixation of the formed elements of blood and bone marrow. Carson F, et al. **Tex Rep Biol Med** 30:125-42, Summer 72

Effect of lidoflazine (R 7904) on human platelet function in vitro. De Clerck F. **Thromb Diath Haemorrh** 28:228-36, 31 Oct 72

The shape of blood platelets. An application of lyophilisation and scanning electron microscopy. Murphy MJ Jr. **Thromb Diath Haemorrh** 28:237-43, 31 Oct 72

Use of the megathrombocyte to demonstrate thrombopoietin. Weiner M, et al. **Thromb Diath Haemorrh** 28:24-30, 31 Aug 72

Morphologic studies of dialysis membranes adherence of blood components to air rinsed coils. Ahearn DJ, et al. **Trans Am Soc Artif Intern Organs** 19:435-9, 1973

The ultrastructural arrangement of thrombosthenin in glycerol extracted thrombocytes. Keyserlingk DG, et al. **Z Zellforsch Mikrosk Anat** 138:557-67, 1973

[Familial thrombocytopenia with giant platelets: a report of 2 siblings] Tanoue K, et al. **Acta Haematol Jap** 36:159-65, Apr 73 (Eng. Abstr.) (Jap)

[Microstructure of the platelets] Kosaki G, et al. **Jap J Clin Med** 31:765-8, Apr 73 (23 ref.) (Jap)

[Fibrinoplastic properties of cell components and antagonistic action of acid mucipolysaccharides] Węgrzynowicz Z, et al. **Acta Haematol Pol** 2:297-304, Oct-Dec 71 (Eng. Abstr.) (Pol)

[Dynamic function of the thrombocytes (a survey of the literature)] Odesskaia TA. **Probl Gematol Pereliv Krovi** 17:47-53, Jul 72 (117 ref.) (Rus)

DRUG EFFECTS

The action of Atromid-S on lipids and other plasma factors which may be involved in arterial thrombosis. Cotton RC. **Acta Cardiol (Brux) Suppl** 25:163-7, 1972 (33 ref.)

The effect of platelet deaggregating substances on renal allograft rejection in sensitized dogs. Claes G. **Acta Chir Scand** 139:127-30, 1973

Hematoxicity of synergized pyrethrin insecticides and related chemicals in intact, totally and subtotally splenectomized dogs. Lorber M. **Acta Hepatogastroenterol (Stuttg)** 19:66-78, Feb 72

Haematological changes after injection of endotoxin into warfarin-treated rabbits. Haugen J. **Acta Pathol Microbiol Scand [B]** 80:589-98, 1972

Biological effect of basic polyglutamic acid derivatives. Lázár G, et al. **Acta Physiol Acad Sci Hung** 41:113-23, 1972

Effects on the pulmonary circulation of suddenly induced intravascular aggregation of blood platelets. Bo G, et al. **Acta Physiol Scand** 85:523-31, Aug 72

The active uptake of 5-hydroxytryptamine in rat and human blood platelets under the influence of lithium in vivo and in vitro. Genefke IK. **Acta Psychiatr Scand** 48:394-9, 1972

Role of cyclic AMP in platelet function. Salzman EW, et al. **Adv Cyclic Nucleotide Res** 1:231-47, 1972 (38 ref.)

Platelet factor-4--properties and clinical significance. Donati MB, et al. **Adv Exp Med Biol** 34:173-89, 1972

Standardzed bleeding time in the study of drugs interfering with platelet function. Praga C, et al. **Adv Exp Med Biol** 34:149-58, 1972

Involvement of platelets and microthrombi in experimental decompression sickness: similarities with disseminated intravascular coagulation. Philp RB, et al. **Aerosp Med** 42:494-502, May 71

Toxicological effects of vincristine sulfate on blood platelets. Zbinden G, et al. **Agents Actions** 2:241-5, 1972

Effect of aspirin upon experimental coronary and non-coronary thrombosis and arrhythmia. Moschos CB, et al. **Am Heart J** 84:525-30, Oct 72

Effect of vinblastine sulfate on the fine structure of cells of the rat renal corpuscle. Tyson GE, et al. **Am J Anat** 135:319-43, Nov 72

The role of the platelet membrane in platelet function. I. Blood coagulation. Glynn MF. **Am J Clin Pathol** 60:309-13, Sep 73

Aspirin as an antiplatelet agent: template bleeding time as a monitor of therapy. Mielke CH Jr, et al. **Am J Clin Pathol** 59:236-42, Feb 73

Heparin therapy in a patient bitten by a saw-scaled viper (Echis carinatus), a snake whose venom activates prothrombin. Weiss HJ, et al. **Am J Med** 54:653-62, May 73

1,3-Bis (2-chloroethyl)-1-nitrosourea: effects on advanced ovarian carcinoma. Godfrey TE, et al. **Am J Obstet Gynecol** 115:576-7, 15 Feb 73

Effect of prostaglandins on the coagulation mechanism of the pregnant rat. Phillips LL. **Am J Obstet Gynecol** 115:227-32, 15 Jan 73

Glycogen distribution in rat blood platelets. Davis RB. **Am J Pathol** 72:241-52, Aug 73

The participation of the platelet in the vascular response to endotoxemia in the rabbit eye. Howes EL Jr, et al. **Am J Pathol** 70:25-44, Jan 73

Freeze-etch observations on the plasma membrane and other structures of normal and abnormal platelets. Reddick RL, et al. **Am J Pathol** 70:473-88, Mar 73

Platelets in hyperacute rejection of heterotopic cardiac allografts in presensitized dogs. An experimental study. Sharma HM, et al. **Am J Pathol** 70:155-74, Feb 73

Ultrastructural findings in storage pool disease and aspirin-like defects of platelets. Weiss HJ, et al. **Am J Pathol** 71:447-66, Jun 73

Exocytosis of secretory organelles from blood platelets incubated with cationic polypeptides. White JG. **Am J Pathol** 69:41-54, Oct 72

Effects of normal and aspirin platelets on defective

secondary aggregation in the Hermansky-Pudlak syndrome. A test for storage pool deficient platelets. White JG, et al. **Am J Pathol** 68:57-66, Jul 72

Avian thrombocyte aggregation and shape change in vitro. Grant RA, et al. **Am J Physiol** 225:340-3, Aug 73

Aggregation of human blood platelets by vasopressin. Haslam RJ, et al. **Am J Physiol** 223:958-67, Oct 72

Effect of external calcium and magnesium on thrombin-induced changes in calcium and magnesium of pig platelets. Kinlough-Rathbone RL, et al. **Am J Physiol** 224:941-5, Apr 73

Platelet aggregation and release: effects of low concentrations of thrombin or collagen. Packham MA, et al. **Am J Physiol** 225:38-47, Jul 73

Serosal hypofibrinolysis. A cause of postoperative adhesions. Gervin AS, et al. **Am J Surg** 125:80-8, Jan 73

The toxicity of fluroxene in animals and man. Johnston RR, et al. **Anesthesiology** 38:313-9, Apr 73

Preliminary studies on in vitro and in vivo effects of 50 per cent hypaque on coagulation in man. Chandra R, et al. **Angiology** 24:199-204, Apr 73

A three-dimensional view of platelet responses to chemical stimuli. Barnhart MI, et al. **Ann NY Acad Sci** 201:360-90, 27 Oct 72

Regulation and mechanism of platelet aggregation. Booyse FM, et al. **Ann NY Acad Sci** 201:37-60, 27 Oct 72

Current ideas on the mechanism of platelet aggregation. Born GV. **Ann NY Acad Sci** 201:4-12, 27 Oct 72

Nonsteroid anti-inflammatory agents. Paulus HE, et al. **Annu Rev Pharmacol** 13:107-25, 1973 (304 ref.)

Combined chemotherapy radiotherapy management of stage 3 Hodgkin's disease. Gamble JF, et al. **Arch Intern Med** 131:435-8, Mar 73

Cerebral arterial spasm. Modification by inhibition of platelet function. Zervas NT, et al. **Arch Neurol** 28:400-4, Jun 73

Inactivity of atractyloside against platelet release reaction. Brinson K. **Atherosclerosis** 17:146-50, Jan-Feb 73

Effect of sulfhydryl inhibitors and membrane-active drugs on platelet reactions. Brinson K. **Atherosclerosis** 17:139-45, Jan-Feb 73

Effect of aminophylline on blood platelet reactions. Brinson K. **Atherosclerosis** 16:233-9, Sep-Oct 72

Inter-relationships between platelet response to adenosine diphosphate, blood coagulation and serum lipids in patients with peripheral occlusive atherosclerosis. Cotton RC, et al. **Atherosclerosis** 16:337-48, Nov-Dec 72

Adenosine diphosphate induced platelet aggregation in myocardial infarction and ischemic heart disease. Dreyfuss F, et al. **Atherosclerosis** 17:107-20, Jan-Feb 73

The effects of sitosterol on serum cholesterol, platelet economy, thrombogenesis and atherosclerosis in the rabbit. Murphy EA, et al. **Atherosclerosis** 17:257-68, Mar-Apr 73

The effect of aspirin on the response to endotoxin. Hall RC, et al. **Aust J Exp Biol Med Sci** 50:589-601, Oct 72

The differential effect of Ca-ATP and Mg-ATP on platelet actomyosin. Abramowitz J, et al. **Biochem Biophys Res Commun** 49:958-63, 15 Nov 72

The activation of adenylate cyclase. II. The postulated presence of (A) adenylate cyclase in a phospho (inhibited) form (B) a dephospho (activated) form with a cyclic adenylate stimulated membrane protein kinase. Constantopoulos A, et al. **Biochem Biophys Res Commun** 53:794-9, 6 Aug 73

The occurrence of fluoride stimulated membrane phosphoprotein phosphatase. Layne P, et al. **Biochem Biophys Res Commun** 53:800-5, 6 Aug 73

Inhibition of blood platelet function by cytochalasins: effects on thrombosthenin and on glucose metabolism. Haslam RJ. **Biochem J** 127:34P, Apr 72

Secretory mechanisms. Behaviour of adenine nucleotides during the platelet release reaction induced by adenosine diphosphate and adrenaline. Holmsen H, et al. **Biochem J** 129:67-82, Aug 72

Effect of 5-hydroxytryptamine on the potassium ion exchange of human platelets enriched in sialic acid. Michal F, et al. **Biochem J** 129:977-8, Oct 72

Phospholipase A-1 of human blood platelets. Smith JB, et al. **Biochem J** 131:615-8, Mar 73

Phosphorylation of pyridoxine by human blood platelets--effects of structure analogs and metabolic inhibitors. Gaut ZN, et al. **Biochem Pharmacol** 21:2395-400, 1 Sep 72

Studies on the binding of (3 H)vinblastine by rat blood platelets in vitro. Effects of colchicine and vincristine. Secret CJ, et al. **Biochem Pharmacol** 21:1609-24, 1 Jun 72

Effects of potential gradient on the electrophoretic mobility of human blood platelets in the presence of ADP or noradrenaline. Tomich EG. **Biochem Pharmacol** 21:3201-3, 1 Dec 72

Kinetics of the thrombin-induced release of calcium (II) by platelets. Detwiler TC, et al. **Biochemistry** 12:282-9, 16 Jan 73

Kinetics of the thrombin-induced release of adenosine triphosphate by platelets. Comparison with release of calcium. Detwiler TC, et al. **Biochemistry** 12:2462-8, 19 Jun 73

Effect of trypsin on the exposed polypeptides and glycoproteins in the human platelet membrane. Phillips DR. **Biochemistry** 11:4582-8, 21 Nov 72

Uptake and efflux of 87 rubidium by human blood platelets. Baadenhuijsen H, et al. **Biochim Biophys Acta** 298:690-701, 29 Mar 73

Human brain and platelet cyclic adenosine 3',5'-monophosphate phosphodiesterases: different response to drugs. Pichard AL, et al. **Biochim Biophys Acta** 279:217-20, 18 Aug 72

Prostaglandin E1 and platelets. Bousser MG. **Biomedicine** 18:95-102, Mar 73 (63 ref.)

Effects of combined prostaglandin E1 and aspirin on experimental arterial thrombosis in rabbits. Bousser MG. **Biomedicine** [Express] 19:90-3, 20 Mar 73

Lysolecithin metabolism by human platelets. Elsbach P, et al. **Blood** 37:675-83, Jun 71

Relation between bleeding time and platelet connective tissue reaction after aspirin. Hirsh J, et al. **Blood** 41:369-77, Mar 73

The platelet-stimulating effects of 7-beta, 17-alpha-dimethyltestosterone (calusterone). Horn Y, et al. **Blood** 40:684-7, Nov 72

Ristocetin: a means of differentiating von Willebrand's disease into two groups. Howard MA, et al. **Blood** 41:687-90, May 73

The effect of cold on platelets. II. Platelet function after short-term storage at cold temperatures. Kattlove HE, et al. **Blood** 40:688-96, Nov 72

Acid mucopolysaccharides as cofactor in formation of platelet-clumping substance. Murase H, et al. **Blood** 37:684-91, Jun 71

The splenic platelet reservoir in sickle cell anemia. Schwartz AD. **Blood** 40:678-83, Nov 72

Influence of cytochalasin B on the shape change induced in platelets by cold. White JG, et al. **Blood** 41:823-32, Jun 73

Quantitative studies on the release of platelet fibrinogen by thrombin. Keenan JP, et al. **Br J Haematol** 23:461-6, Oct 72

Changes in 32 p-labelling of platelet phospholipids in response to ADP. Lloyd JV, et al. **Br J Haematol** 23:571-85, Nov 72

Biochemical changes in the platelet energy transferring system during concomitant action of cephalin and serotonin. Păusescu E, et al. **Br J Haematol** 24:605-12, May 73

Studies on blood coagulation, fibrinolysis and platelet function following exercise in normal and splenectomized people. Prentice CR, et al. **Br J Haematol** 23:541-52, Nov 72

Platelets and initiation of intrinsic clotting. Schiffman S, et al. **Br J Haematol** 24:633-42, May 73

Platelet coagulant activities in thrombasthenia. Walsh PN. **Br J Haematol** 23:553-69, Nov 72

The effect of narcotic analgesics on the uptake of 5-hydroxytryptamine and (-)-metaraminol by blood platelets. Ahtee L, et al. **Br J Pharmacol** 47:808-18, Apr 73

Apparent penicillin-induced arrest of mature bone marrow elements. Joorabchi B, et al. **Br Med J** 2:26-7, 7 Apr 73

Effects of progestogen oral contraception with norethisterone on blood clotting and platelets. Poller L, et al. **Br Med J** 4:391-3, 18 Nov 72

Cellular control of blood coagulation. 3. The response of platelets to adrenaline. Kowarzyk H, et al. **Bull Acad Pol Sci [Biol]** 20:755-9, 1972

Thrombosis on prosthetic surfaces: a review of etiologic factors and preventive measures. Foster ED, et al. **Can J Surg** 15:339-49, Nov 72

Platelets. Hirsh J. **Can Med Assoc J** 108:416 passim, 17 Feb 73

Treatment of advanced carcinoma of the head and neck with a combination of high-dose infusions of methotrexate (NSC-740) and radiotherapy: a

preliminary report on eleven cases. Hardingham M, et al. **Cancer Chemother Rep** 56:745-50, Dec 72

Hexamethylmelamine (NSC-13875) in the treatment of advanced cancer. Wampler GL, et al. **Cancer Chemother Rep** 56:505-14, Aug 72

Cyclophosphamide (NSC-26271), vincristine (NSC-67574), cytosine arabinoside (NSC-63878), and prednisone (NSC-10023) (COAP) combination chemotherapy for acute leukemia in adults. Whitecar JP Jr, et al. **Cancer Chemother Rep** 56:543-50, Aug 72

Preclinical toxicologic study of actinomycin D (NSC-3053). Henry MC, et al. **Cancer Chemother Rep [Suppl]** 4:Suppl:77-84, Jan 73

Preclinical toxicologic studies of -thioguanine deoxyriboside (NSC-71261). Henry MC, et al. **Cancer Chemother Rep [Suppl]** 4:Suppl:41-9, Jan 73

Assessment of antithrombotic agents: effects of dipyridamole analogues on platelet behaviour. Hampton JR, et al. **Cardiovasc Res** 6:696-701, Nov 72

Biological activity of a semisynthetic flavonoid, O-(-hydroxyethyl)rutoside: light-scattering and metabolic studies of human red cells and platelets. Cate JW ten, et al. **Clin Chem** 19:31-5, Jan 73

The assay of pyruvate kinase activity in blood cells. Tanphaichitr VS, et al. **Clin Chim Acta** 41:41-5, Oct 72

The hemorrhagic phenomena associated with green pit viper (Trimeresurus erythrurus and Trimeresurus popeorum) bites in children. A report of studies to elucidate their pathogenesis. Mitrakul C, et al. **Clin Pediatr (Phila)** 12:215-8, Apr 73

Inhibition by lithium of prostaglandin E1 and norepinephrine effects on cyclic adenosine monophosphate production in human platelets. Murphy DL, et al. **Clin Pharmacol Ther** 14:810-4, Sep-Oct 73

Investigation of certain haematologic parameters in rats treated with prostaglandins (E 1 , E 2 , A 1 , A 2 , Resp.). Somova L, et al. **Cor Vasa** 15:125-35, 1973

Evaluation of ethylene glycol as a cryoprotective agent for blood platelets. Kahn RA, et al. **Cryobiology** 10:148-51, Jun 73

Streptokinase: a review of its clinical pharmacology, mechanism of action and therapeutic uses. Brogden RN, et al. **Drugs** 5:357-445, 1973 (260 ref.)

Some pharmacologic and toxicologic effects of di-2-ethylhexyl phthalate (DEHP) and other plasticizers. Rubin RJ, et al. **Environ Health Perspect** 3:53-9, Jan 73

Accumulation of di-2-ethylhexyl phthalate (DEHP) in whole blood, platelet concentrates, and platelet-poor plasma. 1. Effect of DEHP on platelet survival and function. Valeri CR, et al. **Environ Health Perspect** 3:103-18, Jan 73

Effects of amantadine and amphetamine on serotonin uptake and release by human blood platelets. Lemmer B. **Eur J Pharmacol** 21:183-8, Feb 73

The role of platelet function tests in the evaluation of drug toxicity. Hawkins RI. **Eur J Toxicol** 5:37-42, Jan-Feb 72

Effect of bromelain (Ananase) on human platelet aggregation. Heinicke RM, et al. **Experientia** 28:844-5, 15 Jul 72

Synthesis and pharmacological evaluation of some N-diethylaminoethylaryloxyacetamides and related compounds. De Marchi F, et al. **Farmaco [Sci]** 28:513-22, Jul 73

Some properties of blood platelets in animal species. Donner L, et al. **Folia Haematol (Leipz)** 98:296-302, 1972

Antithrombotic effect of synthetic thrombin inhibitors. Klöcking HP. **Folia Haematol (Leipz)** 98:483-7, 1972

Augmentation of endotoxin-induced fibrin deposits by pregnancy and estrogen-progesterone treatment. Beller FK, et al. **Gynecol Invest** 3:176-83, 1972

Increased levels of plasma insulin and eleven hydroxycorticosteroid induced by sucrose, and their reduction by phenformin. Yudkin J, et al. **Horm Metab Res** 4:417-20, Nov 72

Factors affecting interaction of staphylococcal alpha toxin with membranes. Bernheimer AW, et al. **Infect Immun** 6:636-42, Oct 72

Effect in mice of injection of viable Candida albicans and a cell-free sonic extract on circulating platelets. Holder IA, et al. **Infect Immun** 7:468-72, Mar 73

Effects of disseminated intravascular coagulation on pulmonary circulation and respiration. Olsson P, et al. **Int Anesthesiol Clin** 10:173-9, Winter 72

The effects of chylomicron vitamin A on the metabolism of retinol-binding protein in the rat. Smith JE, et al. **J Biol Chem** 248:1544-9, 10 Mar 73

Interaction of poly-L-lysine with chromatin. Inhibition of in situ RNA synthesis mediated by Escherichia coli RNA polymerase. Umiel N, et al. **J Cell Biol** 56:139-44, Jan 73

Altered lipid metabolism in human platelets after primary aggregation. Deykin D. **J Clin Invest** 52:483-92, Feb 73

The assessment of drug-dependent and isoimmune antiplatelet antibodies by the use of platelet aggregometry. Deykin D, et al. **J Clin Invest** 51:3142-53, Dec 72

Release of serotonin from human platelets induced by aggregated immunoglobulins of different classes and subclasses. Henson PM, et al. **J Clin Invest** 52:1282-8, May 73

Interactions of the classical and alternate complement pathway with endotoxin lipopolysaccharide. Effect on platelets and blood coagulation. Kane MA, et al. **J Clin Invest** 52:370-6, Feb 73

Plasmin-induced platelet aggregation and platelet release reaction. Effects on hemostasis. Niewiarowski S, et al. **J Clin Invest** 52:1647-59, Jul 73

Plasmin-induced platelet aggregation and platelet release reaction. Effects on hemostasis. Niewiarowski S, et al. **J Clin Invest** 22:1647-59, Jul 73

Collagen-mediated platelet aggregation. Effects of collagen modification involving the protein and carbohydrate moieties. Puett D, et al. **J Clin Invest** 52:2495-506, Oct 73

Inhibition of primary ADP-induced platelet aggregation in normal subjects after administration of nitrofurantoin (furadantin). Rossi EC, et al. **J Clin Invest** 52:2457-67, Oct 73

Identification of inorganic pyrophosphate in human platelets and its release on stimulation with thrombin. Silcox DC, et al. **J Clin Invest** 52:1595-600, Jul 73

Identification of inorganic pyrophosphate in human platelets and its release on stimulation with thrombin. Silcox DC, et al. **J Clin Invest** 22:1595-600, Jul 73

Formation of prostaglandins during the aggregation of human blood platelets. Smith JB, et al. **J Clin Invest** 52:965-9, Apr 73

Effect of intravenous prostaglandin E 2 on platelet function, coagulation, and fibrinolysis. Howie PW, et al. **J Clin Pathol** 26:355-8, May 73

The effects of progestogens on blood clotting and platelet function. Poller L. **J Clin Pathol** 25:1007, Nov 72

Enhanced platelet function in glomerular renal disease. Bang NU, et al. **J Lab Clin Med** 81:651-60, May 73

Platelet metabolism in acute leukemia. Cowan DH. **J Lab Clin Med** 82:54-66, Jul 73

Quantitative parameterization of the light transmission properties of citrated, platelet-rich plasma as a function of platelet and adenosine diphosphate concentrations and temperature. Frojmovic MM. **J Lab Clin Med** 82:137-53, Jul 73

Platelet function and survival in sickle cell disease. Haut MJ, et al. **J Lab Clin Med** 82:44-53, Jul 73

Regulation of cyclic AMP levels and aggregation in human platelets by prostaglandin E . McDonald JW, et al. **J Lab Clin Med** 81:838-49, Jun 73

Inhibition of the platelet-dependent fibrin retraction by the fibrin stabilizing factor (FSF, factor 13). Niewiarowski S, et al. **J Lab Clin Med** 81:641-50, May 73

Inhibition of ADP-induced platelet aggregation by furosemide. Rossi EC, et al. **J Lab Clin Med** 81:140-7, Jan 73

Studies on lipid peroxides in platelets. 3. Effect on physiologic platelet functions. Tateishi I, et al. **J Lab Clin Med** 81:587-602, Apr 73

Inhibition of activated factor X-induced platelet aggregation: the role of heparin and the plasma inhibitor to activated factor X. Yin ET, et al. **J Lab Clin Med** 82:390-8, Sep 73

Diglyceride kinase in human platelets. Call FL 2d, et al. **J Lipid Res** 14:466-74, Jul 73

Effect of vincristine on the megakaryocyte system in mice. Krizsa F, et al. **J Med (Basel)** 4:12-8, 1973

Platelet aggregation inhibitors. 4. N 6 -substituted adenosines. Kikugawa K, et al. **J Med Chem** 16:358-64, Apr 73

Substituted 3,4-pentadienyldiamines as inhibitors of platelet aggregation. Tilford CH, et al. **J Med Chem** 16:688-93, Jun 73

Platelet kinetics and adenosine triphosphatase activity in AKR mice. Brodsky I, et al. **J Natl Cancer Inst** 50:997-1001, Apr 73

Changes in platelet thrombotic tendency during oral contraception. Sanderson JH, et al. **J Obstet Gynaecol Br Commonw** 80:639-43, Jul 73

Changes in platelet thrombotic tendency during parturition. Sanderson JH, et al. **J Obstet Gynaecol Br Commonw** 80:633-8, Jul 73

The effect of some oral contraceptive steroids on platelet electrophoretic mobility in vitro. Florence AT, et al. **J Pharm Pharmacol** 24:983-5, Dec 72

The interaction of some oral contraceptive steroids with lipid monolayers and with Erythrocytes. Florence AT, et al. **J Pharm Pharmacol** 24:942-9, Dec 72

The effect of 5,6-dihydroxytryptamine on uptake, storage and metabolism of 5-hydroxytryptamine by blood platelets. Da Prada M, et al. **J Pharmacol Exp Ther** 186:213-9, Aug 73

Binding of cyproheptadine-(N-methyl- 14 C) by human blood platelets: inhibition by phenothiazines and tricyclic antidepressants. Gaut ZN. **J Pharmacol Exp Ther** 185:171-3, Apr 73

Reversal of the rapid morphological reaction of platelets. Born GV, et al. **J Physiol (Lond)** 225:27P-28P, Sep 72

Heparin: help or hindrance? A commentary and review. Broders AC 3d, et al. **J Reprod Med** 10:269-71, Jun 73

Fine structure of early experimental acute pancreatitis in dogs. Bockman DE, et al. **Lab Invest** 28:584-92, May 73

Reduction of thrombus formation on dialyser membranes by aspirin and RA 233. Lindsay RM, et al. **Lancet** 2:1287-90, 16 Dec 72

Removal of paracetamol by hemoperfusion. Matthew H. **Lancet** 1:674, 24 Mar 73

Smoking, cancer, and coronary heart-disease. Mehrishi JN. **Lancet** 1:666-7, 24 Mar 73

Aspirin and tumour metastasis. Wood S Jr, et al. **Lancet** 2:1416-7, 30 Dec 72

Bleeding disorders due to abnormal platelet function. Weiss HJ. **Med Clin North Am** 37:517-30, Mar 73 (58 ref.)

The coagulation defect after envenomation by the bite of the dugite (Demansia nuchalis affinis), a Western Australian brown snake. Herrmann RP, et al. **Med J Aust** 2:183-8, 22 Jul 72

New method for detection and quantitation of circulating platelet aggregates. Maca RD, et al. **Microvasc Res** 4:453-7, Oct 72

The effect of thrombin and trypsin on calcium uptake by calf platelet membranes. Robblee LS, et al. **Microvasc Res** 6:99-107, Jul 73

Platelet survival and adhesiveness in recurrent venous thrombosis. Steele PP, et al. **N Engl J Med** 288:1148-52, 31 May 73

Platelet function in recipients of platelets from donors ingesting aspirin. Stuart MJ, et al. **N Engl J Med** 287:1105-9, 30 Nov 72

Thrombocyturia after aspirin. Sutor AH. **N Engl J Med** 288:794-5, 12 Apr 73

Platelet shape change and aggregation. Caen JP, et al. **Nature (Lond)** 240:148-9, 17 Nov 72

Adenosine inhibition of human platelet aggregation by ADP. Caen JP, et al. **Nature [New Biol]** 239:211-3, 18 Oct 72

Inhibition of adenosine uptake by platelets. Jenkins CS, et al. **Nature [New Biol]** 239:210-1, 18 Oct 72

Changes in the adenylate energy charge in human blood platelets induced by adenosine diphosphate. Mills DC. **Nature [New Biol]** 243:220-2, 13 Jun 73

Storage of biogenic amines in blood platelets and adrenal medulla. Lack of evidence for direct involvement of glycosaminoglycans. Da Prada M, et al. **Naunyn Schmiedebergs Arch Pharmacol** 275:315-22, 1972

Effect of lidoflazine (R 7904) on uptake and release of serotonin by human platelets in vitro. De Clerck FF, et al. **Naunyn Schmiedebergs Arch Pharmacol** 278:261-9, 1973

Daunorubicin and adriamycin in the treatment of leukemia. Klener P, et al. **Neoplasma** 20:87-96, 1973

"In vitro" and "in vivo" experiences with VK 774, a new platelet function inhibitor. Cate JW ten, et al. **Pathol Biol (Paris) Suppl**:76-81, Dec 72

Influence of lithium on aggregation, release-reaction and function of human platelets. Geerdink P, et al. **Pathol Biol (Paris) Suppl**:15-27, Dec 72

Interaction of alpha and beta receptor blocking agents with platelet release and availability reaction induced by ADP, adrenaline and collagen. Kubisz P, et al. **Pathol Biol (Paris) Suppl**:34-40, Dec 72

Mode of action of some oxidized sugar derivatives of adenine on platelet aggregation. Mester M, et al. **Pathol Biol (Paris) Suppl**:11-4, Dec 72

Laboratory approach to platelet disorders. Davey FR. **Postgrad Med** 54:109-12 passim, Aug 73

The prostaglandins. Horton EW. **Proc R Soc Lond [Biol]** 182:411-26, 5 Dec 72 (70 ref.)

Effects of penicillin G on platelet aggregation, release, and adherence to collagen. Cazenave JP, et al. **Proc Soc Exp Biol Med** 142:159-66, Jan 73

Platelets, prostaglandins, red cells, sedimentation rates, serum and tissue proteins and non-steroidal anti-inflammatory drugs. Glenn EM, et al. **Proc Soc Exp Biol Med** 141:879-86, Dec 72

Platelet factor 4 in platelet disorders--storage location and the requirement of endogenous ADP for its release. Weiss HJ, et al. **Proc Soc Exp Biol Med** 142:30-5, Jan 73

Duration of inhibition of platelet prostaglandin formation and aggregation by ingested aspirin or indomethacin. Kocsis JJ, et al. **Prostaglandins** 3:141-4, Feb 73

Prostaglandin E2: effects on aggregation, shape change and cyclic AMP of rat platelets. Shio H, et al. **Prostaglandins** 1:29-36, Jan 72

Human blood prostaglandins: formation during clotting. Silver MJ, et al. **Prostaglandins** 1:429-36, Jun 72

Letters to the editor: prostaglandins in blood. Silver MJ, et al. **Prostaglandins** 2:75-7, Aug 72

The effect of PGE1 on ADP-induced aggregation in refractory platelets. Simard-Duquesne N, et al. **Prostaglandins** 3:457-60, Apr 73

Aggregation of human gel-filtered platelets. Requirement of apyrase and proteins. Levy-Toledano S, et al. **Rev Eur Etud Clin Biol** 17:513-8, May 72

Effects of thrombin and serotonin upon the energetics of blood platelets: adenine nucleotides and some related enzymes. Chirvasie R, et al. **Rev Roum Physiol** 9:443-51, 1972

Biochemical aspects concerning adenine nucleotides and some related enzymes in the concomitant action of cephalin and serotonin of the blood platelets. Păuşescu E, et al. **Rev Roum Physiol** 10:331-9, 1973

Heparin therapy in the case of acute liver cirrhosis. Fischer M, et al. **Scand J Gastroenterol [Suppl]** 19:135-8, 1973

The effect of acetylsalicylic acid and dipyridamole on platelet economy in metastatic cancer. Abrahamsen AF. **Scand J Haematol** 9:562-5, 1972

The effect of inhibition of the platelet release reaction on platelet behaviour in vitro and in vivo. Arfors KE, et al. **Scand J Haematol** 9:322-32, 1972

Platelet refractory state induced by heparin. Eika C. **Scand J Haematol** 9:665-72, 1972

The platelet aggregating effect of eight commercial heparins. Eika C. **Scand J Haematol** 9:480-2, 1972

The effect of vinblastine and demecolcine on circulating megakaryocytes in adult rats. Pedersen NT. **Scand J Haematol** 9:613-20, 1972

The effect of methotrexate and folinic acid therapy on the platelet count. Shaw MT. **Scand J Haematol** 10:24-7, 1973

Study of the clotting, esterase and platelet aggregating activities of thrombin, acetylated thrombin and reptilase. Tangen O, et al. **Scand J Haematol** 9:333-8, 1972

On the fine structure and aggregation requirements of gel filtered platelets (GFP). Tangen O, et al. **Scand J Haematol** 10:96-105, 1973

Haemostatic functions of platelets and their disorders. Hardisty RM. **Sci Basis Med** 222-37, 1972 (55 ref.)

Complement-induced platelet protein alterations. Zimmerman TS, et al. **Science** 180:1183-5, 15 Jun 73

Clinical application of platelet aggregation. Attar S, et al. **South Med J** 66:481-5, Apr 73

Intravenous cyproheptadine hydrochloride in the treatment of pulmonary embolism: an experimental study. Nemir P Jr, et al. **Surgery** 72:920-32, Dec 72

Inhibition of serotonin-induced blood cell aggregation in the dog. Pitzele S, et al. **Surgery** 73:416-22, Mar 73

Anticoagulant factors from Viperidae venoms. Platelet phospholipid inhibitors. Boffa MC, et al. **Thromb Diath Haemorrh** 28:509-23, 31 Dec 72

The effect of neuraminidase on platelet aggregation induced by ADP, norepinephrine, collagen or serotonin. Davis JW, et al. **Thromb Diath Haemorrh** 28:221-7, 31 Oct 72

Effect of lidoflazine (R 7904) on human platelet function in vitro. De Clerck F.
Thromb Diath Haemorrh 28:228-36, 31 Oct 72

Effect of detergents on platelet electrophoresis and aggregation, and the possible relation of plasma surface activity to thrombosis. Hampton JR, et al.
Thromb Diath Haemorrh 28:408-18, 31 Dec 72

Evidence for two separate effects of adenosine diphosphate on human platelets. Hampton JR, et al.
Thromb Diath Haemorrh 28:419-30, 31 Dec 72

Vessel wall and thrombogenesis--endotoxin. McKay DG. **Thromb Diath Haemorrh** 29:11-26, 28 Feb 73

Oral contraceptives and platelet function. Mettler L, et al. **Thromb Diath Haemorrh** 28:213-20, 31 Oct 72

Density gradient separation of human platelets from plasma and the role of plasma in adenosine diphosphate induced platelet electrophoretic mobility changes. Nicholls DG, et al.
Thromb Diath Haemorrh 27:425-33, 31 Jul 72

Proteolytic inhibitors, contact and other variables in the release reaction of human platelets. Zucker MB.
Thromb Diath Haemorrh 28:393-407, 31 Dec 72

A case of thrombasthenia with a study of platelet aggregation by hydrogen peroxide (H 2 O 2). Higashi O, et al. **Tohoku J Exp Med** 106:399-409, Apr 72

Beagle dog as predictor of schedule-dependent toxicity of 5-fluoro-2-deoxyuridine. Henry MC, et al.
Toxicol Appl Pharmacol 23:532-4, Nov 72

Xanthan gum: safety evaluation by two-year feeding studies in rats and dogs and a three-generation reproduction study in rats. Woodard G, et al.
Toxicol Appl Pharmacol 24:30-6, Jan 73

Blood platelet as a model for action of drugs and bacterial products. Paasonen MK.
Toxicon 10:479-84, Aug 72 (37 ref.)

Some biological properties of purified staphylococcal haemolysins. Wadström T, et al.
Toxicon 10:511-9, Aug 72

Platelet aggregation in blood donors. Schwartz AD.
Transfusion 12:344-7, Sep-Oct 72

[Hemostatic disorders in the treatment of leukobiastosis with L-asparaginase (crasnitin)] Genova V. **Vutr Boles** 12:43-9, 1973 (Eng. Abstr.) **(Bul)**

[Release of antiheparin activity from platelets in patients treated with Pelentan] Cieslar P, et al.
Sb Lek 75:83-8, Mar 73 (Eng. Abstr.) **(Cze)**

[Influence of soluble complexes on some functions of the platelets] Kubisz P.
Vnitr Lek 18:833-7, Sep 72 (Eng. Abstr.) **(Cze)**

[The effect of saturated and non-saturated fatty acids on the filtration pressure of platelet-rich plasma. Correlation with platelet aggregation] Stoltz JF, et al.
Acta Haematol (Basel) 49:306-13, 1973 (Eng. Abstr.) **(Fre)**

[Platelet aggregation increase. An unexpected result in fibrinolytic therapy] Griguer P.
Ann Cardiol Angeiol (Paris) 22:223-30, May-Jun 73 **(Fre)**

[Prostaglandins, blood platelets, and thrombosis] Bousser MG.
Ann Med Interne (Paris) 124:351-4, Apr 73 **(Fre)**

[Active anti-platelet antibodies in the presence of acetyl-salicylic acid. Activity on platelet aggregation and cross reactions] Duriez R, et al.
Ann Med Interne (Paris) 123:593-6, Jun-Jul 72 **(Fre)**

[Experimental arterial thrombosis. In vivo and in the vitro effects of aspirin and prostaglandin E1] Gautier JC, et al.
Ann Med Interne (Paris) 123:849-52, Oct 72 **(Fre)**

[Effect of a new cerebral vasodilator agent, viquidil, on the aggregation of blood platelets] Lecrubier C, et al.
Arzneim Forsch 22:1334-6, Aug 72 (Eng. Abstr.) **(Fre)**

[Pressure filtration and platelet aggregation by ADP] Stoltz JF, et al. **Biut** 25:274-6, Oct 72 **(Fre)**

[Identification and separation of different factors of the venom of Vipera aspis active in hemostasis] Boffa MC, et al. **C R Soc Biol (Paris)** 165:2287-93, 1971 **(Fre)**

[Study of the in-vitro degranulation of blood platelets with a quantitative ultrastructural method] Bryon PA, et al. **C R Soc Biol (Paris)** 166:893-8, 1972 **(Fre)**

[Effect of ADP on the filtration pressure of a platelet rich plasma. Correlation with platelet aggregation] Larcan A, et al.
C R Soc Biol (Paris) 166:1065-6, 1972 **(Fre)**

[Effect of 2 antimitotic antibiotics (mitomycin and bleomycin) on the electrokinetic charge of human blood cells] Stoltz JF, et al.
C R Soc Biol (Paris) 166:177-9, 1972 **(Fre)**

[Prostaglandins] Matuchansky C, et al.
Can Med 13:525-39, 15 Jun 72 (198 ref.) **(Fre)**

[Action of 2 polybases on platelet electric charge and aggregation] Larcan A, et al.
Experientia 28:1096-7, 15 Sep 72 **(Fre)**

[Abnormalities of platelet aggregation during essential thrombocythemia. Effect of aspirin on erythromelalgia] Boneu B, et al.
Nouv Presse Med 1:2383-8, 14 Oct 72 (Eng. Abstr.) **(Fre)**

[Experimental platelet aggregation and arterial thrombosis. Effect of aspirin] Bousser MG, et al.
Nouv Presse Med 2:1687-92, 23 Jun 73 (Eng. Abstr.) **(Fre)**

[Physiopathology of urticaria. Role of the adrenergic receptors] Escande JP.
Nouv Presse Med 1:2111-2, 16 Sep 72 (Eng. Abstr.) **(Fre)**

[Salicylated derivatives: study of platelet functions and turn over] Boneu B, et al.
Nouv Rev Fr Hematol 12:705, Sep-Oct 72 **(Fre)**

[VK 774 effect on platelet aggregation] Cate JW ten.
Nouv Rev Fr Hematol 12:704-5, Sep-Oct 72 **(Fre)**

[Role of lithium in platelet aggregation] Geerdink P, et al. **Nouv Rev Fr Hematol** 12:704, Sep-Oct 72 **(Fre)**

[Mechanism of action of anemia glucide derivatives on platelet aggregation] Mester L, et al.
Nouv Rev Fr Hematol 12:705-6, Sep-Oct 72 **(Fre)**

[Aggregation effectors and human platelet populations] Rendu F, et al.
Nouv Rev Fr Hematol 12:708, Sep-Oct 72 **(Fre)**

[Renewal of platelets and duration of inhibition of the second aggregation wave after a single dose of aspirin] Boneu B, et al.
Pathol Biol (Paris) Suppl:71-5, Dec 72 (Eng. Abstr.) **(Fre)**

[Aggregation effectors and platelet populations] Rendu F, et al.
Pathol Biol (Paris) Suppl:28-32, Dec 72 (Eng. Abstr.) **(Fre)**

[Thromboembolism in surgical practice. Current aspects of its control and prophylactic treatment. 2] Toulemonde F.
Phlebologie 25:433-62, Oct-Dec 72 (202 ref.) (Eng. Abstr.) **(Fre)**

[The effects of coronary actve drugs on membrane metabolism and permeability] Pohl A, et al.
Arzneim Forsch 22:2049-53, Dec 72 (Eng. Abstr.) **(Ger)**

[Effect of the oral antidiabetic agent glibornuride on blood coagulation, blood platelets, and fibrinolysis] Voss D, et al.
Arzneim Forsch 22:Suppl 12A:2219, Dec 72 (Eng. Abstr.) **(Ger)**

[Effect of the oral antidiabetic agent glibornuride on blood coagulation, blood platelets, and fibrinolysis] Voss D, et al.
Arzneim Forsch 22:Suppl 12a:2219+, Dec 72 (Eng. Abstr.) **(Ger)**

[Kinetics of thrombocytes and splenectomy] Gehrmann G. **Biut** 25:229-34, Oct 72 **(Ger)**

[Trasylol effects. 3. Trasylol effect on the degranulation of circulating blood platelets and mobilization of neutrophilic granulocytes during experimental peritonitis] Kifor E, et al.
Biut 26:188-92, Mar 73 (Eng. Abstr.) **(Ger)**

[Effect of acetylsalicylic acid tolerance on bleeding time and thrombocytic function in tumor patients] Rieche K, et al.
Dtsch Gesundheitsw 27:2467-70, 28 Dec 72 (Eng. Abstr.) **(Ger)**

[Influencing thrombocyte function with dipyridamol (Curantyl)] Stiehler R.
Dtsch Gesundheitsw 27:2175-8, 16 Nov 72 **(Ger)**

[Influencing of serum potassium analysis using blood platelets] Blum KU.
Dtsch Med Wochenschr 97:1615-6, 20 Oct 72 **(Ger)**

[Experiences in therapy of aplastic anemias using oxymetholone] Michlmayr G, et al.
Dtsch Med Wochenschr 98:1026-8 passim, 18 May 73 (Eng. Abstr.) **(Ger)**

[Endotoxin effect] Fritsch H.
Fortschr Med 90:989-92, 28 Sep 72 **(Ger)**

[Inhibition of blood platelet function by chemical substances] Reuter H.
Hippokrates 44:96-8, Mar 73 **(Ger)**

[Haematological side effects of thiamphenicol] Kaltwasser JP, et al.
Klin Wochenschr 51:347-50, 1 Apr 73 (Eng. Abstr.) **(Ger)**

[Magnesium--an anticoagulant physiological electrolyte] Erödi A.
Med Klin 68:216-9, 16 Feb 73 (32 ref.) **(Ger)**

[Blood platelet diseases] Winckelmann G.
Med Klin 68:31-6, 12 Jan 73 (56 ref.) **(Ger)**
[The modification of platelet functions by chemical substances in vitro and in vivo] Reuter H, et al.
Med Welt 23:1383-4, 30 Sep 72 **(Ger)**
[Scanning electron microscopy studies on the effect of endotoxin on the capillary bed] Fritsch H, et al.
Zentralbl Bakteriol [Orig A] 221:527-38, Sep 72 (Eng. Abstr.) **(Ger)**
[The effect of actinomycin D on thrombocytopoiesis studied by means of se 75 -labeled methionine] Cserháti I, et al. **Orv Hetil** 114:1348-53, 10 Jun 73 **(Hun)**
[Polychemotherapy of Hodgkin's lymphoma. 3. Stage IV] Lauria F, et al.
Haematologica (Pavia) 57:536-42, 1972 (Eng. Abstr.) **(Ita)**
[5-year experience with ibuprofen: report on a clinical multicentric study] Buckler JW, et al.
Minerva Med 64:2467-70, 23 Jun 73 **(Ita)**
[Clinical activity and tolerance of a new pyrazolic association] Carrabba M, et al.
Minerva Med 64:1831-4, 16 May 73 (Eng. Abstr.) **(Ita)**
[Effect of a heparinoid extract on the blood lipids and basal thrombodensitogram] Ferri F, et al.
Minerva Med 64:272-7, 27 Jan 73 (Eng. Abstr.) **(Ita)**
[Platelet aggregation and cyclic AMP] Ukita M.
Jap J Clin Pathol 20:805-9, Nov 72 (7 ref.) **(Jap)**
[Blood serum lipoproteins and their role in the etiology of some pathological states] Skrzydlewski Z, et al.
Ginekol Pol 44:455-63, Apr 73 (56 ref.) (Eng. Abstr.) **(Pol)**
[Effect of long-term administration of azathriopine to healthy dogs] Filipowicz Z.
Pol Arch Med Wewn 49:239-48, Sep 72 (Eng. Abstr.) **(Pol)**
[Effect of salicylates on the formation of platelet aggregates] Bielawiec M, et al.
Pol Tyg Lek 28:779-81, 20 May 73 (Eng. Abstr.) **(Pol)**
[The effect of magnesium on hemostatic system] Skotnicki A. **Przegl Lek** 30:520-1, 1973 **(Pol)**
[The effect of indole derivatives on thrombocyte aggregation] Lakin KM, et al.
Farmakol Toksikol 35:711-4, Nov-Dec 72 (Eng. Abstr.) **(Rus)**
[The effect of stachydrine alkaloid on the blood coagulation system] Mansurov MM.
Farmakol Toksikol 35:715-7, Nov-Dec 72 (Eng. Abstr.) **(Rus)**
[Effect of ADP on aggregation and thromboplastic activity of thrombocytes in vitro] Pastorova VE, et al.
Probl Gematol Pereliv Krovi 18:51-4, Jan 73 (Eng. Abstr.) **(Rus)**
[Effects in vivo of imidazole ketoglutarate on platelet function. Study of myocardial infarct patients] Domingo Albós A, et al.
Rev Esp Cardiol 26:123-8, 1973 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

Ultrastructural localization of alkaline phosphatase in human granulocytes, lymphocytes and platelets of normals and of some hematological disorders. Nakatsui T, et al. **Acta Haematol Jap** 35:47-68, Feb 72
Determination of acid phosphatase in human platelets. Turowski G, et al. **Acta Med Pol** 13:325-8, 1972
Role of cyclic AMP in platelet function. Salzman EW, et al. **Adv Cyclic Nucleotide Res** 1:231-47, 1972 (38 ref.)
The functional physiology of blood platelets. Born GV.
Adv Exp Med Biol 34:3-21, 1972 (64 ref.)
Separation of platelet populations from human and rat blood. Method and applications. Vainer H.
Adv Exp Med Biol 34:309-20, 1972
A dimethyltryptamine-forming enzyme in human blood. Wyatt RJ, et al.
Am J Psychiatry 130:754-60, Jul 73
Biochemistry and physiology of blood platelets. Holmsen H, et al. **Ann Clin Lab Sci** 1:38-47, Jul-Aug 71
Nature of the platelet defect in the Wiskott-Aldrich syndrome. Baldini MG.
Ann NY Acad Sci 201:437-44, 27 Oct 72
Molecular structure of plasma transglutaminase precursor. Bannerjee D, et al.
Ann NY Acad Sci 202:172-85, 8 Dec 72
Comparative studies on the fibrin-stabilizing factors from human plasma, platelets and placentas. Bohn H.
Ann NY Acad Sci 202:256-72, 8 Dec 72
Documentation of the plasma factor XIII deficiency in man. Duckert F. **Ann NY Acad Sci** 202:190-9, 8 Dec 72
Hereditary aspects of fibrin cross-linking. Hampton JW, et al. **Ann NY Acad Sci** 202:204-12, 8 Dec 72
The platelet defect associated with albinism. Hardisty RM, et al. **Ann NY Acad Sci** 201:429-36, 27 Oct 72
Biochemical and clinical aspects of megathrombocytes. Karpatkin S. **Ann NY Acad Sci** 201:262-79, 27 Oct 72
Demonstration of factor XIII in human megakaryocytes by a fluorescent antibody technique. Kiesselbach TH, et al. **Ann NY Acad Sci** 202:318-28, 8 Dec 72
Some thoughts on the state in nature, biosynthetic origin, and function of factor XIII. Loewy AG.
Ann NY Acad Sci 202:41-58, 8 Dec 72
Site of synthesis of plasma and platelet factor XIII. McDonagh J, et al.
Ann NY Acad Sci 202:31-40, 8 Dec 72 (28 ref.)
Cross-linking of fibrin by fibrin=stabilizing factor. McKee PA, et al.
Ann NY Acad Sci 202:127-48, 8 Dec 72 (37 ref.)
Recent advances in platelet lipid metabolism research. Marcus AJ. **Ann NY Acad Sci** 201:102-8, 27 Oct 72
Modification of platelet function. Mustard JF, et al.
Ann NY Acad Sci 201:343-59, 27 Oct 72
Human platelet senescence. Karpatkin S.
Annu Rev Med 23:101-28, 1972 (56 ref.)
Energy metabolism of blood platelets. I. Isolation and properties of platelet mitochondria. Salganicoff L, et al. **Arch Biochem Biophys** 153:726-35, Dec 72
Genetic control of platelet and plasma monoamine oxidase activity. Nies A, et al.
Arch Gen Psychiatry 28:834-8, Jun 73
Serotonin and platelet function in Duchenne muscular dystrophy. Murphy DL, et al.
Arch Neurol 28:239-42, Apr 73
The differential effect of Ca-ATP and Mg-ATP on platelet actomyosin. Abramowitz J, et al.
Biochem Biophys Res Commun 49:958-63, 15 Nov 72
The activation of adenylate cyclase. II. The postulated presence of (A) adenylate cyclase in a phospho (inhibited) form (B) a dephospho (activated) form with a cyclic adenylate stimulated membrane protein kinase. Constantopoulos A, et al.
Biochem Biophys Res Commun 53:794-9, 6 Aug 73
The occurrence of fluoride stimulated membrane phosphoprotein phosphatase. Layne P, et al.
Biochem Biophys Res Commun 53:800-5, 6 Aug 73
Phospholipase A-1 of human blood platelets. Smith JB, et al. **Biochem J** 131:615-8, Mar 73
Studies with phosphodiesterase. 3. Two forms of the enzyme from human blood platelets. Amer MS, et al.
Biochim Biophys Acta 309:149-56, 5 May 73
Platelet adhesiveness and aggregation. II. Surface sialic acid, glycoprotein: N-acetyineuraminic acid transferase, and neuraminidase of human blood platelets. Bosmann HB.
Biochim Biophys Acta 279:456-74, 25 Oct 72
The subcellular distribution and characterisation of ATPase activity in pig platelets. Harris GL, et al.
Biochim Biophys Acta 291:720-33, 16 Feb 73
Studies on a human blood platelet protease with elastolytic activity. Legrand Y, et al.
Biochim Biophys Acta 309:406-13, 6 Jun 73
Human brain and platelet cyclic adenosine 3',5'-monophosphate phosphodiesterases: different response to drugs. Pichard AL, et al.
Biochim Biophys Acta 279:217-20, 18 Aug 72
Studies on thrombosthenin a, the actin-like moiety of the contractile protein from blood platelets. I. Isolation, characterization and evidence for two forms of thrombosthenin A. Probst E, et al.
Biochim Biophys Acta 278:577-84, 31 Oct 72
Platelet dysfunction in glycogen storage disease type I. Czapek EE, et al. **Blood** 41:235-47, Feb 73
Enzymic studies on phosphatidic acid synthesis in human platelets. Okuma M, et al.
Blood 41:379-89, Mar 73
Biochemical changes in the platelet energy transferring system during concomitant action of cephalin and serotonin. Păusescu E, et al.
Br J Haematol 24:605-12, May 73
The effect of pyrimidine compounds on the potentiation of adenosine inhibition of aggregation, on adenosine phosphorylation and phosphodiesterase activity of blood platelets. Rozenberg MC, et al.
Br J Haematol 24:409-18, Apr 73
Investigations on acid phosphatase activity in human plasma and serum. Modder CP.
Clin Chim Acta 43:205-14, 24 Jan 73
The diagnostic value of thrombocytic glucose-6-phosphatase in patients with von Gierke's disease and its heterozygotes. Soyama K, et al.
Clin Chim Acta 44:327-31, 30 Mar 73

The assay of pyruvate kinase activity in blood cells. Tanphaichitr VS, et al. **Clin Chim Acta** 41:41-5, Oct 72
Platelet diphenoloxidases in progressive muscular dystrophy (P.M.D.). Dèmos J. **Clin Genet** 4:79-90, 1973
Tryptophan hydroxylase in nucleated thrombocytes of the domestic fowl. Sorimachi M, et al. **Eur J Biochem** 33:486-93, 15 Mar 73
Myeloproliferative disorders and platelet functions. Kubisz P. **Folia Haematol (Leipz)** 99:202-11, 1973
Coexistence of acid phosphatase and acid mucosubstance in the nucleoid of human blood platelet granules. Murata F, et al. **Histochemie** 35:319-29, 29 Jun 73
Thrombin-induced increase in intracellular cyclic 3',5'-adenosine monophosphate in human platelets. Droller MJ, et al. **J Clin Invest** 51:3094-103, Dec 72
Release of serotonin from human platelets induced by aggregated immunoglobulins of different classes and subclasses. Henson PM, et al. **J Clin Invest** 52:1282-8, May 73
Calcium uptake and associated adenosine triphosphatase activity of isolated platelet membranes. Robblee LS, et al. **J Gen Physiol** 61:462-81, Apr 73
Esterases in human leukocytes. Li CY, et al. **J Histochem Cytochem** 21:1-12, Jan 73
Acid phosphatases in human plasma. Li CY, et al. **J Lab Clin Med** 82:446-60, Sep 73
Studies of glycosidases in fresh and stored human platelets. Schmukler M, et al. **J Lab Clin Med** 80:635-43, Nov 72
Studies on lipid peroxides in platelets. 3. Effect on physiologic platelet functions. Tateishi I, et al. **J Lab Clin Med** 81:587-602, Apr 73
Diglyceride kinase in human platelets. Call FL 2d, et al. **J Lipid Res** 14:466-74, Jul 73
Platelet kinetics and adenosine triphosphatase activity in AKR mice. Brodsky I, et al. **J Natl Cancer Inst** 50:997-1001, Apr 73
The effect of 5,6-dihydroxytryptamine on uptake, storage and metabolism of 5-hydroxytryptamine by blood platelets. Da Prada M, et al. **J Pharmacol Exp Ther** 186:213-9, Aug 73
Demonstration of adenosin 3',5'-monophosphate dependent protein-phosphokinase in human platelets. Kaulen HD, et al. **Klin Wochenschr** 50:1114-5, 1 Dec 72
Detection of thymidine-phosphorylase in human blood platelets. Schneider W, et al. **Klin Wochenschr** 51:287-8, 15 Mar 73
DNA metabolism in anucleated human blood platelets? Schneider W, et al. **Klin Wochenschr** 51:415-6, 15 Apr 73
Effect of Newcastle disease virus on human or rabbit platelets. Aggregation and loss of constituents. Turpie AG, et al. **Lab Invest** 28:575-83, May 73
Activation and inhibition of blood platelet adenylate cyclase by adenosine or by 2-chloroadenosine. Haslam RJ, et al. **Life Sci [II]** 11:1143-54, 8 Dec 72
Studies on blood platelet release reaction. I. Acid phosphatase availability. Sack ES, et al. **Medicina (B Aires)** 32:373-81, Jul-Aug 72 (Eng. Abstr.) **(Spa)**
Deficiency of glutathione peroxidase associated with high levels of reduced glutathione in glanzmann's thrombasthenia. Karpatkin S, et al. **N Engl J Med** 287:1062-6, 23 Nov 72
Membrane receptors and platelet function: interaction of polylysine with adenosine triphosphatase (ATPase) in human platelet and platelet populations. Vainer H, et al. **Nouv Rev Fr Hematol** 12:707-8, Sep-Oct 72
A review: human erythrocyte acetylcholinesterase. Herz F, et al. **Pediatr Res** 7:204-14, Apr 73 (125 ref.)
Down's syndrome: transport, storage, and metabolism of serotonin in blood platelets. Lott IT, et al. **Pediatr Res** 6:730-5, Sep 72
Cellular responses to cyclic AMP. Bitensky MW, et al. **Prog Biophys Mol Biol** 26:409-61, 1973 (359 ref.)
The pharmacology of platelet inhibition. Weiss HJ. **Prog Hemostasis Thromb** 1:199-231, 1972 (246 ref.)
Prostaglandin modification of membrane-bound enzyme activity: a possible mechanism of action? Johnson M, et al. **Prostaglandins** 3:703-19, May 73 (54 ref.)
On folic acid metabolism in human normal leukocytes of peripheral blood. Onicescu D, et al. **Rev Roum Physiol** 10:163-8, 1973
Long-chain acyl-CoA synthetase activity in blood platelets and some human tissues. Farstad M, et al. **Scand J Clin Lab Invest** 31:205-11, Mar 73
Fibrinogen associated with subcellular platelet particles. Day HJ, et al. **Scand J Haematol** 10:136-43, 1973
LDH activity and isoenzymes in platelets: relation to thrombopoietic activity in man and rats. Knudsen FU. **Scand J Haematol** 9:459-64, 1972
Study of the clotting, esterase and platelet aggregating activities of thrombin, acetylated thrombin and reptilase. Tangen O, et al. **Scand J Haematol** 9:333-8, 1972
Reduced monoamine oxidase activity in platelets: a possible genetic marker for vulnerability to schizophrenia. Wyatt RJ, et al. **Science** 179:916-8, 2 Mar 73
Proteolytic inhibitors, contact and other variables in the release reaction of human platelets. Zucker MB. **Thromb Diath Haemorrh** 28:393-407, 31 Dec 72
Platelet enzyme activity during storage. Lactic dehydrogenase, aldolase and electron microscopy correlation. Novak RF, et al. **Transfusion** 12:405-12, Nov-Dec 72
Platelets in the cytoplasm of adrenocortical cells injured by temporary ischemia. Kovacs K, et al. **Z Mikrosk Anat Forsch** 86:394-8, 1972
[Platelet acid phosphatase activity in platelet disorders] Kubisz P. **Vnitr Lek** 18:958-68, Oct 72 (Eng. Abstr.) **(Cze)**
[Enzymology and myopathy. Diagnostic and genetic value of determination of platelet diphenol-oxydase activity] Demos J, et al. **Arch Fr Pediatr** 29:793-9, Oct 72 (Eng. Abstr.) **(Fre)**
[Action of blood platelets on plasma prophospholipase] Duchesne MUJ, et al. **Biochimie** 54:257-60, 1972 (Eng. Abstr.) **(Fre)**
[Study of membrane phospholipases: need of an activator present in platelet lysates] Torquebiau-Colard O, et al. **C R Acad Sci [D] (Paris)** 275:2775-7, 6 Dec 72 **(Fre)**
[Platelet enzyme sequence in advanced chronic renal failure] Cordonnier D, et al. **J Urol Nephrol (Paris)** 78:769-71, Sep 72 **(Fre)**
[Specific cholinesterase in the intact bone marrow] Gootz M, et al. **Acta Haematol (Basel)** 48:151-7, 1972 **(Ger)**
[Studies on the clinical significance of glycyl-L-leucine dipeptidase in blood platelets] Ardelt W. **Aerztl Forsch** 26:261-6, 10 Aug 72 (Eng. Abstr.) **(Ger)**
[Trasylol effects. 3. Trasylol effect on the degranulation of circulating blood platelets and mobilization of neutrophilic granulocytes during experimental peritonitis] Kifor E, et al. **Blut** 26:188-92, Mar 73 (Eng. Abstr.) **(Ger)**
[Various blood platelet enzymes (LDH, G-6-PDH) in chronic hepatitis and in liver cirrhosis] Kiss A, et al. **Folia Haematol (Leipz)** 99:180-90, 1973 (Eng. Abstr.) **(Ger)**
[Current methods in the diagnosis of platelet function disorders] Zöller H, et al. **Munch Med Wochenschr** 114:1922-6, 3 Nov 72 (Eng. Abstr.) **(Ger)**
[Pulmonary schistosomiasis. Identification and determination of elastase in platelets and its role in the development of Schistosoma mansoni granuloma] Behmer OA. **Rev Hosp Clin Fac Med Sao Paulo** 28:212-21, Jul-Aug 73 (Eng. Abstr.) **(Por)**
[Dynamic function of the thrombocytes (a survey of the literature)] Odesskaia TA. **Probl Gematol Pereliv Krovi** 17:47-53, Jul 72 (117 ref.) **(Rus)**

IMMUNOLOGY

Properties of anti-dog lymphocytic globulin raised with two cell types and immunization schedules. Colliste LG, et al. **Acta Chir Scand** 138:775-80, 1972
Immunological phenomen in the porcine liver perfused with human blood. Olszewski W, et al. **Acta Med Pol** 14:83-8, 1973
Requirements for antibody in the immune complex-induced platelet aggregation reaction. Palosuo T, et al. **Acta Pathol Microbiol Scand [B]** 81:143-9, Feb 73
General concepts of autosensitivity in disease. Parish WE. **Adv Biol Skin** 11:233-66, 1971 (78 ref.)
Separation of platelet populations from human and rat blood. Method and applications. Vainer H. **Adv Exp Med Biol** 34:309-20, 1972
Platelets, pregnancy, and phytohemagglutinin. Metcalf WK, et al. **Am J Obstet Gynecol** 114:602-6, 1 Nov 72

Contractile proteins of endothelial cells, platelets and smooth muscle. Becker CG, et al.
Am J Pathol 71:1-22, Apr 73 (34 ref.)

Human smooth muscle autoantibody. Its identification as antiactin antibody and a study of its binding to "nonmuscular" cells. Gabbiani G, et al.
Am J Pathol 72:473-88, Sep 73

The participation of the platelet in the vascular response to endotoxemia in the rabbit eye. Howes EL Jr, et al. **Am J Pathol** 70:25-44, Jan 73

Platelets in hyperacute rejection of heterotopic cardiac allografts in presensitized dogs. An experimental study. Sharma HM, et al.
Am J Pathol 70:155-74, Feb 73

Heterophile antibodies and tissue injury. 3. A role for platelets in the development of lethal vascular injury during Forssman shock in guinea pigs. Tsai CC, et al.
Am J Pathol 72:179-200, Aug 73

Purification and characterization of HL-A antigens from human platelets, solubilized by the non-ionic detergent NP-40. Dautigny A, et al.
Biochim Biophys Acta 298:783-9, 16 Apr 73

Isoantibody specificity in post-transfusion purpura. Gockerman JP, et al. **Blood** 41:817-22, Jun 73

The hemagglutination-inhibition assay for thrombopoietin. McDonald TP.
Blood 41:219-33, Feb 73

Immunologic response of patients with acute leukemia to platelet transfusions. Tejada F, et al.
Blood 42:405-12, Sep 73

Cellular immunity to platelets in idiopathic thrombocytopenic purpura. Wybran J, et al.
Blood 40:856-61, Dec 72

Arthus synovitis with horseradish peroxidase as antigen: sequential participation of platelets and leucocytes. Graham RC, et al.
Br J Exp Pathol 53:578-85, Oct 72

The use of platelet serotonin release as a sensitive method for detecting anti-platelet antibodies and a plasma anti-platelet factor in patients with idiopathic thrombocytopenic purpura. Hirschman RJ, et al.
Br J Haematol 24:793-802, Jun 73

Detection of splenic anti-platelet antibody synthesis in idiopathic autoimmune thrombocytopenic purpura (ATP). Karpatkin S, et al.
Br J Haematol 23:167-76, Aug 72

Platelet aggregation in corneal xenograft reaction. Ghartey KN, et al. **Can J Ophthalmol** 8:344-8, Apr 73

Tissue typing and organ transplantation. Singal DP.
Can J Surg 15:295-9, Sep 72 (27 ref.)

The use of the proteolytic enzyme brinase to produce autocytotoxicity in patients with acute leukemia and its possible role in immunotherapy. Thornes RD, et al.
Cancer Res 32:280-4, Feb 72

Effects of alloantibodies on lymphocyte proliferation in vitro. Revillard JP, et al.
Cell Immunol 8:339-55, Sep 73

Study of the rat glomerular basement membrane and chemical modifications in relation to its reactivity to platelets and binding of nephrotic antibody. Anderson M, et al. **Clin Sci** 44:5P passim, Feb 73

The complex nature of antigen HL-A.2 absorption studies of anti-HL-A.2 sera on cells from white and black individuals. Ivaśková E.
Folia Biol (Praha) 18:408-17, 1972

The effects of immune complexes on blood platelets and their relationship to complement activation. Pfueller SL, et al.
Immunochemistry 9:1151-65, Nov 72 (152 ref.)

Cytotoxicity of rabbit blood for Listeria monocytogenes. Shultz LD, et al.
Infect Immun 4:703-8, Dec 71

Digitoxin-induced thrombocytopenia. Medenica R, et al. **Int Arch Allergy Appl Immunol** 43:1-8, 1972

Immunologically mediated thrombocytopenia in the dog. Wilkins RJ, et al.
J Am Vet Med Assoc 163:277-82, 1 Aug 73

Mediation of cytotoxic effects of streptococcal M protein by nontype-specific antibody in human sera. Beachey EH, et al. **J Clin Invest** 52:2563-70, Oct 73

The assessment of drug-dependent and isoimmune antiplatelet antibodies by the use of platelet aggregometry. Deykin D, et al.
J Clin Invest 51:3142-53, Dec 72

Immunological studies of coagulation factor XIII. Israels ED, et al. **J Clin Invest** 52:2398-403, Oct 73

Association of white cell and red cell antibodies in human sera. Ross JM, et al.
J Clin Pathol 26:367-70, May 73

Platelet-dependent generation of chemotactic activity in serum. Weksler BB, et al.
J Exp Med 137:1419-30, 1 Jun 73

Cross-reactions of HL-A antibodies. II. Continuous pH gradient elution. Dorf ME, et al.
J Immunol 109:681-5, Oct 72

Characterization of IgE-induced systemic anaphylaxis in the rabbit, lack of correlation between the intravascular release of histamine and anaphylactic sensitivity. Halonen M, et al.
J Immunol 111:331-40, Aug 73

Platelet injury due to activation of the alternate complement pathway. Siraganian RP, et al.
J Immunol 110:490-7, Feb 73

Lysis of rabbit platelets by F(ab') 2 antibody fragments. Siraganian RP, et al.
J Immunol 109:907-9, Oct 72

Immune complex diseases. Dixon FJ.
J Invest Dermatol 59:413-5, Dec 72

Neonatal isoimmune purpura: response to platelet infusions. McIntosh S, et al. **J Pediatr** 82:1020-7, Jun 73

Modification of radiation lethality in mice by antithrombocyte serum injection. Kojima E, et al.
J Radiat Res (Tokyo) 13:167-76, Sep 72

Platelet survival in rabbits to detect hyperacute rejection. Andersen O, et al.
J Surg Res 14:193-9, Mar 73

The production of a highly specific antibody to human platelets. Dzoga K, et al. **Lab Invest** 27:351-6, Oct 72

Electron microscopy of ferritin-labeled platelet-specific antibody. Stoltzner G, et al.
Lab Invest 27:357-65, Oct 72

Principles of hematologic supportive care. Graw RG Jr, et al. **Med Clin North Am** 57:441-61, Mar 73 (128 ref.)

Clinical immune complex disease. Manifestations in systemic lupus erythematosus and hepatitis B virus infection. Kohler PF.
Medicine (Baltimore) 52:419-29, Sep 73

Stimulation of nonimmunized lymphocytes by platelet-antibody complexes in idiopathic thrombocytopenic purpura. Handin RI, et al.
N Engl J Med 289:714-8, 4 Oct 73

Smooth muscle antigens in platelets: immunofluorescent detection using human anti-smooth muscle serum. Gabbiani G, et al.
Pathol Biol (Paris) Suppl:6-10, Dec 72

Immunologic mechanisms of platelet damage. Osler AG, et al. **Prog Allergy** 16:450-98, 1972 (147 ref.)

Heparin induced thrombocytopenia with thrombotic and hemorrhagic manifestations. Rhodes GR, et al.
Surg Gynecol Obstet 136:409-16, Mar 73

Thrombocytopenia caused by antigen-antibody reactions with special reference to intravascular coagulation. Fedder G, et al.
Thromb Diath Haemorrh 27:452-60, 31 Jul 72

Continuous flow plateletpheresis for the preparation of platelet derived HL-A antigens. Borberg H, et al.
Tissue Antigens 2:478-9, 1972

Cross-reactions of HL-A antibodies. V. Relationship between the human HL-A11 and chimpanzee ChW-11 specificities. Dorf ME, et al.
Tissue Antigens 2:461-72, 1972

Variables in an assay of soluble human transplantation antigens. Etheredge EE, et al.
Tissue Antigens 1:109-20, 1971

HL-A types in Danish Eskimos from Greenland. Kissmeyer-Nielsen F, et al.
Tissue Antigens 1:74-80, 1971

Heterogeneity of HL-A specificities shown by platelet complement-fixation. Mittal KK, et al.
Tissue Antigens 1:279-85, 1971

Cross-reactivity in the HL-A system. Mittal KK, et al.
Tissue Antigens 2:94-104, 1972

Studies on cross reactive HL-A antibodies by elution with platelets. Mueller-Eckhardt C, et al.
Tissue Antigens 2:436-46, 1972

Identification of two determinants included in "antigen" HL-A-10 (TO 31 and TO 40) and of a new family of cross-reacting specificities (HL-A1,11,TO 30,31,40). Richiardi P, et al.
Tissue Antigens 1:162-70, 1971

The Mo 91 antigen, an allele at the first HL-A locus. Seignalet J. **Tissue Antigens** 2:454-60, 1972

Serological studies on lymphocytotoxic antibodies in primiparous women. Tongio MM, et al.
Tissue Antigens 1:243-57, 1971

Mixed lymphocyte-platelet, lymphocyte-kidney cell and lymphocyte-liver cell reactions in rats. Nishihira T, et al. **Tohoku J Exp Med** 108:1-7, Sep 72

MN blood group activity of the blood components other

than the red cells. Sagisaka K, et al.
Tohoku J Exp Med 109:1-6, Jan 73
Utilization of the platelet release reaction to measure ITP factor and platelet antibodies. Hirschman RJ, et al. **Trans Assoc Am Physicians** 85:325-34, 1972
Simple methods for productions of HL-A antigen poor red blood cells. Miller WV, et al.
Transfusion 13:189-93, Jul-Aug 73
The platelet in the obliterate vascular rejection phenomenon. Burrows L, et al.
Transplant Proc 5:157-60, Mar 73
Platelet activity of antilymphocyte serum (ALS) preparations. Condie RM, et al.
Transplant Proc 5:555-9, Mar 73
Workshop on the fundamentals of histocompatibility antigens. Rood JJ van, et al.
Transplant Proc 5:989-91, Mar 73
A standardized ALG for use in man. Thomas J, et al.
Transplant Proc 4:477-9, Dec 72
Platelet survival test. An accurate prediction of hyperacute rejection of renal allografts in rabbits. Andersen OS, et al. **Transplantation** 15:105-10, Jan 73
Platelet survival test. A method to detect preimmunization in rabbits. Andersen OS, et al.
Transplantation 15:101-10, Jan 73
Histocompatibility antigens of human plasma. Localization to the HLD-3 lipoprotein fraction. Aster RH, et al. **Transplantation** 16:205-10, Sep 73
Platelet complement fixation: an in vitro test of the immunosuppressive activity of antilymphocyte globulin. Balfour IC, et al.
Transplantation 14:308-10, Sep 72
Immediate complement consumption and ultrastructural lesions in canine renal allografts. Kux M, et al. **Transplantation** 15:637-40, Jun 73
Rescue of rhesus monkeys from acute lethal graft-versus-host disease using cyclophosphamide and frozen autologous bone marrow. Merritt CB, et al.
Transplantation 15:154-9, Jan 73
The effect of buffy coat-poor blood transfusion on subsequent hemopoietic grafts. Storb R, et al.
Transplantation 15:129-36, Jan 73
Marrow grafts between DL-A-matched canine littermates. Storb R, et al.
Transplantation 15:92-100, Jan 73
The SL-A histocompatibility system in the Sus scrofa species. Vaiman M, et al.
Transplantation 14:541-50, Nov 72
Platelet transfusions: shortened survival of HL-A-identical platelets and failure of in vitro detection of anti-platelet antibodies after multiple transfusions. Bucher U, et al. **Vox Sang** 25:187-92, 1973
Allo-antigens and allo-antibodies of the Ko system, serological and genetic study. Marcelli-Barge A, et al.
Vox Sang 24:1-11, Jan 73
[Blood platelet antibodies in the sera of patients with rheumatism] Májský A, et al.
Cas Lek Cesk 112:244-5, 23 Feb 73 (Eng. Abstr.) (Cze)
[Leukocyte and thrombocyte antibodies in paroxysmal nocturnal hemoglobinuria] Kout M, et al.
Vnitr Lek 19:654-9, Jul 73 (Eng. Abstr.) (Cze)
[Immune complex in diagnosis] Wager O, et al.
Duodecim 89:113-21, 1973 (Fin)
[Active anti-platelet antibodies in the presence of acetyl-salicylic acid. Activity on platelet aggregation and cross reactions] Duriez R, et al.
Ann Med Interne (Paris) 123:593-6, Jun-Jul 72 (Fre)
[Separation of human histocompatibility antigens (HL-A) of different specificity by undirect immunoprecipitation] Dautigny A, et al.
C R Acad Sci [D] (Paris) 276:1641-4, 5 Mar 73 (Fre)
[Anti HL-A transfusion immunization after extracorporeal circulation] Colombani J, et al.
Nouv Rev Fr Hematol 12:201-16, Mar-Apr 72 (Eng. Abstr.) (Fre)
[Electrokinetic properties of human blood platelets] Larcan A, et al.
Nouv Rev Fr Hematol 13:119-34, Jan-Feb 73 (Eng. Abstr.) (Fre)
[Behavior of thrombocytes under immunosuppressive and anticoagulant therapy in a case of thrombophlebitis migrans] Paar D.
Med Welt 23:1666-7, 4 Nov 72 (Ger)
[Transfusion reactions due to HL-A-specific antilymphocytic and antithrombocytic antibodies] Heinrich D, et al.
Verh Dtsch Ges Inn Med 77:1135-8, 1971 (Ger)
[Clinical importance of leukocyte isoantigens] Mayr WR.
Wien Med Wochenschr 25:373-8, 25 May 73 (65 ref.) (Eng. Abstr.) (Ger)
[The isoantigen system of leukocytes and thrombocytes and their pathologic significance. I. Review of the literature. Preliminary results of studies of the HL-A histocompatibility antigens] Aszódi L, et al. **Orv Hetil** 114:70-4, 14 Jan 73 (Hun)
[Thrombocytopenic and thrombocytopathic syndrome in childhood. II. Signs of platelet physiopathology] Santangelo G, et al.
Minerva Pediatr 24:1208-89, 1 Sep 72 (Ita)
[Idiopathic thrombopenic purpura] Yasunaga K.
Jap J Clin Hematol 13:504-9, Aug 72 (Jap)
[Post-transfusion autoimmune thrombocytopenia purpura syndrome] Walewska I.
Acta Haematol Pol 2:259-64, Jul-Sep 71 (34 ref.) (Eng. Abstr.) (Pol)
[Immunohematological studies of idiopathic thrombocytopenia] Walewska I, et al.
Acta Haematol Pol 2:203-11, Jul-Sep 71 (Eng. Abstr.) (Pol)
[Immunosuppressive treatment of systemic lupus erythematosus with thrombocytopenic purpura] Lebioda J, et al.
Przegl Dermatol 59:721-5, Nov-Dec 72 (Eng. Abstr.) (Pol)
[HL-A system and its importance in transfusiology] Turowski G. **Przegl Lek** 29:823-6, 1972 (39 ref.) (Pol)
[Significance of a number of platelet-forming cells in the peripheral blood in patients with varicose dilatation of the veins] Razin VF, et al.
Klin Med (Mosk) 51:84-6, Apr 73 (Rus)
[Complex immunomorphological study of thrombocytes in the diagnosis of thrombocytopathies and of the possibility of complex therapy] Germanov VA, et al. **Lab Delo** 12:750-3, 1972 (Rus)
[Complications in blood transfusion] Höglund S.
Lakartidningen 69:Suppl 4:65-72, 27 Dec 72 (Eng. Abstr.) (Swe)

ISOLATION & PURIFICATION

[Separation and blood component therapy] Cedergren B.
Lakartidningen 69:Suppl 4:59-64, 27 Dec 72 (Eng. Abstr.) (Swe)

METABOLISM

Platelet function studies in factor V deficiency. Seeler RA, et al. **Acta Haematol (Basel)** 48:176-82, 1972
Infectious mononucleosis with thrombocytopenic purpura. Selroos O. **Acta Med Scand** 192:471-4, Nov 72
Membrane effects of drugs interfering with adrenergic mechanisms. Lemmer B, et al.
Acta Physiol Pol 24:285-8, Jan-Feb 73
The active uptake of 5-hydroxytryptamine in rat and human blood platelets under the influence of lithium in vivo and in vitro. Genefke IK.
Acta Psychiatr Scand 48:394-9, 1972
Thrombogenic properties of vascular catheter materials in vivo. The differences between materials. Schlossman D.
Acta Radiol [Diagn] (Stockh) 14:186-92, Mar 73
Role of cyclic AMP in platelet function. Salzman EW, et al. **Adv Cyclic Nucleotide Res** 1:231-47, 1972 (38 ref.)
Method for the measurement of 14 C-5 HT uptake and release by platelets. David JL, et al.
Adv Exp Med Biol 34:335-9, 1972
Assay of platelet ATP and ADP by the luciferase method: some theoretical and practical aspects. David JL, et al. **Adv Exp Med Biol** 34:341-54, 1972
Separation of platelet populations from human and rat blood. Method and applications. Vainer H.
Adv Exp Med Biol 34:309-20, 1972
Metabolic disorders of platelets. Hellem AJ.
Adv Intern Med 17:171-87, 1971 (69 ref.)
Effect of external calcium and magnesium on thrombin-induced changes in calcium and magnesium of pig platelets. Kinlough-Rathbone RL, et al.
Am J Physiol 224:941-5, Apr 73
Biochemistry and physiology of blood platelets. Holmsen H, et al. **Ann Clin Lab Sci** 1:38-47, Jul-Aug 71
Thromboasthenia. Morse EE, et al.
Ann Clin Lab Sci 2:432-9, Nov-Dec 72
The binding of tryptophan to plasma proteins and the rate of the inactivation of 5HT released from platelets in Down's syndrome. Airaksinen EM, et al.
Ann Clin Res 4:361-5, Dec 72
Ethanol-insoluble adenine nucleotides in platelets and

their possible role in platelet function. Homsen H. **Ann NY Acad Sci** 201:109-21, 27 Oct 72

Platelet defects in the myeloproliferative disorders. Inceman S, et al. **Ann NY Acad Sci** 201:251-61, 27 Oct 72

Recent advances in platelet lipid metabolism research. Marcus AJ. **Ann NY Acad Sci** 201:102-8, 27 Oct 72

Platelet membrane mucopolysaccharides: some relevant observations. O'Brien JR. **Ann NY Acad Sci** 201:316-28, 27 Oct 72

Cyclic 3',5'-adenosine monophosphate in human blood platelets. IV. Regulatory role of cyclic amp in platelet function. Salzman EW, et al. **Ann NY Acad Sci** 201:61-71, 27 Oct 72

Lipid and amino acid synthesis in aggregating platelets. Steiner M. **Ann NY Acad Sci** 201:92-101, 27 Oct 72

Fate of particulate material arriving at the synovium via the circulation. An ultrastructural study. Schumacher HR. **Ann Rheum Dis** 32:212-8, May 73

Human platelet senescence. Karpatkin S. **Annu Rev Med** 23:101-28, 1972 (56 ref.)

Energy metabolism of blood platelets. I. Isolation and properties of platelet mitochondria. Salganicoff L, et al. **Arch Biochem Biophys** 153:726-35, Dec 72

Serotonin and platelet function in Duchenne muscular dystrophy. Murphy DL, et al. **Arch Neurol** 28:239-42, Apr 73

Cerebral arterial spasm. Modification by inhibition of platelet function. Zervas NT, et al. **Arch Neurol** 28:400-4, Jun 73

Studies on psychotropic drugs. XVII. Effects of 3-chloro-5-(3-(4-piperidino-4-carbamoyl-piperidino)-propyl)-10,11-dihydro-5(H)-dibenz-(b,f)-azepine dihydrochloride monohydrate (Y-4153) on the metabolism of biogenic amines. Nakanishi M, et al. **Arzneim Forsch** 23:806-10, Jun 73

The biosynthesis of prostaglandins in thrombocytes. Clausen J, et al. **Biochem J** 128:4P, Jun 72

Secretory mechanisms. Behaviour of adenine nucleotides during the platelet release reaction induced by adenosine diphosphate and adrenaline. Holmsen H, et al. **Biochem J** 129:67-82, Aug 72

Structure-function relationships of various steroids relative to lipid metabolism in human blood cells. Duboff GS, et al. **Biochem Med** 6:483-94, Dec 72

The metabolism of 5-hydroxytryptamine by blood platelets from children with mongolism. Boullin DJ, et al. **Biochem Pharmacol** 22:1647-51, 1 Jul 73

Phosphorylation of pyridoxine by human blood platelets--effects of structure analogs and metabolic inhibitors. Gaut ZN, et al. **Biochem Pharmacol** 21:2395-400, 1 Sep 72

Accumulation, storage and release of adrenergic neuron blocking agents and related drugs by human platelets. O'Brien RA, et al. **Biochem Pharmacol** 21:1817-27, 1 Jul 72

Studies on the binding of (3 H)vinblastine by rat blood platelets in vitro. Effects of colchicine and vincristine. Secret CJ, et al. **Biochem Pharmacol** 21:1609-24, 1 Jun 72

Uptake and efflux of 87 rubidium by human blood platelets. Baadenhuijsen H, et al. **Biochim Biophys Acta** 298:690-701, 29 Mar 73

Characterization of a chondroitin 4 -sulfate proteoglycan carrier for heparin neutralizing activity (platelet factor 4) released from human blood platelets. Barber AJ, et al. **Biochim Biophys Acta** 286:312-29, 29 Dec 72

Adenine nucleotide metabolism of blood platelets. 8. Transport of adenine into human platelets. Sixma JJ, et al. **Biochim Biophys Acta** 298:460-8, 16 Mar 73

Prostaglandin E1 and platelets. Bousser MG. **Biomedicine** 18:95-102, Mar 73 (63 ref.)

Relationship of glucose oxidation to aggregation of human platelets. Chaudhry AA, et al. **Blood** 41:249-58, Feb 73

A hypertransfused mouse assay for thrombopoietic factors. Cooper GW, et al. **Blood** 42:423-8, Sep 73

Lysolecithin metabolism by human platelets. Eisbach P, et al. **Blood** 37:675-83, Jun 71

Immunologic response of patients with acute leukemia to platelet transfusions. Tejada F, et al. **Blood** 42:405-12, Sep 73

The platelet defect associated with albumism. Hardisty RM, et al. **Br J Haematol** 23:679-92, Dec 72

Platelet age: its relationship to platelet size, function and metabolism. Hirsh J. **Br J Haematol** 23:Suppl:209-14, Sep 72 (33 ref.)

Changes in 32 p-labelling of platelet phospholipids in response to ADP. Lloyd JV, et al. **Br J Haematol** 23:571-85, Nov 72

Effect of ADP-induced aggregation on 32 PO 4 incorporation into phosphatidic acid and the phosphoinositides of rabbit platelets. Lloyd JV, et al. **Br J Haematol** 24:589-604, May 73

Biochemical changes in the platelet energy transferring system during concomitant action of cephalin and serotonin. Păusescu E, et al. **Br J Haematol** 24:605-12, May 73

The effect of pyrimidine compounds on the potentiation of adenosine inhibition of aggregation, on adenosine phosphorylation and phosphodiesterase activity of blood platelets. Rozenberg MC, et al. **Br J Haematol** 24:409-18, Apr 73

The effect of narcotic analgesics on the uptake of 5-hydroxytryptamine and (-)-metaraminol by blood platelets. Ahtee L, et al. **Br J Pharmacol** 47:808-18, Apr 73

The mode of action of 6-methoxy-1,2,3,4-tetrahydro--carboline on brain serotonin. Ho BT, et al. **Can J Biochem** 51:482-5, Apr 73

Inhibition by lithium of prostaglandin E1 and norepinephrine effects on cyclic adenosine monophosphate production in human platelets. Murphy DL, et al. **Clin Pharmacol Ther** 14:810-4, Sep-Oct 73

Evaluation of ethylene glycol as a cryoprotective agent for blood platelets. Kahn RA, et al. **Cryobiology** 10:148-51, Jun 73

Leukocyte mitochondria: function and biogenesis. Kirschner RH, et al. **Enzyme** 13:56-76, 1972 (73 ref.)

Effects of amantadine and amphetamine on serotonin uptake and release by human blood platelets. Lemmer B. **Eur J Pharmacol** 21:183-8, Feb 73

Storage of 5-hydroxytryptamine in human blood platelets. Da Prada M, et al. **Experientia** 28:1328-9, 15 Nov 72

Some properties of blood platelets in animal species. Donner L, et al. **Folia Haematol (Leipz)** 98:296-302, 1972

The influence of platelets on lipoprotein-lipase activity. Bucher HW. **Helv Med Acta** 37:49-54, 1973

A study of platelet function in primary thrombopathy. Kasturi J, et al. **Indian J Med Res** 60:567-75, Apr 72

Histamine release in the dog after leukocyte lysate injection. Kelly MT, et al. **Infect Immun** 4:228-31, Sep 71

Medical and surgical applications of collagen. Chvapil M, et al. **Int Rev Connect Tissue Res** 6:1-61, 1973 (253 ref.)

Serotonin and central nervous system syndromes of childhood: a review. Coleman M. **J Autism Child Schizo** 3:27-35, Jan-Mar 73 (29 ref.)

Human Factor XIII from plasma and platelets. Molecular weights, subunit structures, proteolytic activation, and cross-linking of fibrinogen and fibrin. Schwartz ML, et al. **J Biol Chem** 248:1395-407, 25 Feb 73

Altered lipid metabolism in human platelets after primary aggregation. Deykin D. **J Clin Invest** 52:483-92, Feb 73

Thrombin-induced increase in intracellular cyclic 3',5'-adenosine monophosphate in human platelets. Droller MJ, et al. **J Clin Invest** 51:3094-103, Dec 72

Release of serotonin from human platelets induced by aggregated immunoglobulins of different classes and subclasses. Henson PM, et al. **J Clin Invest** 52:1282-8, May 73

Formation of prostaglandins during the aggregation of human blood platelets. Smith JB, et al. **J Clin Invest** 52:965-9, Apr 73

Calcium uptake and associated adenosine triphosphatase activity of isolated platelet membranes. Robblee LS, et al. **J Gen Physiol** 61:462-81, Apr 73

Platelet metabolism in acute leukemia. Cowan DH. **J Lab Clin Med** 82:54-66, Jul 73

Inhibition of the platelet-dependent fibrin retraction by the fibrin stabilizing factor (FSF, factor 13). Niewiarowski S, et al. **J Lab Clin Med** 81:641-50, May 73

Studies on lipid peroxides in platelets. 3. Effect on physiologic platelet functions. Tateishi I, et al. **J Lab Clin Med** 81:587-602, Apr 73

The mechanism of enhanced clearance of colloidal carbon from the blood of rabbits stimulated with a tubercle bacillary lipid. Donald KJ. **J Pathol** 108:97-104, Oct 72

Chlorpromazine metabolism. V. Disposition of free and conjugated metabolites in blood fractions of schizophrenic patients. Kaul PN, et al. **J Pharm Sci** 61:1753-7, Nov 72

The effect of 5,6-dihydroxytryptamine on uptake,

storage and metabolism of 5-hydroxytryptamine by blood platelets. Da Prada M, et al. **J Pharmacol Exp Ther** 186:213-9, Aug 73

Binding of cyproheptadine-(N-methyl- 14 C) by human blood platelets: inhibition by phenothiazines and tricyclic antidepressants. Gaut ZN. **J Pharmacol Exp Ther** 185:171-3, Apr 73

The prostaglandins: biology and biochemistry. Hinman JW, et al. **J Reprod Med** 9:262-5, Dec 72

Effect of Newcastle disease virus on human or rabbit platelets. Aggregation and loss of constituents. Turpie AG, et al. **Lab Invest** 28:575-83, May 73

Vitamin C and colds. Briggs M, et al. **Lancet** 1:998, 5 May 73

Stressed template bleeding-time and other platelet-function tests in myocardial infarction. O'Brien JR, et al. **Lancet** 1:694-6, 31 Mar 73

Amine uptake and thyrotropin-releasing hormone. Tuomisto J, et al. **Lancet** 1:836, 14 Apr 73

Synthesis of prostaglandins (PGE, PGF, PGA and PGB) in human platelets. Srivastava KC, et al. **Lipids** 7:762-5, Dec 72

Synthesis of glucose in human thrombocytes. Nakamura N, et al. **Metabolism** 22:29-38, Jan 73

The effect of thrombin and trypsin on calcium uptake by calf platelet membranes. Robblee LS, et al. **Microvasc Res** 6:99-107, Jul 73

Platelet and fibrinogen consumption in man. Harker LA, et al. **N Engl J Med** 287:999-1005, 16 Nov 72

Inhibition of adenosine uptake by platelets. Jenkins CS, et al. **Nature [New Biol]** 239:210-1, 18 Oct 72

Changes in the adenylate energy charge in human blood platelets induced by adenosine diphosphate. Mills DC. **Nature [New Biol]** 243:220-2, 13 Jun 73

Platelet aggregation induced by arachidonic acid is accompanied by release of potential inflammatory mediators distinct from PGE2 and PGF2. Vargaftig BB, et al. **Nature [New Biol]** 244:114-6, 25 Jul 73

5-hydroxytryptamine in platelets and brain of rabbits treated chronically with imipramine, morphine or methadone. Ahtee L, et al. **Naunyn Schmiedebergs Arch Pharmacol** 277:429-36, 30 Apr 73

Storage of biogenic amines in blood platelets and adrenal medulla. Lack of evidence for direct involvement of glycosaminoglycans. Da Prada M, et al. **Naunyn Schmiedebergs Arch Pharmacol** 275:315-22, 1972

Effect of lidoflazine (R 7904) on uptake and release of serotonin by human platelets in vitro. De Clerck FF, et al. **Naunyn Schmiedebergs Arch Pharmacol** 278:261-9, 1973

Human blood platelets as cellular models for investigation of membrane active drugs: beta-adrenergic blocking agents. Lemmer B, et al. **Naunyn Schmiedebergs Arch Pharmacol** 275:299-313, 1972

Down's syndrome. Central monoamine turnover in patients with diminished platelet serotonin. Lott IT, et al. **Neurology (Minneap)** 22:967-72, Sep 72

Down's syndrome: transport, storage, and metabolism of serotonin in blood platelets. Lott IT, et al. **Pediatr Res** 6:730-5, Sep 72

Studies of the behavior of 5-hydroxyindoleacetic acid in experimental pulmonary embolism. Preibisz J. **Pol Med J** 11:1163-71, 1972

Effects of penicillin G on platelet aggregation, release, and adherence to collagen. Cazenave JP, et al. **Proc Soc Exp Biol Med** 142:159-66, Jan 73

Platelets, prostaglandins, red cells, sedimentation rates, serum and tissue proteins and non-steroidal anti-inflammatory drugs. Glenn EM, et al. **Proc Soc Exp Biol Med** 141:879-86, Dec 72

Effect of zinc on the viability and phagocytic capacity of peritoneal macrophages. Karl L, et al. **Proc Soc Exp Biol Med** 142:1123-7, Apr 73

The effects of phenazinemethosulfate and methylene blue on human platelet phospholipid synthesis. Schick PK, et al. **Proc Soc Exp Biol Med** 141:114-8, Oct 72

The pharmacology of platelet inhibition. Weiss HJ. **Prog Hemostasis Thromb** 1:199-231, 1972 (246 ref.)

Duration of inhibition of platelet prostaglandin formation and aggregation by ingested aspirin or indomethacin. Kocsis JJ, et al. **Prostaglandins** 3:141-4, Feb 73

Human blood prostaglandins: formation during clotting. Silver MJ, et al. **Prostaglandins** 1:429-36, Jun 72

Letters to the editor: prostaglandins in blood. Silver MJ, et al. **Prostaglandins** 2:75-7, Aug 72

Effects of thrombin and serotonin upon the energetics of blood platelets: adenine nucleotides and some related enzymes. Chirvasie R, et al. **Rev Roum Physiol** 9:443-51, 1972

Biochemical aspects concerning adenine nucleotides and some related enzymes in the concomitant action of cephalin and serotonin of the blood platelets. Păuşescu E, et al. **Rev Roum Physiol** 10:331-9, 1973

Significance of intravascular coagulation and fibrinolysis in acute hepatic failure. Hillenbrand P, et al. **Scand J Gastroenterol [Suppl]** 19:133-4, 1973

The platelet aggregating effect of eight commercial heparins. Elka C. **Scand J Haematol** 9:480-2, 1972

Influence of factor VII on the assay of factor VIII by the one stage method using wettable surface. Altman R, et al. **Thromb Diath Haemorrh** 28:457-63, 31 Dec 72

Protein synthesis by human blood platelets after accumulation of leucine and arginine. Boullin DJ, et al. **Thromb Diath Haemorrh** 28:54-64, 31 Aug 72

Bleeding tendency with platelet dysfunction and albinism. A case report. Murakami M, et al. **Thromb Diath Haemorrh** 27:461-71, 31 Jul 72

A case of thrombasthenia with a study of platelet aggregation by hydrogen peroxide (H 2 O 2). Higashi O, et al. **Tohoku J Exp Med** 106:399-409, Apr 72

Blood platelet as a model for action of drugs and bacterial products. Paasonen MK. **Toxicon** 10:479-84, Aug 72 (37 ref.)

[Study of the in-vitro degranulation of blood platelets with a quantitative ultrastructural method] Bryon PA, et al. **C R Soc Biol (Paris)** 166:893-8, 1972 (Fre)

[The effects of coronary actve drugs on membrane metabolism and permeability] Pohl A, et al. **Arzneim Forsch** 22:2049-53, Dec 72 (Eng. Abstr.) (Ger)

[Kinetics of thrombocytes and splenectomy] Gehrmann G. **Biut** 25:229-34, Oct 72 (Ger)

[Influencing of serum potassium analysis using blood platelets] Blum KU. **Dtsch Med Wochenschr** 97:1615-6, 20 Oct 72 (Ger)

[Various blood platelet enzymes (LDH, G-6-PDH) in chronic hepatitis and in liver cirrhosis] Kiss A, et al. **Folia Haematol (Leipz)** 99:180-90, 1973 (Eng. Abstr.) (Ger)

[New findings on nucleic acid synthesis in human blood platelets] Schneider W, et al. **Verh Dtsch Ges Inn Med** 78:696-8, 1972 (Ger)

[Studies on protein synthesis of human blood platelets] Schneider W, et al. **Verh Dtsch Ges Inn Med** 77:400-3, 1971 (Ger)

[Function and metabolism of the platelets] Odake K. **Jap J Clin Med** 31:775-82, Apr 73 (48 ref.) (Jap)

[Role of enzymes in inflammation] Fujii S, et al. **Jap J Clin Pathol** 21:1-10, Jan 73 (73 ref.) (Jap)

[Metabolism of blood platelets: biochemical aspects of its release reaction] Kuramoto A. **Jap J Clin Pathol** 21:11-23, Jan 73 (73 ref.) (Jap)

[Hemostasis disorders in liver cirrhosis] Judkiewicz L, et al. **Pol Tyg Lek** 28:708-11, 1 May 73 (34 ref.) (Pol)

[Serotonin and the functional state of the gastrointestinal tract in surgical patients (review of the literature)] Kulikova LA, et al. **Khirurgiia (Mosk)** 48:124-7, Oct 72 (23 ref.) (Rus)

[Evaluation of the basic methods of studying primary hemostasis and the dynamic function of blood platelets (review of the literature)] Shitikova AS. **Lab Delo** 11:648-56,. 1972 (100 ref.) (Rus)

[Dynamic function of the thrombocytes (a survey of the literature)] Odesskaia TA. **Probl Gematol Pereliv Krovi** 17:47-53, Jul 72 (117 ref.) (Rus)

[Studies on uremic thrombopathy. Analysis of 59 patients with special reference to platelet lipids] García-San Miguel J, et al. **Sangre (Barc)** 18:31-9, 1973 (Eng. Abstr.) (Spa)

MICROBIOLOGY

Platelet interaction with bacteria. 3. Ultrastructure. Clawson CC. **Am J Pathol** 70:449-71, Mar 73

The pathogenesis of epizootic hemorrhagic disease of deer: an electron microscopic study. Tsai K, et al. **Am J Pathol** 70:379-400, Mar 73

Bacterial contamination of platelet concentrates stored at 20 degrees C. Cunningham M, et al. **J Clin Pathol** 26:401-4, Jun 73

The bacteriological screening of platelet concentrates stored at 22 C. Goddard D, et al. **Transfusion** 13:103-6, Mar 73

PATHOLOGY

Contractile proteins of endothelial cells, platelets and smooth muscle. Becker CG, et al.
Am J Pathol 71:1-22, Apr 73 (34 ref.)

PHYSIOLOGY

The functional physiology of blood platelets. Born GV.
Adv Exp Med Biol 34:3-21, 1972 (64 ref.)
Platelet factor 3--properties and clinical significance. De Gaetano G, et al. **Adv Exp Med Biol** 34:159-72, 1972
Methods for the preparation of washed platelet suspensions. Mannucci PM.
Adv Exp Med Biol 34:57-78, 1972 (68 ref.)
Standardzed bleeding time in the study of drugs interfering with platelet function. Praga C, et al.
Adv Exp Med Biol 34:149-58, 1972
The role of the platelet membrane in platelet function. I. Blood coagulation. Glynn MF.
Am J Clin Pathol 60:309-13, Sep 73
Ultrastructural findings in storage pool disease and aspirin-like defects of platelets. Weiss HJ, et al.
Am J Pathol 71:447-66, Jun 73
Laboratory tests of platelet function. Day HJ, et al.
Ann Clin Lab Sci 2:63-74, Jan-Feb 72
Biochemistry and physiology of blood platelets. Holmsen H, et al. **Ann Clin Lab Sci** 1:38-47, Jul-Aug 71
Factors affecting hemostatic plug formation in an extracorporeal model. Didisheim P, et al.
Ann NY Acad Sci 201:307-15, 27 Oct 72
Biochemical and clinical aspects of megathrombocytes. Karpatkin S. **Ann NY Acad Sci** 201:262-79, 27 Oct 72
Thrombosthenin: structure and function. Lüscher EF, et al. **Ann NY Acad Sci** 201:122-30, 27 Oct 72
Modification of platelet function. Mustard JF, et al.
Ann NY Acad Sci 201:343-59, 27 Oct 72
The platelet as an inflammatory cell. Nachman RL, et al.
Ann NY Acad Sci 201:131-7, 27 Oct 72
Platelet interaction with fibrinogen and fibrin: comparison of the interaction of platelets with that of fibroblasts, leukocytes, and erythrocytes. Niewiarowski S, et al.
Ann NY Acad Sci 201:72-83, 27 Oct 72
Cyclic 3',5'-adenosine monophosphate in human blood platelets. IV. Regulatory role of cyclic amp in platelet function. Salzman EW, et al.
Ann NY Acad Sci 201:61-71, 27 Oct 72
Mechanisms of platelet function as revealed by the retention of platelets in glass bead columns. Zucker MB, et al. **Ann NY Acad Sci** 201:138-44, 27 Oct 72
Human platelet senescence. Karpatkin S.
Annu Rev Med 23:101-28, 1972 (56 ref.)
Fibrinolysis and haemostasis. Castaldi PA, et al.
Aust NZ J Med 2:113-7, May 72
Kinetics of the thrombin-induced release of calcium (II) by platelets. Detwiler TC, et al.
Biochemistry 12:282-9, 16 Jan 73
Platelet age: its relationship to platelet size, function and metabolism. Hirsh J.
Br J Haematol 23:Suppl:209-14, Sep 72 (33 ref.)
Studies on blood coagulation, fibrinolysis and platelet function following exercise in normal and splenectomized people. Prentice CR, et al.
Br J Haematol 23:541-52, Nov 72
Platelets and initiation of intrinsic clotting. Schiffman S, et al. **Br J Haematol** 24:633-42, May 73
Coagulation changes during termination of pregnancy by prostaglandins and by vacuum aspiration. Badraoui MH, et al. **Br Med J** 1:19-21, 6 Jan 73
An acute effect of cigarette smoking on platelet function. A possible link between smoking and arterial thrombosis. Levine PH.
Circulation 48:619-23, Sep 73
Platelet lipids and coagulation in plasma. II. Thromboplastic activity. Boggust WA.
Ir J Med Sci 141:168-80, Oct-Dec 72
Pulmonary function and platelet-lung interaction. White MK, et al. **J Appl Physiol** 34:697-703, May 73
Platelet-dependent generation of chemotactic activity in serum. Weksler BB, et al.
J Exp Med 137:1419-30, 1 Jun 73
Thrombokinetics in dietary-induced folate deficiency in human subjects. Cowan DH, et al.
J Lab Clin Med 81:577-86, Apr 73
Platelet function and survival in sickle cell disease. Haut MJ, et al. **J Lab Clin Med** 82:44-53, Jul 73
Studies on lipid peroxides in platelets. 3. Effect on physiologic platelet functions. Tateishi I, et al.
J Lab Clin Med 81:587-602, Apr 73
The role of platelets in glomerulonephritis and transplantation. Wardle EN.
J R Coll Physicians Lond 7:5-18, Oct 72 (105 ref.)
Influence of dietary fat on platelet function in men. Hornstra G, et al. **Lancet** 1:1155-7, 26 May 73
Influence of dietary fat on platelet function in men. Hornstra G, et al. **Lancet** 813:1155-7, 23 May 73
The bleeding-time. O'Brien JR. **Lancet** 2:653, 23 Sep 72
Bleeding disorders due to abnormal platelet function. Weiss HJ.
Med Clin North Am 37:517-30, Mar 73 (58 ref.)
The role of platelets in blood coagulation. Possible significance for hemostasis. Walsh PN.
Medicina (B Aires) 33:163-80, Mar-Apr 73 (Eng. Abstr.) (Rus)
Behavior of model particles and blood cells at spherical obstructions in tube flow. Yu SK, et al.
Microvasc Res 6:5-31, Jul 73
Platelet function in recipients of platelets from donors ingesting aspirin. Stuart MJ, et al.
N Engl J Med 287:1105-9, 30 Nov 72
Platelet requirement in the interaction of the complement and clotting systems. Siraganian RP.
Nature [New Biol] 239:208-10, 18 Oct 72
Membrane receptors and platelet function: interaction of polylysine with adenosine triphosphatase (ATPase) in human platelet and platelet populations. Vainer H, et al.
Nouv Rev Fr Hematol 12:707-8, Sep-Oct 72
The role of platelets in the clearance of colloidal carbon from blood in rabbits: a light and electron microscope study. Donal KJ. **Pathology** 4:295-301, Oct 72
Platelet disorders. Gilchrist GS.
Pediatr Clin North Am 19:1047-60, Nov 72
Blood coagulation and platelet function in red-haired men. Reid C, et al. **Practitioner** 210:811-2, Jun 73
Animal models useful in the study of thrombosis and antithrombotic agents. Didisheim P.
Prog Hemostasis Thromb 1:165-97, 1972 (235 ref.)
The tissue factor pathway of blood coagulation. Nemerson Y, et al.
Prog Hemostasis Thromb 1:1-37, 1972 (171 ref.)
Some recent advances in coagulation--1972. King JB.
S Afr Med J 46:2085-9, 30 Dec 72 (42 ref.)
Ultrastructural studies of platelet 'activation' and aggregation in normal spleen from different species. Elgjo RF, et al. **Scand J Haematol** 9:587-602, 1972
Behaviour of factor V and factor VIII during the process of blood coagulation. Janssen CL, et al.
Scand J Haematol 9:531-8, 1972
Haemostatic functions of platelets and their disorders. Hardisty RM. **Sci Basis Med** 222-37, 1972 (55 ref.)
Effect of plasma and platelet concentrate infusions on factor VIII, platelet adhesiveness, and bleeding time in bleeder swine. Corneli CN, et al.
Thromb Diath Haemorrh 28:431-9, 31 Dec 72
Changes associated with platelet aging. Ginsburg AD, et al. **Thromb Diath Haemorrh** 27:407-15, 31 Jul 72
Evidence for two separate effects of adenosine diphosphate on human platelets. Hampton JR, et al.
Thromb Diath Haemorrh 28:419-30, 31 Dec 72
Clinically mild thrombasthenia with normal platelet coagulant activities. Walsh PN, et al.
Thromb Diath Haemorrh 28:440-6, 31 Dec 72
Proteolytic inhibitors, contact and other variables in the release reaction of human platelets. Zucker MB.
Thromb Diath Haemorrh 28:393-407, 31 Dec 72
In vitro analysis of platelet function during storage of platelets from plasmapheresed donors. Moore GL, et al. **Transfusion** 13:130-4, May-Jun 73
[Comparison of coagulation tests in man and 4 animal species (rabbit, dog, cow and pig)] Kaše F.
Vet Med (Praha) 17:495-500, Aug 72 (Eng. Abstr.) (Cze)
[Electrokinetic properties of formed elements of human blood. (Erythrocytes, blood platelets, lymphocytes)] Larcan A, et al.
Biorheology 10:189-205, Jun 73 (103 ref.) (Fre)
[Effect of ADP on the filtration preasure of a platelet rich plasma. Correlation with platelet aggregation] Larcan A, et al.
C R Soc Biol (Paris) 166:1065-6, 1972 (Fre)
[Action of 2 polybases on platelet electric charge and aggregation] Larcan A, et al.
Experientia 28:1096-7, 15 Sep 72 (Fre)
[Experimental definition of a new role for IgE. Immunological triggering of immune complex deposition] Benveniste J.
Nouv Presse Med 2:703-6, 17 Mar 73 (Eng. Abstr.) (Fre)

[Fibrinolytic activity of platelets] Dechavanne M, et al. **Nouv Presse Med** 2:653, 10 Mar 73 **(Fre)**
[Mechanism of action of inhibitors of platelet adhesiveness to collagen] Hugues J. **Nouv Rev Fr Hematol** 12:706-7, Sep-Oct 72 **(Fre)**
[Blood platelet function test during and following gynecologic surgery] Kreuziger KP, et al. **Dtsch Gesundheitsw** 27:1281-3, 6 Jul 72 (Eng. Abstr.) **(Ger)**
[Efficiency and limits of platelet function tests in the diagnosis of hemorrhagic diathesis] Linker H, et al. **Internist (Berlin)** 14:143-8, Apr 73 **(Ger)**
[Study of thrombocytic function in childhood] Göbel U, et al. **Klin Paediatr** 184:371-7, Sep 72 (Eng. Abstr.) **(Ger)**
[Current methods in the diagnosis of platelet function disorders] Zöller H, et al. **Munch Med Wochenschr** 114:1922-6, 3 Nov 72 (Eng. Abstr.) **(Ger)**
[Influencing of blood platelet function by chemical substances] Reuter H. **Verh Dtsch Ges Inn Med** 77:403-6, 1971 **(Ger)**
[Influence of pregnancy on the activation factors of blood coagulation and on thrombocytes] Tismer R, et al. **Z Geburtshilfe Perinatol** 176:183-92, Jun 72 (Eng. Abstr.) **(Ger)**
[Function and metabolism of the platelets] Odake K. **Jap J Clin Med** 31:775-82, Apr 73 (48 ref.) **(Jap)**
[Metabolism of blood platelets: biochemical aspects of its release reaction] Kuramoto A. **Jap J Clin Pathol** 21:11-23, Jan 73 (73 ref.) **(Jap)**
[Thrombogenesis. Role of the thrombocytes, coagulation and fibrinolysis in thrombosis] Stoichiță-Papilian M. **Stud Cercet Med Interna** 13:219-35, 1972 **(Rum)**
[Role of the heart and vessels in regulating blood coagulation and fibrinolysis] Kuznik BI, et al. **Kardiologiia** 13:145-54, Apr 73 (112 ref.) **(Rus)**
[Evaluation of the basic methods of studying primary hemostasis and the dynamic function of blood platelets (review of the literature)] Shitikova AS. **Lab Delo** 11:648-56, 1972 (100 ref.) **(Rus)**
[Dynamic function of the thrombocytes (a survey of the literature)] Odesskaia TA. **Probl Gematol Pereliv Krovi** 17:47-53, Jul 72 (117 ref.) **(Rus)**

PHYSIOPATHOLOGY

Enhanced platelet function in glomerular renal disease. Bang NU, et al. **J Lab Clin Med** 81:651-60, May 73
Thrombokinetic studies in alcohol-related thrombocytopenia. Cowan DH. **J Lab Clin Med** 81:64-76, Jan 73
The role of platelets in glomerulonephritis and transplantation. Wardle EN. **J R Coll Physicians Lond** 7:5-18, Oct 72 (105 ref.)
Granulocyte and platelet functions in paroxysmal nocturnal hemoglobinuria. Gardner FH, et al. **Ser Haematol** 5:78-87, 1972 (37 ref.)
[Abdominal colic in hyperlipemia as a result of intravasal coagulation] Reimers HJ, et al. **Med Welt** 24:297-8, 23 Feb 73 **(Ger)**
[Evaluation of the basic methods of studying primary hemostasis and the dynamic function of blood platelets (review of the literature)] Shitikova AS. **Lab Delo** 11:648-56, 1972 (100 ref.) **(Rus)**

RADIATION EFFECTS

Effects of radiation on hematopoietic tissue. Trobaugh FE Jr, et al. **Am J Med Technol** 39:119-31, Apr 73
Changes in circulating blood of irradiated mice following bone marrow transplantation. Viktora L, et al. **Folia Biol (Praha)** 19:148-52, 1973
Hematological changes during continuous gamma irradiation. Prasilička M, et al. **Radiobiol Radiother (Berl)** 14:213-7, 1973
Effect of tracer doses of radiopharmaceutic substances labelled with gold (198 Au), indium (113m In) and Mercury (203 Hg) on blood clotting. Răiciulescu N, et al. **Rev Roum Med Intern** 9:475-90, 1972
The estimation of blood platelet survival. IV. Characteristics of the residual errors from regression. Murphy EA, et al. **Thromb Diath Haemorrh** 28:447-56, 31 Dec 72
[Influence of plasma components of the hemostatic system on the functional properties of blood platelets, vascular resistance and the bleeding tendency in radiation sickness] Zukova NA, et al. **Radiobiol Radiother (Berl)** 13:667-74, 1972 (Eng. Abstr.) **(Ger)**

SECRETION

Platelet factor 3 in Glanzmann's thrombasthenia. Saraya AK, et al. **Acta Haematol (Basel)** 48:116-24, 1972
Heparin, platelets, and venous thrombosis. O'Brien JR. **Am Heart J** 85:435-8, Apr 73 (16 ref.)
The diagnosis of von Willebrand's disease. Bowie EJ, et al. **Ann Clin Lab Sci** 1:85-91, Jul-Aug 71 (39 ref.)
Abnormalities in platelet function due to defects in the release reaction. Weiss HJ. **Ann NY Acad Sci** 201:161-73, 27 Oct 72
The effect of aspirin on the response to endotoxin. Hall RC, et al. **Aust J Exp Biol Med Sci** 50:589-601, Oct 72
Kinetics of the thrombin-induced release of calcium (II) by platelets. Detwiler TC, et al. **Biochemistry** 12:282-9, 16 Jan 73
Kinetics of the thrombin-induced release of adenosine triphosphate by platelets. Comparison with release of calcium. Detwiler TC, et al. **Biochemistry** 12:2462-8, 19 Jun 73
Quantitative studies on the release of platelet fibrinogen by thrombin. Keenan JP, et al. **Br J Haematol** 23:461-6, Oct 72
Location of airway constriction following acute experimental pulmonary thromboembolism. Hirose T, et al. **J Appl Physiol** 34:431-7, Apr 73
Identification of inorganic pyrophosphate in human platelets and its release on stimulation with thrombin. Silcox DC, et al. **J Clin Invest** 52:1595-600, Jul 73
Identification of inorganic pyrophosphate in human platelets and its release on stimulation with thrombin. Silcox DC, et al. **J Clin Invest** 22:1595-600, Jul 73
Leukocyte-dependent histamine release from rabbit platelets. The role of IgE, basophils, and a platelet-activating factor. Benveniste J, et al. **J Exp Med** 136:1356-77, 1 Dec 72
Effect of Newcastle disease virus on human or rabbit platelets. Aggregation and loss of constituents. Turpie AG, et al. **Lab Invest** 28:575-83, May 73
[Functional and clinical studies of the lung in shock] Zimmermann WE, et al. **Langenbecks Arch Chir** 329:671-82, Dec 71 (Eng. Abstr.) **(Ger)**
[Congenital thrombopathies] Outeiriño Hernanz J, et al. **Rev Clin Esp** 128:93-100, 31 Jan 73 (35 ref.) **(Spa)**

TRANSPLANTATION

Disorders of bone marrow production. Bloom GE. **Pediatr Clin North Am** 19:983-1008, Nov 72 (186 ref.)
[Influence of plasma components of the hemostatic system on the functional properties of blood platelets, vascular resistance and the bleeding tendency in radiation sickness] Zukova NA, et al. **Radiobiol Radiother (Berl)** 13:667-74, 1972 (Eng. Abstr.) **(Ger)**

BLOOD PRESERVATION

The effect of persantin on the phosphate compounds in erythrocytes during blood conservation. Zachara B. **Acta Haematol (Basel)** 48:164-75, 1972
Determination of acid phosphatase in human platelets. Turowski G, et al. **Acta Med Pol** 13:325-8, 1972
Studies on the ability of stored blood to transport oxygen in vivo. Balcerzak S, et al. **Adv Exp Med Biol** 28:433-47, 1972
Effects of adenine on stored human red cells. Bartlett GR. **Adv Exp Med Biol** 28:479-94, 1972
Hemoglobin function during blood storage. XV. Effects of metabolic additives inosine and methylene blue on p50 and 2,3-DPG. Dawson RB, et al. **Adv Exp Med Biol** 28:495-509, 1972
The effect of massive transfusion of stored blood on oxygen transport--a preliminary report. Kevy SV, et al. **Adv Exp Med Biol** 28:511-6, 1972
Rejuvenation and freezing of outdated human red cells. Valeri CR, et al. **Adv Exp Med Biol** 28:457-77, 1972
The regulation of hemoglobin oxygenation. Harkness DR. **Adv Intern Med** 17:189-214, 1971 (108 ref.)
Sensitivity of the activated partial thromboplastin time to heparin: effect of anticoagulant used for sample collection. Soloway HB, et al. **Am J Clin Pathol** 59:760-2, May 73

Blood bank quality control. I. Whole blood parameters. Tenczar FJ. **Am J Clin Pathol** 58:535-44, Nov 72

Pulmonary effects of autotransfused blood. A comparison of fresh autologous and stored blood with blood retrieved from the pleural cavity in an in situ lung perfusion model. Bennett SH, et al. **Am J Surg** 125:696-702, Jun 73

Cryogenic preservation of Anaplasma marginale with Dimethyl sulfoxide. Love JN. **Am J Vet Res** 33:2557-60, Dec 72

Certain effects of sampling and storage on canine blood of different oxygen tensions. Pickrell JA, et al. **Am J Vet Res** 34:241-4, Feb 73

The effect of warming on the serum potassium content of stored blood. Eurenius S, et al. **Anesthesiology** 38:482-4, May 73

Treatment of hereditary angioedema with frozen plasma. Cohen G, et al. **Ann Allergy** 30:690-2, Dec 72

The stability of human serum lipoproteins, in vitro. Bermes EW Jr, et al. **Ann Clin Lab Sci** 2:226-32, May-Jun 72

The role of organic phosphates in erythrocytes on the oxygen dissociation of hemoglobin. Oski FA. **Ann Clin Lab Sci** 1:162-76, Sep-Oct 71 (30 ref.)

A comparison of methods for determining 2,3-diphosphoglyceric acid in blood. Peyton GA, et al. **Ann Clin Lab Sci** 2:383-8, Sep-Oct 72

Decreased incidence of transfusion hepatitis after exclusive transfusion with reconstituted frozen erythrocytes. Studies in a dialysis unit. Carr JB, et al. **Ann Intern Med** 78:693-5, May 73

Blood-component therapy. Garrell M, et al. **Ann Intern Med** 77:484-5, Sep 72

Transfusion therapy in congenital deficiencies of plasma factor XIII. Ikkala E. **Ann NY Acad Sci** 202:200-3, 8 Dec 72

Pulmonary microembolism after blood transfusion: an electron microscopic study. Connell RS, et al. **Ann Surg** 177:40-50, Jan 73

Biochemical and hematological changes associated with massive transfusion of ACD-stored blood in severely injured combat casualties. Kopriva CJ, et al. **Ann Surg** 176:585-9, Nov 72

Fresh autologous blood transfusions with extracorporeal circulation. Ochsner JL, et al. **Ann Surg** 177:811-7, Jun 73

Microsystem for collecting and shipping diagnostic sera. Whittemore AD, et al. **Appl Microbiol** 24:671-2, Oct 72

Controlled trial of fresh frozen plasma in asphyxiated low birthweight infants. Hambleton G, et al. **Arch Dis Child** 48:31-5, Jan 73

Ultrapore hemofiltration. The effects on the coagulation and fibrinolytic mechanisms in fresh and stored blood. Gervin AS, et al. **Arch Surg** 106:333-6, Mar 73

Prevention of post-traumatic pulmonary insufficency. Fine screen filtration of blood. Reul GJ Jr, et al. **Arch Surg** 106:386-94, Apr 73

Platelet aggregation in rabbits. Effect of a mucopolysaccharide complex i.v. administered. Mantovani M. **Arzneim Forsch** 23:239-42, Feb 73

A comparison of microfilariae isolated from canine blood by the modified Knott test and a filter method. Watson AD, et al. **Aust Vet J** 49:28-30, Jan 73

Ubiquinone and related compounds. XXI. Determination of ubiquinone-10 in human blood. Morimoto H, et al. **Biochem Med** 7:169-77, Feb 73

High resolution analysis of hemoglobins: polyacrylamide isoelectric focusing. Rowley PT, et al. **Biochem Med** 6:553-60, Dec 72

Estimation of the probability of post transfusion hepatitis in hemophilia treatment. Davis CE, et al. **Biometrics** 29:386-92, Jun 73

Citrate and the Donnan equilibrium in human blood. P507.4 or P5072. Poyart CF, et al. **Biomedicine [Express]** 19:52-5, 10 Feb 73

Dihydroxyacetone metabolism by human erythrocytes: demonstration of triokinase activity and its characterization. Beutler E, et al. **Blood** 41:559-68, Apr 73

Improved viability of previously frozen platelets. Handin RI, et al. **Blood** 40:509-13, Oct 72

The effect of cold on platelets. II. Platelet function after short-term storage at cold temperatures. Kattlove HE, et al. **Blood** 40:688-96, Nov 72

The effect of periodic mixing on the preservation of 2,3-diphosphoglycerate (2,3-DPG) levels in stored blood. Wood LA, et al. **Blood** 42:17-25, Jul 73

Frozen human plasma and bacterial contamination. Ježková Z. **Biut** 25:249-54, Oct 72

Reduced oxygen content in equilibrated fresh heparinized and ACD-stored blood from cigarette smokers. Millar RA, et al. **Br J Anaesth** 44:1015-9, Oct 72

Hepatitis in transfusion services. Maycock W d'A. **Br Med Bull** 28:163-8, May 72 (44 ref.)

Determination of cholesterol in stored blood. Nath RL, et al. **Bull Calcutta Sch Trop Med** 19:45, Apr 71

Blood for autologous transfusion. Langston HT, et al. **Bull Soc Int Chir** 31:514-9, Nov-Dec 72

Current transfusion therapy. Hinkes E, et al. **Calif Med** 118:38-55, May 73 (173 ref.)

Oxygen transport and 2,3-diphosphoglycerate (DPG). Klocke RA. **Chest** 62:Suppl:79S-85S, Nov 72

New concepts in the administration of bank blood. Goldiner PL. **Clin Anesth** 9:54-67, 1972

A re-evaluation of massive blood replacement. Lomanto C, et al. **Clin Anesth** 9:33-42, 1972

The oxygen dissociation curve and multiple transfusions of ACD blood. Miller RD. **Clin Anesth** 9:43-52, 1972

Use of high-pressure liquid chromatography for monitoring nucleotide concentration in human blood: a preliminary study with stored blood cell suspensions. Brown PR, et al. **Clin Chem** 19:919-22, Aug 73

Effect of aging of serum on quantitation of complement component C3. Davis NC, et al. **Clin Chem** 18:1485-7, Dec 72

Free calcium in serum. I. Determination with the ion-specific electrode, and factors affecting the results. Ladenson JH, et al. **Clin Chem** 19:565-74, Jun 73

Possible mechanisms for the increase in alkaline phosphatase activity of lyophilized control material. Smith AF, et al. **Clin Chem** 18:1518-23, Dec 72

Measurement of serum ionized calcium with the ion-exchange electrode. Subryan VL, et al. **Clin Chem** 18:1459-62, Dec 72

63 Ni complexes in rabbit serum and urine after injection of 63 NiCl 2 . Van Soestbergen M, et al. **Clin Chem** 18:1478-84, Dec 72

Studies of the stability of 18 chemical constituents of human serum. Wilson SS, et al. **Clin Chem** 18:1498-503, Dec 72

Measurement of concentrations of angiotensin I in human blood by radioimmunoassay. Waite MA. **Clin Sci** 45:51-64, Jul 73

Stability to freezing of steroid binding proteins in fish plasma. Idler DR, et al. **Comp Biochem Physiol [B]** 44:179-83, 15 Jan 73

Ineffectiveness of dimethyl sulfone as a cryoprotectire agent. Connor KW, et al. **Cryobiology** 10:87-8, Apr 73

Changes in hemolysis of mammalian erythrocytes by rapid freezing and thawing and by mechanical stress during their permeation with glycerol. Dalgliesh RJ. **Cryobiology** 9:277-82, Aug 72

Evaluation of ethylene glycol as a cryoprotective agent for blood platelets. Kahn RA, et al. **Cryobiology** 10:148-51, Jun 73

Changes in red cells following rapid freezing with extracellular cryoprotective agents. Meryman HT, et al. **Cryobiology** 9:262-7, Aug 72

Studies with dextran 40 in cryopreservation of blood. Pribor DB, et al. **Cryobiology** 10:93-103, Jun 73

The cryogenic preservation of human whole blood inoculum for short-term leucocyte chromosome microculture. Weed RG, et al. **Cryobiology** 9:273-6, Aug 72

Some combined effects of hypertonic solutions and changes in temperature on posthypertonic hemolysis of human red blood cells. Woolgar AE, et al. **Cryobiology** 10:82-6, Apr 73

Toxicology of di-2-ethylhexyl phthalate and other phthalic acid ester plasticizers. Gesler RM. **Environ Health Perspect** 3:73-9, Jan 73 (26 ref.)

Extraction, localization, and metabolism of di-2-ethylhexyl phthalate from PVC plastic medical devices. Jaeger RJ, et al. **Environ Health Perspect** 3:95-102, Jan 73

Determination of di-2-ethylhexyl phthalate levels in human blood plasma and cryoprecipitates. Marcel YL. **Environ Health Perspect** 3:119-21, Jan 73

Phthalic acid esters--an overview. Tepper LB. **Environ Health Perspect** 3:179-82, Jan 73

Accumulation of di-2-ethylhexyl phthalate (DEHP) in whole blood, platelet concentrates, and platelet-poor plasma. 1. Effect of DEHP on platelet survival and

function. Valeri CR, et al.
Environ Health Perspect 3:103-18, Jan 73
Acceleration of red cell glycolysis by citrate due to intracellular pH enhancement. Tomoda A, et al.
Experientia 29:539-40, 15 May 73
Intracellular pH of red cells stored in acid citrate dextrose medium. Tsuda S, et al.
Experientia 28:1481-2, 15 Dec 72
Aluminium takes the rap.
Food Cosmet Toxicol 11:139-41, Feb 73 (7 ref.)
The action of trypsin on human stored peripheral lymphocytes. Hough DW, et al.
Immunology 24:333-42, Feb 73
Observations on erythrocytic glutathione (GSH) and related enzymes during in vitro storage of blood from haemolytic anaemia patients. Swarup-Mitra S, et al.
Indian J Pathol Bacteriol 15:27-33, Jan 72
Monoamine oxidase (MAO) activity in human serum. Borthakur PC.
Indian J Physiol Pharmacol 16:345-8, Oct-Dec 72
Pathogenesis and immunological aspects of experimental histoplasmosis in cynomolgus monkeys (Macaca fascicularis). Kaplan W, et al.
Infect Immun 5:847-53, Jun 72
14 C-glucose oxidation in whole blood: a clinical assay for phagocyte dysfunction. Keusch GT, et al.
Infect Immun 5:414-5, Mar 72
Development and clinical application of a new method for the radioimmunoassay of arginine vasopressin in human plasma. Robertson GL, et al.
J Clin Invest 52:2340-52, Sep 73
Bacterial contamination of platelet concentrates stored at 20 degrees C. Cunningham M, et al.
J Clin Pathol 26:401-4, Jun 73
An apparatus for the thawing of stored blood in liquid nitrogen. Mitchell R, et al.
J Clin Pathol 26:455-6, Jun 73
Further studies of sodium transport in feline red cells. Sha'afi RI, et al. **J Gen Physiol** 61:709-26, Jun 73
Studies of complement-mediated membrane damage: the influence of erythrocyte storage on susceptibility to cytolysis. Gaither TA, et al.
J Immunol 110:482-9, Feb 73
Component therapy. McCarthy CF.
J Ir Med Assoc 66:40-1, 27 Jan 73
Scientific advances in transfusion. O'Riordan JP.
J Ir Med Assoc 66:27-36, 27 Jan 73 (29 ref.)
Threefold increase in demand for blood concentrates.
J Ir Med Assoc 66:225, 28 Apr 73
Preservation of red cell 2,3-DPG and viability in bicarbonate-containing medium: the effect of blood-bag permeability. Beutler E, et al.
J Lab Clin Med 80:723-8, Nov 72
Further observations on the properties of dog C-reactive protein and the C-reactive protein response in the dog. Riley RF, et al.
J Lab Clin Med 80:698-703, Nov 72
Studies of glycosidases in fresh and stored human platelets. Schmukler M, et al.
J Lab Clin Med 80:635-43, Nov 72
The role of fructose in restoration of organic phosphate compounds in outdated bank blood. Torrance JD.
J Lab Clin Med 82:489-99, Sep 73
Simultaneous contamination of transfusion blood with Enterobacter agglomerans and Pseudomonas fluorescens, supposedly from the pilot tubes. Felsby M, et al. **J Med Microbiol** 6:413-6, Aug 73
Autotransfusion of frozen red blood cells in elective oral surgery. Howarth HC, et al.
J Oral Surg 31:40-3, Jan 73
High potassium and low potassium erythrocytes in cattle. Christinaz P, et al.
J Physiol (Lond) 224:391-406, Jul 72
Pulmonary injury resulting from perfusion with stored bank blood in the baboon and dog. Bennett SH, et al.
J Surg Res 13:295-306, Dec 72
Postoperative blood loss after extracorporeal circulation for heart valve surgery. Garcia JB, et al.
J Thorac Cardiovasc Surg 65:487-96, Mar 73
Transfusion of fresh autologous blood in open-heart surgery. A method for reducing bank blood requirements. Hallowell P, et al.
J Thorac Cardiovasc Surg 64:941-8, Dec 72
Blood labeling. Gershen HJ. **JAMA** 224:250, 9 Apr 73
Open-heart surgery and the demand for blood. Roche JK, et al. **JAMA** 225:1516-21, 17 Sep 73
Use of blood components. Carr EO.
JFMA 60:39-40, May 73
Microbial culture media preparation. Neal JD.
Lab Pract 22:477-9 passim, Jul 73
Storage of blood for Australia-antigen tests. Dugdale JB. **Lancet** 1:211, 27 Jan 73
What's in a blood bag? McCreaner HR.
Lancet 2:560-1, 8 Sep 73
Principles of hematologic supportive care. Graw RG Jr, et al. **Med Clin North Am** 57:441-61, Mar 73 (128 ref.)
Interpreting serum creatine kinase results. Garcia-Webb P, et al. **Med J Aust** 2:142, 21 Jul 73
Viaflex containers.
Med Lett Drugs Ther 14:69-70, 15 Sep 72
Uses of blood and of blood components.
Med Lett Drugs Ther 14:89-92, 24 Nov 72
Cargo coding developments in military blood bank logistics. McPeak DW, et al.
Milit Med 136:855-8, Nov 71
Evaluation of undefined material present in stored blood infusion. Shields CE. **Milit Med** 136:351-3, Apr 71
Progress in the federal medical services.
Milit Med 136:657-82, Aug 71
Rejuvenation and freezing of outdated stored human red cells. Valeri CR, et al.
N Engl J Med 287:1307-13, 28 Dec 72
Storage method for leukemia blast cells. Halterman RH, et al. **Natl Cancer Inst Monogr** 37:149-51, Jun 73
Erythrocyte shape alteration "in vitro": relationship to plasma and cellular factors. Abstract. Lichtman MA, et al. **Nouv Rev Fr Hematol** 12:755-6, Nov-Dec 72
Divalent cation content of normal and ATP-depleted erythrocytes and erythrocyte membranes. Lichtman MA, et al. **Nouv Rev Fr Hematol** 12:799-813, Nov-Dec 72
Red cell oxygen delivery. Effect of 2,3-diphosphoglycerate. Rouault C.
Postgrad Med 53:201-3, Mar 73
Ac-globulin (Factor V): preparation of a practical product. Dombrose FA, et al.
Prep Biochem 2:381-96, 1972
Effects of low temperature preservation and route of inoculation on infectivity of Babesia bigemina in blood diluted with glycerol. Dalgliesh RJ.
Res Vet Sci 13:540-5, Nov 72
A technic for the separation of rat platelet populations on a discontinuous sucrose gradient (application for platelet preservation). Francou C, et al.
Rev Eur Etud Clin Biol 17:426-7, Apr 72
The laboratory assessment of the efficacy of antihaemophilic therapy. Lurie A.
S Afr Med J 46:1180-5, 19 Aug 72
Oral glucose tolerance tests. Yudaken IR, et al.
S Afr Med J 47:865-7, 26 May 73
Phthalic acid esters: biological impact uncertain. Marx JL. **Science** 178:46-7, 6 Oct 72
Reduction of blood loss by restoration of platelet levels using fresh autologous blood after cardiopulmonary bypass. Wagstaffe JG, et al. **Thorax** 27:410-4, Jul 72
A combined dye exclusion (trypan blue) and fluorochromatic technique for the microdroplet lymphocytotoxicity test. Fong R, et al.
Tissue Antigens 2:57-63, 1972
A serological, clinical and morphological study of eight kidney grafts in three patients. Joysey VC, et al.
Tissue Antigens 2:5-19, 1972
A simple method of freezing and storing live lymphocytes. Wood N, et al.
Tissue Antigens 2:27-31, 1972
Cryostorage in polythene tubing. Taylor BJ.
Trans R Soc Trop Med Hyg 66:544, 1972
Albumin and hydroxy-ethyl starch in the cryopreservation of red cells--an in vitro study. Baar S. **Transfusion** 13:73-83, Mar 73
Studies of platelet concentrates stored at 22 C nad 4 C. Becker GA, et al. **Transfusion** 13:61-8, Mar 73
Nonspecific warm hemolysins of papain-treated cells: serologic characterization and transfusion risk. Bell CA, et al. **Transfusion** 13:207-13, Jul-Aug 73
Preservation of red blood cell 2,3-diphosphoglycerate in stored blood containing dihydrozyacetone. Brake JM, et al. **Transfusion** 13:84-8, Mar 73
The rhesus monkey as a model for evaluation of the preservation of stored whole blood. Button LN, et al.
Transfusion 13:119-23, May-Jun 73
A method for preservation of papainized and Rh-sensitized red cells. Dale I.
Transfusion 13:135-7, May-Jun 73
A red blood cell freezing program for Massachusetts. Demerjian A, et al. **Transfusion** 12:333-8, Sep-Oct 72
Studies of the metabolic integrity of human red blood cells after cryopreservation. II. Effects of low-glycerol-rapid-freeze preservation on glycolysis. Derrick JB, et al. **Transfusion** 12:400-4, Nov-Dec 72
Uptake and retention of adenine moiety by stored

human red blood cells. DeVenuto F, et al. **Transfusion** 13:200-6, Jul-Aug 73

Histopathological studies on kidneys from patients treated with large amounts of blood preserved with ACD-adenine. Falk JS, et al. **Transfusion** 12:376-81, Nov-Dec 72

The bacteriological screening of platelet concentrates stored at 22 C. Goddard D, et al. **Transfusion** 13:103-6, Mar 73

Selected types of frozen blood for patients with multiple blood group antibodies. Grove-Rasmussen M, et al. **Transfusion** 13:124-9, May-Jun 73

A method for removing leukocytes from stored blood. Halterman RH, et al. **Transfusion** 13:50-2, Jan-Feb 73

Di-2-ethylhexyl phthalate, a plasticizer contaminant of platelet concentrates. Jaeger RJ, et al. **Transfusion** 13:107-11, Mar 73

In vitro analysis of platelet function during storage of platelets from plasmapheresed donors. Moore GL, et al. **Transfusion** 13:130-4, May-Jun 73

Platelet enzyme activity during storage. Lactic dehydrogenase, aldolase and electron microscopy correlation. Novak RF, et al. **Transfusion** 12:405-12, Nov-Dec 72

Albumin preparations and placental alkaline phosphatase activity. Okuno T, et al. **Transfusion** 13:19-22, Jan-Feb 73

Elution of chromium label from preserved red blood cells transfused during surgery. Szymanski IO, et al. **Transfusion** 13:13-8, Jan-Feb 73

Serum creatinine and creatinine clearance after transfusion with ACD-adenine blood and ACD blood. Westman BJ. **Transfusion** 12:371-5, Nov-Dec 72

Storage of human platelets in liquid nitrogen isotopic studies. Wybran J, et al. **Transfusion** 12:413-7, Nov-Dec 72

Frozen blood in transplant patients: hepatitis and HL-A isosensitization. Huggins CE, et al. **Transplant Proc** 5:809-12, Mar 73

Frozen blood in transplant recipients to avoid hepatitis and-or HL-A sensitization. Huggins CE, et al. **Transplant Proc** 4:575-6, Dec 72

A simplified method for freezing lymphocytes in nitrogen vapors. Hors J, et al. **Transplantation** 15:417-9, Apr 73

Factors to be considered when making canine blood and blood products available for transfusion. Owen RR, et al. **Vet Rec** 91:406-11, 21 Oct 72

Removal of leukocytes from whole blood and erythrocyte suspensions by filtration through cotton wool. 3. Influence of filtration on the in vivo viability of stored erythrocytes. Diepenhorst P, et al. **Vox Sang** 23:331-5, 1972

Removal of leukocytes from whole blood and erythrocyte suspensions by filtration through cotton wool. II. Influence of filtration on biochemical parameters of erythrocytes during storage. Diepenhorst P, et al. **Vox Sang** 23:321-30, 1972

Stability of immunoglobulin G during storage of human serum. Effects of prior heating. Finlayson JS, et al. **Vox Sang** 23:222-7, 1972

Studies on the agglutinin accompanying the warm haemolysin active against trypsinized red cells. Heisto H. **Vox Sang** 24:12-20, Jan 73

Separation of platelet rich plasma and red cells with modified gelatin. Kummer H, et al. **Vox Sang** 24:76-88, Jan 73

The stability of the I, HI, and H blood group antigens during storage at 4 degrees C. Lambert RM, et al. **Vox Sang** 24:362-5, Apr 73

The preservation of leukocytes in stored blood. Lange JA de, et al. **Vox Sang** 24:261-3, Mar 73

Autoimmune haemolytic anaemia due to red cell antibodies of different specificities in a patient with chronic hepatitis. Lightwood AM, et al. **Vox Sang** 24:331-6, Apr 73

Standardization and modification of the haemagglutination (inhibition) techniques for the determination of HBAg and anti-HBAg antibodies. Reesink HW, et al. **Vox Sang** 24:528-34, 1973

Further studies on the rapid and slow components of chromium elution in vivo from preserved erythrocytes. Valeri CR, et al. **Vox Sang** 24:502-14, 1973

Contributions to the optimal use of human blood. I. Analysis and optimalization of the production of plasma protein fraction (PPF). Vogelaar EF, et al. **Vox Sang** 23:481-92, Dec 72

Contribution to the optimal use of human blood. I. Analysis and optimalization of the production of plasma protein fraction (PPF). Vogelaar EF, et al. **Vox Sang** 22:481-92, Dec 72

Stability of coagulation factors I and X during collection and subsequent storage of bank blood in ACD-A and CPD solutions. Weisert O, et al. **Vox Sang** 24:377-9, Apr 73

Inherited blood clotting disorders. Report of a WHO scientific group. **WHO Tech Rep Ser** 504:1-48, 1972

[Frozen human plasma and bacterial contamination] Ježková Z. **Cas Lek Cesk** 111:1029-32, 27 Oct 72 (Eng. Abstr.) **(Cze)**

[Significance of the changes of the oxygen affinity of blood on preservation of homeostasis in internal environment] Nečas E. **Cesk Fysiol** 21:401-30, 1972 **(Cze)**

[Use of dihydroxyacetone as a new substrate in blood preservation media] Laborit H, et al. **Agressologie** 13:243-6, 1972 (Eng. Abstr.) **(Fre)**

[Changes in the osmotic fragility of red blood corpuscles in the course of preservation of blood in acid citrate cextrose. Rheological implications] Larcan A, et al. **Biorheology** 9:83-5, Jun 72 **(Fre)**

[Decrease in transfusion reactions by the use of magnesium thiosulfate] Ringenbach MG. **Bord Med** 5:2743-6, Dec 72 (Eng. Abstr.) **(Fre)**

[Transfusion accidents due to infected blood] Alibert M, et al. **Bull Mem Soc Chir Paris** 62:250-62, 1972 **(Fre)**

[Affinity of hemoglobin for oxygen in human blood preserved at 37 degrees C] Sinet M, et al. **J Physiol (Paris)** 65:Suppl:305A-306, Oct 72 **(Fre)**

[Blood and the derivatives in the treatment of hemorrhagic syndromes] Chataing B. **Lyon Med** 19:Suppl:143-50, Apr 72 **(Fre)**

[Platelet preservation at room temperature] Kaptué L. **Nouv Presse Med** 1:2047-8, 9 Sep 72 **(Fre)**

[Blood regenerator for transfusion] **Nouv Presse Med** 1:3100, 23 Dec 72 **(Fre)**

[Microspherulation and myelinic forms of erythrocytes. Comparative examination with the scanning and transmission electron microscope] Bessis M, et al. **Nouv Rev Fr Hematol** 12:443-54, Jul-Aug 72 (Eng. Abstr.) **(Fre)**

[Aggregation effectors and platelet populations] Rendu F, et al. **Pathol Biol (Paris)** Suppl:28-32, Dec 72 (Eng. Abstr.) **(Fre)**

[Indications of blood cell and platelet concentrates] Chataing B, et al. **Rev Prat** 22:1453-4 passim, 21 Mar 72 **(Fre)**

[Erythrocytes preserved by freezing at low temperature] Combrisson A. **Rev Prat** 22:1479-80 passim, 21 Mar 72 **(Fre)**

[Progress in blood transfusion] Soulier JP. **Rev Prat** 22:1435-6 passim, 21 Mar 72 **(Fre)**

[Complications caused by contaminated blood. Apropos of 2 cases with severe toxinic shock] Leroy J, et al. **Sem Hop Paris** 48:2193-7, 26 Jun 72 **(Fre)**

[Leukocyte transfusions] Boiron M, et al. **Therapeutique** 48:407-10, May-Jun 72 **(Fre)**

[Measurement of ionized calcium in the blood with a selective electrode. Effect of prolonged freezing] Simard S, et al. **Union Med Can** 102:531-5, Mar 73 (Eng. Abstr.) **(Fre)**

[Studies on the clinical significance of glycyl-L-leucine dipeptidase in blood platelets] Ardelt W. **Aerztl Forsch** 26:261-6, 10 Aug 72 (Eng. Abstr.) **(Ger)**

[Deep-freeze preservation of blood] Seidl S. **Blut** 25:145-9, Sep 72 (34 ref.) **(Ger)**

[Studies on deep-freeze preservation of blood. 3. Suitability of the "droplet-freezing-technic" for the preservation of test erythrocytes] Seidl S, et al. **Blut** 25:364-9, Dec 72 (Eng. Abstr.) **(Ger)**

[Effect of preservation time on the electric conductivity of erythrocyte plasma] Krupa J, et al. **Folia Haematol (Leipz)** 99:273-8, 1973 (Eng. Abstr.) **(Ger)**

[Immunologic studies on lyophilized human plasma] Lahmann N. **Folia Haematol (Leipz)** 99:259-72, 1973 (Eng. Abstr.) **(Ger)**

[Metabolic changes in stored preserved blood. Alterations in ACD-preserved blood with special reference to the ATP, lactic acid and pyruvic acid contents] Haug H, et al. **Fortschr Med** 90:862-3, 31 Aug 72 **(Ger)**

[Blood exchange transfusions in newborn infants using heparin blood] Löhr H, et al. **Fortschr Med** 90:449-51, 20 Apr 72 **(Ger)**

[Studies on cellular auto-metabolism of preserved

blood] Heller W, et al.
Hoppe Seylers Z Physiol Chem 353:1524, Oct 72 (Ger)
[Clinical significance of the 2.3-diphosphoglycerate (DPG) concentration in erythrocytes] Baltzer G, et al.
Internist (Berlin) 14:177-8, Apr 73 (15 ref.) (Ger)
[Change of serum values following postal shipment?] Eberhagen D. **Med Klin 68:1019-20, 27 Jul 73 (Ger)**
[Exchange transfusion in hepatic coma with dialyzed ACD-blood] Klütsch K, et al.
Med Klin 66:380-3, 12 Mar 71 (Eng. Abstr.) (Ger)
[Frozen erythrocytes for blood transfusion. Beginning large-scale use by the American Red Cross]
Med Lab (Stuttg) 25:272-3, Nov 72 (Ger)
[Plastic and glass materials in conservation of blood] Bergmann H.
Munch Med Wochenschr 114:2209-13, 22 Dec 72 (Eng. Abstr.) (Ger)
[Blood transfusion at the sickbed] Kluge A, et al.
Schwest Rev 11:23-5, 15 Jul 73 (Ger)
[Volume therapy in shock] Gruber UF, et al.
Verh Dtsch Ges Inn Med 77:1243-9, 1971 (37 ref.) (Ger)
[Studies on the storage of erythrocytes in various blood stabilizers at 25 degrees C] Matthes G, et al.
Z Gesamte Inn Med 27:594-601, 15 Jul 72 (Eng. Abstr.) (Ger)
[Transfusion of warm blood] Linde I, et al.
Zentralbl Chir 98:710-6, 11 May 73 (Ger)
[Preservability of rat serum in delayed determinations of some hematochemical parameters] Bramanti G, et al.
Boll Chim Farm 111:694-9, Nov 72 (Eng. Abstr.) (Ita)
[Glucose-6-phosphate dehydrogenase activity evaluated in blood preserved at +4 degrees C in A.C.D. (Acetate, Citrate, Dextrose), in healthy subjects and in patients with Cooley's disease] Norelli MT, et al.
Minerva Pediatr 23:1829-36, 3 Nov 71 (Eng. Abstr.) (Ita)
[Oxygen transport capacity and the action of cellular organic phosphates of the erythrocyte] Okuda T, et al.
Jap J Anesthesiol 22:196-207, Mar 73 (77 ref.) (Eng. Abstr.) (Jap)
[Significance of vitamin E in anemia] Fujii T.
Jap J Clin Hematol 13:342-54, Jun 72 (100 ref.) (Jap)
[Studies of properties of immunoglobulins of plasma of blood stored under standard conditions or in liquid nitrogen] Fidelski R, et al.
Acta Haematol Pol 3:161-7, Apr-Jun 72 (Eng. Abstr.) (Pol)
[Process of freezing and thawing of leukocyte concentrates] Kotelba-Witkowska B, et al.
Acta Haematol Pol 3:79-88, Jan-Mar 72 (Eng. Abstr.) (Pol)
[Preservation of leukocytic mass at temperature + 4 degrees C] Kotelba-Witkowska B, et al.
Acta Haematol Pol 3:71-8, Jan-Mar 72 (Eng. Abstr.) (Pol)
[Comparative studies of plasma lipids during blood preservation at ultra-low temperatures in relation to the preservation medium] Niedworok J.
Acta Haematol Pol 2:169-73, Apr-Jun 71 (Eng. Abstr.) (Pol)
[Activity of some natural antibodies in stored human sera and plasma of preserved blood] Szydlowski A, et al.
Acta Haematol Pol 2:311-8, Oct-Dec 71 (Eng. Abstr.) (Pol)
[Behavior of white blood cells in stored blood] Traczyk Z, et al.
Acta Hepatogastroenterol (Stuttg) 2:55-61, Jan-Mar 71 (Eng. Abstr.) (Pol)
[Effect of Co 60 gamma radiation on preserved blood] Szotor M, et al.
Pol Przegl Radiol 37:307-15, Mar-Apr 73 (Eng. Abstr.) (Pol)
[Selection of a method of blood transfusion] Kartashevskii NG, et al.
Khirurgiia (Mosk) 48:24-7, Aug 72 (Eng. Abstr.) (Rus)
[Use of homologous blood, preserved in liquid nitrogen (-196 degrees C) in acute gastroduodenal bleeding] Bratus' VD, et al. **Klin Khir 4:1-3, Apr 73 (Rus)**
[Stabilization and use of stabilized erythrocytes in laboratory practice (review of the literature). I. Methods of stabilization] Karal'nik BV.
Lab Delo 12:723-6, 1972 (53 ref.) (Rus)
[New method of preparing the hands of the exfusionist in a mass blood preparation operation] Abelevich IG, et al. **Probl Gematol Pereliv Krovi 17:61-2, Jul 72 (Rus)**
[Method of obtaining decalcined gelatinol for blood preservation] Antonova EV, et al.
Probl Gematol Pereliv Krovi 17:25-6, Jul 72 (Rus)
[Bacteriological control of preserved blood, its components and preparations] Golosova TV, et al.
Probl Gematol Pereliv Krovi 17:44-7, Jul 72 (Rus)
[Evaluation of the quality of stabilization of blood and bone marrow] Kartashevskii NG, et al.
Probl Gematol Pereliv Krovi 17:18-21, Jul 72 (Eng. Abstr.) (Rus)
[Role of cryoprotectors as stabilizers of water in biological media] Medvedev PM, et al.
Usp Sovrem Biol 75:46-60, Jan-Feb 73 (100 ref.) (Rus)
[Comparative evaluation of different methods of transfusion therapy in severe hemorrhage] Kulagin VK, et al. **Voen Med Zh 8:42-5, Aug 72 (Rus)**
[Danger of air infection of blood in storage] Ryzhkov SV, et al. **Voen Med Zh 8:45-7, Aug 72 (Rus)**
[Use in the Wasserman reaction of sheep erythrocytes stored over a long period at a temperature of -196 degrees] Keĭsevich LV, et al.
Vrach Delo 2:122-3, Feb 72 (Rus)
[Preservation of erythrocytes by deep freezing in polyvinylpyrrolidone medium] Lavrik SS, et al.
Vrach Delo 4:126-8, Apr 72 (Eng. Abstr.) (Rus)
[Effect of some ingredients in preserving solutions and the degree of blood dilution on its coagulating properties] Grigorian SS.
Zh Eksp Klin Med 12:101-2, 1972 (Rus)
[Duration of Toxoplasma preservation in preserved blood depending on its concentration (experimental studies)] Golosova TV, et al.
Zh Mikrobiol Epidemiol Immunobiol 50:23-5, Mar 73 (Eng. Abstr.) (Rus)
[Prothrombin activity of plasma. I. Factors that affect its determination] Ratto LA, et al.
Sangre (Barc) 18:93-101, 1973 (Eng. Abstr.) (Spa)
[Separation and blood component therapy] Cedergren B.
Lakartidningen 69:Suppl 4:59-64, 27 Dec 72 (Eng. Abstr.) (Swe)
[The costs of blood and blood substitutes] Gullbring B.
Lakartidningen 69:Suppl 4:92-4, 27 Dec 72 (Eng. Abstr.) (Swe)
[Complications in blood transfusion] Höglund S.
Lakartidningen 69:Suppl 4:65-72, 27 Dec 72 (Eng. Abstr.) (Swe)
[Guidelines of blood transfusion] Lundh B.
Lakartidningen 69:Suppl 4:55-8 p, 27 Dec 72 (Eng. Abstr.) (Swe)
[Blood as a raw material for drugs] Meldahl HF, et al.
Lakartidningen 70:28-9, 3 Jan 73 (Swe)

HISTORY

[Sergei Ivanovich Spasokukotskii. His activities in transfusiology, surgical hematology and in the organization of hematologic services in the USSR] (Spasokukotskiĭ SI), Guliaev AV.
Vestn Khir 108:3-6, Oct 72 (Rus)

INSTRUMENTATION

Toxicology of di-2-ethylhexyl phthalate and other phthalic acid ester plasticizers. Gesler RM.
Environ Health Perspect 3:73-9, Jan 73 (26 ref.)
The development of aluminum containers for the storage of blood in liquid nitrogen for the immunization of Rh volunteers. Pepper DS, et al.
J Clin Pathol 26:550-2, Jul 73
Migration of a phthalate ester plasticizer from polyvinyl chloride blood bags into stored human blood and its localization in human tissues. Jaeger RJ, et al.
N Engl J Med 287:1114-8, 30 Nov 72
The invisible pollution. Rall DP.
N Engl J Med 287:1146-7, 30 Nov 72
Plasticizers in human tissues. Rubin RJ, et al.
N Engl J Med 288:915-6, 26 Apr 73
Plasticizers and intravenous therapy.
Nutr Rev 31:119-20, Apr 73 (4 ref.)
Preservation of viable platelets by freezing. Effect of plastic containers. Kim BK, et al.
Proc Soc Exp Biol Med 142:345-50, Jan 73
Some variations in lymphocyte freezing methods which do not affect cell viability. Stopford CR, et al.
Tissue Antigens 2:20-6, 1972
A red blood cell freezing program for Massachusetts. Demerjian A, et al. **Transfusion 12:333-8, Sep-Oct 72**
A modified container for liquid nitrogen preservation of an erythrocyte test cell panel. Bowman HS, et al.
Vox Sang 24:94-6, Jan 73

Freezing of lymphocytes. Presentation of a new fully automated device and comparison between three methods. Lindblom JB, et al. **Vox Sang** 23:270-8, 1972

Freezing plasma in 5-litre bags for storage and thawing for use. Vallet L. **Vox Sang** 24:550-9, 1973

[TK-1M insulated container] Aleksandrov AG. **Voen Med Zh** 5:90, May 73 **(Rus)**

STANDARDS

Variations in the preservation of bank blood due to processing. Sass MD. **Am J Clin Pathol** 58:544-9, Nov 72

Blood bank quality control. I. Whole blood parameters. Tenczar FJ. **Am J Clin Pathol** 58:535-44, Nov 72

U.S. licensed blood banks. Evaluation of whole blood and its components. Lacerte JM, et al. **Transfusion** 12:339-43, Sep-Oct 72

Preservation of coagulation factors V and VIII during collection and subsequent storage of bank blood in ACD-A and CPD solutions. Weisert O, et al. **Vox Sang** 24:126-33, Feb 73

[Etiology, control and prevention of bacterial contamination of preserved blood] Boskovic S. **Lijec Vjesn** 94:51-2, Jan 72 **(Cro)**

BLOOD VISCOSITY

Effect of dextran solutions on oxygen transport in wound tissue. An experimental study in rabbits. Heughan C, et al. **Acta Chir Scand** 138:639-43, 1972

Hyperviscosity in cold environment caused by a 6.5 S cryoglobulin in a patient with rheumatoid arthritis. Wiltink WF, et al. **Acta Med Scand** 193:133-5, Jan-Feb 73

Are there any significant inertial losses in the vascular bed? Eliassen E, et al. **Acta Physiol Scand** 87:567-9, Apr 73

Serum glycoprotein disturbances and their rheological effects in diabetes mellitus. McMillan DE. **Adv Metab Disord** 2:Suppl 2:155-66, 1973

Acoustic trauma and cochlear microcirculation. An experimental and clinical study on pathogenesis and treatment of inner ear lesions after acute noise exposure. Kellerhals B. **Adv Otorhinolaryngol** 18:91-168, 1972 (201 ref.)

Cerebral vascular accidents in cyanotic congenital heart disease. Cottrill CM, et al. **Am J Dis Child** 125:484-7, Apr 73

Hyperviscosity syndrome in multiple myeloma. A reversible, concentration-dependent aggregation of the myeloma protein. Lindsley H, et al. **Am J Med** 54:682-8, May 73

Hyperviscosity syndrome in dysproteinemias. Buxbaum J. **Am J Med Sci** 264:123-6, Aug 72 (21 ref.)

Hyperviscosity syndrome with IgA myeloma. Dine ME, et al. **Am J Med Sci** 264:111-5, Aug 72

Hyperviscosity syndrome associated with immunoglobulin A myeloma. Freel RJ, et al. **Am J Med Sci** 264:117-22, Aug 72

Ocular findings in hemoglobin SC disease in Jamaica. Condon PI, et al. **Am J Ophthalmol** 74:921-31, Nov 72

The role of ABO blood groups in blood rheology of cardiovascular disorders. Dintenfass L. **Angiology** 24:442-53, Jul-Aug 73

Sickle-cell trait: benign or malignant? Cooper MR, et al. **Ann Intern Med** 77:997-8, Dec 72

Serum viscosity and hyperviscosity syndrome in IgG multiple myeloma. Report on 10 patients and a review of the literature. Pruzanski W, et al. **Ann Intern Med** 77:853-60, Dec 72

Experimental hyperviscosity retinopathy: preliminary report. Mausolf FA, et al. **Ann Ophthalmol** 5:205-9, Feb 73

Physiological hemodilution: interrelationships between hemodynamics and blood volume after acute blood loss. Carey JS. **Ann Surg** 178:87-94, Jul 73

Fresh autologous blood transfusions with extracorporeal circulation. Ochsner JL, et al. **Ann Surg** 177:811-7, Jun 73

Microcirculation. Zweifach BW. **Annu Rev Physiol** 35:117-50, 1973 (207 ref.)

Blood viscosity in the newborn. Mackintosh TF, et al. **Arch Dis Child** 48:547-53, Jul 73

Vibration-induced arterial shear stress: the relationship to Raynaud's phenomenon. Nerem RM. **Arch Environ Health** 26:105-10, Mar 73

Inter-relationships between platelet response to adenosine diphosphate, blood coagulation and serum lipids in patients with peripheral occlusive atherosclerosis. Cotton RC, et al. **Atherosclerosis** 16:337-48, Nov-Dec 72

Pulsatile flow in small blood vessels. I. Casson theory. Aroesty J, et al. **Biorheology** 9:33-43, Mar 72

The effect of temperature on the relative viscosity of human blood. Barbee JH. **Biorheology** 10:1-5, Mar 73

Measurement of the rheological properties of biological fluids. 3. Viscoelastic properties of blood serum. Barnett B, et al. **Biorheology** 9:265-71, Dec 72

Biorheology, information theory and cybernetics. Bugliarello G. **Biorheology** 10:117-27, Jun 73

The effect of concentric-cylinder viscometer gap size on the experimental rheological properties of human blood. Cokelet GR, et al. **Biorheology** 10:51-6, Mar 73

On biorheology. Copley AL. **Biorheology** 10:87-105, Jun 73 (88 ref.)

Biorheology as an organized science. Copley AL. **Biorheology** 10:83-6, Jun 73

On the polar fluid as a model for blood flow in tubes. Cowin SC. **Biorheology** 9:23-5, Mar 72

Starting transients in haemoviscometry. Evans A, et al. **Biorheology** 10:77, Mar 73

The dynamic rigidity of fibrin gels. Fukada E, et al. **Biorheology** 10:129-38, Jun 73

Flow of suspensions through tubes. X. Liquid drops as models of erythrocytes. Gauthier FJ, et al. **Biorheology** 9:205-24, Dec 72

Cryorheology of reindeer blood. Halikas GC. **Biorheology** 9:105-13, Jun 72

Rheogoniometric studies of whole human blood at shear rates down to 0.0009 sec-1. II. Mathematical interpretation. Huang CR, et al. **Biorheology** 10:23-8, Mar 73

On a liquid drop model of blood rheology. Kline KA. **Biorheology** 9:287-99, Dec 72

Dissipative effects due to hydrodynamic interactions between red cells in a theory of pulse transmission and oscillatory flow in arteries. Kline KA, et al. **Biorheology** 9:1-22, Mar 72

Elevation of blood viscosity produced by shearing in a rotational viscometer and its inhibition by refrigeration. Rosenblum WI, et al. **Biorheology** 10:43-9, Mar 73

Microrheology and protein chemistry of pathological red cell aggregation (blood sludge) studies in vitro. Schmid-Schönbein H, et al. **Biorheology** 10:213-27, Jun 73

The Aharon Katchalsky memorial lecture. "Life, flow and deformation". Silberberg AS. **Biorheology** 10:109-16, Jun 73 (164 ref.)

Modelling the mechanical behavior of red blood cells. Skalak R. **Biorheology** 10:229-38, Jun 73

Effect of hematocrit and rouleaux on apparent viscosity in capillaries. Skalak R, et al. **Biorheology** 9:67-82, Jun 72

A method for measurement of biological fluids using a viscometer with a free floating cylinder. Zakharchenko VN, et al. **Biorheology** 10:267-70, Jun 73

High blood viscosity: an aetiological factor in venous thrombosis. Dormandy JA, et al. **Br J Surg** 60:187-90, Mar 73

Conservative management of thrombo-embolism. Flute PT. **Br J Surg** 59:834-6, Oct 72

Postoperative changes in blood viscosity and the influence of haematocrit and plasma-fibrinogen. Kemble JV, et al. **Br J Surg** 59:629-32, Aug 72

Studies on diabetic retinal vascular changes with special reference to blood coagulation and viscosity. Labib MA, et al. **Bull Ophthalmol Soc Egypt** 64:457-82, 1971

Clinical significance of hemodynamic findings in hypertension. Frohlich ED. **Chest** 64:94-9, Jul 73 (37 ref.)

Viscosity considerations in the determination of regional circulatory adjustments to anemia. Gordon RJ. **Circ Res** 31:811-2, Nov 72

Nonlinear analysis of aortic flow in living dogs. Ling SC, et al. **Circ Res** 33:198-212, Aug 73

Seasonal variation in blood viscosity of the hibernating arctic ground squirrel (Spermophilus undulatus plesius). Halikas G, et al. **Comp Biochem Physiol [A]** 44:677-81, 1 Feb 73

Seasonal variation in blood viscosity of the black bear (Ursus americanus). Halikas GC, et al. **Comp Biochem Physiol [A]** 41:433-6, 1 Feb 72

Emotional factors in coronary disease. Zohman BL. **Geriatrics** 28:110-9, Feb 73

Equivalent viscosity of plasma and plasma substitutes in oscillatory flow. Singh M, et al. **IEEE Trans Biomed Eng** 20:143-5, Mar 73

A latex test for the detection of human IgG aggregates and IgG anti-IgG antibody. Heimer R, et al. **Immunochemistry** 9:921-31, Sep 72

Inertial pressure losses in perfused hindlimb: a reinterpretation of the results of Whittaker and Winton. Benis AM, et al. **J Appl Physiol** 34:383-9, Mar 73

Red cell flexibility and pressure-flow relations in isolated lungs. Greene R, et al. **J Appl Physiol** 34:169-75, Feb 73

Absorption of gas bubbles in flowing blood. Hlastala MP, et al. **J Appl Physiol** 35:311-6, Sep 73

Influence of carbon monoxide and of hemodilution on cerebral blood flow and blood gases in man. Paulson OB, et al. **J Appl Physiol** 35:111-6, Jul 73

Distribution of systemic blood flow during cardiopulmonary bypass. Rudy LW Jr, et al. **J Appl Physiol** 34:194-200, Feb 73

Hyperviscosity syndrome in acute plasma cell leukaemia. Sawkar LA. **J Assoc Physicians India** 20:397-402, May 72

Transient laminar flow in ducts of arbitrary cross-section by finite element methods. Davids N, et al. **J Biomech** 5:485-99, Sep 72

An arithmetical approach to the mechanics of blood flow in small caliber blood vessels. Lew HS. **J Biomech** 5:49-69, Jan 72

Pressure and flow in the systemic arterial system. Wemple RR, et al. **J Biomech** 5:629-41, Nov 72

Rheology of leukocytes, leukocyte suspensions, and blood in leukemia. Possible relationship to clinical manifestations. Lightman MA. **J Clin Invest** 52:350-8, Feb 73

Role of surface electric charge in red blood cell interactions. Jan KM, et al. **J Gen Physiol** 61:638-54, May 73

Influence of the ionic composition of fluid medium on red cell aggregation. Jan KM, et al. **J Gen Physiol** 61:655-68, May 73

Influence of temperature and method of centrifugation on the separation of erythrocytes. Murphy JR. **J Lab Clin Med** 82:334-41, Aug 73

Blood viscosity in multiple sclerosis. Blair GW, et al. **J Neurol Neurosurg Psychiatry** 35:730-1, Oct 72

The circulatory effects of hematocrit variations in normovolemic newborn lambs. Fouron JC, et al. **J Pediatr** 82:995-1003, Jun 73

Persistence of the fetal circulation: a commentary. Gersony WM. **J Pediatr** 82:1103-6, Jun 73

Hyperviscosity in the neonate. Gross GP, et al. **J Pediatr** 82:1004-12, Jun 73

Continuous arterial oxygen tension monitoring in the newborn infant. Harris TR, et al. **J Pediatr** 82:929-39, Jun 73

Anemia and hyperbaric oxygenation in dogs subjected to coronary artery ligations. Ruiz E, et al. **J Surg Res** 13:339-48, Dec 72

Consumption coagulopathy in congenital heart-disease. Ihenacho HN, et al. **Lancet** 1:231-4, 3 Feb 73

Macroglobulinaemia or multiple myeloma? Vladutiu AO, et al. **Lancet** 1:1122-3, 19 May 73

Hyperviscosity syndrome in IgA multiple myeloma. Whittaker JA, et al. **Lancet** 2:572, 8 Sep 73

Hyperviscosity syndrome in multiple myeloma. **Lancet** 1:359-60, 17 Feb 73

The orbimeter: a new flowmeter for the measurement of small blood flows. Hellekant G. **Med Biol Eng** 11:431-5, Jul 73

Immunoglobulin disturbances and their clinical significance. Solomon A, et al. **Med Clin North Am** 37:499-516, Mar 73 (35 ref.)

ESR and aggregation of red cells after addition of fructose or glucose. Effect of ABO blood groups. Dintenfass L. **Med J Aust** 2:425-9, 19 Aug 72

Blood viscosity factors and prognosis in malignant melanoma. Effect of abo blood groups. Dintenfass L, et al. **Med J Aust** 1:1091-4, 2 Jun 73

Plasma viscometry and E.S.R. in the elderly. Harris GJ. **Med Lab Technol** 29:405-10, Oct 72

Ultrastructural basis of the mechanism of rouleaux formation. Chien S, et al. **Microvasc Res** 5:155-66, Mar 73

Burns. Moncrief JA. **N Engl J Med** 288:444-54, 1 Mar 73 (88 ref.)

Electroviscous effect in dextran-erythrocyte suspensions. Brooks DE, et al. **Nature [New Biol]** 238:251-3, 23 Aug 72

Cardiogenic shock. Recent advances in pharmacologic management. Kones RJ. **NY State J Med** 73:1886-93, 15 Jul 73 (136 ref.)

Neurologic aspects of hematologic disorders. Tartaglia AP. **NY State J Med** 73:964-8, 15 Apr 73

Polycythemia and hyperviscosity syndromes in infants and children. Kontras SB. **Pediatr Clin North Am** 19:919-33, Nov 72 (45 ref.)

Effect of ultrafiltration and plasma osmolarity upon the flow properties of blood: A possible mechanism for control of blood flow in the renal medullary vasa recta. Schmid-Schönbein H, et al. **Pfluegers Arch** 338:93-144, 22 Jan 73

Influence of intracellular convection on the oxygen release by human erythrocytes. Zander R, et al. **Pfluegers Arch** 335:58-73, 1972

Pathophysiology of the monoclonal gammopathies. Maldonado JE, et al. **Postgrad Med** 54:139-45 concl, Jul 73

Measurement and interpretation of blood viscosity. Dormandy JA, et al. **Proc R Soc Med** 65:891, Oct 72

The flow of model particles and blood cells and its relation to thrombogenesis. Goldsmith HL. **Prog Hemostasis Thromb** 1:97-127, 1972 (127 ref.)

Limited hemodilution in hemorrhagic shock in dogs: effects on central hemodynamics and the microcirculation in skeletal muscle. Sunder-Plassmann L, et al. **Res Exp Med (Berl)** 159:167-82, 25 Jan 73

Hyperviscosity syndromes associated with immunoglobulin abnormalities. Bloch KJ, et al. **Semin Hematol** 10:113-24, Apr 73 (55 ref.)

Hemostatic abnormalities associated with dysproteinemias. Lackner H. **Semin Hematol** 10:125-33, Apr 73 (72 ref.)

Studies on mechanisms of impairment of cerebral circulation following ischemia: effect of hemodilution and perfusion pressure. Fischer EG, et al. **Stroke** 3:538-42, Sep-Oct 72

The effect of gastric cooling on hemostasis. Waterman NG, et al. **Surg Gynecol Obstet** 137:80-2, Jul 73

Effect of surgical operation on human blood viscosity. Litwin MS, et al. **Surgery** 73:323-8, Mar 73

Albumin and hydroxy-ethyl starch in the cryopreservation of red cells--an in vitro study. Baar S. **Transfusion** 13:73-83, Mar 73

[Physical model for the study of pulsatile flow in the arterial vascular bed] Beránek I, et al. **Cas Lek Cesk** 111:945-51, 6 Oct 72 (Eng. Abstr.) (Cze)

[Toxic pulmonary edema. A review and report of 2 cases of poisoning with nitrous gases] Verder H, et al. **Ugeskr Laeger** 134:1937-43, 11 Sep 72 (Eng. Abstr.) (Dan)

[Dextran as a medium for the density gradient separation of red blood cells] Gross J, et al. **Acta Biol Med Ger** 29:765-75, 1972 (Eng. Abstr.) (Ger)

[Rheology of the blood] Chmiel H, et al. **Biomed Tech (Stuttg)** 17:174-80, Oct 72 (Eng. Abstr.) (Ger)

[Plasma viscosity, immunoglobulins and fibrinogen in cirrhosis of the liver] Bungert HJ, et al. **Dtsch Med Wochenschr** 97:1976-9, 22 Dec 72 (Eng. Abstr.) (Ger)

[Effect of gamma globulins on viscosity] Leonhardt H. **Experientia** 29:439-41, 15 Apr 73 (Eng. Abstr.) (Ger)

[Therapy of shock] Pichlmayr I. **Fortschr Med** 89:819-22, 1 Jul 71 (Ger)

[Function, aggregation tendency and adhesiveness of thrombocytes in comparison with blood viscosity in Von Willebrand's syndrome and uremia] Angelkort B, et al. **Med Welt** 23:1808-10, 25 Nov 72 (Ger)

[Coronary circulation and myocardial oxygen consumption before and after haemodilution perfusion] Regensburger D, et al. **Thoraxchirurgie** 20:431-5, Dec 72 (Eng. Abstr.) (Ger)

[Shock and microcirculation] Lasch HG. **Verh Dtsch Ges Inn Med** 77:1235-9, 1971 (Ger)

[Correlations between placental transfusion and blood viscosity in newborn infants] Vogtmann C. **Zentralbl Gynaekol** 94:1525-9, 11 Nov 72 (Ger)

[Cryoglobulinemia] Slawin S. **Harefuah** 83:75-8, 16 Jul 72 (51 ref.) (Heb)

[Statistical study of the relationships between blood viscosity and hematocrit values] Alberto S, et al. **Arch Sci Med (Torino)** 128:236-44, Oct-Dec 71 (Eng. Abstr.) (Ita)

[Blood viscosity in simple obesity] Girolami A, et al. **Folia Endocrinol (Roma)** 25:382-92, Oct 72 (Eng. Abstr.) (Ita)

[Venturi phenomenon in the hemodyamics of heart diseases. Physical basis and analysis of pressure curves] Caruso L, et al. **G Ital Cardiol** 2:741-50, 1972 (Ita)

[Changes of blood viscosity under cardiopulmonary bypass] Fujii S.
Jap J Anesthesiol 21:1199-207, Nov 72 (Eng. Abstr.) **(Jap)**

[Biorheology and medicine: a group discussion] Saito S, et al. **Jap J Clin Med** 30:985-1002, Apr 72 **(Jap)**

[Keypoints in clinical tests for hemorrhagic and thrombotic tendencies] Yasunaga K.
Jap J Clin Med 31:783-97, Apr 73 (20 ref.) **(Jap)**

[Rheology of erythrocytes] Matsunobu Y.
Respir Circ (Tokyo) 21:96-103, Feb 73 (55 ref.) **(Jap)**

[Physics of circulation rheology] Oka S.
Respir Circ (Tokyo) 20:15-23, Jan 72 **(Jap)**

[Low flow state--from the standpoint of blood theology] Saito S.
Respir Circ (Tokyo) 20:45-50, Jan 72 (23 ref.) **(Jap)**

[Electrocapillary properties of blood in mentally retarded children] Bichoński R, et al.
Folia Med Cracov 15:137-43, 1973 (Eng. Abstr.) **(Pol)**

[A simple test for investigation of blood flow: the filtration test. II. Its validity as a method of polymicroviscosity measurement. Considerations on filter paper standards] Teitel P, et al.
Stud Cercet Med Interna 13:555-64, 1972 (Eng. Abstr.) **(Rum)**

[A simple test for hemo-rheological studies: the filtration test. I. Principles, working technic and theories] Teitel P, et al.
Stud Cercet Med Interna 13:477-88, 1972 (Eng. Abstr.) **(Rum)**

[Blood viscosity in angina pectoris and acute myocardial infarction] Belousov IuB, et al.
Kardiologiia 13:5-10, Mar 73 (Eng. Abstr.) **(Rus)**

[Use of serum albumin in the complex treatment of traumatic shock during first aid] Umanskiĭ MA, et al.
Vestn Khir 110:97-101, Apr 73 (Eng. Abstr.) **(Rus)**

[DNAase activity in tumorous growth and the action on it of the RNA from Ehrlich tumor ascites fluid] Riazantseva IN, et al.
Vopr Onkol 18:33-7, 1972 (Eng. Abstr.) **(Rus)**

[Children with cyanotic heart defects--general symptoms and compensation mechanisms] Hedvall G.
Lakartidningen 70:833-6, 28 Feb 73 (Eng. Abstr.) **(Swe)**

DRUG EFFECTS

The role of ABO blood groups in blood rheology of cardiovascular disorders. Dintenfass L.
Angiology 24:442-53, Jul-Aug 73

A nonionic surfactant and blood viscosity. Experimental observations. Grover FL, et al.
Arch Surg 106:307-10, Mar 73

The effect of dextran on the microcirculation. Kreitman G. **Bull Hosp Joint Dis** 34:126-34, Apr 73

Streptokinase: a review of its clinical pharmacology, mechanism of action and therapeutic uses. Brogden RN, et al. **Drugs** 5:357-445, 1973 (260 ref.)

IgG-monoclonal gammopathy. Weakley S, et al.
Lancet 2:511-2, 1 Sep 73

In vivo rheology of dog blood after infusions of low molecular-weight dextran or saline. Meiselman HJ, et al. **Microvasc Res** 4:399-412, Oct 72

Rheology of blood: effect of dilution with various dextrans. Singh M, et al.
Microvasc Res 5:123-30, Mar 73

[Rheologic situation in the vascular bed after infusion of a macromolecular solution (Rheodextran Spofa)] Petrásek J, et al.
Cas Lek Cesk 112:23-5, 5 Jan 73 (Eng. Abstr.) **(Cze)**

[Cerebrovascular accident during treatment with gonadotropins] Humbert G, et al.
Nouv Presse Med 2:28-30, 6 Jan 73 **(Fre)**

[Conversion factor serum blood in the determination of blood alcohol] Brettel HF.
Beitr Gerichtl Med 30:58-71, 1973 (Eng. Abstr.) **(Ger)**

[Investigations on the interaction of fibrinogen, globulin and albumin on plasma viscosity] Leonhardt H, et al.
Clin Chim Acta 42:181-7, Nov 72 (Eng. Abstr.) **(Ger)**

[Short-term fibrinolytic treatment in acute myocardial infarction] Breddin K, et al.
Dtsch Med Wochenschr 98:861-73, 27 Apr 73 (Eng. Abstr.) **(Ger)**

[Drug-induced improvement of blood flow properties. Effective principle in the treatment of arterial occlusive diseases] Hess H, et al.
Fortschr Med 91:743-8, 14 Jun 73 **(Ger)**

[Behavior of blood viscosity during saluretic therapy] Ehrly AM.
Verh Dtsch Ges Inn Med 78:617-20, 1972 **(Ger)**

[Improvement of blood viscosity through Arvin] Ehrly AM, et al. **Verh Dtsch Ges Inn Med** 78:620-4, 1972 **(Ger)**

[Basic principles of the therapy of shock] Schröder R.
Minerva Med 63:5243-6, 26 Dec 72 **(Ita)**

[Clinical evaluation of Hespander] Nishimura N, et al.
Jap J Anesthesiol 21:635-41, Jul 72 (Eng. Abstr.) **(Jap)**

CHRISTMAS DISEASE

Clinical experiences with chromatographic DEAE adsorbed prothrombin complex for control of bleeding and multiple tooth extraction in hemophilia B patients. Onishi H, et al.
Acta Haematol Jap 34:513-6, Aug 71

Hemophilia. Schick PK.
Med Clin North Am 57:1095-106, Jul 73 (52 ref.)

The partial thromboplastin time test: distinction between inhibitor and clotting-factor deficiency. Knights SF, et al. **Med Lab Technol** 30:43-7, Jan 73

An approach to dental extractions in haemophilia and related bleeding disorders in children. Lurie A, et al.
S Afr Med J 46:1743-6, 11 Nov 72

BLOOD

Reactions of blood with nonbiologic surfaces. Ultrastructural and clotting studies with normal and coagulation factor deficient bloods. Mason RG, et al.
Am J Pathol 69:271-88, Nov 72

The activation of coagulation by extracts of mucus: a possible pathway of intravascular coagulation accompanying adenocarcinomas. Pineo GF, et al.
J Lab Clin Med 82:255-66, Aug 73

The procoagulant activity of granulocytes. Saba HI, et al. **Proc Soc Exp Biol Med** 142:614-20, Feb 73

The molecular basis of hereditary clotting disorders. Ratnoff OD.
Prog Hemostasis Thromb 1:39-74, 1972 (184 ref.)

A quantitative two-stage assay for factor IX (Christmas factor) using plasma from dogs with Christmas disease. Aronson DL, et al.
Thromb Diath Haemorrh 27:529-34, 31 Jul 72

Variants of haemophilia B. Elödi S, et al.
Thromb Diath Haemorrh 28:489-95, 31 Dec 72

[Circulating anticoagulants during hemophilia] Josso F, et al.
Rev Fr Transfus 15:281-98, Dec 72 (Eng. Abstr.) **(Fre)**

[Circulating anticoagulants in hemophilia] Josso F, et al.
Rev Fr Transfus 15:281-98, Sep 72 (Eng. Abstr.) **(Fre)**

[Blood coagulation disorders caused by abnormal blood coagulation factors] Fiedler H.
Z Aerztl Fortbild (Jena) 66:692-8, 1 Jul 72 **(Ger)**

[Some recent advances in blood coagulation research] Sakuragawa N.
Jap J Clin Hematol 13:923-33, Dec 72 (48 ref.) **(Jap)**

[On the coagulation factors from V through XIII] Yoshida K, et al.
Jap J Clin Med 31:755-64, Apr 73 (66 ref.) **(Jap)**

[Genetic forms of hemophilia B: two Polish families with hemophilia B+] Uszyński L.
Acta Haematol Pol 2:115-20, Apr-Jun 71 (Eng. Abstr.) **(Pol)**

CLASSIFICATION

Variants of haemophilia B. Elödi S, et al.
Thromb Diath Haemorrh 28:489-95, 31 Dec 72

COMPLICATIONS

Consumption coagulopathy following haemolytic crisis in glucose-6-phosphate dehydrogenase deficient subjects. Dube B, et al.
J Assoc Physicians India 20:455-8, Jun 72

Haemostatic aberrations in orthopaedic practice. Jha BK, et al. **J Indian Med Assoc** 59:115-7, 1 Aug 72

Massive hematuria and renal obstruction in hemophilia B (Christmas disease). Kelsey DM, et al.
J Urol 108:837-9, Dec 72

Postoperative thromboses in hemophilia B. Kasper CK.
N Engl J Med 289:160, 19 Jul 73

Vascular lesions in hemophilia B. Steinberg MH, et al.
N Engl J Med 289:592, 13 Sep 73

Gastrointestinal bleeding in haemophilia. Forbes CD, et al. **Q J Med** 42:503-11, Jul 73

Pseudotumor in a patient with factor IX deficiency. Andes WA, et al. **South Med J** 66:905-8, Aug 73

[Joint lesions and hemophilia. Attempt at histogenesis] Amouroux J, et al.
Sem Hop Paris 49:955-62, 14 Mar 73 (Eng. Abstr.) (Fre)
[The results of x-ray studies of hemophiliac hemorrhages at various sites] Klimenchenko GA.
Vestn Khir 108:101-4, Aug 72 (Eng. Abstr.) (Rus)
[Dental surgery in patients with coagulopathies. 3] Björlin G, et al.
Sven Tandlak Tidskr 65:411-21, Aug 72 (Eng. Abstr.) (Swe)

DIAGNOSIS

Fetal factor VIII and IX levels in early pregnancy and their significance in prenatal diagnosis. Fortune WA, et al. Acta Haematol (Basel) 49:314-7, 1973
Hemophilia B+ or Bm. First case reported in Italy. Girolami A, et al. Blut 26:268-79, Apr 73
Diagnosis and treatment of common bleeding disorders. Caprini JA, et al.
Ill Med J 142:564-8 passim, Dec 72
Haemophilic women. Clark KG.
Lancet 1:1388-9, 16 Jun 73
Discordant identical twins. Christmas disease. Révész T. Practitioner 210:162-4, Jan 73
Coagulation investigations in patients bleeding after tooth extraction. Martel A.
Sven Tandlak Tidskr 64:795-800, Nov 71
[Genetic forms of hemophilia B: two Polish families with hemophilia B+] Uszyński L.
Acta Haematol Pol 2:115-20, Apr-Jun 71 (Eng. Abstr.) (Pol)
[Partial thromboplastin time activated with kaolin (PTTTK), a sensitive test of total plasmatic coagulability] Poppa C, et al.
Stud Cercet Med Interna 13:489-93, 1972 (Eng. Abstr.) (Rum)

DRUG THERAPY

A trial of prophylactic replacement therapy in haemophilia and Christmas disease. Ramsay DM, et al.
J Clin Pathol 26:243-7, Apr 73
A clinical comparison of two commercial preparations of prothrombin complex. Gunay U.
Proc Inst Med Chic 29:315, May-Jun 73
Pseudotumor in a patient with factor IX deficiency. Andes WA, et al. South Med J 66:905-8, Aug 73
[New plasma derivatives] Soulier JP.
Rev Prat 22:1465-6 passim, 21 Mar 72 (Fre)
[Therapeutic effect of prothrombin derivative preparations on hemophilia B patients] Abe T, et al.
Jap J Clin Hematol 13:535-9, Aug 72 (Eng. Abstr.) (Jap)
[Preparation of factor IX concentrate with the use of DEAE-cellulose and its therapeutic results] Uszyński L, et al.
Acta Haematol Pol 2:109-14, Apr-Jun 71 (Eng. Abstr.) (Pol)
[The treatment of inherited coagulation disorders] Blombäck M, et al.
Lakartidningen 69:Suppl 4:76-84, 27 Dec 72 (Eng. Abstr.) (Swe)

ENZYMOLOGY

Serum enzyme changes after intramuscular bleeding in patients with haemophilia and Christmas disease. Forbes CD, et al. J Clin Pathol 25:1034-7, Dec 72

FAMILIAL & GENETIC

Hemophilia B in a phenotypically normal girl with XX (ring) XO mosaicism. Neuschatz J, et al.
Acta Haematol (Basel) 49:108-13, 1973
Expression and linkage of genes for X-linked hemophilias A and B in the dog. Brinkhous KM, et al.
Blood 41:577-85, Apr 73
Hemophilia B+ or Bm. First case reported in Italy. Girolami A, et al. Blut 26:268-79, Apr 73
Christmas disease in one of a pair of monozygotic twin girls, possibly the effect of lyonization. Révész T, et al.
J Med Genet 9:396-400, Dec 72
Discordant identical twins. Christmas disease. Révész T. Practitioner 210:162-4, Jan 73
[Lyonization as a possible cause of hemophilia B in a female child] Révész T, et al.
Orv Hetil 114:1603-8, 8 Jul 73 (Hun)
[Genetic forms of hemophilia B: two Polish families with hemophilia B+] Uszyński L.
Acta Haematol Pol 2:115-20, Apr-Jun 71 (Eng. Abstr.) (Pol)

IMMUNOLOGY

Suppression of factor IX antibody in hemophilia B by factor IX and cyclophosphamide. Nilsson IM, et al.
Ann Intern Med 78:91-5, Jan 73
Hemophilia B+ or Bm. First case reported in Italy. Girolami A, et al. Blut 26:268-79, Apr 73
Gm types and antibodies in multitransfused haemophiliacs. Kernoff PB, et al.
Br J Haematol 24:443-50, Apr 73
The genetics of hereditary disorders of blood coagulation. Ratnoff OD, et al.
Science 179:1291-8, 30 Mar 73 (53 ref.)
Variants of haemophilia B. Elödi S, et al.
Thromb Diath Haemorrh 28:489-95, 31 Dec 72
[Genetic forms of hemophilia B: two Polish families with hemophilia B+] Uszyński L.
Acta Haematol Pol 2:115-20, Apr-Jun 71 (Eng. Abstr.) (Pol)

OCCURRENCE

Hemophilia B+ or Bm. First case reported in Italy. Girolami A, et al. Blut 26:268-79, Apr 73
A three-year study of adolescent boys suffering from haemophilia and allied disorders. Rainsford SG, et al.
Br J Haematol 24:539-51, May 73
Variants of haemophilia B. Elödi S, et al.
Thromb Diath Haemorrh 28:489-95, 31 Dec 72

PHYSIOPATHOLOGY

The histochemistry of fibrinolysis in haemophilic synovial membranes. Storti E, et al.
Acta Haematol (Basel) 49:142-53, 1973
Platelets and initiation of intrinsic clotting. Schiffman S, et al. Br J Haematol 24:633-42, May 73

THERAPY

Supervised patient-management of hemophilia. A study of 45 patients with hemophilia A and B. Levine PH, et al. Ann Intern Med 78:195-201, Feb 73
Diagnosis and treatment of common bleeding disorders. Caprini JA, et al.
Ill Med J 142:564-8 passim, Dec 72
The treatment of coagulation factor deficiencies. Temperley IJ. J Ir Med Assoc 66:42-5, 27 Jan 73
Specific therapy in hemophilia. Hutaff LW.
NC Med J 34:193-6, Mar 73
Hemophilia: the new look. Patterson PC.
Nurs Clin North Am 7:777-85, Dec 72
Gastrointestinal bleeding in haemophilia. Forbes CD, et al. Q J Med 42:503-11, Jul 73
A therapeutic concentrate of coagulation factors II, IX and X from citrated, factor VIII-depleted plasma. Middleton SM, et al. Vox Sang 24:441-56, May 73

CHYMOTRYPSIN

Enzymatic degradation of peptides containing alpha-aminooxycarboxylic acids. Kisfaludy L, et al.
Acta Biochim Biophys Acad Sci Hung 6:393-403, 1971
Investigations of hydrogen-deuterium exchange in -chymotrypsin. Kania L, et al.
Acta Biochim Pol 20:15-23, 1973
The effect of enzymes on extracellular connective tissue components in the developing chick aorta. Newman TL, et al. Am J Anat 136:407-25, Apr 73
The coupling of biologically active proteins to ethylene-maleic anhydride copolymers of different anhydride content. Goldstein L.
Anal Biochem 50:40-6, Nov 72
Hydrophobic affinity chromatography of proteins. Hofstee BH. Anal Biochem 52:430-48, Apr 73
Cooperative conformational changes in globular proteins. Pohl FM.
Angew Chem [Engl] 11:894-6, Oct 72 (113 ref.)
The molecular structure of fibrinogen. Blombäck B, et al. Ann NY Acad Sci 202:77-97, 8 Dec 72 (54 ref.)
Conformational studies on proteins by isoelectric focusing. Ui N. Ann NY Acad Sci 209:198-209, 15 Jun 73
Catalytic configurations. Henderson R, et al.
Annu Rev Biophys Bioeng 1:1-26, 1972 (117 ref.)
Nuclear magnetic resonance studies of the dynamic aspects of molecular structure and interaction in

biological systems. Sykes BD, et al.
Annu Rev Biophys Bioeng 1:27-50, 1972 (188 ref.)
Sedimentation equilibrium studies of human chymotrypsin II and bovine -chymotrypsin. Hall PK, et al. **Arch Biochem Biophys** 154:160-5, Jan 73
Experimental allergic encephalomyelitis: basic protein regions responsible for delayed hypersensitivity. Hashim GA, et al.
Arch Biochem Biophys 156:298-309, May 73
Prevention of experimental allergic encephalomyelitis by nonencephalitogenic basic peptides. Hashim GA, et al. **Arch Biochem Biophys** 156:287-97, May 73
Amino acid sequences of the amino and the carboxyl terminal cyanogen bromide peptides of bovine plasma albumin. King TP, et al.
Arch Biochem Biophys 153:627-40, Dec 72
The primary structure of sheep pituitary growth hormone. Li CH, et al.
Arch Biochem Biophys 156:493-508, Jun 73
Further studies on mitogenic components of Phaseolus vulgaris phytohemagglutinin: subunit structure. O YH, et al. **Arch Biochem Biophys** 152:631-7, Oct 72
The primary structure of ovine interstitial cell-stimulating hormone. I. The -subunit. Sairam MR, et al. **Arch Biochem Biophys** 153:554-71, Dec 72
The primary structure of ovine interstitial cell-stimulating hormone. II. The -subunit. Sairam MR, et al. **Arch Biochem Biophys** 153:572-86, Dec 72
Amino acid sequences in the -chains of adult bovine hemoglobins C-Rhodesia and D-Zambia. Schroeder WA, et al. **Arch Biochem Biophys** 152:222-32, Sep 72
Association of reovirus mRNA with viral proteins: a possible mechanism for linking the genome segments. Ward RL, et al.
Arch Biochem Biophys 152:378-84, Sep 72
Chromatographic purification of the Sindbis virus: comparison of different methods. Chudzio T, et al.
Arch Immunol Ther Exp (Warsz) 21:227-37, 1973
Incidence of retinal detachment following cataract extraction. Scheie HG, et al.
Arch Ophthalmol 89:293-5, Apr 73
The complete amino acid sequence of a feather keratin from emu (Dromaius novae-hollandiae). O'Donnell IJ.
Aust J Biol Sci 26:415-35, Apr 73
Microfibrillar material from various sources of keratin. Whitmore PG. **Aust J Biol Sci** 25:1373-6, Dec 72
The thermal transition of a non-hydroxylated form of collagen. Evidence for a role for hydroxyproline in stabilizing the triple-helix of collagen. Berg RA, et al.
Biochem Biophys Res Commun 52:115-20, 1 May 73
Purification and characterization of inhibitors of insulin specific protease in human serum. Brush JS, et al. **Biochem Biophys Res Commun** 53:894-903, 6 Aug 73
Methyl-1-methyl-3,4-dihydro- -carboline-3-carboxylate as a new chromogenic substrate for -chymotrypsin. Coletti-Previero MA, et al.
Biochem Biophys Res Commun 49:301-5, 17 Oct 72
Comparison of the reaction of N-ethylmaleimide with myosin and heavy meromyosin subfragment 1. Daniel JL, et al.
Biochem Biophys Res Commun 51:125-31, 5 Mar 73
The amino acid sequence of Desulfovibrio vulgaris flavodoxin. Dubourdieu M, et al.
Biochem Biophys Res Commun 52:1418-25, 19 Jun 73
Implications of the chemical modification of chymotrypsin. Grey SM, et al.
Biochem Biophys Res Commun 52:687-95, 15 May 73
Allergic encephalomyelitis: characterization of the determinants for delayed type hypersensitivity. Hashim GA, et al.
Biochem Biophys Res Commun 50:589-96, 5 Feb 73
Amino acid sequence of human erythrocyte carbonic anhydrase C. Henderson LE, et al.
Biochem Biophys Res Commun 52:1388-94, 19 Jun 73
Protein binding by agarose carrying hydrophobic groups in conjunction with charges. Hofstee BH.
Biochem Biophys Res Commun 50:751-7, 5 Feb 73
An estimate of intraprotein electrostatic fields values originated by the peptide groups in -chymotrypsin. Johannin G, et al.
Biochem Biophys Res Commun 49:321-7, 17 Oct 72
Structure of the flavin site of Chromatium flavocytochrome c -552 . Kenney WC, et al.
Biochem Biophys Res Commun 52:434-9, 15 May 73
The binding of calcium by chymotrypsinogen A. Osborne J, et al.
Biochem Biophys Res Commun 49:923-9, 15 Nov 72
Evidence for nucleation in the folding of reduced hen egg lysozyme. Ristow SS, et al.
Biochem Biophys Res Commun 50:544-50, 23 Jan 73
Human pituitary thyrotropin: isolation and chemical characterization of its subunits. Sairam MR, et al.
Biochem Biophys Res Commun 51:336-42, 17 Mar 73
Amino acid sequence of the first 65 residues of IgA myeloma protein. Shinoda T.
Biochem Biophys Res Commun 52:1246-51, 19 Jun 73
Complete amino acid analysis of peptides and proteins after hydrolysis by a mixture of sepharose-bound peptidases. Bennett HP, et al.
Biochem J 129:695-701, Sep 72
The primary structure of cytochrome c from the rust fungus Ustilago sphaerogena. Bitar KG, et al.
Biochem J 129:561-9, Sep 72
The amino acid sequence of cytochrome c from Nigella damascena L. (love-in-a-mist). Brown RH, et al.
Biochem J 133:251-4, Jun 73
The amino acid sequence of cytochrome c from Allium porrum L. (leek). Brown RH, et al.
Biochem J 131:247-51, Feb 73
The amino acid sequence of cytochrome c from Spinacea oleracea L. (spinach). Brown RH, et al.
Biochem J 131:253-6, Feb 73
A competitive labelling method for determining the ionization constants and reactivity of individual histidine residues in proteins. The histidines of -chymotrypsin. Cruickshank WH, et al.
Biochem J 130:1125-31, Dec 72
The amino acid sequence of protein SCMK-B2A from the high-sulphur fraction of wool keratin. Elleman TC.
Biochem J 130:833-45, Dec 72
Comparative studies of the specificities of -chymotrypsin and subtilisin BPN'. Studies with flexible substrates. Pattabiraman TN, et al.
Biochem J 126:645-57, Feb 72
Comparative studies of the specificities of -chymotrypsin and subtilisin BPN'. Studies with flexible and 'locked' substrates. Pattabiraman TN, et al. **Biochem J** 126:659-65, Feb 72
The reactivity of functional groups as a probe for investigating the topography of tobacco mosaic virus. The use of mutants with additional lysine residues in the coat protein. Perham RN.
Biochem J 131:119-26, Jan 73
The amino acid sequence of the B-protein of bacteriophage ZJ-2. Snell DT, et al.
Biochem J 127:167-78, Mar 72
The complete amino acid sequence of a mouse kappa light chain. Svasti J, et al. **Biochem J** 128:427-44, Jun 72
Purification and properties of a human seminal proteinase. Syner FN, et al.
Biochem J 126:1135-40, Mar 72
Replacement of asparagine by aspartic acid in hen ovalbumin and a difference in immunochemical reactivity. Wiseman RL, et al.
Biochem J 127:775-80, May 72
Amino acid sequences of mouse 2.5S nerve growth factor. I. Isolation and characterization of the soluble tryptic and chymotryptic peptides. Angeletti RH, et al. **Biochemistry** 12:90-100, 2 Jan 73
Structure of rat skin collagen alpha 1-CBB. Amino acid sequence of the hydroxyl amine-produced fragment HA2. Balian G, et al.
Biochemistry 11:3798-806, 26 Sep 72
Purification of (14C) protocollagen and its hydroxylation by prolyl-hydroxylase. Berg RA, et al.
Biochemistry 12:3395-401, 28 Aug 73
Alkyl isocyanates as active-site-specific reagents for serine proteases. Identification of the active-site serine as the site of reaction. Brown WE, et al.
Biochemistry 12:835-40, 27 Feb 73
Alkyl isocyanates as active-site-specific reagents for serine proteases. Reaction properties. Brown WE, et al. **Biochemistry** 12:828-34, 27 Feb 73
Determination of the secondary structures of proteins by circular dichroism and optical rotatory dispersion. Chen YH, et al. **Biochemistry** 11:4120-31, 24 Oct 72
Susceptibility of paramyosin to proteolysis and the relationship to regions of different stability. Cowgill RW. **Biochemistry** 11:4532-9, 21 Nov 72
A collagenolytic protease from the hepatopancreas of the fiddler crab, Uca pugilator. Purification and properties. Eisen AZ, et al.
Biochemistry 12:1814-22, 24 Apr 73
Mechanism of chymotrypsin. Structure, reactivity, and nonproductive binding relationships. Fastrez J, et al.
Biochemistry 12:1067-74, 13 Mar 73
Demonstration of the acyl-enzyme mechanism for the hydrolysis of peptides and anilides by chymotrypsin. Fastrez J, et al. **Biochemistry** 12:2025-34, 22 May 73
Leaving group specificity in the

chymotrypsin-catalyzed hydrolysis of peptides. A stereochemical interpretation. Fersht AR, et al. **Biochemistry** 12:2035-41, 22 May 73

The -chymotrypsin-catalyzed hydrolysis of N-acetyl-L-tryptophan p-nitrophenyl ester in dimethyl sulfoxide at subzero temperatures. Fink AL. **Biochemistry** 12:1736-42, 24 Apr 73

Complete amino acid sequence of a nonneurotoxic hemolytic protein from the venom of Haemachatus haemachates (African ringhals cobra). Fryklund L, et al. **Biochemistry** 12:661-7, Feb 73

Amino acid sequences of the two principal neurotoxins of Enhydrina schistosa venom. Fryklund L, et al. **Biochemistry** 11:4633-40, 21 Nov 72

Microenvironmental effects on enzyme catalysis. A kinetic study of polyanionic and polycationic derivatives of chymotrypsin. Goldstein L. **Biochemistry** 11:4072-84, 24 Oct 72

Hybrid formation between collagen and synthetic polypeptides. Heidemann ER, et al. **Biochemistry** 12:2958-63, 31 Jul 73

Low pH dimerization behavior of active-site derivatives of bovine -chymotrypsin. Horbett TA, et al. **Biochemistry** 12:1349-58, 27 Mar 73

Isolation and partial characterization of the cyanogen bromide fragments of 1 -acid glycoprotein and the elucidation of the amino acid sequence of the carboxyl-terminal cyanogen bromide fragment. Ikenaka T, et al. **Biochemistry** 11:3817-29, 26 Sep 72

Kinetics of the reaction of chymotrypsin A with peptide chloromethyl ketones in relation to its subsite specificity. Kurachi K, et al. **Biochemistry** 12:771-7, Feb 73

Mouse immunoglobulin chains. Partial amino acid sequence of a kappa chain. McKean D, et al. **Biochemistry** 12:749-59, Feb 73

Mouse immunoglobulin chains. Pattern of sequence variation among kappa chains with limited sequence differences. McKean D, et al. **Biochemistry** 12:760-71, Feb 73

Effect of internal rotation on nuclear magnetic relaxation times for macromolecules. Marshall AG, et al. **Biochemistry** 11:3875-9, 10 Oct 72

Structure of 1 -acid glycoprotein. The complete amino acid sequence, multiple amino acid substitutions, and homology with the immunoglobulins. Schmid K, et al. **Biochemistry** 12:2711-24, 3 Jul 73

Control of conformation of -chymotrypsin through chemical modification. Taylor RP, et al. **Biochemistry** 12:2933-40, 17 Jul 73

Mechanism of activation of bovine procarboxypeptidase A S 5 . Alterations in primary and quaternary structure. Uren JR, et al. **Biochemistry** 11:4483-92, 21 Nov 72

Primary structure of cytochrome c from the emu, Dromaeus novaehollandiae. Augusteyn RC. **Biochim Biophys Acta** 303:1-7, 23 Mar 73

Is -chymotrypsin an autolytic product in the activation scheme of chymotrypsinogen A? Avery MJ, et al. **Biochim Biophys Acta** 310:142-7, 17 May 73

Rapid preequilibrium determination of molecular weights in the ultracentrifuge. Baurain RM, et al. **Biochim Biophys Acta** 295:18-29, 25 Jan 73

Rat pancreatic ribonuclease. II. Amino acid sequence. Beintema JJ, et al. **Biochim Biophys Acta** 310:161-73, 17 May 73

Backbone folding of immunoglobulin light and heavy chains: a comparison of predicted -bend positions. Bunting JR, et al. **Biochim Biophys Acta** 285:60-71, 28 Nov 72

Interaction between proteases and bovine erythrocyte membranes. Burkholder DE, et al. **Biochim Biophys Acta** 282:135-45, 1 Sep 72

The complete amino acid sequence of the basic nuclear protein of bull spermatozoa. Coelingh JP, et al. **Biochim Biophys Acta** 285:1-14, 28 Nov 72

The myoglobin of primates. 3. Cercopithecidae (Old World monkeys): Papio anubis (olive baboon) and Macaca fascicularis (=irus, crab-eating monkey). Herrera AE, et al. **Biochim Biophys Acta** 278:465-81, 31 Oct 72

Membrane coarctation by calcium as a regulator for bound enzymes. Horvath C, et al. **Biochim Biophys Acta** 298:850-60, 16 Apr 73

Membrane proteins of Rhodopseudomonas spheroides. IV. Characterization of chromatophore proteins. Huang JW, et al. **Biochim Biophys Acta** 307:317-31, 11 May 73

Snake venom toxins the amino acid sequences of two toxins from Ophiophagus hannah (King cobra) venom. Joubert FJ. **Biochim Biophys Acta** 317:85-98, 12 Jul 73

The esterification of insulin with triethyloxonium tetrafluoroborate. Levy D. **Biochim Biophys Acta** 310:406-15, 15 Jun 73

Conversion of exposed aspartyl and glutamyl residues in proteins to asparaginyl and glutaminyl residues. Lewis SD, et al. **Biochim Biophys Acta** 303:284-91, 20 Apr 73

A rat-specific lysine-rich histone. Sluyser M, et al. **Biochim Biophys Acta** 295:605-12, 21 Feb 73

Increased lysine hydroxylation in rat bone and tendon collagen and localization of the additional residues. Stoltz M, et al. **Biochim Biophys Acta** 310:461-8, 15 Jun 73

The pKa values of the -amino groups of peptides derived from the N-terminus of bovine growth hormone. Wallis M. **Biochim Biophys Acta** 310:388-97, 15 Jun 73

The estimation of polypeptide chain molecular weight by thin-layer gel filtration in urea and sodium dodecyl sulphate solution. Wasyl Z, et al. **Biochim Biophys Acta** 285:279-86, 28 Dec 72

Chymotrypsin-catalyzed reactions of phenyl hippurate with alcohols. Kinetic evidence for a binding site for nucleophiles. Werber MM, et al. **Biochim Biophys Acta** 293:208-16, 12 Jan 73

Protein labeling by acetylation. Miller IR, et al. **Biopolymers** 11:2533-6, 1972

The continuous suture in cataract surgery and its effect on intraocular pressure. Harden AF, et al. **Br J Ophthalmol** 56:887-91, Dec 72

Motilin, a gastric motor activity stimulating polypeptide: the complete amino acid sequence. Brown JC, et al. **Can J Biochem** 51:533-7, May 73

Parameter evaluation in second-degree rate equations for enzyme-catalyzed reactions. Bunting JW, et al. **Can J Biochem** 50:1369-75, Dec 72

Effects of ionic strength on the circular dichroism spectrum of chymotrypsin. Dorrington KJ, et al. **Can J Biochem** 51:1059-65, Jul 73

Kinetics of the reaction of nitrous acid with model compounds and proteins, and the conformational state of N-terminal groups in the chymotrypsin family. Kurosky A, et al. **Can J Biochem** 50:1282-96, Dec 72

The amino acid sequence of cytochrome c-553 from the Chrysophycean alga Monochrysis lutheri. Laycock MV. **Can J Biochem** 50:1311-25, Dec 72

Formaldehyde as an active site label of -chymotrypsin. Martin CJ, et al. **Can J Biochem** 50:1114-21, Oct 72

The conformational state of methionine residues in the temperature-controlled transition of chymotrypsinogen and -chymotrypsin. Wasi S, et al. **Can J Biochem** 51:797-805, Jun 73

Characterization of human migration inhibitory factor (MIF) from antigen-stimulated lymphocytes. Rocklin RE, et al. **Cell Immunol** 5:436-45, Nov 72

A system of nomenclature for band patterns of mouse chromosomes. Nesbitt MN, et al. **Chromosoma** 41:145-58, 1973

IgG antigens of the C gamma 2 and C gamma 3 homology regions interacting with rheumatoid factors. Natvig JB, et al. **Clin Exp Immunol** 12:177-84, Oct 72

Spectrophotometric and structural evidence as to the mechanism of portease catalysis at chemical bonding resolution. Bernhard SA, et al. **Cold Spring Harbor Symp Quant Biol** 36:75-83, 1971

Conformational equilibria and the salt bridge in chymotrypsin. Fersht AR. **Cold Spring Harbor Symp Quant Biol** 36:71-3, 1971

-Chymotrypsin: what can we learn about catalysis from x-ray diffraction? Henderson R, et al. **Cold Spring Harbor Symp Quant Biol** 36:63-70, 1971

Structure-reactivity correlations and general acid-base catalysis in enzymic transacylation reactions. Jencks WP. **Cold Spring Harbor Symp Quant Biol** 36:1-11, 1971

The aromatic substrate binding site in subtilisin BPN' and its resemblance to chymotrypsin. Kraut J, et al. **Cold Spring Harbor Symp Quant Biol** 36:117-23, 1971

Enzymatic catalysis and the transition state theory of reaction rates: transition state analogs. Lienhard GE, et al. **Cold Spring Harbor Symp Quant Biol** 36:45-51, 1971

Pancreatic trypsin inhibitor (Kunitz). II. Complexes with proteinases. Rühlmann A, et al. **Cold Spring Harbor Symp Quant Biol** 36:148-50, 1971

The stereochemistry of substrate binding to chymotrypsin A . Segal DM, et al. **Cold Spring Harbor Symp Quant Biol** 36:85-90, 1971

The crystal and molecular structure of DIP-inhibited bovine trypsin at2.7Angstrom resolution. Stroud RM, et al.
Cold Spring Harbor Symp Quant Biol 36:125-40, 1971

Diversity of proteases in the keratinolytic larvae of the webbing clothes moth, Tineola bisselliella. Ward CW.
Comp Biochem Physiol [B] 42:131-5, 15 May 72

The C-band and G-band patterns of Microtus agrestis chromosomes. Cooper JE, et al.
Cytogenetics 11:295-304, 1972

The application of magnetic resonance methods to the study of enzyme structures and action. Knowles PF.
Essays Biochem 8:79-106, 1972 (37 ref.)

Amino-acid sequence of a peptide from human-serum albumin. Babin DR, et al.
Eur J Biochem 34:409-14, 2 May 73

Carboxyterminal antigenic determinants of collagen from calf skin. Localization within discrete regions of the nonhelical sequence. Becker U, et al.
Eur J Biochem 28:221-31, 13 Jul 72

A numerical method for acquisition and processing of steady-state kinetic data contained in an entire progression curve. Application to the study of -chymotrypsin-catalyzed hydrolysis. Bizzozero S, et al.
Eur J Biochem 33:292-300, 1 Mar 73

Conservative amino-acid replacement in the tyrosine region of the lysine-rich histones. Bustin M.
Eur J Biochem 29:263-7, 18 Sep 72

The primary structure of the major parvalbumin from hake muscle. Overlapping peptides obtained with chemical and enzymatic methods. The complete amino-acid sequence. Capony JP, et al.
Eur J Biochem 32:97-108, 3 Jan 73

The modification of deoxyribonucleohistone by trypsin and chymotrypsin. Chatterjee S, et al.
Eur J Biochem 34:519-26, 2 May 73

The primary structure of a protein, component 0.62, rich in glycine and aromatic residues, obtained from wool keratin. Dopheide TA.
Eur J Biochem 34:120-4, 2 Apr 73

The covalent structure of collagen. Amino-acid sequence of peptide 1-CB6-C2. Fietzek PP, et al.
Eur J Biochem 30:163-8, 17 Oct 72

A glycopeptide from the posterior lobe of pig pituitaries. 2. Primary structure. Holwerda DA.
Eur J Biochem 28:340-6, 24 Jul 72

Structural studies of alcohol dehydrogenase from rat liver. Jörnvall H, et al.
Eur J Biochem 29:167-74, 18 Aug 72

Studies on soybean trypsin inhibitors. 3. Amino-acid sequences of the carboxyl-terminal region and the complete amino-acid sequence of soybean trypsin inhibitor (Kunitz). Koide T, et al.
Eur J Biochem 32:417-31, 1 Feb 73

Studies on soybean trypsin inhibitors. 2. Amino-acid sequence around the reactive site of soybean trypsin inhibitor (Kunitz). Koide T, et al.
Eur J Biochem 32:408-16, 1 Feb 73

Esterase activity of chymotrypsin on oxygen-substituted tyrosine substrates. Kundu N, et al. **Eur J Biochem 28:311-5, 24 Jul 72**

Isolation and amino-acid sequence of the C-peptide of duck proinsulin. Markussen J, et al.
Eur J Biochem 34:401-8, 2 May 73

The isolation and characterization of nerve-growth factor from the venom of Vipera russelli. Pearce FL, et al. **Eur J Biochem 29:417-25, 25 Sep 72**

The amino-acid sequence of neurotoxin II of Androctonus australis Hector. Rochat H, et al.
Eur J Biochem 28:381-8, 24 Jul 72

Primary structure of bovine growth hormone. Santomé JA, et al. **Eur J Biochem 37:164-70, 1 Aug 73**

Modification of protein properties by change in charge. Succinylated chymotrypsinogen. Shiao DD, et al.
Eur J Biochem 29:377-85, 18 Sep 72

The primary structure of an acidic protein from 50-S ribosomes of Escherichia coli which is involved in GTP hydrolysis dependent on elongation factors G and T. Terhorst C, et al.
Eur J Biochem 34:138-52, 2 Apr 73

The covalent structure of collagen. The amino-acid sequence of the 112-residues. Amino-terminal part of peptide 1-CB6 from calf-skin collagen. Wendt P, et al.
Eur J Biochem 30:169-83, 17 Oct 72

An amino acid sequence in the active site of lipoamide dehydrogenase from the 2-oxoglutarate dehydrogenase complex of E. coli (Crookes strain). Brown JP, et al. **FEBS Lett 26:221-4, 1 Oct 72**

The chicken myoglobin (Gallus gallus). A 47 residue N-terminal sequence. Deconinck M, et al.
FEBS Lett 23:279-81, 15 Jun 72

The influence of the geometric properties of the active centre on the specificity of -chymotrypsin catalysis. Dorovska VN, et al. **FEBS Lett 23:122-4, 1 Jun 72**

Rat liver alcohol dehydrogenase. Characterisation of alkylated cysteine residues in the carboxy-methylated protein. Jörnvall H.
FEBS Lett 28:32-5, 15 Nov 72

Bovine -crystallin: sequence of the C-terminal cyanogen bromide fragment of the A chain. Ouderaa F van der, et al. **FEBS Lett 28:77-80, 15 Nov 72**

Identification of a precursor for one of the Semliki forest virus membrane proteins. Simons K, et al.
FEBS Lett 29:87-91, 15 Jan 73

The structure of partially histone depleted nucleohistone. Skidmore C, et al.
FEBS Lett 32:175-8, 15 May 73

Non-helical regions in rat collagen 1-chain. Stolz M, et al. **FEBS Lett 26:61-5, 1 Oct 72**

Polyacrylamide-protein immunoadsorbents prepared with glutaraldehyde. Ternynck T, et al.
FEBS Lett 23:24-8, 1 Jun 72

The covalent structure of collagen: the tryptic, thermolytic and chymotryptic peptides of 1-CB3 from calf skin collagen. Wendt P, et al.
FEBS Lett 26:69-73, 1 Oct 72

Studies on the protease spectrum isolated from the digestive tract of Limulus polyphemus L. (horseshoe crab) including an immunological comparison to related invertebrates. Kraft V, et al.
Hoppe Seylers Z Physiol Chem 353:1540-1, Oct 72

Effect of proteases on the sigma factor and on its function. Lill HR, et al.
Hoppe Seylers Z Physiol Chem 353:1543-4, Oct 72

Proteolytic enzymes. Function of the "Tosyl Hole" in reactions of -chymotrypsin. Williams A, et al.
Hoppe Seylers Z Physiol Chem 353:688-9, May 72

The development of the antigenic structures of human-1 -antichymotrypsin and C 1q. Bauer K.
Humangenetik 17:267-70, 1973

Identification of individual chromosomes in the human karyotype by their banding pattern after proteolytic digestion. Finaz C, et al. **Humangenetik 15:249-52, 1972**

Enzymic and immunochemical properties of lysozyme. VI. Conformation, enzymic activity and immunochemistry of derivatives modified at arginine residues. Atassi MZ, et al.
Immunochemistry 9:907-20, Sep 72

Hinge-region deletion localized in the IgG-globulin Mcg. Fett JW, et al.
Immunochemistry 10:115-8, Feb 73

Amino acid sequences in the Fd of a rabbit antibody heavy chain. Fleischman JB.
Immunochemistry 10:401-7, Jun 73

Homologous peptides from the Fc region of rabbit IgG. Florent G, et al. **Immunochemistry 10:425-30, Jul 73**

Studies on human secretory IgA. II. Comparative studies on a fragment of secretory component derived from secretory IgA and fragments obtained by enzymatic digestion of free secretory component. Kobayashi K, et al. **Immunochemistry 10:73-80, Feb 73**

Studies of the carboxy terminal antigenic region of oxidized ribonuclease. Liu S, et al.
Immunochemistry 9:1103-14, Nov 72

Effect of trichloroacetate ion on the proteolytic activity of chymotrypsin, trypsin & pepsin. Sagar AJ, et al. **Indian J Biochem Biophys 9:52-4, Mar 72**

Properties of the cholera exo-enterotoxin: effects of dispersing agents and reducing agents in gel filtration and electrophoresis. Finkelstein RA, et al.
Infect Immun 6:934-44, Dec 72

Cross-protective antigens of Neisseria meningitidis obtained from Slaterus group Y. Jennings HJ, et al.
Infect Immun 5:547-51, Apr 72

Adrenocorticotropin. 43. The synthesis and steroidogenic activity of (2-N-methylphenylalanine)-adrenocorticotropin-(1-19). Blake J, et al. **Int J Pept Protein Res 4:343-5, 1972**

Sequence studies on the tryptic peptides and the chymotryptic peptides from the polypeptide chain of aII component of the chicken hemoglobin. Biochemical studies on hemoglobins and myoglobins. 8. Matsuda G, et al.
Int J Pept Protein Res 4:291-302, 1972

Conformational energy calculations of enzyme-substrate interactions. I. Computation of preferred conformations of some substrates of -chymotrypsin. Platzer KE, et al.
Int J Protein Res 4:187-200, 1972

Conformational energy calculations of enzyme-substrate interactions. II. Computation of the binding energy for substrates in the active site of -chymotrypsin. Platzer KE, et al. **Int J Protein Res 4:201-19, 1972**

Stereochemical criteria for polypeptide and protein chain conformations. VII. Effect of non-planarity and bond angle distortion at the a-carbon atom on the contact map for a pair of paptide units. Ramakrishnan C, et al. **Int J Protein Res 4:79-90, 1972**

Growth stimulating effects of proteolytic enzymes on corneal tissues. Weimar VL, et al. **Isr J Med Sci 8:1531-6, Aug-Sep 72**

Denaturation of -chymotrypsin in frozen aqueous solutions. Pincock RE, et al. **J Agric Food Chem 21:2-5, Jan-Feb 73**

Discrete effects of the acylamino proton in a chymotrypsin substrate on different processes in catalysis. Caplow M, et al. **J Am Chem Soc 94:6508-12, 6 Sep 72**

Nuclear magnetic resonance studies of the interaction of N-formyltryptophanate with -chymotrypsin. Gerig JT, et al. **J Am Chem Soc 94:7549-58, 18 Oct 72**

Nuclear magnetic resonance studies of the interaction of N-trifluoroacetyltryptophanate with -chymotrypsin. Gerig JT, et al. **J Am Chem Soc 94:7558-64, 18 Oct 72**

Nuclear magnetic resonance studies of the interaction of N-acetyltryptophan with -chymotrypsin. Gerig JT, et al. **J Am Chem Soc 94:7565-9, 18 Oct 72**

Deacylation of acyl chymotrypsins formed from aromatic carbonate diesters. Evidence for hindered nucleophilic attack by histidine-57. Hutchins JE, et al. **J Am Chem Soc 94:8848-54, 13 Dec 72**

Chymotrypsin catalysis. Evidence for a new intermediate. 3. Lucas EC, et al. **J Am Chem Soc 95:2670-3, 18 Apr 73**

One-proton catalysis in the deacetylation of acetyl--chymotrypsin. Pollock E, et al. **J Am Chem Soc 95:968-9, 7 Feb 73**

Hollow fiber enzyme reactors. Rony PR. **J Am Chem Soc 94:8247-8, 15 Nov 72**

Concerning a reported change in rate-determining step in chymotrypsin catalysis. Zeeberg B, et al. **J Am Chem Soc 95:2734-5, 18 Apr 73**

Calf thymus lysine- and serine-rich histone. II. Chymotryptic and thermolysin peptides. Hayashi H, et al. **J Biochem (Tokyo) 72:327-56, Aug 72**

3-Acetoxy-1-acetyl-5-methylpyrazole, a novel acetylating reagent of protein. Irie M, et al. **J Biochem (Tokyo) 72:65-72, Jul 72**

Hydrolysis of amino acid ester derivatives by alkaline proteinase C of pronase. Narahashi Y. **J Biochem (Tokyo) 71:1077-80, Jun 72**

Fluorometric and spectrophotometric studies on the binding of sulfonphthalein dyes to proteins. Nishikimi M, et al. **J Biochem (Tokyo) 72:1237-44, Nov 72**

Studies on soybean trypsin inhibitors. IV. Complete amino acid sequence and the anti-proteinase sites of Bowman-Birk soybean proteinase inhibitor. Odani S, et al. **J Biochem (Tokyo) 71:839-48, May 72**

Studies on soybean trypsin inhibitors. 3. Isolation and sequence determination of the tryptic peptides of Bowman-Birk soybean proteinase inhibitor. Odani S, et al. **J Biochem (Tokyo) 71:831-8, May 72**

Amino acid sequence of a human kappa type Bence-Jones protein. II. Chymotryptic peptides and sequence of protein NI. Shinoda T. **J Biochem (Tokyo) 73:433-46, Feb 73**

Primary structure of human fibrinogen and fibrin. II. Structural studies on NH2-terminal part of gamma chain. Blombäck B, et al. **J Biol Chem 248:5806-20, 25 Aug 73**

COOH-terminal amino acid sequence of histidinol dehydrogenase from a Salmonella typhimurium mutant. Bruni CB, et al. **J Biol Chem 247:6671-8, 25 Oct 72**

Histone 3. 3. Sequence studies on the cyanogen bromide peptides; complete amino acid sequence of calf thymus histone 3. DeLange RJ, et al. **J Biol Chem 248:3261-74, 10 May 73**

Acetyl coenzyme A carboxylase. Proteolytic modification of biotin carboxyl carrier protein. Fall RR, et al. **J Biol Chem 248:2078-88, 25 Mar 73**

The stimulation of rat liver phenylalanine hydroxylase by lysolecithin and -chymotrypsin. Fisher DB, et al. **J Biol Chem 248:4345-53, 25 Jun 73**

Tetrahydropterin oxidation without hydroxylation catalyzed by rat liver phenylalanine hydroxylase. Fisher DB, et al. **J Biol Chem 248:4300-4, 25 Jun 73**

On the stability of bovine superoxide dismutase. The effects of metals. Forman HJ, et al. **J Biol Chem 248:2645-9, 25 Apr 73**

Histone 3. IV. Amino acid sequence of histone 3 of the testes of the carp, Letiobus bubalus. Hooper JA, et al. **J Biol Chem 248:3275-9, 10 May 73**

Histone 3. II. Isolation and sequences of chymotryptic peptides from calf thymus histone 3. Hooper JA, et al. **J Biol Chem 248:3255-60, 10 May 73**

D-Serine dehydratase from Escherichia coli. IV. Comparative sequences of pyridoxylpeptides derived from the active site and from an inhibitory site of the enzyme. Huang YZ, et al. **J Biol Chem 247:7358-64, 25 Nov 72**

The preparation and characterization of an active derivative of bovine pancreatic deoxyribonuclease A formed by selective cleavage with alpha-chymotrypsin. Hugli TE. **J Biol Chem 248:1712-8, 10 Mar 73**

Amino acid sequence studies with the tryptophan synthetase chain of Salmonella typhimurium. Li SL, et al. **J Biol Chem 248:1830-6, 10 Mar 73**

Human carbonic anhydrases. XI. The complete primary structure of carbonic anhydrase B. Lin KT, et al. **J Biol Chem 248:1885-93, 25 Mar 73**

Proteins of the thermophilic fungus Humicola lanuginosa. I. Isolation and amino acid sequence of a cytochrome C. Morgan WT, et al. **J Biol Chem 247:6555-65, 25 Oct 72**

A comparative study of spin-labeled serine enzymes: acetylcholinesterase, trypsin, -chymotrypsin, elastase, and subtilisin. Morrisett JD, et al. **J Biol Chem 247:7224-31, 25 Nov 72**

Lac repressor. Specific proteolytic destruction of the NH 2 -terminal region and loss of the deoxyribonucleic acid-binding activity. Platt T, et al. **J Biol Chem 248:110-21, 10 Jan 73**

Bovine pancreatic deoxyribonuclease A. Isolation, composition, and amino acid sequences of the tryptic and chymotryptic peptides. Salnikow J, et al. **J Biol Chem 248:1480-8, 25 Feb 73**

Bovine pancreatic deoxyribonucleases A and C. A proline for histidine substitution in deoxyribonuclease C. Salnikow J, et al. **J Biol Chem 248:1499-501, 10 Mar 73**

A form of reduced nicotinamide adenine dinucleotide-cytochrome b 5 reductase containing both the catalytic site and an additional hydrophobic membrane-binding segment. Spatz L, et al. **J Biol Chem 248:793-9, 10 Feb 73**

Studies on the conversion of proinsulin to insulin. II. Evidence for a chymotrypsin-like cleavage in the connecting peptide region of insulin precursors in the rat. Tager HS, et al. **J Biol Chem 248:3476-82, 25 May 73**

Primary structures of the proinsulin connecting peptides of the rat and the horse. Tager HS, et al. **J Biol Chem 247:7936-40, 25 Dec 72**

The amino acid sequence of bovine adrenodoxin. Tanaka M, et al. **J Biol Chem 248:1141-57, 25 Feb 73**

The primary structure of Peptostreptococcus elsdenii flavodoxin. Tanaka M, et al. **J Biol Chem 248:4354-66, 25 Jun 73**

Amino acid sequence of the center of the arginine-lysine-rich histone from calf thymus. The total sequence. Yeoman LC, et al. **J Biol Chem 247:6018-23, 10 Oct 72**

Transition state charge distribution in reactions of an acetyltyrosylchymotrypsin intermediate. Zeeberg B, et al. **J Biol Chem 248:5887-91, 25 Aug 73**

Partial purification of plasma thromboplastin antecedent (factor XI) and its activation by trypsin. Saito H, et al. **J Clin Invest 52:850-61, Apr 73**

Inactivation of pineal antigonadotrophin by proteolytic enzymes. Matthews MJ, et al. **J Endocrinol 56:339-40, Feb 73**

Banding patterns in human chromosomes: production by proteolytic enzymes. Lee CL, et al. **J Hered 63:296-7, Sep-Oct 72**

Guinea pig lymphotoxin (LT). II. Physicochemical properties of LT produced by lymphocytes stimulated with antigen or concanavalin A: its differentiation from migration-inhibitory factor (MIF). Coyne JA, et al. **J Immunol 110:1630-7, Jun 73**

New substrates for a pancreatic exocrine function test. DeBenneville PL, et al. **J Med Chem 15:1098-100, Nov 72**

Structure of crystalline -chymotrypsin. V. The atomic structure of tosyl- -chymotrypsin at 2 A resolution. Birktoft JJ, et al. **J Mol Biol 68:187-240, 21 Jul 72**

A model for the association of bovine pancreatic

trypsin inhibitor with chymotrypsin and trypsin. Blow DM, et al. J Mol Biol 69:137-44, 14 Aug 72

Conformation of twisted beta-pleated sheets in proteins. Chothia C. J Mol Biol 75:295-302, 5 Apr 73

Structural and functional role of leucine residues in proteins. Chou PY, et al. J Mol Biol 74:263-81, 5 Mar 73

Mass of protein in the asymmetric unit of hexon crystals--a new method. Cornick G, et al. J Mol Biol 73:533-8, 5 Feb 73

The charge relay system in chymotrypsin and chymotrypsinogen. Fersht AR, et al. J Mol Biol 74:137-49, 25 Feb 73

Determination of the ionization constants and reactivities of the amino-termini of -chymotrypsin. Kaplan H. J Mol Biol 72:153-62, 14 Dec 72

High resolution nuclear magnetic resonance study of the histidine--aspartate hydrogen bond in chymotrypsin and chymotrypsinogen. Robillard G, et al. J Mol Biol 71:507-11, 14 Nov 72

Structure of crystalline methyl-chymotrypsin. Wright CS, et al. J Mol Biol 63:295-303, 28 Jan 72

Oligonucleotide synthesis. 3. Enzymatically removable acyl protecting groups. Taunton-Rigby A. J Org Chem 38:977-85, 9 Mar 73

The influence of some aliphatic alcohols on the enzymic hydrolysis of methyl hippurate. Dickinson NA, et al. J Pharm Pharmacol 24:631-6, Aug 72

Theoretical behavior of interacting protein systems in density gradients at sedimentation equilibrium. Howlett GJ, et al. J Phys Chem 77:1250-8, 10 May 73

Reovirus: effect of noninfective viral components on cellular deoxyribonucleic acid synthesis. Hand R, et al. J Virol 11:223-31, Feb 73

Incorporation of in vitro synthesized reovirus double-stranded ribonucleic acid into virus corelike particles. Sakuma S, et al. J Virol 10:943-50, Nov 72

Transcription by infectious subviral particles of reovirus. Shatkin AJ, et al. J Virol 10:698-706, Oct 72

Isolation of an infectious ribonucleoprotein from vesicular stomatitis virus containing an active RNA transcriptase. Szilágyi JF, et al. J Virol 11:279-86, Feb 73

Effect of the polar functional group in aliphatic compounds on their complex formation with the active center in -chymotrypsin. Levashov AV, et al. Mol Biol 6:418-20, Jul-Aug 72

Conformational states of amino acid residues in proteins. Side chains. Lipkind GM, et al. Mol Biol 5:532-42, Sep-Oct 71

Connective between parameters of fluorescence and protein structure. Ostashevskii IY. Mol Biol 6:1-9, Jan-Feb 72

Spectroscopic investigation of the interaction of -chymotrypsin with proflavin. Samokish VA, et al. Mol Biol 5:567-72, Sep-Oct 71

Chromophoric labels in proteins. I. Optical and luminescent properties of nitrochymotrypsin and nitrochymotrypsinogen. Surovaya AN, et al. Mol Biol 6:85-90, Jan-Feb 72

Position of the fluorescence spectrum maxima of external tryptophan residues in proteins. Vedenkina NS, et al. Mol Biol 6:375-7, Jul-Aug 72

Local and general conformational stability of chymotrypsin. II. Denaturation of urea. Vorotyntseva TI, et al. Mol Biol 6:49-51, Jan-Feb 72

Interaction of leuco-carbinol of brilliant green with active center of -chymotrypsin. Zarfolomeev SD, et al. Mol Biol 6:118-22, Jan-Feb 72

Structure of haemoglobin Seattle. Kurachi S, et al. Nature [New Biol] 243:275-6, 27 Jun 73

Primary structure of somatostatin, a hypothalamic peptide that inhibits the secretion of pituitary growth hormone. Burgus R, et al. Proc Natl Acad Sci USA 70:684-8, Mar 73

Mouse lambda-chain sequences. Cesari IM, et al. Proc Natl Acad Sci USA 70:2112-6, Jul 73

Collagen and procollagen production by a clonal line of Schwann cells. Church RL, et al. Proc Natl Acad Sci USA 70:1943-6, Jul 73

The reverse turn as a polypeptide conformation in globular proteins. Crawford JL, et al. Proc Natl Acad Sci USA 70:538-42, Feb 73

Nucleation, rapid folding, and globular intrachain regions in proteins. Wetlaufer DB. Proc Natl Acad Sci USA 70:697-701, Mar 73

Resistance to proteolytic degradation of myelin basic protein adsorbed on resin. Gruenewald R, et al. Proc Soc Exp Biol Med 143:750-2, Jul 73

X-ray studies of crystalline proteins. Blake CC. Prog Biophys Mol Biol 25:85-130, 1972 (79 ref.)

Conformation measurements on bovine trypsin and alpha-chymotrypsin during photodynamic inactivation. Hopkins TR, et al. Radiat Res 53:315-25, Feb 73

Further studies on the antigenicity of some injectable tissue extracts. Cîrstea M, et al. Rev Roum Physiol 9:323-8, 1972

Werner's syndrome: clinical features and cataract surgery. Bristow JH, et al. S Afr Med J 47:566-9, 7 Apr 73

Primary structure of neocarzinostatin, an antitumor protein. Meienhofer J, et al. Science 178:875-6, 24 Nov 72

Exposure of proteins and lipids in the Semliki forest virus membrane. Gahmberg CG, et al. Virology 50:259-62, Oct 72

Temperature-sensitive mutants of reovirus. 3. Evidence that mutants of group D ("RNA-negative") are structural polypeptide mutants. Ito Y, et al. Virology 50:282-6, Oct 72

Studies on the nature and location of the capsid polypeptides of vaccinia virions. Sarov I, et al. Virology 50:579-92, Nov 72

Synthesis of reovirus double-stranded RNA within virionlike particles. Zweerink HJ, et al. Virology 50:349-58, Nov 72

Recent advances in the chemistry of covalently bound flavin coenzymes. Kenney WC, et al. Z Naturforsch [B] 27:1069-71, Sep 72

[Application of affinity chromatography to the isolation of antigenic fractions of Aspergillus fumigatus which support chymotrypsic activity] Bout D, et al. C R Acad Sci [D] (Paris) 276:2341-4, 9 Apr 73 (Fre)

[Comparative study of the primary structure of human B and C and bovine C erythrocytic carbonic anhydrases] Laurent G, et al. C R Acad Sci [D] (Paris) 676:827-30, 29 Jan 73 (Fre)

[Primary structure of bovine kappa B casein. Complete sequence] Mercier JC, et al. Eur J Biochem 35:222-35, Jun 73 (Eng. Abstr.) (Fre)

[Inhibition of carboxylesterase from pig liver by substrate-analogue alkylating agents and amino-group specific reagents] Heymann E, et al. Hoppe Seylers Z Physiol Chem 353:835-8, May 72 (Eng. Abstr.) (Ger)

[Studies on the conformation transformation of chymotrypsin] Klump H. Hoppe Seylers Z Physiol Chem 353:724-5, May 72 (Ger)

[Demonstration of acyl intermediary products in enzymatic reactions and model reactions using reaction spectra. Extinction differences (ED) and extinction difference quotient (EDQ) diagrams] Lachmann H, et al. Hoppe Seylers Z Physiol Chem 353:730-1, May 72 (Ger)

[Enzymatic control of false-sequence peptide mixtures from peptide syntheses in the wet phase] Pfaender P, et al. Hoppe Seylers Z Physiol Chem 353:743, May 72 (Ger)

[The primary structure of a monoclonal IgG1 immunoglobulin (myeloma protein Nie). II. Amino acid sequence of the constant part of the H-chain, localization of genetic factors] Ponstingl H, et al. Hoppe Seylers Z Physiol Chem 353:1369-72, Aug 72 (Eng. Abstr.) (Ger)

[Molecular evolution of proteolytic enzymes] Pfleiderer G, et al. Naturwissenschaften 59:396-405, Sep 72 (Eng. Abstr.) (Ger)

[On the antigenicity of some injectable tissue extracts. II] Cirstea M, et al. Fiziol Norm Patol 19:157-64, Mar-Apr 73 (Eng. Abstr.) (Rum)

[Effect of temperature on the ESR spectrum of an iminoxyl radical inserted into the active site of alpha-chymotrypsin] Grigorian GL, et al. Biofizika 17:692-3, Jul-Aug 72 (Eng. Abstr.) (Rus)

[Steric, induced and specific effects during deacylation of acyl- -chymotrypsins--derivatives of aliphatic carboxylic acids] Martinek K, et al. Biokhimiia 37:1245-50, Nov-Dec 72 (Eng. Abstr.) (Rus)

[Complete amino acid sequence in the molecule of porcine beta-lipotropin] Pankov IuA, et al. Biokhimiia 37:991-1004, Sep-Oct 72 (Eng. Abstr.) (Rus)

[Effect of high pressure on the stereospecificity of enzyme reactions] Prokhorova NI, et al. Biokhimiia 37:742-7, Jul-Aug 72 (Eng. Abstr.) (Rus)

[Effect of competitive inhibitors and pH on the thermal denaturation of -chymotrypsin covalently bound to

carboxymethylcellulose] Surovtsev VI, et al. **Biokhimiia 37:1139-43, Nov-Dec 72 (Eng. Abstr.) (Rus)**

[Conformational state of alpha-chymotrypsin in solution and in the enzyme active center] Antonov VK. **Dokl Akad Nauk SSSR 205:839-42, 1 Aug 72 (Rus)**

[Use of optical activity reference points of alpha-, beta- and unordered forms of polypeptide chains in the analysis of the optical rotatory dispersion of globular proteins] Bozhkov VM, et al. **Dokl Akad Nauk SSSR 206:475-8, 11 Sep 72 (Rus)**

[Feedback between primary and secondary structures of globular proteins] Finkel'shteĭn AV. **Dokl Akad Nauk SSSR 207:1486-9, 21 Dec 72 (Rus)**

[Interaction of glycols and glycerin with the active center of trypsin and chymotrypsin] Mosolov VV, et al. **Dokl Akad Nauk SSSR 207:228-31, 1 Nov 72 (Rus)**

[Kinetics and the mechanism of interaction of rhodamine 6G with the active center of alpha-chymotrypsin] Varfolomeev SD, et al. **Mol Biol 7:115-23, Jan-Feb 73 (Eng. Abstr.) (Rus)**

[Kinetic characteristics of biological catalysis and the dynamic structure of enzymes] Likhtenshteĭn GI, et al. **Usp Sovrem Biol 75:26-45, Jan-Feb 73 (91 ref.) (Rus)**

[Protein structure and optical activity] Usmanov RA, et al. **Usp Sovrem Biol 75:6-25, Jan-Feb 73 (77 ref.) (Rus)**

ADMINISTRATION & DOSAGE

Enhancement of brain L-dopa concentration with -chymotrypsin. Seneca H, et al. **J Am Geriatr Soc 21:256-8, Jun 73**

[Potentiation of the anti-inflammatory effects of phenylbutazone and chymotrypsin complex in M1540 ointment] Sardal J, et al. **Therapie 27:473-81, May-Jun 72 (Eng. Abstr.) (Fre)**

[Proper use of zonulolysis in cataract extraction] Arkin W. **Klin Oczna 42:1027-31, 1972 (Eng. Abstr.) (Pol)**

[The effects of the proteolytic enzymes trypsin and chymopsin on intervertebral disks under experimental conditions] Avakian AV. **Eksp Khir Anesteziol 17:23-5, Sep-Oct 72 (Eng. Abstr.) (Rus)**

[Treatment of purulant diseases of the fingers and hands] Geller AN. **Vestn Khir 108:76-7, Sep 72 (Eng. Abstr.) (Rus)**

[Comparative evaluation of different methods of administration of chymotrypsin in adhesive processes of the middle ear in children] Egorov LV, et al. **Vestn Otorinolaringol 35:38-41, Mar-Apr 73 (Eng. Abstr.) (Rus)**

[Method of performing and use of a microtracheostoma in the treatment of bronchial tuberculosis] Strelis AK. **Vrach Delo 7:88-90, Jul 72 (Eng. Abstr.) (Rus)**

ADVERSE EFFECTS

Intraocular pressure after cataract extraction: effects of alpha chymotrypsin. Lantz JM, et al. **Can J Ophthalmol 8:339-43, Apr 73**

Prevention of retinal detachment in high myopic aphakic eyes. Treister G. **Isr J Med Sci 8:1434-8, Aug-Sep 72**

[Irvine-Gass syndrome. IV. Etiology. V. Pathogenesis. VI. Treatment] Bonnet M. **Arch Ophtalmol (Paris) 32:801-14, Dec 72 (Eng. Abstr.) (Fre)**

[Some problems of cataract surgery] Kirisawa N. **Acta Soc Ophthalmol Jap 77:265-72, 1973 (Eng. Abstr.) (Jap)**

ANALYSIS

Hydrolytic activity of the perilymph in otosclerosis. A preliminary report. Chevance LG, et al. **Acta Otolaryngol (Stockh) 74:23-8, Jul-Aug 72**

Diagnosis of pancreatic exocrine insufficiency by fecal chymotrypsin activity. Moeller DD, et al. **Am J Dig Dis 18:792-6, Sep 73**

Inhibitory action of alcohol on human exocrine pancreatic secretion. Mott C, et al. **Am J Dig Dis 17:902-10, Oct 72**

Studies on uterine flushings in the baboon. II. The effect of an intrauterine contraceptive device on certain biochemical parameters. Peplow V, et al. **Am J Obstet Gynecol 116:780-4, 15 Jul 73**

Aromatic thiol esters as substrates in quantitative esterase determinations. Augustinsson KB, et al. **Anal Biochem 48:428-36, Aug 72**

Simultaneous detection of trypsin and chymotrypsin with p-nitroanilide substrates on cellulose acetate electropherograms. Gertler A, et al. **Anal Biochem 54:270-1, Jul 73**

A method for the assay of chymotrypsin in crude biological materials. Imondi AR, et al. **Anal Biochem 54:199-204, Jul 73**

An improvement in the Hummel chymotrypsin assay. Kang SH, et al. **Anal Biochem 54:262-5, Jul 73**

A method for automated analyses of the activities of trypsin, chymotrypsin and their inhibitors. Stewart KK. **Anal Biochem 51:11-8, Jan 73**

An automated rate analysis of lipase, trypsin, and chymotrypsin reactions by constant pH titration. Vandermeers A, et al. **Anal Biochem 42:437-45, Aug 71**

Sedimentation equilibrium studies of human chymotrypsin II and bovine -chymotrypsin. Hall PK, et al. **Arch Biochem Biophys 154:160-5, Jan 73**

ESR probing of macromolecules: spin-labeling of the active sites of the proteolytic serine enzymes. Hsia JC, et al. **Arch Biochem Biophys 149:441-51, Apr 72**

ESR probing of macromolecules: spin label study of the conformational integrity and transitions in modified alpha-chymotrypsin. Kosman DJ, et al. **Arch Biochem Biophys 149:452-60, Apr 72**

Implications of the chemical modification of chymotrypsin. Grey SM, et al. **Biochem Biophys Res Commun 52:687-95, 15 May 73**

Determination of the operational molarity of solutions of bovine alpha-chymotrypsin, trypsin, thrombin and factor Xa by spectrofluorimetric titration. Jameson GW, et al. **Biochem J 131:107-17, Jan 73**

The mechanism of histamine release from mast cells. Lagunoff D. **Biochem Pharmacol 21:1889-96, 15 Jul 72**

Alkyl isocyanates as active-site-specific reagents for serine proteases. Identification of the active-site serine as the site of reaction. Brown WE, et al. **Biochemistry 12:835-40, 27 Feb 73**

Bovine factor X 1a (activated Stuart factor). Evidence of homology with mammalian serine proteases. Titani K, et al. **Biochemistry 11:4899-903, 19 Dec 72**

Inactivation of alpha-chymotrypsin by a bifunctional reagent, 2-bromomethyl-3, I-benzoxazin-4-one. Alazard R, et al. **Biochim Biophys Acta 309:379-96, 6 Jun 73**

Detection of proteolytic activity after isoelectric focusing in polyacrylamide gel. Arvidson S, et al. **Biochim Biophys Acta 310:418-20, 15 Jun 73**

Chain reversals in proteins. Lewis PN, et al. **Biochim Biophys Acta 303:211-29, 20 Apr 73**

A comparison of fractions prepared from navy (haricot) beans (Phaseolus vulgaris L.) in diets for germ-free and convential chicks. Hewitt D, et al. **Br J Nutr 29:423-35, May 73**

Simple automated spectrophotometric method for assay of trypsin and chymotrypsin in duodenal juice. Vandermeers A, et al. **Clin Chem 18:1514-7, Dec 72**

The influence of the gonad on the degeneration of the intestine in migrating river lampreys: Lampetra fluviatilis L. (Cyclostomata). Dockray GJ, et al. **Comp Biochem Physiol [A] 43:279-86, 1 Oct 72**

Functional development of the bovine exocrine pancreas. Track NS, et al. **Comp Biochem Physiol [A] 44:1101-4, 1 Apr 73**

Enzymatic and ultrastructural development of the bovine exocrine pancreas. Track NS, et al. **Comp Biochem Physiol [B] 43:313-22, 15 Oct 72**

Stimulation of pancreatic secretion of enzymes by acute hypercalcaemia in man. Goebell H, et al. **Eur J Clin Invest 3:98-104, Mar 73**

Intraductal activation of pancreatic zymogens behind a carcinoma of the pancreas. Allan BJ, et al. **Gastroenterology 65:412-8, Sep 73**

Lactase and other enzymes bound to a phenol-formaldehyde resin with glutaraldehyde. Olson AC, et al. **J Agric Food Chem 21:440-5, May-Jun 73**

Specificity-determining site of alpha-chymotrypsin. 3. Inactivation of alpha-chymotrypsin by p-diazo-N-acetyl-L-phenylalanine methyl ester. Yoshida N, et al. **J Biochem (Tokyo) 73:1175-83, Jun 73**

Preparation and kinetic properties of a new form of chymotrypsin which is active at alkaline pH: 1 -chymotrypsin. Valenzuela P, et al. **J Biol Chem 248:4909-14, 25 Jul 73**

Two convenient spectrophotometric enzyme assays. A biochemistry experiment in kinetics. Hurlbut JA, et al. **J Chem Educ 50:149-51, Feb 73**

Rapid analytical gel chromatography. II. Sensitivity of

protein detection by ultraviolet absorbance at 220 nm. Catsimpoolas N, et al. **J Chromatogr** 71:573-5, 20 Sep 72

Trypsin-like nature of the pancreatic factor that corrects vitamin B12 malabsorption associated with pancreatic dysfunction. Toskes PP, et al. **J Clin Invest** 52:1660-4, Jul 73

Trypsin-like nature of the pancreatic factor that corrects vitamin B 12 malabsorption associated with pancreatic dysfunction. Toskes PP, et al. **J Clin Invest** 22:1660-4, Jul 73

Determination of the ionization constants and reactivities of the amino-termini of -chymotrypsin. Kaplan H. **J Mol Biol** 72:153-62, 14 Dec 72

Fecal chymotrypsin: a reliable index of exocrine pancreatic function in children. Bonin A, et al. **J Pediatr** 83:594-600, Oct 73

Effect of Ascaridia galli on lumen activity of enzymes in the intestine of chicks. Hurwitz S, et al. **Poult Sci** 51:1462-3, Jul 72

The effect of forced feeding and of dietary protein level on enzymes associated with digestion, protein and carbohydrate metabolism in geese. Nitsan Z, et al. **Poult Sci** 52:474-81, Mar 73

[Preliminary biochemical data on venom glands of Glycera convoluta Keferstein (Annelida, Polychaeta)] Michel C, et al. **C R Soc Biol (Paris)** 166:853-7, 1972 **(Fre)**

[Antigenic extracts of micropolyspora faeni. Effect of various factors on their quality; study of a total extract prepared in optimal conditions] Walbaum S, et al. **Rev Immunol (Paris)** 36:145-54, Jul-Sep 72 (Eng. Abstr.) **(Fre)**

[Exocrine pancreas function in chromium enteropathy. Functional and follow-up study on 7 patients] Güller R, et al. **Dtsch Med Wochenschr** 98:1268-70, 22 Jun 73 (Eng. Abstr.) **(Ger)**

[Functional diagnostics of the exocrine pancreas] Domschke W, et al. **Leber Magen Darm** 2:91-2, Apr 72 (Eng. Abstr.) **(Ger)**

ANTAGONISTS & INHIBITORS

The effects of peptide-precipitating lignosulphonic acids on the in vitro proteolytic activity of some animal and microbial proteinases. Naess B, et al. **Acta Vet Scand** 14:107-17, 1973

A method for automated analyses of the activities of trypsin, chymotrypsin and their inhibitors. Stewart KK. **Anal Biochem** 51:11-8, Jan 73

Sedimentation equilibrium studies of human chymotrypsin II and bovine -chymotrypsin. Hall PK, et al. **Arch Biochem Biophys** 154:160-5, Jan 73

ESR probing of macromolecules: spin label study of the conformational integrity and transitions in modified alpha-chymotrypsin. Kosman DJ, et al. **Arch Biochem Biophys** 149:452-60, Apr 72

Human skin proteases. Fräki JE, et al. **Arch Dermatol Forsch** 243:153-63, 1972

Implications of the chemical modification of chymotrypsin. Grey SM, et al. **Biochem Biophys Res Commun** 52:687-95, 15 May 73

Naturally occurring crystals in the potato: isolation and identification as a protein. Hoff JE, et al. **Biochem Biophys Res Commun** 49:1525-9, 18 Dec 72

Peptide aldehydes inhibiting chymotrypsin. Ito A, et al. **Biochem Biophys Res Commun** 49:343-9, 17 Oct 72

Inactivation of the first component of human complement by m-(o-(2-chloro-5-fluorosulfonylphenylureido)-phenoxybutoxy)benzamidine. Bing DH, et al. **Biochemistry** 11:4263-8, 7 Nov 72

Alkyl isocyanates as active-site-specific reagents for serine proteases. Identification of the active-site serine as the site of reaction. Brown WE, et al. **Biochemistry** 12:835-40, 27 Feb 73

Demonstration of the acyl-enzyme mechanism for the hydrolysis of peptides and anilides by chymotrypsin. Fastrez J, et al. **Biochemistry** 12:2025-34, 22 May 73

Leaving group specificity in the chymotrypsin-catalyzed hydrolysis of peptides. A stereochemical interpretation. Fersht AR, et al. **Biochemistry** 12:2035-41, 22 May 73

Low pH dimerization behavior of active-site derivatives of bovine -chymotrypsin. Horbett TA, et al. **Biochemistry** 12:1349-58, 27 Mar 73

Kinetics of the reaction of chymotrypsin A with peptide chloromethyl ketones in relation to its subsite specificity. Kurachi K, et al. **Biochemistry** 12:771-7, Feb 73

Inactivation of alpha-chymotrypsin by a bifunctional reagent, 2-bromomethyl-3, I-benzoxazin-4-one. Alazard R, et al. **Biochim Biophys Acta** 309:379-96, 6 Jun 73

Interaction between proteases and bovine erythrocyte membranes. Burkholder DE, et al. **Biochim Biophys Acta** 282:135-45, 1 Sep 72

Pyrrolooxygenase: its action on tryptophan-containing enzymes and peptides. Frydman RB, et al. **Biochim Biophys Acta** 284:80-9, 19 Sep 72

Proteases of macrophages in rat peritoneal exudate, with special reference to the effects of actinomycete protease inhibitors. Kato T, et al. **Biochim Biophys Acta** 289:187-93, 10 Nov 72

On subunit II of bovine procarboxypeptidase A. Enzymatic specificity after tryptic activation. Keil-Dlouha V, et al. **Biochim Biophys Acta** 276:531-5, 28 Aug 72

Inhibitory effects of omega-amino and omego-guanidino acid esters on the first component of human complement. Muramatu M, et al. **Biochim Biophys Acta** 285:224-34, 28 Nov 72

An investigation of the role of intraluminal proteolytic enzymes and intracellular enzyme inhibitors in ulcerative colitis. Goldberg DM, et al. **Br J Exp Pathol** 53:359-73, Aug 72

Reduction and reactivation of the Bowman-Birk soybean inhibitor. Hogle JM, et al. **Can J Biochem** 51:1014-20, Jul 73

Formaldehyde as an active site label of -chymotrypsin. Martin CJ, et al. **Can J Biochem** 50:1114-21, Oct 72

Lima bean protease inhibitor: reduction and reoxidation of the disulfide bonds and their reactivity in the trypsin-inhibitor complex. Stevens FC, et al. **Can J Biochem** 51:1021-8, Jul 73

The inhibition by carbenoxolone sodium of individual human pepsinogens and pepsins. Roberts NB, et al. **Clin Sci** 44:6P-7P passim, Feb 73

Spectrophotometric and structural evidence as to the mechanism of portease catalysis at chemical bonding resolution. Bernhard SA, et al. **Cold Spring Harbor Symp Quant Biol** 36:75-83, 1971

Conformational equilibria and the salt bridge in chymotrypsin. Fersht AR. **Cold Spring Harbor Symp Quant Biol** 36:71-3, 1971

-Chymotrypsin: what can we learn about catalysis from x-ray diffraction? Henderson R, et al. **Cold Spring Harbor Symp Quant Biol** 36:63-70, 1971

The stereochemistry of substrate binding to chymotrypsin A . Segal DM, et al. **Cold Spring Harbor Symp Quant Biol** 36:85-90, 1971

Trypsin inhibitors and chymotrypsin inhibitors in the sera of some animals. Nakamura S, et al. **Comp Biochem Physiol [B]** 41:201-15, 15 Jan 72

The inhibition of trypsin and some other proteases by ovorubin, a protein from the eggs of Pomacea canaliculata. Norden DA. **Comp Biochem Physiol [B]** 42:569-76, 15 Aug 72

A mosquito-chymotrypsin inhibitor in tissues of adult Aedes aegypti. Yang YJ, et al. **Comp Biochem Physiol [B]** 43:137-41, 15 Sep 72

Inactivation of alpha-chymotrypsin by a bifunctional reagent, 3,4-dihydrc-3,4-dibromo-6-bromomethylcoumarin. Béchet JJ, et al. **Eur J Biochem** 35:527-39, 15 Jun 73

The effect of limited proteolysis of chicken ovoinhibitor by bovine chymotrypsin on the inhibitory activities against trypsin, chymotrypsin and elastase. Feinstein G, et al. **Eur J Biochem** 31:25-31, 21 Nov 72

Esterase activity of chymotrypsin on oxygen-substituted tyrosine substrates. Kundu N, et al. **Eur J Biochem** 28:311-5, 24 Jul 72

Broad-specificity protease-isoinhibitors for trypsin, chymotrypsin, plasmin and kallikrein from snails (Helix pomatia). Isolation, inhibition characteristics and amino-acid composition. Tschesche H, et al. **Eur J Biochem** 30:560-70, 7 Nov 72

Inhibition of keratinases by 2 -macroglobulin. Yu RJ, et al. **Experientia** 28:886, 15 Aug 72

Aprotinin, a carbohydrate-binding protein. Stoddart RW, et al. **Histochemie** 34:275-80, 26 Mar 73

Competitive inhibition of Sephadex-bound chymotrypsin and trypsin. Carlsson J, et al. **Hoppe Seylers Z Physiol Chem** 353:1850-4, Dec 72

Effect of trichloroacetate ion on the proteolytic activity of chymotrypsin, trypsin & pepsin. Sagar AJ, et al. **Indian J Biochem Biophys** 9:52-4, Mar 72

[Specific fluorescent derivatives of macromolecules. Synthesis and characterization of N-alpha-dansyl-L-phenylalanyl-chymotrypsino (His-57)-methane and N-alpha-dansyl-L-lysyl-trypsino (His-46)-methane. Schoellmann G.
Int J Pept Protein Res 4:221-7, 1972

Studies on kallikrein inhibitors from potatoes. V. Characterization of two isolated inhibitors. Hojima Y, et al. J Biochem (Tokyo) 73:933-43, May 73

Identification of the reactive site of potato proteinase inhibitor II-a. Iwasaki T, et al.
J Biochem (Tokyo) 73:1039-48, May 73

Chemical and physicochemical characterization of potato proteinase inhibitor I and comparison of its specificity with those of inhibitors II-a and II-b. Kiyohara T, et al. J Biochem (Tokyo) 73:89-95, Jan 73

Studies on soybean trypsin inhibitors. IV. Complete amino acid sequence and the anti-proteinase sites of Bowman-Birk soybean proteinase inhibitor. Odani S, et al. J Biochem (Tokyo) 71:839-48, May 72

Specificity-determining site of alpha-chymotrypsin. 3. Inactivation of alpha-chymotrypsin by p-diazo-N-acetyl-L-phenylalanine methyl ester. Yoshida N, et al. J Biochem (Tokyo) 73:1175-83, Jun 73

Preparation and kinetic properties of a new form of chymotrypsin which is active at alkaline pH: 1 -chymotrypsin. Valenzuela P, et al.
J Biol Chem 248:4909-14, 25 Jul 73

Isolation of three isoinhibitors of trypsin from garden bean, Phaseolus vulgaris, having either lysine or arginine at the reactive site. Wilson KA, et al.
J Biol Chem 248:756-62, 10 Feb 73

Cleavage of viral precursor proteins in vivo and in vitro. Korant BD. J Virol 10:751-9, Oct 72

Inhibition of cleavage of large poliovirus-specific precursor proteins in infected HeLa cells by inhibitors of proteolytic enzymes. Summers DF, et al.
J Virol 10:880-4, Oct 72

Effect of the polar functional group in aliphatic compounds on their complex formation with the active center in -chymotrypsin. Levashov AV, et al.
Mol Biol 6:418-20, Jul-Aug 72

Noncovalent bonding of the competitive inhibitor -naphthol to -chymotrypsin. Levashov AV, et al.
Mol Biol 5:154-8, Mar-Apr 71

Chromophoric labels in proteins. I. Optical and luminescent properties of nitrochymotrypsin and nitrochymotrypsinogen. Surovaya AN, et al.
Mol Biol 6:85-90, Jan-Feb 72

Interaction of leuco-carbinol of brilliant green with active center of -chymotrypsin. Zarfolomeev SD, et al.
Mol Biol 6:118-22, Jan-Feb 72

Chemistry of enzyme inhibitors of microbial origin. Umezawa H. Pure Appl Chem 33:129-44, 1973 (32 ref.)

Plasma proteins after use of estrogen and-or progestogen in women with and without recurrent cholestasis during previous pregnancies. Jeppsson S, et al. Scand J Clin Lab Invest 31:33-6, Jan 73

Antigenic and immunological characteristics of tryptic and chymotryptic subfragments from the C 3 homology region of human immunoglobulin G. Turner MW, et al. Scand J Immunol 1:53-62, 1972

[Simultaneous determination of peroxidase, lysozyme and low molecular proteinase inhibitor in human nasal secretion] Reichert R, et al.
Arch Klin Exp Ohren Nasen Kehlkopfheilkd 203:109-14, 1972 (Eng. Abstr.) (Ger)

[Biochemistry and physiology of protease inhibitors in the respiratory tract] Reichert R, et al.
Arch Klin Exp Ohren Nasen Kehlkopfheilkd 202:376-9, 1972 (Ger)

[Behavior of chymotrypsin-like proteinase from human spermatozoa towards protein-proteinase inhibitors] Fritz H, et al.
Hoppe Seylers Z Physiol Chem 353:1651-3, Oct 72 (Eng. Abstr.) (Ger)

[Identification of organs of snails (Helix pomatia) synthetizing protease inhibitors] Tschesche H, et al.
Hoppe Seylers Z Physiol Chem 353:1189-93, Jul 72 (Eng. Abstr.) (Ger)

[The action of proteolytic enzymes of Clostridium histolyticum and Clostridium novyi on human plasma proteins] Schallehn G, et al.
Zentralbl Bakteriol [Orig A] 224:102-14, Jun 73 (Eng. Abstr.) (Ger)

[Serum proteinase inhibitor capacity during administration of the oral contraceptive Ovosiston] Duck HJ, et al.
Zentralbl Gynaekol 95:343-8, 9 Mar 73 (Ger)

BLOOD

Studies on kinin-forming activity in post-radiation sickness. I. Blood and tissues enzymatic activity. Kocmierska-Grodzka D.
Radiobiol Radiother (Berl) 13:443-52, 1972

[Renal and plasmatic chymotrypsin activity in rats after experimental poisoning with uranyl nitrate] Gravelin C, et al.
C R Soc Biol (Paris) 166:1307-9, 1972 (Fre)

[Measurement of neutral peptidase activity in leukocyte homogenate with carboxypropionylphenylalanine-p-nitranilide substrate] Kolarz G, et al.
Wien Med Wochenschr 123:62-5, 3 Feb 73 (Ger)

[Serum proteinase inhibitor capacity during administration of the oral contraceptive Ovosiston] Duck HJ, et al.
Zentralbl Gynaekol 95:343-8, 9 Mar 73 (Ger)

DIAGNOSTIC USE

Quantitative determination of serum triglycerides by the use of enzymes. Bucolo G, et al.
Clin Chem 19:476-82, May 73

ISOLATION & PURIFICATION

The isolation of N-acetyl-L-tryptophanyl- -chymotrypsin. Fink AL.
Arch Biochem Biophys 155:473-4, Apr 73

Protease inhibitors from Streptomyces violascens. 3. Purification and some properties of the inhibitors. Torstensson NT. Arch Mikrobiol 91:11-8, 8 Apr 73

The -chymotrypsin-catalyzed hydrolysis of N-acetyl-L-tryptophan p-nitrophenyl ester in dimethyl sulfoxide at subzero temperatures. Fink AL.
Biochemistry 12:1736-42, 24 Apr 73

Preparation and kinetic properties of a new form of chymotrypsin which is active at alkaline pH: 1 -chymotrypsin. Valenzuela P, et al.
J Biol Chem 248:4909-14, 25 Jul 73

METABOLISM

Studies on the role of protease inhibitor from potato bulbs in digesting protein food. Worowski K, et al.
Acta Physiol Pol 24:361-70, 1973

The role of pancreatic enzymes in digestion. Beck IT.
Am J Clin Nutr 26:311-25, Mar 73 (122 ref.)

Pancreatic hydrolases and the formation of a myocardial depressant factor in shock. Lefer AM, et al. Am J Physiol 223:1103-9, Nov 72

A method for the assay of chymotrypsin in crude biological materials. Imondi AR, et al.
Anal Biochem 54:199-204, Jul 73

An improvement in the Hummel chymotrypsin assay. Kang SH, et al. Anal Biochem 54:262-5, Jul 73

Aspects of laboratory tests for pancreatitis. Tenhunen R. Ann Chir Gynaecol Fenn 61:264-8, 1972

ESR probing of macromolecules: spin label study of the conformational integrity and transitions in modified alpha-chymotrypsin. Kosman DJ, et al.
Arch Biochem Biophys 149:452-60, Apr 72

Properties of interferon from mouse brains. Kolaczkowska MK.
Arch Immunol Ther Exp (Warsz) 21:453-9, 1973

Allosteric activation of chymotrypsin-catalyzed hydrolysis of specific substrates. Erlanger BF, et al.
Biochem Biophys Res Commun 52:208-15, 1 May 73

Specificity of -chymotrypsin. The -chymotrypsin-catalyzed hydrolysis of N-acylamino acid p-nitrophenyl esters. Béchet JJ, et al.
Biochemistry 12:2566-72, 3 Jul 73

Specificity of -chymotrypsin. Separation of polar, steric, and specific effects in the -chymotrypsin-catalyzed hydrolysis of acyl-substituted p-nitrophenyl esters. Dupaix A, et al.
Biochemistry 12:2559-66, 3 Jul 73

Control of conformation of -chymotrypsin through chemical modification. Taylor RP, et al.
Biochemistry 12:2933-40, 17 Jul 73

The activation of renin in human amniotic fluid by proteolytic enzymes. Morris BJ, et al.
Biochim Biophys Acta 289:385-91, 7 Dec 72

Inactivation of alpha- and beta-chymotrypin by intact Hymenolepis diminuta (Cestoda). Pappas PW, et al.
Biol Bull 143:605-16, Dec 72

Substrate requirements for angiotensin I conversion in

vivo and in vitro. Oparil S, et al.
Circ Res 32:415-23, Apr 73

Simple automated spectrophotometric method for assay of trypsin and chymotrypsin in duodenal juice. Vandermeers A, et al. **Clin Chem** 18:1514-7, Dec 72

The effect of hydrocortisone on exportable enzyme accumulation in the differentiating chick pancreas. Cohen A, et al. **Dev Biol** 29:293-306, Nov 72

Effect of secondary interaction on the enzymatic activity of subtilisin BPN': comparison with alpha-chymotrypsin, trypsin, and elastase. Morihara K, et al. **FEBS Lett** 33:54-6, 15 Jun 73

Effects of an elemental diet on the pancreatic proteases in the intestine of the mouse. Bounous G, et al. **Gastroenterology** 64:577-82, Apr 73

Synthetic peptides in the diagnosis of exocrine pancreatic insufficiency in animals. Imondi AR, et al.
Gut 13:726-31, Sep 72

Alpha-chymotrypsin and rigid substrates. Reactivity of some p-nitrophenyl 1,2,3,4-tetrahydro-2-naphthoates and indan-2-carboxylates. Matta MS, et al.
J Am Chem Soc 94:8573-8, 29 Nov 72

Comparative chemical study of alpha-and mu-chains from a single patient (SC). Seon BK, et al.
J Immunol 111:1285-7, Oct 73

New intermediate subviral particles in the in vitro uncoating of reovirus virions by chymotrypsin. Borsa J, et al. **J Virol** 11:552-64, Apr 73

Specific monovalent cation effects on modification of reovirus infectivity by chymotrypsin digestion in vitro. Borsa J, et al. **J Virol** 11:1017-9, Jun 73

Kinetic manifestations of the structure of the active center of -chymotrypsin on interacting with fragments of specific substrates. Martinek K, et al.
Mol Biol 5:278-86, May-Jun 71

Effect of ionic strength of the steady-state kinetics of -chymotrypsin-catalyzed reactions. Martinek K, et al.
Mol Biol 5:77-88, Jan-Feb 71

Intraductal activation of human pancreatic zymogens. Allan PJ, et al. **N Engl J Med** 288:266, 1 Feb 73

The amino-acid sequence of cytochrome c from Euglena gracilis. Pettigrew GW.
Nature 241:531-3, 23 Feb 73

Is binding the rate-limiting step in acylation of -chymotrypsin by specific substrates? Philipp M, et al.
Nature [New Biol] 241:44, 10 Jan 73

The amino-acid sequence at the carboxyl terminus of the maturation protein of bacteriophage MS2. Vandekerckhove J, et al.
Nature [New Biol] 241:102, 24 Jan 73

IgA synthesis by jejunal biopsies from patients with cystic fibrosis and hereditary pancreatitis. Falchuk ZM, et al. **Pediatrics** 51:49-54, Jan 73

The role of polyprenol-bound saccharides as intermediates in glycoprotein synthesis in liver. Parodi AJ, et al.
Proc Natl Acad Sci USA 69:3268-72, Nov 72

Amino-acid sequence of rabbit skeletal tropomyosin and its coiled-coil structure. Sodek J, et al.
Proc Natl Acad Sci USA 69:3800-4, Dec 72

Altered sequences changing the operator-binding properties of the Lac repressor: colinearity of the repressor protein with the i-gene map. Weber K, et al.
Proc Natl Acad Sci USA 69:3624-8, Dec 72

Protein, as a regulator of pancreatic enzyme secretion in the rat. Green GM, et al.
Proc Soc Exp Biol Med 142:1162-7, Apr 73

Enzyme replacement therapy in the pancreatic duct ligated swine. Imondi AR, et al.
Proc Soc Exp Biol Med 141:367-72, Oct 72

Further characterization of a glucagon precursor from anglerfish islet tissue. Noe BD, et al.
Proc Soc Exp Biol Med 142:210-3, Jan 73

Experimental pancreatitis in the dog. Demonstration of trypsin in ascitic fluid, lymph and plasma. Ohlsson K, et al. **Scand J Gastroenterol** 8:129-33, 1973

Studies on the effect of chymotrypsin on reovirions. Joklik WK. **Virology** 49:700-15, Sep 72

The tryptic peptides and terminal sequences of the protein from the cowpea strain of tobacco mosaic virus. Rees MW, et al. **Virology** 50:772-7, Dec 72

Action of different proteolytic enzymes on the surface of nucleated red cells. Wintzer G, et al.
Z Klin Chem Klin Biochem 9:266-8, May 71

[Trypsin and chymotrypsin activity of the intestinal contents in germ-free, monocontaminated and conventional rabbits] Mališ F, et al.
Cesk Gastroenterol Vyz 27:230-6, Jun 73 (Eng. Abstr.) (Cze)

[Proteolytic activities of the chymotrypsin type using synthetic substrates of the derivatives of methyl- and ethyl esters of N-acyl-L-tyrosine] Mališ F, et al.
Sb Lek 74:302-7, Oct-Nov 72 (Eng. Abstr.) (Cze)

[The turnover of lipase in the exocrine pancreas of the rat is slower than that of 4 other hydrolases in the same tissue] Christophe J, et al.
Arch Int Physiol Biochim 81:173-4, Feb 73 (Fre)

[Renal and plasmatic chymotrypsin activity in rats after experimental poisoning with uranyl nitrate] Gravelin C, et al.
C R Soc Biol (Paris) 166:1307-9, 1972 (Fre)

[Lipomatosis of the exocrine pancreas following D-penicillamine feeding of rats on choline deficiency diet] Perings E, et al.
Dtsch Med Wochenschr 98:1085-6, 25 May 73 (Ger)

[Diagnosis of the chronic exocrine pancreas insufficiency] Freudiger U.
Schweiz Arch Tierheilkd 114:476-87, Oct 72 (Eng. Abstr.) (Ger)

[Development of the endocrine pancreas and differentiation of its function] Kanazawa Y, et al.
Clin Endocrinol (Tokyo) 21:147-55, Feb 73 (41 ref.) (Jap)

[Enzymatic inactivation of neurohormones] Suska-Brzezińska E.
Postepy Biochem 18:473-87, 1972 (Pol)

[Characteristics of the elastolytic complex from Actinomyces rimosus--rimoprotelin] Rassulin IuA, et al.
Prikl Biokhim Mikrobiol 8:19-25, Jan-Feb 72 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

Anaphylactic histamine release and influence of antirheumatics. Norn S.
Acta Pharmacol Toxicol [Suppl] (Kbh) 30:3-59, 1971

Total proteolytic activity in experimental pancreatitic tissue. Larmi TK.
Ann Chir Gynaecol Fenn 61:254-9, 1972

Orthophosphate and amino acids as nutritional factors stimulating diethylaminoethyl-dextran-induced cell sensitization to transfection. al-Moslih MI, et al.
Arch Gesamte Virusforsch 41:71-9, 1973

Effect of pancreatic enzymes on protruding ileostomy stomas. Bessa SM, et al. **Arch Surg** 106:713-6, May 73

Milk xanthine oxidase type D (dehydrogenase) and type O (oxidase). Purification, interconversion and some properties. Battelli MG, et al.
Biochem J 131:191-8, Feb 73

Effect of disodium cromoglycate on phospholipase A activity. Studies with egg yolk and isolated mast cell systems. Hines MC, et al.
Biochem Pharmacol 21:171-9, 15 Jan 72

Determination of blood kinin levels by radioimmunoassay. Mashford ML, et al.
Biochem Pharmacol 21:2727-35, 15 Oct 72

Plasma hippuryl-L-lysine hydrolase inhibition by low molecular weight substance in lysosomes of skeletal muscle. Nakahara M.
Biochem Pharmacol 21:2635-41, 1 Oct 72

Hydrolysis of a chymotrypsin substrate and of naphthol AS-D chloroacetate by human leukocyte granules. Rindler R, et al. **Blut** 26:239-49, Apr 73

Non-osmotic swelling in purified bovine myelin. McIlwain DL. **Brain Res** 52:97-113, 30 Mar 73

The amino acids of the cell wall of Mycobacterium tuberculosis var. bovis, strain BCG. Presence of a poly(L-glutamic acid). Wietzerbin-Falszpan J, et al.
Eur J Biochem 32:525-32, 1 Feb 73

Macrophage spreading in vitro. I. Inducers of spreading. Rabinovitch M, et al.
Exp Cell Res 77:323-34, 15 Mar 73

Evidence for chemical coding of color discrimination in goldfish brain. Ungar G, et al.
Experientia 28:1026-7, 15 Sep 72

Characterization of the chemotactic activity of casein for neutrophil leucocytes and macrophages. Wilkinson PC. **Experientia** 28:1051-2, 15 Sep 72

Dissociation of single cells from lung or kidney tissue with elastase. Phillips HJ. **In Vitro** 8:101-5, Sep-Oct 72

Ultrastructural characterization of genome of epizootic hemorrhagic disease virus. Tsai KS, et al.
Infect Immun 8:463-74, Sep 73

Enhancement of brain L-dopa concentration with -chymotrypsin. Seneca H, et al.
J Am Geriatr Soc 21:256-8, Jun 73

Nature and properties of a Staphylococcus epidermidis bacteriocin. Jetten AM, et al.
J Bacteriol 112:243-50, Oct 72

Isolation and structural studies on synaptic complexes from rat brain. Cotman CW, et al. **J Cell Biol** 55:696-711, Dec 72

The effect of trypsin on membrane transport of non-electrolytes. Tsan MF, et al. **J Cell Physiol** 81:251-6, Apr 73

Properties and comparative starch-gel electrophoresis of megacins from several Bacillus megaterium strains. Donoghue HD. **J Gen Microbiol** 72:473-83, Oct 72

Chemical evidence for lambda-type amyloid fibril proteins. Kimura S, et al. **J Immunol** 109:891-2, Oct 72

Extraordinary effects of specific monovalent cations on activation of reovirus transcriptase by chymotrypsin in vitro. Borsa J, et al. **J Virol** 11:207-17, Feb 73

Cleavage of viral precursor proteins in vivo and in vitro. Korant BD. **J Virol** 10:751-9, Oct 72

The inhibitory effect of nonspecific substrates on the hydrolysis of ethyl-N-acetyl-L-tyrosinate by -chymotrypsin. Belikov VM, et al. **Mol Biol** 5:99-101, Jan-Feb 71

Changes in sodium transport induced by the injection of proteases into squid axons. Mullins LJ, et al. **Nature [New Biol]** 243:222-3, 13 Jun 73

Are concanavalin A receptor sites mediators of cell-cell adhesion? Steinburg MS, et al. **Nature [New Biol]** 241:249-51, 21 Feb 73

Partial characterization of a tetrodotoxin-binding component from nerve membrane. Benzer TI, et al. **Proc Natl Acad Sci USA** 69:3634-7, Dec 72

Correlation between rates of degradation of bacterial proteins in vivo and their sensitivity to proteases. Goldberg AL. **Proc Natl Acad Sci USA** 69:2640-4, Sep 72

Serological studies of enzyme-treated murine lymphoid cells. Ray PK, et al. **Proc Soc Exp Biol Med** 142:846-52, Mar 73

The effect of capping by anti-immunoglobulin antibody on the expression of cell surface immunoglobulin and on lymphocyte activation. Elson CJ, et al. **Scand J Immunol** 2:143-9, 1973

Antigenic and immunological characteristics of tryptic and chymotryptic subfragments from the C 3 homology region of human immunoglobulin G. Turner MW, et al. **Scand J Immunol** 1:53-62, 1972

Venoms and enzymes: effects of permeability of isolated single electroplax. Rosenberg P. **Toxicon** 11:149-54, Feb 73

Temperature-sensitive mutants of reovirus type 3: studies on the synthesis of viral RNA. Cross RK, et al. **Virology** 50:799-809, Dec 72

The infectivity of the two electrophoretic forms of cowpea mosaic virus. Geelen JL, et al. **Virology** 51:279-86, Feb 73

Studies on the effect of chymotrypsin on reovirions. Joklik WK. **Virology** 49:700-15, Sep 72

Acetylcholinesterase activity in En(a-) red cells. Herz F, et al. **Vox Sang** 23:228-31, 1972

[Effect of local anesthetics on the stimulating influence of bradykinin on smooth muscle. 3. Further studies on reinforcement of bradykinin-induced contraction of the guinea pig ileum by local anesthetics and chymotrypsin in rlationship to temperature and electrolyte concentration] Wiegershausen B, et al. **Arch Int Pharmacodyn Ther** 201:106-14, Jan 73 (Eng. Abstr.) **(Ger)**

[Aspects of the mucopolysaccharide complexes in extraocular musculature in expe.imental endocrine exophthalmos in rabbits] Taşcă C, et al. **Stud Cercet Endocrinol** 23:97-100, 1972 **(Rum)**

[Hydrolysis of the collagen from calf hide by a crystalline protease of Streptomyces griseus] Tsyperovich AS, et al. **Ukr Biokhim Zh** 45:151-5, Mar-Apr 73 (Eng. Abstr.) **(Ukr)**

RADIATION EFFECTS

Some effects of gamma-irradiation on dilute solutions of chymotrypsinogen. Lynn KR. **Int J Radiat Biol** 23:227-33, Mar 73

Radiation effects on -chymotrypsin in aqueous solution: pulse radiolysis and inactivation studies. Adams GE, et al. **Radiat Res** 54:375-87, Jun 73

SECRETION

Inhibitory action of alcohol on human exocrine pancreatic secretion. Mott C, et al. **Am J Dig Dis** 17:902-10, Oct 72

An investigation of the role of intraluminal proteolytic enzymes and intracellular enzyme inhibitors in ulcerative colitis. Goldberg DM, et al. **Br J Exp Pathol** 53:359-73, Aug 72

Ratio of chymotrypsin to trypsin in human duodenal aspirate. Goldberg DM, et al. **Digestion** 8:101-9, 1973

Effects of a beta-adrenergic receptor stimulant (isoproterenol) on pancreatic exocrine secretion. Rudick J, et al. **Surgery** 74:338-43, Sep 73

THERAPEUTIC USE

The use of alpha-chymotrypsin in syringing the obstructed lacrimal passages. Korra A. **Bull Ophthalmol Soc Egypt** 64:525-8, 1971

Prevention of retinal detachment in high myopic aphakic eyes. Treister G. **Isr J Med Sci** 8:1434-8, Aug-Sep 72

Hydrotubation used on difficult infertility patients. **J Reprod Med** 10:144-6, Mar 73

Prevention of retinal detachment by a circumferential barrage prior to lens extraction in high-myopic eyes. Stein R, et al. **Ophthalmologica** 165:125-36, 1972

[Enzymatic activity of drugs used for pancreatic substitution therapy--analysis in vitro] Mališ F, et al. **Cesk Gastroenterol Vyz** 27:89-97, Mar 73 (Eng. Abstr.) **(Cze)**

[Ligneous conjunctivitis in little girls] Legrand J, et al. **Bull Soc Ophtalmol Fr** 71:1077-85, Dec 71 **(Fre)**

[Statistical study of the effect of a bronchial liquifier in chronic bronchorrhea] Taranger J, et al. **Mars Med** 109:729-30, 1972 **(Fre)**

[Lesions induced by alpha staphylotoxin in rats. Influence of nonsteroid anti-inflammatory agents] Richou R, et al. **Rev Immunol (Paris)** 35:235-41, Oct-Dec 71 (Eng. Abstr.) **(Fre)**

[Potentiation of the anti-inflammatory effects of phenylbutazone and chymotrypsin complex in Mi540 ointment] Sardal J, et al. **Therapie** 27:473-81, May-Jun 72 (Eng. Abstr.) **(Fre)**

[Therapy of some gynecological phlogoses with a polyenzymatic combination] Ragni N, et al. **Minerva Ginecol** 25:218-24, Apr 73 (Eng. Abstr.) **(Ita)**

[Results of the use of iontophoresis in endodontics] Haimovici A, et al. **Rev Med Chir Soc Med Nat Iasi** 77:307-12, Apr-Jun 73 (Eng. Abstr.) **(Rum)**

[The effects of the proteolytic enzymes trypsin and chymopsin on intervertebral disks under experimental conditions] Avakian AV. **Eksp Khir Anesteziol** 17:23-5, Sep-Oct 72 (Eng. Abstr.) **(Rus)**

[Use of proteolytic enzymes in the treatment of inflammatory diseases of the soft tissues] Chudakov MI, et al. **Khirurgiia (Mosk)** 49:87-91, Feb 72 (Eng. Abstr.) **(Rus)**

[Proteolytic enzymes in treating acute thrombophlebitis of hemorrhoidal nodes] Geller AN. **Khirurgiia (Mosk)** 49:64-5, Feb 72 (Eng. Abstr.) **(Rus)**

[Treatment of suppurative diseases of the fingers and hand] Demianiuk DG. **Klin Khir** 8:56-60, Aug 72 **(Rus)**

[Use of chymotrypsin for intraocular hemorrhages] Palamarchuk GS, et al. **Oftalmol Zh** 27:323-7, 1972 (Eng. Abstr.) **(Rus)**

[Histochemical changes in the internal organs during experiment treatment of tuberculosis with proteolytic enzymes] Shlapak PT, et al. **Probl Tuberk** 50:70-5, 1972 (Eng. Abstr.) **(Rus)**

[Treatment of purulant diseases of the fingers and hands] Geller AN. **Vestn Khir** 108:76-7, Sep 72 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of different methods of administration of chymotrypsin in adhesive processes of the middle ear in children] Egorov LV, et al. **Vestn Otorinolaringol** 35:38-41, Mar-Apr 73 (Eng. Abstr.) **(Rus)**

[Method of performing and use of a microtracheostoma in the treatment of bronchial tuberculosis] Strelis AK. **Vrach Delo** 7:88-90, Jul 72 (Eng. Abstr.) **(Rus)**

[Paravertebral blockade with a solution of proteolytic enzymes in lumbosacral radiculitis] Geller AN. **Zh Nevropatol Psikhiatr** 73:672-4, 1973 (Eng. Abstr.) **(Rus)**

[Current treatment of various forms of chronic otitis] Mezić V. **Srp Arh Celok Lek** 100:1081-5, Sep 72 **(Ser)**

[Double blind test on the anti-inflammatory effect of

proteolytic enzymes] Bazerque PM, et al. **Medicina (B Aires) 32:357-62, Jul-Aug 72 (Eng. Abstr.) (Spa)**

CLOT RETRACTION

Coagulation in cyanotic congenital heart disease. Wedemeyer AL, et al. **Am J Dis Child 124:656-60, Nov 72**

Hyperviscosity syndrome with IgA myeloma. Dine ME, et al. **Am J Med Sci 264:111-5, Aug 72**

Simplified procedure for monitoring heparin therapy. Grosky BM. **Am J Med Technol 39:1-8, Jan 73**

Preliminary studies on in vitro and in vivo effects of 50 per cent hypaque on coagulation in man. Chandra R, et al. **Angiology 24:199-204, Apr 73**

Laboratory tests of platelet function. Day HJ, et al. **Ann Clin Lab Sci 2:63-74, Jan-Feb 72**

Thromboasthenia. Morse EE, et al. **Ann Clin Lab Sci 2:432-9, Nov-Dec 72**

Nature of the platelet defect in the Wiskott-Aldrich syndrome. Baldini MG. **Ann NY Acad Sci 201:437-44, 27 Oct 72**

Platelet abnormalities in heritable disorders of connective tissue. Estes JW. **Ann NY Acad Sci 201:445-50, 27 Oct 72**

Thrombosthenin: structure and function. Lüscher EF, et al. **Ann NY Acad Sci 201:122-30, 27 Oct 72**

Platelet interaction with fibrinogen and fibrin: comparison of the interaction of platelets with that of fibroblasts, leukocytes, and erythrocytes. Niewiarowski S, et al. **Ann NY Acad Sci 201:72-83, 27 Oct 72**

Qualitative platelet disorders: classification and pathogenesis. Ulutin ON. **Ann NY Acad Sci 201:174-93, 27 Oct 72**

Effects of Bothrops jararaca venom on fibrin formation in vitro. Ponari O, et al. **Arzneim Forsch 23:94-8, Jan 73**

Effects of Bothrops jararaca venom on fibrin formation in vitro. Ponari O, et al. **Australas Radiol 23:94-8, Jan 73**

Direct assessment of platelet adhesion to glass: a study of the forces of interaction and the effects of plasma and serum factors, platelet function, and modification of the glass surface. George JN. **Blood 40:862-74, Dec 72**

Investigations on acid phosphatase activity in human plasma and serum. Modder CP. **Clin Chim Acta 43:205-14, 24 Jan 73**

The role of phospholipids in haemophilia A. Kunz F, et al. **Klin Wochenschr 50:1058-60, 15 Nov 72**

Bleeding disorders due to abnormal platelet function. Weiss HJ. **Med Clin North Am 37:517-30, Mar 73 (58 ref.)**

Thrombosthenin, the contractile protein of blood platelets. New facts and problems. Lüscher EF, et al. **Pathol Biol (Paris) Suppl:89-101, Dec 72 (85 ref.)**

Platelet disorders. Gilchrist GS. **Pediatr Clin North Am 19:1047-60, Nov 72**

Laboratory approach to platelet disorders. Davey FR. **Postgrad Med 54:109-12 passim, Aug 73**

Human blood prostaglandins: formation during clotting. Silver MJ, et al. **Prostaglandins 1:429-36, Jun 72**

Congenital deficiency of factor VII. First two cases reported in Venezuela. Guevara I, et al. **Rev Bras Pesqui Med Biol 5:101-6, 1972 (Eng. Abstr.) (Pol)**

The inhibition of tissue plasminogen activator and urokinase-induced fibrinolysis by some natural proteinase inhibitors and by plasma and serum from normal and pregnant subjects. Thorsen S. **Scand J Clin Lab Invest 31:51-9, Jan 73**

Theory and experience behind the use of coagulation tests in diagnosis and prognosis of liver disease. Koller F. **Scand J Gastroenterol [Suppl] 19:51-61, 1973**

Venous stasis and fibrinolytic activity. Influence of graduated compression and changes in gas values. Feddersen C, et al. **Scand J Haematol 9:502-8, 1972**

Detection of carriers of classic haemophilia. Bennett B, et al. **Scott Med J 18:63, Mar 73**

Stroke and blood coagulation. Todd M, et al. **Stroke 4:400-5, May-Jun 73**

A quantitative two-stage assay for factor IX (Christmas factor) using plasma from dogs with Christmas disease. Aronson DL, et al. **Thromb Diath Haemorrh 27:529-34, 31 Jul 72**

The effects of some synthetic compounds on in vitro fibrinolytic activity measured by different methods and the relevance to activity in vivo. Baillie AJ, et al. **Thromb Diath Haemorrh 28:351-8, 31 Dec 72**

Anticoagulant factors from Viperidae venoms. Platelet phospholipid inhibitors. Boffa MC, et al. **Thromb Diath Haemorrh 28:509-23, 31 Dec 72**

Inhibition of thromboplastin activity in plasma by aluminosilicate treatment. Chenkin T, et al. **Thromb Diath Haemorrh 28:135-43, 31 Aug 72**

Effect of lidoflazine (R 7904) on human platelet function in vitro. De Clerck F. **Thromb Diath Haemorrh 28:228-36, 31 Oct 72**

Blood coagulation and fibrinolysis in a random sample of 788 men 54 years old. I. Correlations between the variables of clotting and fibrinolysis. Korsan-Bengtsen K, et al. **Thromb Diath Haemorrh 28:89-98, 31 Aug 72**

Kymographic recording of clot retraction: effects of papaverine, theophylline and cytochalasin B. Majno G, et al. **Thromb Diath Haemorrh 28:49-53, 31 Aug 72**

Bleeding tendency with platelet dysfunction and albinism. A case report. Murakami M, et al. **Thromb Diath Haemorrh 27:461-71, 31 Jul 72**

Structural alterations in fibrin clots with dextran. Muzaffar TZ, et al. **Thromb Diath Haemorrh 28:257-67, 31 Oct 72**

Studies on fibrin formation and effects of dextran. Muzaffar TZ, et al. **Thromb Diath Haemorrh 28:244-56, 31 Oct 72**

Filipin as a tool for the study of blood coagulation reactions. Pias PM van der, et al. **Thromb Diath Haemorrh 27:584-93, 31 Jul 72**

Clinically mild thrombasthenia with normal platelet coagulant activities. Walsh PN, et al. **Thromb Diath Haemorrh 28:440-6, 31 Dec 72**

[A simple method for the determination of clot retraction in clinical practice] Schmechel H, et al. **Dtsch Gesundheitsw 27:1772-4, 14 Sep 72 (Eng. Abstr.) (Ger)**

[Studies on thrombocyte function in children with connatal heart failures] Weinmann G, et al. **Folia Haematol (Leipz) 98:303-12, 1972 (Eng. Abstr.) (Ger)**

[Efficiency and limits of platelet function tests in the diagnosis of hemorrhagic diathesis] Linker H, et al. **Internist (Berlin) 14:143-8, Apr 73 (Ger)**

[Study of thrombocytic function in childhood] Göbel U, et al. **Klin Paediatr 184:371-7, Sep 72 (Eng. Abstr.) (Ger)**

[Blood coagulation and fibrinolysis in arteriosclerotic occlusions of the arteries of the extremities] Jipp P, et al. **Klin Wochenschr 50:689-95, 15 Jul 72 (Eng. Abstr.) (Ger)**

[Diagnosis and therapy of blood coagulation disorders in obstetrics and gynecology] Felder KD. **Med Klin 67:1220-6, 22 Sep 72 (Ger)**

[Current methods in the diagnosis of platelet function disorders] Zöller H, et al. **Munch Med Wochenschr 114:1922-6, 3 Nov 72 (Eng. Abstr.) (Ger)**

[Coagulative influence of 5-oxo-6-amino-7-ketimino-6-phenyldibenzo(a.c)cycloheptan] Milošev M, et al. **Pharmazie 27:520-1, Aug 72 (Ger)**

[Diagnosis of the consumption coagulopathy] Fischer M. **Wien Klin Wochenschr 85:319-23, 4 May 73 (Eng. Abstr.) (Ger)**

[Functional properties of thrombocytes in pediatric age groups] Altemeyer KH, et al. **Z Kinderheilkd 113:257-87, 1972 (Eng. Abstr.) (Ger)**

[Coagulation disorders in surgery. (Emergency diagnosis--Emergency therapy)] Preusser KP, et al. **Zentralbl Chir 97:1521-34, 28 Oct 72 (Ger)**

[Keypoints in clinical tests for hemorrhagic and thrombotic tendencies] Yasunaga K. **Jap J Clin Med 31:783-97, Apr 73 (20 ref.) (Jap)**

[Evaluation of the basic methods of studying primary hemostasis and the dynamic function of blood platelets (review of the literature)] Shitikova AS. **Lab Delo 11:648-56, 1972 (100 ref.) (Rus)**

[Role of the vascular wall in the process of hemostasis] Kuznik BI. **Usp Sovrem Biol 75:61-85, Jan-Feb 73 (258 ref.) (Rus)**

[Determining blood coagulation fractions (review of Soviet and foreign literature)] Golovin GV, et al. **Vestn Khir 110:138-42, Apr 73 (42 ref.) (Rus)**

[The role of the vasothromboeytic system in the hemorrhagic syndrome in children with epidemic hepatitis] Kroshkina LM.

Vopr Okhr Materin Det 17:17-21, Oct 72 (Eng. Abstr.) (Rus)

COAGULASE

Evaluation of a new medium for Staphylococcus isolation. Alexander J, et al.
Am J Med Technol 39:37-9, Feb 73

Relationship of antigen k to Staphylococcus aureus bacteriophage type 187, of human and of canine origins. Live I. Infect Immun 7:473-5, Mar 73

Coagulase-negative staphylococci causing endocarditis after cardiac surgery. Speller DC, et al.
J Clin Pathol 26:517-22, Jul 73

Phage typing of coagulase-negative staphylococci and micrococci. Dean BA, et al.
J Hyg (Camb) 71:261-70, Jun 73

The lipolytic activity of Micrococcaceae from human and animal sources. Alder VG, et al.
J Med Microbiol 6:147-54, May 73

The distribution of urease among coagulase-negative staphylococci and micrococci. Quoraishi AH, et al.
J Med Microbiol 5:pxii, Nov 72

Classification of chicken coagulase-positive staphylococci into four biological types and relation of the types to additional characteristics including coagulase-antigenic type. Sato G, et al.
Jap J Vet Res 20:91-110, Dec 72

Lysostaphin: model for a specific enzymatic approach to infectious disease. Zygmunt WA, et al.
Prog Drug Res 16:309-33, 1972 (88 ref.)

A study of staphylococci isolated from the upper respiratory tract of different animal species. V. Physiological properties of Staphylococcus aureus strains from mink. Hájek V, et al.
Zentralbl Bakteriol [Orig A] 222:194-9, Nov 72

[Practical problems of the isolation and identification of staphylococci in the laboratory] Trouyez G, et al.
Ann Inst Pasteur Lille 22:397-412, 1971 (Eng. Abstr.) (Fre)

[Staphylococcus epidermidis as a source of infection] Huber B, et al.
Pathol Microbiol (Basel) 39:6-7, 1973 (Ger)

[Studies on bovine staphylococci of various geographical origins] Grigorova M, et al.
Zentralbl Bakteriol [Orig A] 219:151-5, Feb 72 (Eng. Abstr.) (Ger)

[Infections due to coagulase-negative Staphylococcus albus in newborn infants] Maszkiewicz W.
Wiad Lek 25:2117-21, 1 Dec 72 (Eng. Abstr.) (Pol)

[Anticoagulase reaction in acute purulent processes in the abdominal cavity of staphylococcal etiology] Perfil'ev DF.
Zh Mikrobiol Epidemiol Immunobiol 49:63-7, Sep 72 (Eng. Abstr.) (Rus)

[Serological characteristics of Staphylococcus aureus plasmocoagulase] Zaikina NA, et al.
Zh Mikrobiol Epidemiol Immunobiol 49:60-3, Sep 72 (Eng. Abstr.) (Rus)

ANALYSIS

Pathogenicity of Staphylococcus aureus mutants in general and local infections. Forsgren A.
Acta Pathol Microbiol Scand [B] 80:564-70, 1972

Clinical incidence of coagulase negative, mannitol positive staphylococci. Branson D.
Am J Med Technol 38:202-3, Jun 72

Evaluation of rapid tests for staphylococci characterization. Kocka FE, et al.
Am J Med Technol 39:269-71, Jul 73

Relationship between lipids and coagulase of Staphylococcus. Gupta KG, et al.
Ann Inst Pasteur (Paris) 123:195-200, Aug 72

Pour-plate method for the detection of coagulase production by Staphylococcus aureus. Parisi JT, et al.
Appl Microbiol 25:558-61, Apr 73

Haemolysins of staphylococci. Ghosh SS, et al.
Indian J Exp Biol 10:298-300, Jul 72

Linkage of biochemical determinants of pathogenicity in staphylococcal isolates. Belliveau RR, et al.
Rocky Mt Med J 70:32-5, Mar 73

Fatal staphylococcal food poisoning. Currier RW 2d, et al. South Med J 66:703-5, Jun 73

[Biochemical and antigenic properties of Staphylococcus epidermidis] Fleurette J, et al.
Ann Inst Pasteur (Paris) 123:783-97, Dec 72 (Eng. Abstr.) (Fre)

[Interactions between Staphylococcus aureus and Pseudomonas aeruginsa in cultures in vitro and in the course of experimental infections] Repentigny J de, et al.
Can J Microbiol 18:1531-41, Oct 72 (Eng. Abstr.) (Fre)

[Biological characterization of dermonecrotoxin from Staphylococcus aureus] Peter G.
Arch Dermatol Forsch 245:85-94, 1972 (Eng. Abstr.) (Ger)

[New methods for simplification of the multi "colored series"] Linzenmeier G.
Zentralbl Bakteriol [Orig A] 220:186-93, May 72 (Ger)

[Staphylococci isolated from clinical sources. 2. Comparison of antibiotic sensitivities of coagulase-positive and coagulase-negative staphylococci] Osada F, et al.
Jap J Clin Pathol 20:667-72, Sep 72 (Jap)

[Comparative study of dried and freshly obtained rabbit plasma in the staphylococcal plasma coagulating reaction] Petrushina LI.
Lab Delo 8:506-7, 1972 (Rus)

BIOSYNTHESIS

Correlation of coagulase and mannitol test in human and animal staphylococci. Branson D.
Am J Med Technol 39:94-6, Mar 73

Effect of pH and oxygen tension on staphylococcal growth and enterotoxin formation in fermented sausage. Barber LE, et al.
Appl Microbiol 24:891-8, Dec 72

Microbiological testing of Skylab foods. Heidelbaugh ND, et al. Appl Microbiol 25:55-61, Jan 73

Pour-plate method for the detection of coagulase production by Staphylococcus aureus. Parisi JT, et al.
Appl Microbiol 25:558-61, Apr 73

Bacteriological survey of the blue crab industry. Phillips FA, et al. Appl Microbiol 24:958-66, Dec 72

Microbiological evaluation of cold-water shrimp (Pandalus borealis). Zapatka FA, et al.
Appl Microbiol 25:858-61, Jun 73

Relationships between host origin of staphylococcal strains and their virulence for mice. Chesbro W, et al.
Can J Microbiol 18:1371-8, Sep 72

Rapid characterization of bacteria, with emphasis on Staphylococcus aureus. Fung DY, et al.
Can J Microbiol 18:1623-7, Nov 72

A comparative assessment of media for the isolation and enumeration of coagulase positive staphylococci from foods. A report from a working party of the Public Health Laboratory Service.
J Appl Bacteriol 35:673-9, Dec 72

Competence for transfection in Staphylococcus aureus. Sjöström JE, et al. J Bacteriol 113:576-85, Feb 73

Deoxyribonuclease and lysozyme production by staphylococci and its correlation with other extracellular substances. Tsan YC, et al.
J Formosan Med Assoc 72:143-6, Mar 73

Studies on the dialyzability of Staphylococcus aureus. Gan KH.
J Hyg Epidemiol Microbiol Immunol (Praha) 17:216-25, 1973

Significance of coagulase-negative Staphylococcus in urine. Bailey RR. J Infect Dis 127:179-82, Feb 73

Coagulase production, mannitol fermentation, penicillinase elaboration, and phage typability of Staphylococcus aureus reverted from L-phase variants. Watanakunakorn C, et al.
J Infect Dis 127:571-5, May 73

Evidence for bacteriophage conversion in Staphylococcus. Jollick JD.
Microbios 6:97-100, Sep-Oct 72

Bacterial flora of the stools of gastroenteritis cases among Filipino adults. Famatiga EG, et al.
Southeast Asian J Trop Med Public Health 3:319-25, Sep 72

Factors affecting the coagulase release by Staphylococcus aureus. Gupta KG, et al.
Zentralbl Bakteriol [Orig A] 220:519-25, Jun 72

[White coagulase-negative staphylococci isolated from infections in humans] Popovici M, et al.
Arch Roum Pathol Exp Microbiol 31:61-7, Mar 72 (Eng. Abstr.) (Fre)

[Virulence and penicillin resistance of staphylococci considered amongst various criteria of bacterial pathogenicity] Breitfellner G, et al.
Zentralbl Bakteriol [Orig A] 223:478-87, May 73 (Eng. Abstr.) (Ger)

[Staphylococci isolated from clinical sources. 1. Biological properties and virulence] Osada F, et al.
Jap J Clin Pathol 20:493-7, Jul 72 (Jap)

[Formation of coagulases coagulating human plasma

and blood by non-pathogenic fungi of the genus aspergillus] Egorov NS, et al.
Dokl Akad Nauk SSSR 211:221-3, Jul-Aug 73 (Rus)

ISOLATION & PURIFICATION

[A method for the separation of staphylocoagulase and hemolysins] Voigt W, et al.
Z Allg Mikrobiol 12:493-5, 1972 (Ger)

METABOLISM

Thermostable nuclease production by staphylococci in milk samples from bovine mastitis. Jasper DE.
Am J Vet Res 34:445-6, Mar 73

Identification of Staphylococcus aureus by simultaneous use of tube coagulase and thermonuclease tests. Barry AL, et al.
Appl Microbiol 25:496-7, Mar 73

Development of tetracycline-resistant Staphylococcus aureus in gnotobiotic mice. Bornside GH, et al.
Infect Immun 5:505-12, Apr 72

Isolation of an additional capsular-type strain of Staphylococcus aureus by the serum-soft agar technique. Yoshida K. **Infect Immun 5:833-4, May 72**

Enzymatic and toxinogenic activity of culture filtrates of high and low virulent strains of Pseudomonas aeruginosa on mice. Muszyński Z.
Pathol Microbiol (Basel) 39:135-47, 1973

Characterisation of staphylococci isolated from poultry. Devriese LA, et al. **Poult Sci 51:389-97, Mar 72**

[Statistical approach to the evaluation by various enzymatic characteristics of the potential pathogenicity of Staphylococcus] Fassi-Fehri M, et al.
Maroc Med 52:748-53, Dec 72 (Fre)

[The relationship between staphylococcus and blood coagulation. Biological bases and practical applications] Fumarola D, et al.
G Batteriol Virol Immunol 65:144-51, May-Aug 72 (Eng. Abstr.) (Ita)

[Pathogenicity and biochemical activity of staphylococci isolated from udders of cows belonging to large herds affected with prolonged mastitis] Kurek C.
Pol Arch Weter 15:225-36, 1972 (Eng. Abstr.) (Pol)

[DNAase activity of staphylococci isolated from chickens] Grunina LF, et al.
Veterinariia 8:55-6, Aug 72 (Rus)

PHARMACODYNAMICS

Scarlet fever and necrotizing fascitis caused by coagulase-positive hemolytic Staphylococcus aureus, phage type 85. McCloskey RV.
Ann Intern Med 78:85-7, Jan 73

[Influence of the staphylococcal coagulase on the onset and development of the solid IRE reticulosarcoma in the rat] Fumarola D, et al.
Pathologica 63:215-8, Sep-Oct 71 (Eng. Abstr.) (Ita)

[Immunogenicity of some staphylococcal antigens. 3. Action of protein A, coagulase and ribosomal fraction] Wysokińska T.
Med Dosw Mikrobiol 25:21-30, 1973 (Eng. Abstr.) (Pol)

[Formation of coagulases coagulating human plasma and blood by non-pathogenic fungi of the genus aspergillus] Egorov NS, et al.
Dokl Akad Nauk SSSR 211:221-3, Jul-Aug 73 (Rus)

DIET, ATHEROGENIC

Early diagnosis of coronary heart disease--what is it good for? Björck G. **Adv Cardiol 8:25-37, 1973**

Effect of exercise on development of atherosclerosis in swine. Link RP, et al. **Adv Exp Med Biol 22:127-42, 1972**

The effects of metformin on lipid-induced atherosclerosis. Agid R, et al.
Adv Metab Disord 2:Suppl 2:575-86, 1973

Vascular changes accompanying dysmetabolism in rabbits. Volk BW, et al.
Adv Metab Disord 2:Suppl 2:251-6, 1973

Dietary prevention of atherosclerosis. Froelicher VF Jr. **Am Fam Physician 7:79-85, Mar 73**

Experimental model for study of "sudden death" from ventricular fibrillation or asystole. Lee KT, et al.
Am J Cardiol 32:62-73, Jul 73

Pathogenetic factors in atherosclerosis. Lautsch EV.
Angiology 23:584-94, Nov 72

The primary prevention of atherosclerotic disease: a report of the Inter-Society Commission for Heart Disease Resources. Stolley PD.
Ann Intern Med 76:661-3, Apr 72

Clot stabilization and atherosclerosis. Laki K, et al.
Ann NY Acad Sci 202:235-9, 8 Dec 72

Effect of ileal bypass on cholesterol levels, atherosclerosis and growth in the infant rabbit. Buchwald H, et al. **Ann Surg 175:311-9, Mar 72**

Antiorgan antibodies in rabbits fed atherogenic diet. Tuszkiewicz M, et al.
Arch Immunol Ther Exp (Warsz) 20:485-9, 1972

Cholesterol and acid mucopolysaccharides in hypercholesteremic rabbits. Fu ST, et al.
Arch Pathol 94:466-70, Nov 72

Cerebral atherosclerosis in the dog. II. Cerebral circulation. Suzuki M, et al. **Arch Pathol 96:14-7, Jul 73**

Effect of SaH 42-348, an analog of clofibrate, on lipid metabolism in rats. Kritchevsky D, et al.
Arzneim Forsch 23:858-9, Jun 73

Observations on some pharmacologic properties of a new ester of the nicotinic acid: mesoinositol-pentanicotinate. Linari G.
Arzneim Forsch 22:1419-21, Aug 72

Report on a double-blind investigation into the influence of -pyridyl-carbinol on the cholesterol level of the blood. Nelemans FA.
Arzneim Forsch 22:1410-3, Aug 72

Breed differences in the responses of rabbits to atherogenic diets. Adams WC, et al.
Atherosclerosis 16:405-11, Nov-Dec 72

Cell proliferation in the atherosclerotic lesions of cholesterol-fed rabbits. 2. Histological, ultrastructural and radioautographic observations on epinephrine-treated rabbits. Cavallero C, et al.
Atherosclerosis 17:49-62, Jan-Feb 73

Hypolipidaemic activity of Phaseolus mungo (blackgram) in rats fed a high-fat--high-cholesterol diet. Isolation of a protein and polysaccharide fraction. Devi KS, et al.
Atherosclerosis 15:223-30, Mar-Apr 72

Lipid changes in the plasma lipoproteins of baboons given an atherogenic diet. 3. A comparison between lipid changes in the plasma of the baboon and chimpanzee given atherogenic diets and those in human plasma lipoproteins of type II hyperlipoproteinaemia. Howard AN, et al.
Atherosclerosis 16:257-72, Sep-Oct 72

Prevention of vascular lesions by chondroitin sulfate A in the coronary artery and aorta of rats induced by a hypervitaminosis D, cholesterol-containing diet. Morrison LM, et al.
Atherosclerosis 16:105-18, Jul-Aug 72

The effects of sitosterol on serum cholesterol, platelet economy, thrombogenesis and atherosclerosis in the rabbit. Murphy EA, et al.
Atherosclerosis 17:257-68, Mar-Apr 73

The relationship between esterified and free cholesterol content in experimental rabbit atheroma. Redgrave TG, et al.
Atherosclerosis 16:135-7, Jul-Aug 72

Fibrinogen catabolism in rats fed thrombogenic diets. Ruckdeschel JC, et al.
Atherosclerosis 16:277-85, Nov-Dec 72

Experimental dietary production of aortic atherosclerosis in Japanese quail. Smith RL, et al.
Atherosclerosis 17:63-70, Jan-Feb 73

Cholesterol esterification and cholesterol ester hydrolysis by liver homogenates in rats with accelerated cholesterol metabolism. Takeuchi N, et al.
Atherosclerosis 17:211-24, Mar-Apr 73

Crude fibre, dietary fibre and atherosclerosis. Trowell H. **Atherosclerosis 16:138-40, Jul-Aug 72**

Hypolipidaemic activity of whole paddy in rats fed a high-fat--high-cholesterol diet. Isolation of an active fraction from the husk and bran. Vijayagopalan P, et al. **Atherosclerosis 15:215-22, Mar-Apr 72**

Mode of cholesterol ingestion and atherosclerosis in the young bovine. Wiggers KD, et al.
Atherosclerosis 17:281-95, Mar-Apr 73

Factors affecting arterial calcification associated with atherosclerosis. A review. Yogamundi Moon J.
Atherosclerosis 16:119-26, Jul-Aug 72 (49 ref.)

Hypocholesterolaemic and hypolipidaemic role of 3-hydroxy-3-methylglutarate in rabbits fed on an atherogenic diet. Khan AN, et al.
Biochem J 128:41P-42P, Jun 72

The effect of starvation and re-feeding on the rates of synthesis and degradation of enzyms effecting intermediate reactions in the synthesis of cholesterol and fatty acids in rat liver. Slakey LL, et al.
Biochem J 128:16P-17P, Jun 72

Aortic mitochondrial function in experimentally induced atherosclerosis in swine and rabbits. Morrison ES, et al. **Biochem Med** 7:308-15, Apr 73

Autogenous vein grafting in atheromatous rabbits. King P, et al. **Cardiovasc Res** 6:627-33, Nov 72

Essential fatty acid content of dietary fats and fat rich foods used in Rhodesia. Cmelik SH, et al. **Cent Afr J Med** 18:153-6, Aug 72

Effects of regression of atherosclerotic lesions on the content and esterification of cholesterol by cell-free preparations of pigeon aorta. St. Clair RW, et al. **Circ Res** 31:664-71, Nov 72

The effect of benactyzine and meprobamate on the development of experimental atherosclerosis in rabbits. Cuparencu B, et al. **Cor Vasa** 15:136-45, 1973

Metabolic effect of pyridinolcarbamate on rats kept on a high-fat and cholesterol diet or treated with calciferol. Grafnetter D, et al. **Cor Vasa** 15:58-69, 1973

The influence of thyroid hormones on the activities of the certain enzymes in rat aorta at a high-fat diet. Janda J, et al. **Cor Vasa** 15:70-9, 1973

Mechanism likely to cause resistance to alimentary hypercholesterolaemia in rabbits. Novitskii AA. **Cor Vasa** 13:280-90, 1971

Hepatic lipids of dogs fed on arteriosclerosis-inducing diet. Butkus A, et al. **Exp Mol Pathol** 18:331-44, Jun 73

An aortitis in the squirrel monkey and its effect on atherosclerosis. Hayes KC, et al. **Exp Mol Pathol** 17:334-7, Dec 72

Spider monkeys (Ateles sp.) as animal models for atherosclerosis research. Pucak GJ, et al. **Exp Mol Pathol** 18:32-49, Feb 73

Influence of vitamin A on experimental atherosclerosis in rabbits. Bonner MJ, et al. **Experientia** 29:187-8, 15 Feb 73

Endothelial defects and blood flow disturbance in atherogenesis. Gutstein WH, et al. **Experientia** 28:1299-300, 15 Nov 72

Annual administrative reviews: food service. Blaker GG. **Hospitals** 47:127 passim, 1 Apr 73 (49 ref.)

"The way to a man's heart attack". Jones RJ. **Ill Med J** 144:123-7 passim, Aug 73

Ethyl linoleate, atherosclerosis and longevity. Datey KK, et al. **Indian Heart J** 23:141-4, Apr 71

Dentinogenesis in incisors of rats deficient in essential fatty acids. Prout RE, et al. **J Comp Neurol** 52:462-6, May-Jun 73

Prolonged cholesterol-fat feeding to rabbits and the effect of exposure to cold on its course. Abdallah MA, et al. **J Egypt Public Health Assoc** 47:256-67, 1972

Effect of S-methylcysteine sulfoxide, S-allylcysteine sulfoxide and related sulfur-containing amino acids on lipid metabolism of experimental hypercholesterolemic rats. Itokawa Y, et al. **J Nutr** 103:88-92, Jan 73

The validity of the lipid-fed rabbit as a model for the study of atherogenesis. Walton KW. **J Pathol** 109:pii, Jan 73

Evidence of alveolar bone loss in rats fed an atherogenic diet. Plenk H Jr, et al. **J Periodont Res** 8:106-15, 1973

Microcirculation and metabolism in the vascular wall concerned with the vasa vasorum. Nakata Y, et al. **Jap Circ J** 37:217-27, Mar 73 (28 ref.)

Nutritional muscular dystrophy and human myocardial infarction. Anderson TW. **Lancet** 2:298-302, 11 Aug 73

Arterial-disease research: observation or intervention? Meade TW, et al. **Lancet** 2:913-6, 28 Oct 72

Arterial-disease research. Stanton GA. **Lancet** 2:1081, 18 Nov 72

Diet in the prevention of heart disease. Blacket RB. **Med J Aust** 1:969-73, 19 May 73

Atherogenicity of peanut oil in the rabbit. **Nutr Rev** 30:70-2, Mar 72 (8 ref.)

Atherosclerosis. Walker WF. **Physiotherapy** 58:328-31, Oct 72

Diet in the epidemiology of coronary heart disease. Shaper AG. **Proc Nutr Soc** 31:297-302, Dec 72 (19 ref.)

Silica urolithiasis in dogs fed an atherogenic diet. Ehrhart LA, et al. **Proc Soc Exp Biol Med** 143:131-2, May 73

Effect of colestipol (U-26,597A) on experimental atherosclerosis in rabbits. Kritchevsky D, et al. **Proc Soc Exp Biol Med** 142:185-8, Jan 73

Slowly miscible cholesterol pools in progressing and regressing atherosclerotic aortas. Wagner WD, et al. **Proc Soc Exp Biol Med** 143:804-9, Jul 73

Report on symposium on atherosclerosis. 48th annual meeting of the American Association of Neuropathologists. Rosenblum WI. **Stroke** 3:683-5, Nov-Dec 72

Advances in human heart transplantation. Griepp RB, et al. **Transplant Proc** 5:835-9, Mar 73

Effect of intravenous polyunsaturated phosphatidyl choline in experimental atherosclerosis. Howard AN, et al. **Verh Dtsch Ges Inn Med** 78:1245-8, 1972

[Nutrition in Finland] Ahlström A, et al. **Duodecim** 88:1582-90, 1972 **(Fin)**

[Dietary fats] Karvonen MJ. **Duodecim** 88:1559-69, 1972 **(Fin)**

[Inhibitory effects of the certain antidiabetic biguanides upon the intestinal absorption of lipids] Agid R, et al. **C R Acad Sci [D] (Paris)** 275:1787-90, 16 Oct 72 **(Fre)**

[Effects of exogenous mineral silicium on inorganic components of different tissues in atheromatous rabbits] Charnot Y, et al. **C R Soc Biol (Paris)** 166:996-1000, 1972 **(Fre)**

[Influence of an anticholinesterase substance, Nivalin, on the development of experimental arteriosclerosis] Michailov M, et al. **Cor Vasa** 13:291-5, 1971 (Eng. Abstr.) **(Fre)**

[Species specificity of the rabbit's sensitivity to experimental atheroma] Marquie G, et al. **Experientia** 28:1068-9, 15 Sep 72 **(Fre)**

[Prevention with dimethylbiguanide of thyroid changes caused by an atherogenic diet in rabbits] Marquié G, et al. **J Physiol (Paris)** 65:Suppl:270A-271, Oct 72 **(Fre)**

[Lathyrism and atherogenic diet in rats (importance of simultaneous parietal and lipid disorders in atherogenesis)] Julian M, et al. **Pathol Biol (Paris)** 20:951-9, Dec 72 (Eng. Abstr.) **(Fre)**

[Protective effects of metformin (NN-dimethylbiguanide) on hypothyroidism and fatty infiltration of the adrenal cortex induced by a cholesterol diet in rabbits] Marquié G, et al. **Pathol Biol (Paris)** 21:133-9, Feb 73 (Eng. Abstr.) **(Fre)**

[Role of magnesium, potassium, antikaliuretic agents and hypocholesteremic agents in cardiac lesion development in rats fed a thrombogenic diet and Na 2 HPO 4] Savoie LL. **Pathol Biol (Paris)** 20:751-6, Oct 72 (Eng. Abstr.) **(Fre)**

[Development of experimental arteriosclerosis in the rat] Kleinrok Z, et al. **Cor Vasa** 15:146-56, 1973 (Eng. Abstr.) **(Ger)**

[Internal relief of the normal and arteriosclerotic aorta in scanning electron microscopy] Fuchs U. **Exp Pathol (Jena)** 7:45-59, 1972 (Eng. Abstr.) **(Ger)**

[Spontaneous reversibility of experimental atherosclerosis] Guski H, et al. **Exp Pathol (Jena)** 6:214-24, 1972 (Eng. Abstr.) **(Ger)**

[Morphological findings in the coronary arteries and myocardium of the rabbit during experimental food-atheromatosis] Hecht A, et al. **Exp Pathol (Jena)** 7:29-35, 1972 (Eng. Abstr.) **(Ger)**

[Morphological and biochemical studies on the different development of cholesterol-induced aortic and coronary artery arteriosclerosis in rabbits] Massmann J, et al. **Exp Pathol (Jena)** 7:60-70, 1972 (Eng. Abstr.) **(Ger)**

[Coronary sclerosis: possibilities for its prevention] Schär M. **Praxis** 62:226-8, 20 Feb 73 **(Ger)**

[Experimental induction of atherosclerosis in rabbits by a combined method] Parwaresch MR, et al. **Res Exp Med (Berl)** 160:269-91, 19 Jun 73 (Eng. Abstr.) **(Ger)**

[Arteriosclerosis. Relations under chosen experimental conditions] Fritsch H. **Verh Dtsch Ges Inn Med** 78:1207-11, 1972 **(Ger)**

[Cardiac infarcts] Leren P. **Tidsskr Nor Laegeforen** 92:1672-4, 20 Sep 72 (Eng. Abstr.) **(Nor)**

[Effect of an atherogenic diet on hypoprotein and protein concentration in rabbit's serum] Tomaszewski J, et al. **Acta Physiol Pol** 23:703-8, Jul-Aug 72 (Eng. Abstr.) **(Pol)**

[Effect of atherogenic diet on the behaviour of free aminoacids in the liver and excrement of pigeons] Kostarz T, et al. **Ann Univ Mariae Curie Sklodowska [Med]** 26:77-89, 1971 (Eng. Abstr.) **(Pol)**

[Prevention of coronary heart disease: its aims and purposes] Rywik S, et al. **Kardiol Pol** 16:241-5, 1973 (22 ref.) **(Pol)**

[Oxygen uptake by isolated retina of rats on atherogenic diet] Pojda S.
Klin Oczna 43:711-4, Jun 73 (Eng. Abstr.) **(Pol)**

[Chemical composition of the vascular wall. XII. Glycosaminoglycans of aortic wall in rabbits on atherogenic diet and following induction of alloxan diabetes] Hanzlik J, et al.
Pol Arch Med Wewn 50:755-61, Aug 73 (Eng. Abstr.) **(Pol)**

[Chemical composition of the vascular wall. 13. Collagen and elastin in aortic wall of rabbits on atherogenic diet and following induction of alloxan diabetes] Tomaszewski J, et al.
Pol Arch Med Wewn 50:793-800, Aug 73 (Eng. Abstr.) **(Pol)**

[Effect of atherogenic diet on the behavior of free amino acids in blood plasma and erythrocytes in pigeons] Kostarz T, et al.
Pol Arch Weter 15:145-57, 1972 (Eng. Abstr.) **(Pol)**

[Morphological changes occurring in rabbits with induced tolerance to experimental atherosclerosis] Nagornev VA.
Arkh Patol 35:22-7, 1973 (Eng. Abstr.) **(Rus)**

[The effect of vitamin B-15 on the level of cholesterol and the functional state of the anticoagulant system of the blood of animals] Andreenko GV, et al.
Kardiologiia 12:40-5, Dec 72 (Eng. Abstr.) **(Rus)**

[Prevention of cardiovascular disorders] Kositskiĭ GI.
Kardiologiia 12:5-14, Feb 72 **(Rus)**

[Lipid metabolism in tolerance to experimental atherosclerosis induced by homologous beta-lipoproteins in newborn animals] Ban'kovskaia EB, et al.
Vestn Akad Med Nauk SSSR 27:78-85, 1972 (Eng. Abstr.) **(Rus)**

[Restoration of the function of the anticoagulation system in animals switched from an atherogenic diet to natural rations] Bazaz'ian GG, et al.
Vopr Pitan 31:33-8, Nov-Dec 72 (Eng. Abstr.) **(Rus)**

[Role of ascorbic acid in cholesterol metabolism (literature review)] Ginter E.
Vopr Pitan 31:25-32, Nov-Dec 72 (98 ref.) **(Rus)**

[The effect of adresone and alimentary sucrose loading on blood lipids and beta-lipoprotein composition] Khegaĭ MD, et al.
Vopr Pitan 31:63-6, Jul-Aug 72 (Eng. Abstr.) **(Rus)**

[The intensity of hepatic synthesis of different ribonucleic acid fractions under the influence of an atherogenic diet] Odushko NP.
Vopr Pitan 31:26-9, Jul-Aug 72 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Studies on the metabolism of dietary and endogenous triglycerides in experimental atherosclerosis. II. Endogenous synthesis of triglycerides. Szybiński Z.
Pol Med J 11:872-80, 1972

Studies on the metabolism of dietary and endogenous triglycerides in experimental atherosclerosis. I. Dynamics of the elimination of lymph dietary triglycerides from the blood. Szybiński Z.
Pol Med J 11:862-71, 1972

[Factors increasing the risk of myocardial infarct] Szczepański L, et al.
Pol Tyg Lek 28:1103-5, 16 Jul 73 (Eng. Abstr.) **(Pol)**

DISSEMINATED INTRAVASCULAR COAGULATION

Involvement of platelets and microthrombi in experimental decompression sickness: similarities with disseminated intravascular coagulation. Philp RB, et al. **Aerosp Med** 42:494-502, May 71

Disseminated intravascular coagulation. Pierce LE.
Am Fam Physician 7:118-25, Feb 73

The value of measuring platelet "adhesiveness" in the diagnosis of bleeding diseases. Bowie EJ, et al.
Am J Clin Pathol 60:302-8, Sep 73

Interaction of angiotensin with disseminated intravascular coagulation: a possible mechanism in the genesis of acute renal failure. Whitaker AN, et al.
Am J Pathol 72:1-12, Jul 73

Pathology of 12 fatal cases of Argentine hemorrhagic fever. Elsner B, et al.
Am J Trop Med Hyg 22:229-36, Mar 73

Fibrinolytic split products. A clinicopathological correlative study in adults with lupus glomerulonephritis and various renal diseases. Bond RE, et al. **Arch Intern Med** 132:182-7, Aug 73

Defibrination syndrome or? Merskey C.
Blood 41:599-603, Apr 73

Experience with disseminated intravascular coagulation in a children's hospital. Whaun JM, et al.
Can Med Assoc J 107:963-7, 18 Nov 72

Disseminated intravascular coagulation.
Cent Afr J Med 19:59, Mar 73

The disseminated intravascular coagulation syndrome: discussion. **Ir J Med Sci Suppl**:87-96, May 73

Activation of the alternate complement pathway by autologous red cell stroma. Poskitt TR, et al.
J Exp Med 138:715-22, 1 Sep 73

Evidence for participation of granulocytes in the pathogenesis of the generalized Shwartzman reaction: a review. Horn RG.
J Infect Dis 128:Suppl:134-43, Jul 73 (49 ref.)

Disseminated intravascular coagulation. Wilson WB.
J Miss State Med Assoc 13:420-6, Oct 72

Disseminated intravascular coagulation. Barrocas A.
Milit Med 138:9-13, Jan 73

A practical synopsis of consumption coagulopathy. Nalbandian RM, et al. **Milit Med** 136:349-50, Apr 71

Multiple pregnancy. 1. Benirschke K, et al.
N Engl J Med 288:1276-84, 14 Jun 73 (105 ref.)

Neonatal hamartoma with consumption coagulopathy. Ryan GM, et al. **NY State J Med** 72:3010-2, 15 Dec 72

Intravascular coagulation--acute and chronic--disseminated and local. McKay DG.
Proc Inst Med Chic 29:159-71, Sep 72 (29 ref.)

Some recent advances in coagulation--1972. King JB.
S Afr Med J 46:2085-9, 30 Dec 72 (42 ref.)

Coagulation abnormalities in acute liver failure; pathogenetic and therapeutic implications. Clark R, et al. **Scand J Gastroenterol [Suppl]** 19:63-70, 1973

The relevance of blood clotting tests in chronic aggressive hepatitis. Coccheri S, et al.
Scand J Gastroenterol [Suppl] 19:97-101, 1973

Significance of intravascular coagulation and fibrinolysis in acute hepatic failure. Hillenbrand P, et al. **Scand J Gastroenterol [Suppl]** 19:133-4, 1973

Hemostatic problems in liver surgery. Rö JS.
Scand J Gastroenterol [Suppl] 19:71-81, 1973 (67 ref.)

Renal function in burned rats with reference to the effect of intravascular coagulation. Rammer L.
Scand J Urol Nephrol 7:74-80, 1973

Quantitation of fibrin deposition and elimination in organs of rats injected with labelled fibrinogen by isolation of the labelled fibrin from water soluble tracer. Busch C, et al.
Thromb Diath Haemorrh 29:108-14, 28 Feb 73

[Disseminated intravascular coagulation] Wang FY, et al. **Chin Med J** 5:309-15, 1973 (13 ref.) **(Chi)**

[Hemolytic-uremic syndrome] Wijffels JC.
Ned Tijdschr Geneeskd 116:1735-42, 23 Sep 72 (51 ref.) **(Dut)**

[Disseminated intravascular coagulation (DIC). I. Experimental DIC in animals and spontaneous DIC in man] Slappendel RJ.
Tijdschr Diergeneeskd 98:605-15, 1 Jul 73 (60 ref.) (Eng. Abstr.) **(Dut)**

[Coagulolytic function and pathology] Raby C.
Can Anesthesiol 20:485-90 passim, Jul-Sep 72 **(Fre)**

[Unilateral cortical necrosis with ureteral stenosis and sac-like aneurysm of the artery on the side of the protected kidney. A case] Morin Y, et al.
Nouv Presse Med 2:635-7, 10 Mar 73 (Eng. Abstr.) **(Fre)**

[Minimum consumption coagulopathies with normal or raised fibrinogen level] Salvatori JM, et al.
Nouv Presse Med 2:512, 24 Feb 73 **(Fre)**

[Current progress in the understanding and treatment of intravascular thrombotic processes] Hiltenbrand C. **Rev Infirm** 23:401-4, May 73 **(Fre)**

[Acute disseminated intravascular coagulation in an obstetrical unit. Study of 9 cases. Diagnostic criteria. Therapeutic management] Cornu P, et al.
Sem Hop Paris 49:1419-28, 26 Apr 73 (Eng. Abstr.) **(Fre)**

[Changes in pattern of the shock syndrome over two decades] Mittermayer C, et al.
Klin Wochenschr 51:37-8, Jan 73 (Eng. Abstr.) **(Ger)**

[Consumption coagulopathy following labor] Fill H, et al. **Med Welt** 24:257-60, 16 Feb 73 **(Ger)**

[Shock and microcirculation] Lasch HG.
Verh Dtsch Ges Inn Med 77:1235-9, 1971 **(Ger)**

[Current problems in the pathogenesis and therapy of various forms of shock in internal medicine] Riecker G.
Verh Dtsch Ges Inn Med 77:1218-21, 1971 (20 ref.) **(Ger)**

[Current problems in the pathogenesis and therapy of various forms of shock in internal medicine (symposium)] Riecker G, et al. **Verh Dtsch Ges Inn Med** 77:1249-51, 1971 (Ger)

[Consumption coagulopathy in patients with Klippel-Trenaunay syndrome] Fischer M, et al. **Wien Klin Wochenschr** 85:207-12, 30 Mar 73 (Eng. Abstr.) (Ger)

[Diagnosis and therapy of consumption coagulopathy] Lechner K. **Wien Klin Wochenschr** 85:467-70, 29 Jun 73 (Eng. Abstr.) (Ger)

[Consumption coagulopathy observed mainly in obstetrics] Masaki M. **Jap J Clin Hematol** 13:195-7, Apr 72 (Jap)

[Three young infants with consumption coagulopathy] Tsukimoto I, et al. **Jap J Clin Hematol** 13:892-8, Oct 72 (Eng. Abstr.) (Jap)

[Syndromes of disseminated intravascular coagulation-in the fields of obstetrics and gynecology] Maki M. **Jap J Clin Med** 31:831-5, Apr 73 (Jap)

[Syndromes of disseminated intravascular coagulation-from the standpoint of internal medicine] Matsuoka M, et al. **Jap J Clin Med** 31:810-21, Apr 73 (59 ref.) (Jap)

[Syndromes of intravascular coagulation-in the field of surgery] Ninomiya K. **Jap J Clin Med** 31:822-30, Apr 73 (44 ref.) (Jap)

[Disseminated intravascular coagulation] Maekawa T. **Jap J Clin Pathol** 21:24-30, Jan 73 (7 ref.) (Jap)

[Hemorrhagic shock in obstetrics] Ouchi H. **Jap J Midwife** 26:23-7, May 72 (Jap)

[Intravascular coagulation] Abe T. **Respir Circ (Tokyo)** 20:3-5, Jan 72 (Jap)

[Diagnosis and treatment of disseminated intravascular coagulation (DIC)] Godal HC, et al. **Tidsskr Nor Laegeforen** 92:1528-30, 30 Aug 72 (Eng. Abstr.) (Nor)

[Disseminated intravascular blood clotting in blood diseases] Uszyński L. **Acta Haematol Pol** 2:253-7, Jul-Sep 71 (44 ref.) (Pol)

[Experimental intravascular blood clotting] Janda R. **Folia Med Cracov** 14:335-456, 1972 (Eng. Abstr.) (Pol)

[Disseminated intravascular coagulation] Gutiérrez-Vallejo F. **Angiologia** 25:255-64, Sep-Oct 73 (Spa)

BLOOD

The fibrinolytic enzyme system in malignant lymphomas. Ogston D, et al. **Acta Haematol (Basel)** 49:89-95, 1973

Evaluation of methods for the detection and quantitation of serum fibrin-fibrinogen degradation products. Erickson C, et al. **Am J Clin Pathol** 58:394-9, Oct 72

The clinical significance of the plasminogen level. Lackner H, et al. **Am J Clin Pathol** 60:175-81, Aug 73

Perspective: heparin therapy for disseminated intravascular coagulation. Marcus AJ. **Am J Med Sci** 264:365-6, Nov 72

Fatal disseminated intravascular coagulation and hemolytic anemia following stibophen therapy: a study of basic mechanisms. Weiss HJ, et al. **Am J Med Sci** 264:375-84, Nov 72

Studies on the pathogenesis of clotting defects during salt-induced abortions. Talbert LM, et al. **Am J Obstet Gynecol** 115:656-62, 1 Mar 73

Prolonged prothrombin time and partial thromboplastin time in disseminated intravascular coagulation not due to deficiency of factors V and VIII. Mant MJ, et al. **Br J Haematol** 24:725-34, Jun 73

On coagulation and fibrinolysis in trauma and shock. Pandolfi M, et al. **Eur Surg Res** 4:153-65, 1972

Evidence of intracranial deposits at the onset of myelomonoblastic leukaemia. Rose MS. **Guys Hosp Rep** 121:223-7, 1972

Gangrene of lower extremities in a newborn infant associated with intravascular coagulation (recession of gangrene after heparin therapy). Manios SG, et al. **Helv Paediatr Acta** 27:187-92, Jun 72

Disseminated intravascular coagulation complicating chickenpox. Naveh Y, et al. **Helv Paediatr Acta** 27:193-6, Jun 72

Effects of disseminated intravascular coagulation on pulmonary circulation and respiration. Olsson P, et al. **Int Anesthesiol Clin** 10:173-9, Winter 72

Laboratory investigations of the DIC syndrome. Temperley IJ, et al. **Ir J Med Sci** Suppl:83-7, May 73

The plasma gelation by ethanol in the diagnosis of disseminated intra-vascular coagulation. Samama M, et al. **Kobe J Med Sci** 18:11-4, Mar 72

Disseminated intravascular platelet aggregation in thrombotic thrombocytopenic purpura. Neame PB. **Lancet** 1:1320-1, 9 Jun 73

Postoperative antithrombin-3 concentration. Stathakis N, et al. **Lancet** 1:430, 24 Feb 73

Platelet and fibrinogen consumption in man. Harker LA, et al. **N Engl J Med** 287:999-1005, 16 Nov 72

Intravascular coagulation--acute and chronic--disseminated and local. McKay DG. **Proc Inst Med Chic** 29:159-71, Sep 72 (29 ref.)

Purpura fulminans and disseminated intravascular coagulation. A report of 5 cases in childhood. Rainier-Pope CR. **S Afr Med J** 47:1420-2, 11 Aug 73

Fibrinaemia and multiple thrombi in pancreatic carcinoma. A case studied with quantitative N-terminal analysis. Kierulf P, et al. **Scand J Haematol** 9:370-6, 1972

Discrepancy between normotest and thrombotest during thromboplastin induced intravascular coagulation in rabbits. Slaastad RA, et al. **Scand J Haematol** 9:403-10, 1972

Chronic intravascular coagulation syndrome associated with atherosclerotic aortic aneurysm. Schnetzer GW 3d, et al. **South Med J** 66:264-8, Feb 73

Identification of fibrinogen derivatives in plasma samples. Graeff H, et al. **Thromb Diath Haemorrh** 27:610-8, 31 Jul 72

Experimental study of rabbit fibrinogen degradation products. Influence of plasminogen level for the interpretation of serum concentration of fibrinogen degradation products in consumption coagulopathies. Soria J, et al. **Thromb Diath Haemorrh** 29:115-21, 28 Feb 73

[Disseminated intravascular coagulation] Wang FY, et al. **Chin Med J** 5:309-15, 1973 (13 ref.) (Chi)

[In-vitro "thromboplastic" activity of leukocytes and intravascular blood coagulation in leukemias] Gouault-Heilmann M, et al. **Pathol Biol (Paris)** Suppl:56-64, Dec 72 (Eng. Abstr.) (Fre)

[Humoral factors of the anticoagulative system] Kudrjashov BA. **Folia Haematol (Leipz)** 98:391-6, 1972 (Ger)

[Efficiency and limits of laboratory diagnosis of diffuse intravascular blood coagulation processes] Heene DL, et al. **Internist (Berlin)** 14:154-9, Apr 73 (Ger)

[Diagnostic significance of the analysis of fibrinogen derivatives] Schwabe G, et al. **Verh Dtsch Ges Inn Med** 78:719-23, 1972 (Ger)

[Diagnosis of the consumption coagulopathy] Fischer M. **Wien Klin Wochenschr** 85:319-23, 4 May 73 (Eng. Abstr.) (Ger)

[Coagulation disorders in surgery. (Emergency diagnosis--Emergency therapy)] Preusser KP, et al. **Zentralbl Chir** 97:1521-34, 28 Oct 72 (Ger)

[Disseminated intravascular coagulation] Amir J. **Harefuah** 83:29-32, 2 Jul 72 (20 ref.) (Heb)

[FDP in obstetrics and gynecology] Nagayama M. **Acta Haematol Jap** 35:637-41, Oct 72 (Eng. Abstr.) (Jap)

[Changes in clotting mechanism in consumption coagulopathy] Maekawa T, et al. **Jap J Clin Hematol** 13:167-76, Apr 72 (Eng. Abstr.) (Jap)

[Consumption coagulopathy observed mainly in obstetrics] Masaki M. **Jap J Clin Hematol** 13:195-7, Apr 72 (Jap)

[Trigger mechanism in thrombogenesis in consumption coagulopathy] Matsuoka M. **Jap J Clin Hematol** 13:151-6, Apr 72 (Eng. Abstr.) (Jap)

[Fibrinolysis associated with consumption coagulopathy] Moriguchi T. **Jap J Clin Hematol** 13:157-66, Apr 72 (Eng. Abstr.) (Jap)

[Syndromes of disseminated intravascular coagulation-from the standpoint of internal medicine] Matsuoka M, et al. **Jap J Clin Med** 31:810-21, Apr 73 (59 ref.) (Jap)

[The role of leukocytes in Sanarelli-Shwartzman reaction] Pituch A. **Przegl Lek** 29:840-1, 1972 (Pol)

[Paracoagulative reactions in experimental syndrome of intravascular coagulation] Zawilska K, et al. **Przegl Lek** 29:624-8, 1972 (Eng. Abstr.) (Pol)

CHEMICALLY INDUCED

Biological effect of basic polyglutamic acid derivatives. Lázár G, et al. **Acta Physiol Acad Sci Hung** 41:113-23, 1972

Fatal disseminated intravascular coagulation and hemolytic anemia following stibophen therapy: a study of basic mechanisms. Weiss HJ, et al. **Am J Med Sci** 264:375-84, Nov 72

Disseminated intravascular coagulation associated with tetracycline-induced hepatorenal failure during pregnancy. Pride GL, et al. **Am J Obstet Gynecol** 115:585-6, 15 Feb 73

Stilbestrol-augmented disseminated intravascular coagulation in rats after infusion of endotoxin. Theiss W, et al. **Am J Obstet Gynecol** 115:775-82, 15 Mar 73

Disseminated intravascular coagulation induced with leukocyte procoagulant. Kociba GJ, et al. **Am J Pathol** 69:407-20, Dec 72

Induction of the generalized Shwartzman reaction in pregnant and nonpregnant rats by colchicine. Müller-Berghaus G, et al. **Am J Pathol** 69:131-8, Oct 72

Experiments aimed at separating the mechanical circulatory effects of ethanol from specific chemical effects. An introduction to a biophysical analysis of a toxic state. Pennington RC, et al. **Ann NY Acad Sci** 215:356-65, 30 Apr 73

Salicylate-induced consumption coagulopathy. Pinedo HM, et al. **Ann Rheum Dis** 32:66-8, Jan 73

Intravascular coagulation and glycerin hemoglobinuric acute renal failure. Wardle EN, et al. **Arch Pathol** 95:271-5, Apr 73

Combination chemotherapy with cytosine arabinoside and rubidomycin in 30 cases of acute granulocytic leukemia. Gluckman E, et al. **Cancer** 31:487-91, Mar 73

Augmentation of endotoxin-induced fibrin deposits by pregnancy and estrogen-progesterone treatment. Beller FK, et al. **Gynecol Invest** 3:176-83, 1972

Comparison between the polymyxins and gentamicin in preventing endotoxin-induced intravascular coagulation and leukopenia. Corrigan JJ Jr, et al. **Infect Immun** 4:563-6, Nov 71

Cryofibrinogen and oral contraception in women. Lee RS. **J Am Osteopath Assoc** 72:1161-5, Aug 73

The effect of saline loading on endotoxin-induced disseminated intravascular coagulation. Theiss W, et al. **J Lab Clin Med** 81:431-42, Mar 73

Hyperkalaemia and chemotherapy. Muggia FM. **Lancet** 1:602-3, 17 Mar 73

Fatalities due to the weed-killer paraquat. Harrison LC, et al. **Med J Aust** 2:774-7, 30 Sep 72

Maternal death due to DIC after saline abortion. Lemkin SR, et al. **Obstet Gynecol** 42:233-5, Aug 73

Discrepancy between normotest and thrombotest during thromboplastin induced intravascular coagulation in rabbits. Slaastad RA, et al. **Scand J Haematol** 9:403-10, 1972

Prevention of the liquoid-induced consumption coagulopathy by the protease inhibitor aprotinin. Müller-Berghaus G, et al. **Thromb Diath Haemorrh** 27:396-406, 31 Jul 72

Disseminated intravascular coagulation induced by liquoid in normal, thrombocytopenic and granulocytopenic rabbits. Light and electron microscope studies. Skjorten F, et al. **Thromb Diath Haemorrh** 27:377-88, 31 Jul 72

[Disseminated intravascular coagulation (D.I.V.C.) after lipiodol splenotomography] Gamain J, et al. **Nouv Presse Med** 2:1671, 16 Jun 73 (Fre)

[A possible pathogenetic role of intravascular coagulation in the Mallory-Weiss syndrome] Linder M. **Chirurg** 43:503-5, Nov 72 (Ger)

[Endotoxin effect] Fritsch H. **Fortschr Med** 90:989-92, 28 Sep 72 (Ger)

[Experimental intravascular blood clotting] Janda R. **Folia Med Cracov** 14:335-456, 1972 (Eng. Abstr.) (Pol)

[Paracoagulative reactions in experimental syndrome of intravascular coagulation] Zawilska K, et al. **Przegl Lek** 29:624-8, 1972 (Eng. Abstr.) (Pol)

CLASSIFICATION

A practical synopsis of consumption coagulopathy. Nalbandian RM, et al. **Milit Med** 136:349-50, Apr 71

COMPLICATIONS

Disseminated intravascular coagulation. Pierce LE. **Am Fam Physician** 7:118-25, Feb 73

Management of severe hypertension. Kincaid-Smith P. **Am J Cardiol** 32:575-81, 20 Sep 73

Discrete ulcerations of the rectum and sigmoid. Devroede G, et al. **Am J Dig Dis** 18:695-703, Aug 73

Disseminated intravascular coagulation in the respiratory distress syndrome. Margolis CZ, et al. **Am J Dis Child** 125:324-6, Mar 73

Reversal of renal failure in Wegener's granulomatosis cy heparin. Whitaker AN, et al. **Am J Med Sci** 265:399-406, May 73

Therapy of acute meningococcal infections: early volume expansion and prophylactic low dose heparin. Wilson FE, et al. **Am J Med Sci** 264:445-55, Dec 72

Acute renal failure in obstetric septic shock. Current views on pathogenesis and management. Emmanouel DS, et al. **Am J Obstet Gynecol** 117:145-59, 1 Sep 73 (161 ref.)

Disseminated intravascular coagulation resulting in severe hemorrhage, following the intraamniotic injection of hypertonic saline to induce abortion. Sedaghat A, et al. **Am J Obstet Gynecol** 114:841-3, 15 Nov 72

Interaction of angiotensin with disseminated intravascular coagulation: a possible mechanism in the genesis of acute renal failure. Whitaker AN, et al. **Am J Pathol** 72:1-12, Jul 73

Portal venous gas (PVG) as an indication for heparinization. Sibbald WJ, et al. **Am J Surg** 124:690-3, Nov 72

Salicylate-induced consumption coagulopathy. Pinedo HM, et al. **Ann Rheum Dis** 32:66-8, Jan 73

Platelet function tests in disease. Tschopp TB, et al. **Annu Rev Med** 24:1-18, 1973 (214 ref.)

Heparin therapy in meningococcal septicaemia. Hunter J. **Arch Dis Child** 48:233-5, Mar 73

Purpura necrotica as a complication of ventriculoatrial shunts in hydrocephalus. Shennan AT. **Arch Dis Child** 47:821-3, Oct 72

The management of deep venous thrombosis. I. Diagnosis. Edwards IR, et al. **Br J Dermatol** 87:518-22, Nov 72 (37 ref.)

The skin in disseminated intravascular coagulation. Prospective analysis of thirty-six cases. Robboy SJ, et al. **Br J Dermatol** 88:221-9, Mar 73

Microangiopathic haemolytic anaemia (MHA). Brain MC. **Br J Haematol** 23:Suppl:45-52, Sep 72 (70 ref.)

Observations on the mechanism of the haematological changes in the haemolytic uraemic syndrome of infancy. Metz J. **Br J Haematol** 23:Suppl:53-9, Sep 72

Disseminated intravascular coagulation in benign tertian malaria. Bain B. **Br Med J** 1:550, 3 Mar 73

Disseminated intravascular coagulation with thymoma-associated Cushing's syndrome. Sworn MJ, et al. **Br Med J** 2:343-4, 12 May 73

Fibrinogen catabolism study of three patients with bacterial endocarditis and renal disease. Wardle EN, et al. **Br Med J** 3:255-7, 4 Aug 73

Neisseria pharyngis septicaemia with associated disseminated intravascular coagulation. Thomson S, et al. **Can J Med Technol** 35:6-7, May-Jun 73

Pulmonary hemorrhage syndrome as a manifestation of disseminated intravascular coagulation: analysis of ten cases. Robboy SJ, et al. **Chest** 63:718-21, May 73

Lethal postoperative infections following cardiac surgery. Review of four years' experience. Engelman RM, et al. **Circulation** 48:Suppl 3:31-6, Jul 73

Problems in blood coagulation. Ryan GM, et al. **Clin Anesth** 9:75-100, 1972

Gangrene of the extremities in a newborn premature infant. Report of a case associated with pulmonary hyaline membrane disease. Schenken JR. **Clin Pediatr (Phila)** 12:285-7, May 73

Coagulation studies in acute hepatic failure. Tucker JS, et al. **Gut** 14:418, May 73

Evidence of intracranial deposits at the onset of myelomonoblastic leukaemia. Rose MS. **Guys Hosp Rep** 121:223-7, 1972

Gangrene of lower extremities in a newborn infant associated with intravascular coagulation (recession of gangrene after heparin therapy). Manios SG, et al. **Helv Paediatr Acta** 27:187-92, Jun 72

Disseminated intravascular coagulation in the respiratory distress syndrome of the new born: an autopsy study. Walter A. **Indian J Med Res** 60:1267-71, Sep 72

Coagulation problems. Czapek EE. **Int Anesthesiol Clin** 11:175-201, Summer 73 (66 ref.)

Effects of disseminated intravascular coagulation on pulmonary circulation and respiration. Olsson P, et al. **Int Anesthesiol Clin** 10:173-9, Winter 72

The disseminated intravascular coagulation syndrome: discussion. **Ir J Med Sci** Suppl:87-96, May 73

Venous infarction of the myocardium in a newborn child: an unusual effect of disseminated intravascular coagulation. McCormack M. **J Clin Pathol** 26:364-6, May 73

Intravascular coagulation and E. coli septicaemia. Preston FE, et al. **J Clin Pathol** 26:120-5, Feb 73

Electron microscopy of muscle biopsies in two cases of meningococcemia. Binette JP, et al. **J Med (Basel)** 3:88-96, 1972

Disseminated intravascular coagulation. Kamel K, et al. **J Oral Surg** 31:95-7, Feb 73

Disseminated intravascular coagulation in a newborn infant with Listeria sepsis. Miller R, et al. **J Pediatr** 83:640-2, Oct 73

Comsumptive coagulopathy with renal vein thrombosis. Renfield ML, et al. **J Pediatr** 82:1054-6, Jun 73

Shock. Gill W, et al. **J R Coll Surg Edinb** 17:304-14, Sep 72 (89 ref.)

Renal complications of septic shock in pregnancy. Emmanouel DS, et al. **J Reprod Med** 11:6-14, Jul 73

Coagulation and renal disease. Kincaid-Smith P. **Kidney Int** 2:183-90, Oct 72 (99 ref.)

Consumption coagulopathy in congenital heart-disease. Ihenacho HN, et al. **Lancet** 1:231-4, 3 Feb 73

Apparent necrosis of bone-marrow in a patient with disseminated intravascular coagulation, post partum. Rose MS. **Lancet** 2:730-1, 29 Sep 73

Acute renal failure. Wardle EN. **Lancet** 2:328, 11 Aug 73

Consumption coagulopathy in congenital heart-disease. **Lancet** 1:324, 10 Feb 73

Surfactant. Woolcock AJ. **Med J Aust** 1:900-3, 5 May 73 (23 ref.)

Maternal death due to DIC after saline abortion. Lemkin SR, et al. **Obstet Gynecol** 42:233-5, Aug 73

Disseminated intravascular coagulation and fetal hydrops in a newborn infant in association with a chorangioma of placenta. Jones CE, et al. **Pediatrics** 50:901-7, Dec 72

Coagulation abnormalities in liver disease. Losowsky MS, et al. **Postgrad Med** 53:147-52, Jan 73

Intravascular coagulation--acute and chronic--disseminated and local. McKay DG. **Proc Inst Med Chic** 29:159-71, Sep 72 (29 ref.)

Disseminated intravascular coagulation in acute alcoholic liver disease. MacMahon AG. **S Afr Med J** 47:227-8, 10 Feb 73

Purpura fulminans and disseminated intravascular coagulation. A report of 5 cases in childhood. Rainier-Pope CR. **S Afr Med J** 47:1420-2, 11 Aug 73

Disseminated intravascular coagulation as a possible cause of acute respiratory failure. Hardaway RM 3d. **Surg Gynecol Obstet** 137:419-23, Sep 73

[Etiopathogenesis and treatment of the hemorrhagic labor syndrome] Koutský J, et al. **Cesk Gynekol** 38:347-8, Jun 73 (Cze)

[Acute gastrointestinal ulcers in medical resuscitation] Grivaux M, et al. **Ann Med Interne (Paris)** 123:403-8, Apr 72 (Fre)

[Intravascular coagulation and uremigenous angiocholitis] Goguel A, et al. **Nouv Presse Med** 2:1948, 28 Jul 73 (Fre)

[Intravascular coagulation. Its role in renal pathology] Kleinknecht D, et al. **Nouv Presse Med** 2:925-8, 7 Apr 73 (Fre)

[Intravascular coagulation and nephropathies] Kanfer A, et al. **Rev Prat** 22:2389-401, 21 May 72 (Fre)

[Amniotic embolism] Cornu P, et al. **Sem Hop Paris** 49:1441-8, 26 Apr 73 (Eng. Abstr.) (Fre)

[Disseminated intravascular coagulation in acute experimental ruminal acidosis in sheep] Hartig F, et al. **Berl Munch Tieraerztl Wochenschr** 86:244-5, 1 Jul 73 (Eng. Abstr.) (Ger)

[A possible pathogenetic role of intravascular coagulation in the Mallory-Weiss syndrome] Linder M. **Chirurg** 43:503-5, Nov 72 (Ger)

[Morphological substrates in the perinatal anoxia syndrome. Intra-alveolar hemorrhage and hyaline membranes of the lung, multiple stomach ulcers, bilateral kidney cortex necroses and periventricular encephalomalacia in a newborn infant] Bettendorf U. **Dtsch Med Wochenschr** 98:665-9, 20 Mar 73 (Eng. Abstr.) (Ger)

[Analysis of gastric hemorrhage in 150 patients] Thies HA, et al. **Dtsch Med Wochenschr** 98:703-8, 11 May 73 (Eng. Abstr.) (Ger)

[Consumption coagulopathy: a clinical, diagnostical, therapeutic and pathogenetic consideration] Zenner O, et al. **Hautarzt** 24:139-45, Apr 73 (Eng. Abstr.) (Ger)

[Pathogenesis and clinical aspects of congenital thrombocytopenias] Krosse C, et al. **Kinderaerztl Prax** 40:295-300, Jul 72 (Ger)

[Special respiratory problems in the multiple injured] Vogel W, et al. **Langenbecks Arch Chir** 329:491-503, Dec 71 (Eng. Abstr.) (Ger)

[Functional and clinical studies of the lung in shock] Zimmermann WE, et al. **Langenbecks Arch Chir** 329:671-82, Dec 71 (Eng. Abstr.) (Ger)

[Blood coagulation disorders in liver diseases] Meyer-Burg J. **Med Klin** 68:187-91, 9 Feb 73 (Ger)

[Abdominal colic in hyperlipemia as a result of intravasal coagulation] Reimers HJ, et al. **Med Welt** 24:297-8, 23 Feb 73 (Ger)

[Shock and shock control] Fischer H. **Munch Med Wochenschr** 114:2091-6, 24 Nov 72 (88 ref.) (Ger)

[Hemorrhagic diathesis in primary amyloidosis] Hey D, et al. **Verh Dtsch Ges Inn Med** 78:713-7, 1972 (Ger)

[Disseminated intravascular coagulation in intra-uterine or perinatal stillbirth] Rafii MR, et al. **Z Geburtshilfe Perinatol** 177:147-56, Apr 73 (Eng. Abstr.) (Ger)

[Thrombopenias] Dioguardi N. **Minerva Med** 63:4983-96, 19 Dec 72 (Ita)

[Consumption coagulopathy in internal medicine] Kagami M. **Jap J Clin Hematol** 13:177-85, Apr 72 (Eng. Abstr.) (Jap)

[Trigger mechanism in thrombogenesis in consumption coagulopathy] Matsuoka M. **Jap J Clin Hematol** 13:151-6, Apr 72 (Eng. Abstr.) (Jap)

[Blood coagulation disorders in an experimental defibrination with concomitant endotoxic shock] Bielski J, et al. **Acta Haematol Pol** 3:45-52, Jan-Mar 72 (Eng. Abstr.) (Pol)

[Primary and secondary cor pulmonale syndrome of thromboembolic origin. Primary and secondary local intravascular coagulation syndrome with pulmonary localization] Dyk T, et al. **Pol Arch Med Wewn** 50:807-14, Aug 73 (Eng. Abstr.) (Pol)

[Coagulopathy in periarteritis nodosa] Krug H, et al. **Pol Arch Med Wewn** 49:591-5, Dec 72 (Eng. Abstr.) (Pol)

[A case of "purpura fulminans" syndrome in an adult patient] Kotlarek-Haus S, et al. **Przegl Lek** 30:325-7, 1973 (Pol)

[Current knowledge of the physiopathology of pulmonary thromboembolism] Anghel IS. **Chirurgia (Bucur)** 21:587-95, Jul 72 (Rum)

[Etiology and pathogenesis of Sheehan's syndrome (review of the literature)] Pasha SP. **Akush Ginekol (Mosk)** 48:20-3, May 72 (33 ref.) (Eng. Abstr.) (Rus)

DIAGNOSIS

Disseminated intravascular coagulation. Pierce LE. **Am Fam Physician** 7:118-25, Feb 73

The plasma protamine paracoagulation test: clinical and laboratory evaluation. Kidder WR, et al. **Am J Clin Pathol** 58:675-86, Dec 72

Hypofibrinogenemia associated with hemangioma of the liver. Martinez J, et al. **Am J Clin Pathol** 60:192-7, Aug 73

Differentiation of bleeding diatheses which occur following protamine correction of heparin anticoagulation. Soloway HB, et al. **Am J Clin Pathol** 60:188-91, Aug 73

Bleeding and infection. Kisker CT, et al. **Am J Dis Child** 124:483-4, Oct 72

Some salient features of Staphylococcus aureus endocarditis. Watanakunakorn C, et al. **Am J Med** 54:473-81, Apr 73

Blood coagulation studies in Plasmodium falciparum malaria. Butler T, et al. **Am J Med Sci** 265:63-7, Jan 73

Perspective: heparin therapy for disseminated intravascular coagulation. Marcus AJ. **Am J Med Sci** 264:365-6, Nov 72

Disseminated intravascular coagulation following

cardiac arrest: a study of 15 patients. Mehta B, et al. **Am J Med Sci** 264:353-63, Nov 72

Treatment of thrombotic thrombocytopenic purpura with antiplatelet drugs. Amir J, et al. **Blood** 42:27-33, Jul 73

The skin in disseminated intravascular coagulation. Prospective analysis of thirty-six cases. Robboy SJ, et al. **Br J Dermatol** 88:221-9, Mar 73

Experience with disseminated intravascular coagulation in a children's hospital. Whaun JM, et al. **Can Med Assoc J** 107:963-7, 18 Nov 72

Disseminated intravascular coagulation in cancer patients: supportive evidence. Peck SD, et al. **Cancer** 31:1114-9, May 73

Pulmonary hemorrhage syndrome as a manifestation of disseminated intravascular coagulation: analysis of ten cases. Robboy SJ, et al. **Chest** 63:718-21, May 73

Hemorrhagic disease due to vitamin K deficiency in a premature infant: a syndrome which may resemble disseminated intravascular coagulation (DIC). Mangurten HH, et al. **Clin Pediatr (Phila)** 12:372-5, Jun 73

Laboratory investigations of the dic syndrome. Temperley IJ, et al. **Ir J Med Sci** 83-96, May 73

The disseminated intravascular coagulation syndrome: discussion. **Ir J Med Sci** Suppl:87-96, May 73

Neonatal intravascular coagulation associated with abruptio placentae. al-Salihi FL. **J Med Soc NJ** 70:381-3, May 73

Disseminated intravascular coagulation. Kamel K, et al. **J Oral Surg** 31:95-7, Feb 73

Circulating fibrin in meningococcemia. Kisker CT, et al. **J Pediatr** 82:787-91, May 73

Rapid death in childhood. Neff JM, et al. **J Pediatr** 83:679-84, Oct 73

An approach to acquired coagulation problems in the neonatal surgical patient. Asch MJ, et al. **J Pediatr Surg** 8:227-34, Apr 73

Disseminated intravascular coagulation following extracorporeal circulation. Boyd AD, et al. **J Thorac Cardiovasc Surg** 64:685-93, Nov 72

Amniotic fluid embolism and disseminated intravascular coagulation after blunt abdominal trauma. Olcott C 4th, et al. **J Trauma** 13:737-40, Aug 73

Mucormycotic endocarditis of the pulmonary valve. Erdos MS, et al. **JAMA** 222:951-3, 20 Nov 72

Covert consumption coagulopathy--a call to vigilance. Vaisrub S. **JAMA** 224:1523, 11 Jun 73

The plasma gelation by ethanol in the diagnosis of disseminated intra-vascular coagulation. Samama M, et al. **Kobe J Med Sci** 18:11-4, Mar 72

Disseminated intravascular platelet aggregation in thrombotic thrombocytopenic purpura. Neame PB. **Lancet** 1:1320-1, 9 Jun 73

Abnormal bleeding after prostatectomy: illustrative cases and review of management. O'Sullivan EF, et al. **Med J Aust** 2:1165-9, 18 Nov 72

New method for detection and quantitation of circulating platelet aggregates. Maca RD, et al. **Microvasc Res** 4:453-7, Oct 72

[Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 7-1973. Castleman B, et al. **N Engl J Med** 288:363-7, 15 Feb 73

The Thrombo-Wellcotest as a screening test for disseminated intravascular coagulation. Ellman L, et al. **N Engl J Med** 288:633-4, 22 Mar 73

Serum levels of 2 -macroglobulin and IgG and cryofibrinogenemia in pregnancy. Chandra RK, et al. **Obstet Gynecol** 41:56-9, Jan 73

The effects of antibiotics on serum fibrinogen levels. Morrison JC, et al. **Obstet Gynecol** 42:80-6, Jul 73

Disseminated intravascular coagulation and fetal hydrops in a newborn infant in association with a chorangioma of placenta. Jones CE, et al. **Pediatrics** 50:901-7, Dec 72

Thrombocytopenia as evidence of local thrombus: the umbilical arterial catheter. Nachman RL, et al. **Pediatrics** 50:825-6, Nov 72

The use of heparin in meningococcal disease. Oberholzer D, et al. **Proc Mine Med Off Assoc** 51:25-31, Jan-Apr 72

Some recent advances in coagulation--1972. King JB. **S Afr Med J** 46:2085-9, 30 Dec 72 (42 ref.)

Purpura fulminans and disseminated intravascular coagulation. A report of 5 cases in childhood. Rainier-Pope CR. **S Afr Med J** 47:1420-2, 11 Aug 73

Diffuse intravascular coagulation in meningococcaemia. A case report. Schorn D. **S Afr Med J** 47:225-6, 10 Feb 73

Discrepancy between thrombotest and normotest--an indicator of disseminated intravascular coagulation (DIC)? Slaastad RA, et al. **Scand J Haematol** 9:411-6, 1972

Diabetic keto-acidosis complicated by disseminated intravascular coagulation. Cooper MR, et al. **South Med J** 66:653-7, Jun 73

Clearance of endotoxin by platelets: role in increasing the accuracy of the Limulus gelation test and in combating experimental endotoxemia. Das J, et al. **Surgery** 74:235-40, Aug 73

The use of biopsies in burn patient care. Pruitt BA Jr, et al. **Surgery** 73:887-97, Jun 73

On the early detection of intravascular coagulation. An experimental study. Fedder G, et al. **Thromb Diath Haemorrh** 27:365-76, 31 Jul 72

Comparison of ethanol and protamine tests in demonstration of soluble fibrin and early products of fibrin degradation. Konttinen YP, et al. **Thromb Diath Haemorrh** 28:342-50, 31 Dec 72

[Disseminated intravascular coagulation] Wang FY, et al. **Chin Med J** 5:309-15, 1973 (13 ref.) **(Chi)**

[Periodic fever, chill, shock and hemorrhagic tendency] **Chin Med J** 5:316-20, 1973 **(Chi)**

[Disseminated intravascular coagulation (DIC). I. Experimental DIC in animals and spontaneous DIC in man] Slappendel RJ. **Tijdschr Diergeneeskd** 98:605-15, 1 Jul 73 (60 ref.) (Eng. Abstr.) **(Dut)**

[Variations of plasminogen in newborn and premature infants] Potron G, et al. **Arch Fr Pediatr** 29:583-92, Jun-Jul 72 (Eng. Abstr.) **(Fre)**

[Determination of fibrinogen and fibrin degradation products (DFP) in the acute stage of myocardial infarction] Baele G, et al. **Arch Mal Coeur** 66:427-9, Apr 73 (Eng. Abstr.) **(Fre)**

[Dissecting aneurysm of the aorta causing consumption coagulopathy] Fendler JP, et al. **Nouv Presse Med** 2:971-4, 14 Apr 73 (Eng. Abstr.) **(Fre)**

[Acute disseminated intravascular coagulation in an obstetrical unit. Study of 9 cases. Diagnostic criteria. Therapeutic management] Cornu P, et al. **Sem Hop Paris** 49:1419-28, 26 Apr 73 (Eng. Abstr.) **(Fre)**

[Measurement of fibrinogen degradation products: its usefulness in consumption coagulopathies] Thuot C, et al. **Union Med Can** 102:66-9, Jan 73 (Eng. Abstr.) **(Fre)**

[Blood coagulation studies using capillary blood. II. Thrombin time and fibrinogen] Pothmann R, et al. **Blut** 26:380-7, Jun 73 (Eng. Abstr.) **(Ger)**

[Consumption coagulopathy: a clinical, diagnostical, therapeutic and pathogenetic consideration] Zenner O, et al. **Hautarzt** 24:139-45, Apr 73 (Eng. Abstr.) **(Ger)**

[Diagnosis and therapy of blood coagulation disorders in obstetrics and gynecology] Felder KD. **Med Klin** 67:1220-6, 22 Sep 72 **(Ger)**

[Disseminated intravascular coagulation as a hemorrhagic complication in surgery] Glassner K, et al. **Med Monatsschr** 26:233-5, May 72 **(Ger)**

[Diagnosis of the consumption coagulopathy] Fischer M. **Wien Klin Wochenschr** 85:319-23, 4 May 73 (Eng. Abstr.) **(Ger)**

[Diagnosis and therapy of consumption coagulopathy] Lechner K. **Wien Klin Wochenschr** 85:467-70, 29 Jun 73 (Eng. Abstr.) **(Ger)**

[Influence of gestation on the blood coagulation system and diagnosis of possible disorders] Günter M, et al. **Z Aerztl Fortbild (Jena)** 67:209-15, 1 Mar 73 (37 ref.) **(Ger)**

[Consumption coagulopathies in childhood] Heinrichs C, et al. **Z Aerztl Fortbild (Jena)** 66:853-9, 1 Sep 72 **(Ger)**

[Disseminated intravascular coagulation] Amir J. **Harefuah** 83:29-32, 2 Jul 72 (20 ref.) **(Heb)**

[3 cases of defibrination syndrome in infants] Violante N, et al. **Minerva Pediatr** 25:161-5, 11 Feb 73 (Eng. Abstr.) **(Ita)**

[Changes of parameters of coagulation and fibrinolysis in disseminated intravascular coagulation] Aoki N. **Jap J Clin Hematol** 14:29-34, Jan 73 (Eng. Abstr.) **(Jap)**

[Determination of FDP by staphylococcal clumping test and the significance of the method in consumption coagulopathy] Yamada K, et al. **Jap J Clin Hematol** 13:411-4, Jun 72 **(Jap)**

[Consumption coagulopathy in internal medicine]

Yamada S, et al.
Jap J Clin Hematol 13:199-202, Apr 72 (Jap)
[Syndromes of disseminated intravascular coagulation-from the standpoint of internal medicine] Matsuoka M, et al.
Jap J Clin Med 31:810-21, Apr 73 (59 ref.) (Jap)
[Syndromes of intravascular coagulation-in the field of surgery] Ninomiya K.
Jap J Clin Med 31:822-30, Apr 73 (44 ref.) (Jap)
[Disseminated intravascular coagulation] Maekawa T.
Jap J Clin Pathol 21:24-30, Jan 73 (7 ref.) (Jap)
[Case of sepsis in the course of pregnancy complicated by intravascular blood clotting] Stempień R, et al.
Ginekol Pol 44:309-14, Mar 73 (Eng. Abstr.) (Pol)
[Primary and secondary cor pulmonale syndrome of thromboembolic origin. Primary and secondary local intravascular coagulation syndrome with pulmonary localization] Dyk T, et al.
Pol Arch Med Wewn 50:807-14, Aug 73 (Eng. Abstr.) (Pol)
[Clinical aspects of disseminated intravascular coagulation in children] Myśliwiec B.
Pol Tyg Lek 28:67-70, 8 Jan 73 (23 ref.) (Pol)
[Clinico-pathological correlation in disseminated intravascular coagulation. Study in 9 autopsy cases] Capote L, et al.
Rev Clin Esp 128:107-18, 31 Jan 73 (Eng. Abstr.) (Spa)
[Paracoagulation tests in the diagnosis of the disseminated intravascular coagulation syndrome] Torres A, et al.
Sangre (Barc) 18:69-79, 1973 (Eng. Abstr.) (Spa)

DRUG THERAPY

Failure of subcutaneous heparin treatment in a case of disseminated intravascular coagulation. Stevens W, et al. **Acta Haematol (Basel)** 48:245-50, 1972
Disseminated intravascular coagulation. Pierce LE.
Am Fam Physician 7:118-25, Feb 73
Bleeding and infection. Kisker CT, et al.
Am J Dis Child 124:483-4, Oct 72
Perspective: heparin therapy for disseminated intravascular coagulation. Marcus AJ.
Am J Med Sci 264:365-6, Nov 72
Disseminated intravascular coagulation following cardiac arrest: a study of 15 patients. Mehta B, et al.
Am J Med Sci 264:353-63, Nov 72
Fatal disseminated intravascular coagulation and hemolytic anemia following stibophen therapy: a study of basic mechanisms. Weiss HJ, et al.
Am J Med Sci 264:375-84, Nov 72
Therapy of acute meningococcal infections: early volume expansion and prophylactic low dose heparin. Wilson FE, et al. **Am J Med Sci** 264:445-55, Dec 72
Heparin in disseminated intravascular coagulation. Pritchard JA.
Am J Obstet Gynecol 115:871-2, 15 Mar 73
Portal venous gas (PVG) as an indication for heparinization. Sibbald WJ, et al.
Am J Surg 124:690-3, Nov 72
Small transfusion, severe reaction. Degnan TJ, et al.
Ann Intern Med 78:452-3, Mar 73
Heparin therapy in meningococcal septicaemia. Hunter J. **Arch Dis Child** 48:233-5, Mar 73
Chronic intravascular coagulation in metastatic prostate cancer. Samaha RJ, et al.
Arch Surg 106:295-8, Mar 73
Defibrination syndrome or? Merskey C.
Blood 41:599-603, Apr 73
The skin in disseminated intravascular coagulation. Prospective analysis of thirty-six cases. Robboy SJ, et al. **Br J Dermatol** 88:221-9, Mar 73
Prolonged prothrombin time and partial thromboplastin time in disseminated intravascular coagulation not due to deficiency of factors V and VIII. Mant MJ, et al. **Br J Haematol** 24:725-34, Jun 73
Mechanisms of thrombocytopenia in malignant tertian malaria. Skudowitz RB, et al. **Br Med J** 2:515-8, 2 Jun 73
Pulmonary hemorrhage syndrome as a manifestation of disseminated intravascular coagulation: analysis of ten cases. Robboy SJ, et al. **Chest** 63:718-21, May 73
Anesthetic management of the high-risk pregnancy. Alper MH, et al. **Clin Obstet Gynecol** 16:347-60, Mar 73
Defibrination syndrome after snake bite. Sezi CL, et al.
East Afr Med J 49:589-96, Aug 72
Purpura fulminans following varicella. Report of a case with recovery after heparin therapy. De Koning J, et al. **Helv Paediatr Acta** 27:177-85, Jun 72
Gangrene of lower extremities in a newborn infant associated with intravascular coagulation (recession of gangrene after heparin therapy). Manios SG, et al.
Helv Paediatr Acta 27:187-92, Jun 72
Disseminated intravascular coagulation complicating chickenpox. Naveh Y, et al.
Helv Paediatr Acta 27:193-6, Jun 72
Coagulation problems. Czapek EE.
Int Anesthesiol Clin 11:175-201, Summer 73 (66 ref.)
The disseminated intravascular coagulation syndrome: discussion. **Ir J Med Sci** Suppl:87-96, May 73
Intravascular coagulation and E. coli septicaemia. Preston FE, et al. **J Clin Pathol** 26:120-5, Feb 73
Disseminated intravascular coagulation associated with massive brain injury. Keimowitz RM, et al.
J Neurosurg 39:178-80, Aug 73
Disseminated intravascular coagulation. Kamel K, et al.
J Oral Surg 31:95-7, Feb 73
Waterhouse Friderichsen syndrome. Endotoxin shock treated with massive doses of cortisol. Haslund R.
J Oslo City Hosp 23:49-64, Mar 73
Meningococcal purpura: report of 19 patients treated with heparin. Gérard P, et al.
J Pediatr 82:780-6, May 73
Circulating fibrin in meningococcemia. Kisker CT, et al.
J Pediatr 82:787-91, May 73
Disseminated intravascular coagulation in a newborn infant with Listeria sepsis. Miller R, et al.
J Pediatr 83:640-2, Oct 73
Comsumptive coagulopathy with renal vein thrombosis. Renfield ML, et al.
J Pediatr 82:1054-6, Jun 73
Disseminated intravascular coagulation following extracorporeal circulation. Boyd AD, et al.
J Thorac Cardiovasc Surg 64:685-93, Nov 72
Disseminated intravascular coagulation in burned patients. McManus WF, et al.
J Trauma 13:416-22, May 73
Heparin therapy in simian Plasmodium knowlesi malaria. Howard WA, et al. **Lancet** 2:738-9, 7 Oct 72
Fatalities due to the weed-killer paraquat. Harrison LC, et al. **Med J Aust** 2:774-7, 30 Sep 72
Disseminated intravascular coagulation. Barrocas A.
Milit Med 138:9-13, Jan 73
A practical synopsis of consumption coagulopathy. Nalbandian RM, et al. **Milit Med** 136:349-50, Apr 71
Maternal death due to DIC after saline abortion. Lemkin SR, et al. **Obstet Gynecol** 42:233-5, Aug 73
Acquired coagulation disorders in children. McMillan CW, et al. **Pediatr Clin North Am** 19:1029-45, Nov 72
Anticoagulants: a guide for practitioners. Kingdon HS.
Postgrad Med 54:61-5, Aug 73
Anticoagulants: a guide for practitioners. Kingdon HS.
Postgrad Med 54:88-92 contd, Jul 73
Advances in the treatment of blood disorders. Jacobs A, et al. **Practitioner** 209:496-503, Oct 72 (18 ref.)
Intravascular coagulation--acute and chronic--disseminated and local. McKay DG.
Proc Inst Med Chic 29:159-71, Sep 72 (29 ref.)
Intravascular coagulation and heparin therapy in acute renal failure: a reappraisal. Kleinknecht D, et al.
Rev Eur Etud Clin Biol 17:695-700, Aug-Sep 72
Some recent advances in coagulation--1972. King JB.
S Afr Med J 46:2085-9, 30 Dec 72 (42 ref.)
Disseminated intravascular coagulation in acute alcoholic liver disease. MacMahon AG.
S Afr Med J 47:227-8, 10 Feb 73
Purpura fulminans and disseminated intravascular coagulation. A report of 5 cases in childhood. Rainier-Pope CR. **S Afr Med J** 47:1420-2, 11 Aug 73
Diffuse intravascular coagulation in meningococcaemia. A case report. Schorn D.
S Afr Med J 47:225-6, 10 Feb 73
Heparin therapy in the case of acute liver cirrhosis. Fischer M, et al.
Scand J Gastroenterol [Suppl] 19:135-8, 1973
Chronic intravascular coagulation syndrome associated with atherosclerotic aortic aneurysm. Schnetzer GW 3d, et al. **South Med J** 66:264-8, Feb 73
Complement and coagulation. Serum beta-1c-beta-1a in disseminated intravascular coagulation. Tomar RH, et al. **Thromb Diath Haemorrh** 27:389-95, 31 Jul 72
Exotic snakebite in an urban setting: heparin therapy of disseminated intravascular coagulation in a patient bitten by a saw-scaled viper (Echis carinatus). Christy NP, et al. **Trans Am Clin Climatol Assoc** 84:37-48, 1973
[Disseminated intravascular coagulation] Wang FY, et al. **Chin Med J** 5:309-15, 1973 (13 ref.) (Chi)
[Disseminated intravascular coagulation (DIC). II. Spontaneous DIC in dogs] Slappendel RJ, et al.
Tijdschr Diergeneeskd 98:615-31, 1 Jul 73 (Dut)
[Typhoid, pregnancy and disseminated intravascular

coagulation] Bétourne C, et al.
Ann Med Interne (Paris) 123:671-4, Jun-Jul 72 **(Fre)**
[Dissecting aneurysm of the aorta causing consumption coagulopathy] Fendler JP, et al.
Nouv Presse Med 2:971-4, 14 Apr 73 (Eng. Abstr.) **(Fre)**
[Intravascular coagulation. Its role in renal pathology] Kleinknecht D, et al.
Nouv Presse Med 2:925-8, 7 Apr 73 **(Fre)**
[Ovarian cancer with diffuse vascular thrombosis. Endocardial, arterial and venous involvement. Disseminated intravascular coagulation with cryofibrinogen] Michel D, et al.
Nouv Presse Med 1:2753-8, 18 Nov 72 **(Fre)**
[Transfusion accident due to ABO incompatibility. Heparin therapy] Pire JC, et al.
Rev Fr Transfus 15:331-5, Sep 72 (Eng. Abstr.) **(Fre)**
[Prostate cancer and disseminated intravascular blood coagulation] Durand H, et al.
Sem Hop Paris 49:199-208, 14 Jan 73 (Eng. Abstr.) **(Fre)**
[Current treatment of disseminated intravascular coagulation] Bernier G.
Union Med Can 102:1049-54, May 73 (Eng. Abstr.) **(Fre)**
[Disseminated intravascular coagulation due to shock and its treatment with heparin] Hörder MH, et al.
Helv Chir Acta 39:585-8, Dec 72 **(Ger)**
[Diagnosis and therapy of blood coagulation disorders in obstetrics and gynecology] Felder KD.
Med Klin 67:1220-6, 22 Sep 72 **(Ger)**
[Significance of intravascular coagulation disease in postraumatic respiratory insufficiency. 1st experience with heparin treatment] Schamaun M, et al.
Schweiz Med Wochenschr 103:941-6, 30 Jun 73 (Eng. Abstr.) **(Ger)**
[Consumption coagulopathy in obstructive septic pyelonephritis] Skoluda D, et al.
Urologie [A] 12:21-4, Jan 73 (Eng. Abstr.) **(Ger)**
[Diagnosis of the consumption coagulopathy] Fischer M.
Wien Klin Wochenschr 85:319-23, 4 May 73 (Eng. Abstr.) **(Ger)**
[Consumption coagulopathy in patients with Klippel-Trenaunay syndrome] Fischer M, et al.
Wien Klin Wochenschr 85:207-12, 30 Mar 73 (Eng. Abstr.) **(Ger)**
[Diagnosis and therapy of consumption coagulopathy] Lechner K.
Wien Klin Wochenschr 85:467-70, 29 Jun 73 (Eng. Abstr.) **(Ger)**
[Disseminated intravascular coagulation] Amir J.
Harefuah 83:29-32, 2 Jul 72 (20 ref.) **(Heb)**
[Thrombosis in the heart patient] Galliera O.
Cardiol Prat 23:91-9, Apr-Jun 72 (Eng. Abstr.) **(Ita)**
[Consumption coagulopathy in respiratory insufficiency of the premature infant. Treatment with heparin] Console V, et al.
Minerva Pediatr 25:874-82, 1973 **(Ita)**
[Consumption coagulopathy in internal medicine] Kagami M.
Jap J Clin Hematol 13:177-85, Apr 72 (Eng. Abstr.) **(Jap)**
[Effects of heparin in consumption coagulopathy] Matsuda T, et al.
Jap J Clin Hematol 13:203-4, Apr 72 **(Jap)**
[Fibrinolysis associated with consumption coagulopathy] Moriguchi T.
Jap J Clin Hematol 13:157-66, Apr 72 (Eng. Abstr.) **(Jap)**
[Syndromes of disseminated intravascular coagulation-from the standpoint of internal medicine] Matsuoka M, et al.
Jap J Clin Med 31:810-21, Apr 73 (59 ref.) **(Jap)**
[Syndromes of intravascular coagulation-in the field of surgery] Ninomiya K.
Jap J Clin Med 31:822-30, Apr 73 (44 ref.) **(Jap)**
[Disseminated intravascular coagulation] Maekawa T.
Jap J Clin Pathol 21:24-30, Jan 73 (7 ref.) **(Jap)**
[Experimental intravascular blood clotting] Janda R.
Folia Med Cracov 14:335-456, 1972 (Eng. Abstr.) **(Pol)**
[Clinical aspects of disseminated intravascular coagulation in children] Myśliwiec B.
Pol Tyg Lek 28:67-70, 8 Jan 73 (23 ref.) **(Pol)**

ETIOLOGY

The fibrinolytic enzyme system in leukaemia, myelomatosis and myeloproliferative diseases. Ogston D, et al. **Acta Haematol (Basel)** 48:322-30, 1972
The fibrinolytic enzyme system in malignant lymphomas. Ogston D, et al.
Acta Haematol (Basel) 49:89-95, 1973
Failure of subcutaneous heparin treatment in a case of disseminated intravascular coagulation. Stevens W, et al. **Acta Haematol (Basel)** 48:245-50, 1972
Bleeding and infection. Kisker CT, et al.
Am J Dis Child 124:483-4, Oct 72
Coagulation in cyanotic congenital heart disease. Wedemeyer AL, et al.
Am J Dis Child 124:656-60, Nov 72
Blood coagulation studies in Plasmodium falciparum malaria. Butler T, et al. **Am J Med Sci** 265:63-7, Jan 73
Perspective: heparin therapy for disseminated intravascular coagulation. Marcus AJ.
Am J Med Sci 264:365-6, Nov 72
Disseminated intravascular coagulation following cardiac arrest: a study of 15 patients. Mehta B, et al.
Am J Med Sci 264:353-63, Nov 72
Coagulation studies in the hypertensive toxemias of pregnancy. Davidson EC Jr, et al.
Am J Obstet Gynecol 113:905-10, 1 Aug 72
Disseminated intravascular coagulation resulting in severe hemorrhage, following the intraamniotic injection of hypertonic saline to induce abortion. Sedaghat A, et al.
Am J Obstet Gynecol 114:841-3, 15 Nov 72
Studies on the pathogenesis of clotting defects during salt-induced abortions. Talbert LM, et al.
Am J Obstet Gynecol 115:656-62, 1 Mar 73
Defibrination syndrome after intra-amniotic infusion of hypertonic saline. Weiss AE, et al.
Am J Obstet Gynecol 113:868-74, 1 Aug 72
The mechanism of renal glomerular capillary retention of carbon in disseminated intravascular coagulation. Donald KJ, et al. **Am J Pathol** 70:245-52, Feb 73
Nonfulminant fat embolism: review of concepts on its genesis and physiopathology. Weisz GM, et al.
Anesth Analg (Cleve) 52:303-9, Mar 73 (38 ref.)
Small transfusion, severe reaction. Degnan TJ, et al.
Ann Intern Med 78:452-3, Mar 73
Bacterial risk in staging splenectomy. Stiver G, et al.
Ann Intern Med 76:670, Apr 72
Coagulation changes of septic shock in the sub-human primate and their relationship to hemodynamic changes. Horowitz DL, et al.
Ann Surg 175:417-23, Mar 72
Hypothermia and coagulation defects in the newborn. Chadd MA, et al. **Arch Dis Child** 47:819-21, Oct 72
Coagulation studies in haemolytic uraemic syndrome. Willoughby ML, et al. **Arch Dis Child** 47:766-71, Oct 72
Disseminated intravascular coagulation in trypanosomiasis. Barret-Connor E, et al.
Arch Intern Med 131:574-7, Apr 73
Chronic intravascular coagulation in metastatic prostate cancer. Samaha RJ, et al.
Arch Surg 106:295-8, Mar 73
Acute disseminated intravascular coagulation in systemic lupus erythematosus. Whitaker AN, et al.
Aust NZ J Med 2:182-7, May 72
Severe postabortal Clostridium welchii infection: trends in management. O'Neill JP, et al.
Aust NZ J Obstet Gynaecol 12:157-65, Aug 72
Intravascular coagulation in acute leukemia: clinical and subclinical abnormalities. Grainick HR, et al.
Blood 40:709-18, Nov 72
Microangiopathic haemolytic anaemia associated with hypercalcaemia in an experimental rat tumour. Hilgard P, et al. **Br J Haematol** 24:245-54, Feb 73
Experimental transfusion reactions in monkeys: haemolytic, coagulant and renal effects of transfused isoimmune IgG and IgM. Lopas H, et al.
Br J Haematol 23:765-76, Dec 72
Relationship between blast-cell morphology and occurrence of a syndrome of disseminated intravascular coagulation. Sultan C, et al.
Br J Haematol 24:255-9, Feb 73
Intravascular coagulation complicating influenza A virus infection. Davison AM, et al.
Br Med J 1:654-5, 17 Mar 73
Fibrinogen-fibrin degradation product levels in different types of intravascular haemolysis. Slater SD, et al. **Br Med J** 3:471-3, 1 Sep 73
Studies of intravascular coagulation in experimental burns of dogs. Encke A, et al.
Bull Soc Int Chir 31:445-51, Sep-Oct 72
Experience with disseminated intravascular

coagulation in a children's hospital. Whaun JM, et al. **Can Med Assoc J** 107:963-7, 18 Nov 72

Disseminated intravascular coagulation in cancer patients: supportive evidence. Peck SD, et al. **Cancer** 31:1114-9, May 73

Disseminated intravascular coagulation. **Cent Afr J Med** 19:59, Mar 73

"Shock lung" syndrome following diabetic ketoacidosis; treatment with heparin. Pleet AB. **Chest** 63:434-6, Mar 73

Septic shock. Schweizer O, et al. **Clin Anesth** 9:125-30, 1972

Gangrene of the extremities in a newborn premature infant. Report of a case associated with pulmonary hyaline membrane disease. Schenken JR. **Clin Pediatr (Phila)** 12:285-7, May 73

Defibrination syndrome after snake bite. Sezi CL, et al. **East Afr Med J** 49:589-96, Aug 72

On coagulation and fibrinolysis in trauma and shock. Pandolfi M, et al. **Eur Surg Res** 4:153-65, 1972

Kasabach-Merritt syndrome in an adult. Boros G, et al. **Haematologia (Budap)** 7:83-96, 1973

Coagulation studies and streptokinase therapy in the haemolytic-uraemic syndrome. Monnens L, et al. **Helv Paediatr Acta** 27:45-54, Apr 72

Disseminated intravascular coagulation complicating chickenpox. Naveh Y, et al. **Helv Paediatr Acta** 27:193-6, Jun 72

Consumptive coagulopathy in typhoid fever. Sharma DB, et al. **Indian J Pediatr** 39:375-8, Nov 72

Effects of disseminated intravascular coagulation on pulmonary circulation and respiration. Olsson P, et al. **Int Anesthesiol Clin** 10:173-9, Winter 72

Shock lung. Hardaway RM. **Int Surg** 58:308-10, May 73

Clinical problems associated with the disseminated intravascular coagulation syndrome. Mayne EE. **Ir J Med Sci Suppl**:78-83, May 73

Clinical problems associated with the disseminated intravascular coagulation syndrome. Mayne EE. **Ir J Med Sci** 78-83, May 73

Consumption coagulopathy following haemolytic crisis in glucose-6-phosphate dehydrogenase deficient subjects. Dube B, et al. **J Assoc Physicians India** 20:455-8, Jun 72

Intravascular coagulation and renal failure in E. coli septicaemia. Preston FE, et al. **J Clin Pathol** 25:1006-7, Nov 72

The activation of coagulation by extracts of mucus: a possible pathway of intravascular coagulation accompanying adenocarcinomas. Pineo GF, et al. **J Lab Clin Med** 82:255-66, Aug 73

Labelled fibrinogen. A brief review. Bettigole RE. **J Med (Basel)** 4:55-9, 1973

Neonatal intravascular coagulation associated with abruptio placentae. al-Salihi FL. **J Med Soc NJ** 70:381-3, May 73

Disseminated intravascular coagulation associated with massive brain injury. Keimowitz RM, et al. **J Neurosurg** 39:178-80, Aug 73

Cavernous hemangioma and chronic intravascular coagulation in a gynaecological patient. Groll M, et al. **J Obstet Gynaecol Br Commonw** 79:725-7, Aug 72

On the pathogenesis of pre-eclampsia and eclampsia. Page EW. **J Obstet Gynaecol Br Commonw** 79:883-94, Oct 72 (76 ref.)

Meningococcal purpura: report of 19 patients treated with heparin. Gérard P, et al. **J Pediatr** 82:780-6, May 73

Heparin therapy in acute meningococcemia. Hathaway WE. **J Pediatr** 82:900-1, May 73

Circulating fibrin in meningococcemia. Kisker CT, et al. **J Pediatr** 82:787-91, May 73

Auxiliary liver perfusion in the pig. Effect of ischaemically damaged livers on recipient animals. Cuschieri A, et al. **J Surg Res** 13:188-96, Oct 72

Disseminated intravascular coagulation following extracorporeal circulation. Boyd AD, et al. **J Thorac Cardiovasc Surg** 64:685-93, Nov 72

Disseminated intravascular coagulation in burned patients. McManus WF, et al. **J Trauma** 13:416-22, May 73

Amniotic fluid embolism and disseminated intravascular coagulation after blunt abdominal trauma. Olcott C 4th, et al. **J Trauma** 13:737-40, Aug 73

Disseminated intravascular coagulation: diagnosis and treatment of a hemorrhagic diathesis after prostatectomy. Pickens RL, et al. **J Urol** 108:951-3, Dec 72

Placenta percreta invading bladder. Silber SJ, et al. **J Urol** 109:615-8, Apr 73

Hypertonic saline-induced abortion. Correlation of fetal death with disseminated intravascular coagulation. Glueck HI, et al. **JAMA** 225:28-31, 2 Jul 73

Covert consumption coagulopathy--a call to vigilance. Vaisrub S. **JAMA** 224:1523, 11 Jun 73

Blood coagulation and platelet abnormalities in cyanotic congenital heart-disease. Goldschmidt B. **Lancet** 1:607, 17 Mar 73

Thrombotic thrombocytopenic purpura presenting with gynaecological manifestations. Mitch WE, et al. **Lancet** 1:849-50, 21 Apr 73

Thrombotic thrombocytopenic purpura presenting with gynaecological manifestations. Mitch WE, et al. **Lancet** 808:849-50, 21 Apr 73

Thrombotic thrombocytopenic purpura and gynaecological manifestations. Yudis M. **Lancet** 1:1445, 23 Jun 73

Endotoxin shock in infants and children. Sonnenschein H. **Med Trial Tech Q** 19:134-43, Fall 72

Complications and residuals of meningococcal disease. Everett ED. **Milit Med** 136:612-6, Jul 71

[Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 7-1973. Castleman B, et al. **N Engl J Med** 288:363-7, 15 Feb 73

Coagulopathy syndrome due to streptococci. Jewett JF. **N Engl J Med** 289:43-4, 5 Jul 73

Microangiopathic hemolytic anemia and thrombocytopenia in primary pulmonary hypertension. Stuard ID, et al. **N Engl J Med** 287:869-70, 26 Oct 72

Acquired coagulation disorders in children. McMillan CW, et al. **Pediatr Clin North Am** 19:1029-45, Nov 72

Evolution of blood clotting factor leves in premature infants during the first 10 days of life: a study of 96 cases with comparison between clinical status and blood clotting factor levels. Jensen AH, et al. **Pediatr Res** 7:638-44, Jul 73

Cancer of the colon and disseminated intravascular coagulation. **Postgrad Med** 53:149-51 passim, Jun 73

Intravascular coagulation--acute and chronic--disseminated and local. McKay DG. **Proc Inst Med Chic** 29:159-71, Sep 72 (29 ref.)

Intravascular coagulation and heparin therapy in acute renal failure: a reappraisal. Kleinknecht D, et al. **Rev Eur Etud Clin Biol** 17:695-700, Aug-Sep 72

Diffuse intravascular coagulation in meningococcaemia. A case report. Schorn D. **S Afr Med J** 47:225-6, 10 Feb 73

Heart lymph flow and aspartate aminotransferase activity after infusion of thrombin and tranexamic acid in the dog. Lindquist O, et al. **Scand J Clin Lab Invest** 30:145-51, Oct 72

Thrombocytopenia and bleeding complications in severe cases of meningococcal infection treated with heparin, dextran 70 and chlorpromazine. Niklasson PM, et al. **Scand J Infect Dis** 4:183-91, 1972

Intravascular coagulation in infection: a study by radio-fibrinogen. Wardle EN. **Scand J Infect Dis** 4:155-9, 1972

Therapy of leukemia and lymphoma. Rigberg S, et al. **Semin Drug Treat** 3:73-85, Summer 73

Diabetic keto-acidosis complicated by disseminated intravascular coagulation. Cooper MR, et al. **South Med J** 66:653-7, Jun 73

Complement and coagulation in Rocky Mountain spotted fever. Graybill JR, et al. **South Med J** 66:410-3, Apr 73

Hypertonic saline-induced abortion complicated by consumptive coagulopathy: a case report. Morrison JC, et al. **South Med J** 66:561-2, May 73

Chronic intravascular coagulation syndrome associated with atherosclerotic aortic aneurysm. Schnetzer GW 3d, et al. **South Med J** 66:264-8, Feb 73

Disseminated intravascular coagulation as a possible cause of acute respiratory failure. Hardaway RM 3d. **Surg Gynecol Obstet** 137:419-23, Sep 73

Exchange transfusion experiments in rats inducing intravascular coagulation. Theiss W, et al. **Surg Gynecol Obstet** 135:713-6, Nov 72

Arteriovenous fistula and false aneurysm as the cause of consumption coagulopathy. Rhodes GR, et al. **Surgery** 73:535-40, Apr 73

Developments in transient hemorrhagic disorders. Rowe AJ, et al. **Tex Med** 69:72-8, Feb 73 (78 ref.)

Thrombocytopenia caused by antigen-antibody reactions with special reference to intravascular coagulation. Fedder G, et al. **Thromb Diath Haemorrh** 27:452-60, 31 Jul 72

Acute promyelocytic leukemia in a patient with hemophilia. Evidence for rapid consumption of clotting factors. Green D.
Thromb Diath Haemorrh 27:516-22, 31 Jul 72

Different stimuli to disseminated intravascular coagulation in liver diseases. Liehr H, et al.
Thromb Diath Haemorrh 28:325-6, 31 Oct 72

Exotic snakebite in an urban setting: heparin therapy of disseminated intravascular coagulation in a patient bitten by a saw-scaled viper (Echis carinatus). Christy NP, et al. **Trans Am Clin Climatol Assoc** 84:37-48, 1973

[Disseminated intravascular coagulation] Wang FY, et al. **Chin Med J** 5:309-15, 1973 (13 ref.) (Chi)

[4 cases of allergic reactions to heparin] Lebeaupin R, et al. **Anesth Analg (Paris)** 29:487-96, Jul-Aug 72 (Fre)

[Typhoid, pregnancy and disseminated intravascular coagulation] Bétourne C, et al.
Ann Med Interne (Paris) 123:671-4, Jun-Jul 72 (Fre)

[Disseminated intravascular coagulation during acute pancreatitis in a cirrhotic] Vermesse G, et al.
Lille Med 17:987-97, Aug-Sep 72 (Fre)

[The defibrination syndrome, complication of an atheromatous aneurysm of the thoracic aorta: clinical, biological and anatomical study] Kolodie L, et al.
Lyon Med 227:1075-80, 11 Jun 72 (Eng. Abstr.) (Fre)

[Consumption coagulopathy in arterial surgery] Descotes J, et al.
Nouv Presse Med 2:1611, 9 Jun 73 (Fre)

[Dissecting aneurysm of the aorta causing consumption coagulopathy] Fendler JP, et al.
Nouv Presse Med 2:971-4, 14 Apr 73 (Eng. Abstr.) (Fre)

[Coagulation disorders during continuous reinjections of ascitic fluid. Fibrinolysis or intravascular coagulation?] Levy VG, et al.
Nouv Presse Med 2:446, 17 Feb 73 (Fre)

[Ovarian cancer with diffuse vascular thrombosis. Endocardial, arterial and venous involvement. Disseminated intravascular coagulation with cryofibrinogen] Michel D, et al.
Nouv Presse Med 1:2753-8, 18 Nov 72 (Fre)

[In-vitro "thromboplastic" activity of leukocytes and intravascular blood coagulation in leukemias] Gouault-Heilmann M, et al.
Pathol Biol (Paris) Suppl:56-64, Dec 72 (Eng. Abstr.) (Fre)

[Disseminated intravascular coagulation with ischemic disorders of the extremities and multiple bone lesions in a small infant with septicemia] Beyer P, et al.
Pediatrie 27:423-32, Jun 72 (Fre)

[The amniotic embolism] Monsaillier JF, et al.
Poumon Coeur 28:545-52, Sep 72 (Eng. Abstr.) (Fre)

[Transfusion accident due to ABO incompatibility. Heparin treatment] Pire JC, et al.
Rev Fr Transfus 15:331-5, Dec 72 (Eng. Abstr.) (Fre)

[Transfusion accident due to ABO incompatibility. Heparin therapy] Pire JC, et al.
Rev Fr Transfus 15:331-5, Sep 72 (Eng. Abstr.) (Fre)

[Aspergillar septicemia and disseminated aspergillosis (apropos of 2 cases)] Bertrand G, et al.
Sem Hop Paris 48:2599-606, 8 Oct 72 (Fre)

[Prostate cancer and disseminated intravascular blood coagulation] Durand H, et al.
Sem Hop Paris 49:199-208, 14 Jan 73 (Eng. Abstr.) (Fre)

[Disseminated intravascular coagulation in spontaneous panleukopenia of domestic and wild cats] Hoffmann R.
Berl Munch Tieraerztl Wochenschr 86:72-4, 15 Feb 73 (Eng. Abstr.) (Ger)

[Significance of blood glycogen following stress-induced metabolic disorders] Stremmel W.
Bruns Beitr Klin Chir 220:297-305, May 73 (Eng. Abstr.) (Ger)

[Diagnostic and therapeutic guidelines in severe hemorrhages of the upper intestinal tract] Zimmermann HG. **Chirurg** 43:564-8, Dec 72 (Ger)

[Consumption coagulopathy: a clinical, diagnostical, therapeutic and pathogenetic consideration] Zenner O, et al.
Hautarzt 24:139-45, Apr 73 (Eng. Abstr.) (Ger)

[Disseminated intravascular coagulation due to shock and its treatment with heparin] Hörder MH, et al.
Helv Chir Acta 39:585-8, Dec 72 (Ger)

[Special respiratory problems in the multiple injured] Vogel W, et al.
Langenbecks Arch Chir 329:491-503, Dec 71 (Eng. Abstr.) (Ger)

[Functional and clinical studies of the lung in shock] Zimmermann WE, et al.
Langenbecks Arch Chir 329:671-82, Dec 71 (Eng. Abstr.) (Ger)

[Stress-induced metabolic changes and increased thrombocyte aggregation following surgical treatment and injuries] Stremmel W.
Munch Med Wochenschr 115:416-21, 9 Mar 73 (Eng. Abstr.) (Ger)

[Significance of intravascular coagulation disease in postraumatic respiratory insufficiency. 1st experience with heparin treatment] Schamaun M, et al.
Schweiz Med Wochenschr 103:941-6, 30 Jun 73 (Eng. Abstr.) (Ger)

[Consumption coagulopathy in obstructive septic pyelonephritis] Skoluda D, et al.
Urologie [A] 12:21-4, Jan 73 (Eng. Abstr.) (Ger)

[Coagulation changes following injection of a purified contact activation product] Barth P, et al.
Verh Dtsch Ges Inn Med 77:1029-32, 1971 (Ger)

[Animal experiment studies on the release mechanism of consumption coagulopathy due to immunologic reactions] Mueller-Eckhardt C, et al.
Verh Dtsch Ges Inn Med 77:1157-9, 1971 (Ger)

[Diagnosis of the consumption coagulopathy] Fischer M.
Wien Klin Wochenschr 85:319-23, 4 May 73 (Eng. Abstr.) (Ger)

[Pathogenesis of the septic-toxic shock] Bartel J.
Z Aerztl Fortbild (Jena) 66:753-8, 1 Aug 72 (49 ref.) (Ger)

[Consumption coagulopathies in childhood] Heinrichs C, et al.
Z Aerztl Fortbild (Jena) 66:853-9, 1 Sep 72 (Ger)

[Pathogenesis and the pathologic morphology of disseminated intravascular coagulation of blood during birth] Rafii MR, et al.
Z Geburtshilfe Perinatol 176:207-16, Jun 72 (Eng. Abstr.) (Ger)

[Clinical aspects and diagnostics of plague] Velimirovic B.
Z Tropenmed Parasitol 24:96-104, Mar 73 (Eng. Abstr.) (Ger)

[Thrombosis in the heart patient] Galliera O.
Cardiol Prat 23:91-9, Apr-Jun 72 (Eng. Abstr.) (Ita)

[Blood coagulation in the course of some kidney diseases in children] Mancini AF, et al.
Minerva Pediatr 25:751-9, 12 May 73 (Eng. Abstr.) (Ita)

[Hemorrhagic diathesis with increased fibrinolytic enzyme activities in the field of surgery] Murakami F, et al.
Jap J Clin Hematol 13:187-94, Apr 72 (Eng. Abstr.) (Jap)

[Syndromes of disseminated intravascular coagulation-from the standpoint of internal medicine] Matsuoka M, et al.
Jap J Clin Med 31:810-21, Apr 73 (59 ref.) (Jap)

[Syndromes of intravascular coagulation-in the field of surgery] Ninomiya K.
Jap J Clin Med 31:822-30, Apr 73 (44 ref.) (Jap)

[Disseminated intravascular coagulation] Maekawa T.
Jap J Clin Pathol 21:24-30, Jan 73 (7 ref.) (Jap)

[Blood clotting and fibrinolysis disorders in acute pancreatitis] Gabryelewicz A.
Acta Haematol Pol 2:319-25, Oct-Dec 71 (Eng. Abstr.) (Pol)

[Blood coagulation and fibrinolysis disorders connected with open heart surgery using extracorporeal circulation] Palester-Chlebowczyk M, et al.
Acta Haematol Pol 2:163-8, Apr-Jun 71 (Eng. Abstr.) (Pol)

[Disseminated intravascular clotting in liver cirrhosis] Krug H, et al.
Pol Arch Med Wewn 50:243-9, Mar 73 (Eng. Abstr.) (Pol)

[Studies of fibrinolytic activity and disseminated intravascular coagulation in chronic hepatitis and liver cirrhosis] Kleinstein I, et al.
Rev Med Chir Soc Med Nat Iasi 76:311-8, Apr-Jun 72 (Eng. Abstr.) (Rum)

[Study of the coagulolytic system in chronic cor pulmonale. I. The disseminated intravascular coagulation syndrome] Tacu V, et al.
Rev Med Chir Soc Med Nat Iasi 76:905-12, Oct-Dec 72 (Eng. Abstr.) (Rum)

[Disseminated intravascular coagulation and hemolytic anemia (special reference to Evans' syndrome)] Salvioli JE, et al.
Rev Clin Esp 129:303-8, 15 May 73 (Spa)

[Consumption coagulopathy as a consequence of postembolic shock following massive thromboembolism of a. pulmonalis in experimental animals] Mazuch J, et al.
Bratisl Lek Listy 59:188-98, Feb 73 (Eng. Abstr.) (Slo)

[Case of posttraumatic disseminated intravascular coagulation] Mladinić I.
Vojnosanit Pregl 30:115-6, Mar-Apr 73 (Cro)

IMMUNOLOGY

Intravascular coagulation in hyperacutely rejected liver xenografts. Lukasiewicz H, et al.
Acta Med Pol 14:123-9, 1973

Fatal disseminated intravascular coagulation and hemolytic anemia following stibophen therapy: a study of basic mechanisms. Weiss HJ, et al.
Am J Med Sci 264:375-84, Nov 72

Immune hemolytic transfusion reactions in monkeys: activation of the kallikrein system. Lopas H, et al.
Am J Physiol 225:372-9, Aug 73

Intravascular coagulation--acute and chronic--disseminated and local. McKay DG.
Proc Inst Med Chic 29:159-71, Sep 72 (29 ref.)

Complement and coagulation. Serum beta-1c-beta-1a in disseminated intravascular coagulation. Tomar RH, et al. **Thromb Diath Haemorrh 27:389-95, 31 Jul 72**

METABOLISM

The mechanism of renal glomerular capillary retention of carbon in disseminated intravascular coagulation. Donald KJ, et al. **Am J Pathol 70:245-52, Feb 73**

Fibrinogen and albumin catabolism in experimental pancreatitis in the rat. Wardle EN.
Clin Sci 44:26P, Jun 73

Clinical problems associated with the disseminated intravascular coagulation syndrome. Mayne EE.
Ir J Med Sci Suppl:78-83, May 73

Intravascular coagulation in infection: a study by radio-fibrinogen. Wardle EN.
Scand J Infect Dis 4:155-9, 1972

Experimental study of rabbit fibrinogen degradation products. Influence of plasminogen level for the interpretation of serum concentration of fibrinogen degradation products in consumption coagulopathies. Soria J, et al.
Thromb Diath Haemorrh 29:115-21, 28 Feb 73

MICROBIOLOGY

[Clinical aspects of disseminated intravascular coagulation in children] Myśliwiec B.
Pol Tyg Lek 28:67-70, 8 Jan 73 (23 ref.) (Pol)

MORTALITY

Disseminated intravascular coagulation following extracorporeal circulation. Boyd AD, et al.
J Thorac Cardiovasc Surg 64:685-93, Nov 72

Maternal mortality due to acute toxemia. Hibbard LT.
Obstet Gynecol 42:263-70, Aug 73

Maternal death due to DIC after saline abortion. Lemkin SR, et al. **Obstet Gynecol 42:233-5, Aug 73**

[A case of perinatal and maternal death] Bleker OP.
Ned Tijdschr Geneeskd 116:1961-2, 21 Oct 72 (Dut)

[Clinical aspects of disseminated intravascular coagulation in children] Myśliwiec B.
Pol Tyg Lek 28:67-70, 8 Jan 73 (23 ref.) (Pol)

OCCURRENCE

[Disseminated intravascular coagulation in intra-uterine or perinatal stillbirth] Rafii MR, et al.
Z Geburtshilfe Perinatol 177:147-56, Apr 73 (Eng. Abstr.) (Ger)

PATHOLOGY

Pulmonary insufficiency, microembolism and fibrinolysis inhibition in a post-traumatic autopsy material. Lindquist O, et al.
Acta Chir Scand 138:545-9, 1972

Disseminated intravascular coagulation following cardiac arrest: a study of 15 patients. Mehta B, et al.
Am J Med Sci 264:353-63, Nov 72

Reversal of renal failure in Wegener's granulomatosis cy heparin. Whitaker AN, et al.
Am J Med Sci 265:399-406, May 73

The mechanism of renal glomerular capillary retention of carbon in disseminated intravascular coagulation. Donald KJ, et al. **Am J Pathol 70:245-52, Feb 73**

Disseminated intravascular coagulation induced with leukocyte procoagulant. Kociba GJ, et al.
Am J Pathol 69:407-20, Dec 72

Intravascular coagulation and E. coli septicaemia. Preston FE, et al. **J Clin Pathol 26:120-5, Feb 73**

Electron microscopy of muscle biopsies in two cases of meningococcemia. Binette JP, et al.
J Med (Basel) 3:88-96, 1972

Rapid death in childhood. Neff JM, et al.
J Pediatr 83:679-84, Oct 73

Amniotic fluid embolism and disseminated intravascular coagulation after blunt abdominal trauma. Olcott C 4th, et al. **J Trauma 13:737-40, Aug 73**

[Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 7-1973. Castleman B, et al. **N Engl J Med 288:363-7, 15 Feb 73**

Coagulopathy syndrome due to streptococci. Jewett JF.
N Engl J Med 289:43-4, 5 Jul 73

Microangiopathic hemolytic anemia and thrombocytopenia in primary pulmonary hypertension. Stuard ID, et al.
N Engl J Med 287:869-70, 26 Oct 72

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 22-1973.
N Engl J Med 288:1173-80, 31 May 73

Disseminated intravascular coagulation and fetal hydrops in a newborn infant in association with a chorangioma of placenta. Jones CE, et al.
Pediatrics 50:901-7, Dec 72

Cancer of the colon and disseminated intravascular coagulation. **Postgrad Med 53:149-51 passim, Jun 73**

Diabetic keto-acidosis complicated by disseminated intravascular coagulation. Cooper MR, et al.
South Med J 66:653-7, Jun 73

Disseminated intravascular coagulation induced by liquoid in normal, thrombocytopenic and granulocytopenic rabbits. Light and electron microscope studies. Skjorten F, et al.
Thromb Diath Haemorrh 27:377-88, 31 Jul 72

[Periodic fever, chill, shock and hemorrhagic tendency] **Chin Med J 5:316-20, 1973 (Chi)**

[Disseminated intravascular coagulation (DIC). I. Experimental DIC in animals and spontaneous DIC in man] Slappendel RJ.
Tijdschr Diergeneeskd 98:605-15, 1 Jul 73 (60 ref.) (Eng. Abstr.) (Dut)

[Disseminated intravascular coagulation (DIC). II. Spontaneous DIC in dogs] Slappendel RJ, et al.
Tijdschr Diergeneeskd 98:615-31, 1 Jul 73 (Dut)

[2 failures of artificial ventilation in 6 cases of fat embolism and of disseminated intravascular coagulation] Stieglitz P, et al.
Anesth Analg (Paris) 29:761-76, Nov-Dec 72 (Fre)

[Morphological aspects of consumption coagulopathies. Apropos of 36 cases] Fabre J, et al.
Arch Anat Pathol (Paris) 21:211-24, Sep 73 (Eng. Abstr.) (Fre)

[A possible pathogenetic role of intravascular coagulation in the Mallory-Weiss syndrome] Linder M. **Chirurg 43:503-5, Nov 72 (Ger)**

[Pathological anatomy of Waterhouse-Friderichsen syndrome with special reference to disseminated intravascular coagulation] Harms D, et al.
Dtsch Med Wochenschr 98:542-7, 16 Mar 73 (Eng. Abstr.) (Ger)

[Special respiratory problems in the multiple injured] Vogel W, et al.
Langenbecks Arch Chir 329:491-503, Dec 71 (Eng. Abstr.) (Ger)

[Pathogenesis and the pathologic morphology of disseminated intravascular coagulation of blood during birth] Rafii MR, et al.
Z Geburtshilfe Perinatol 176:207-16, Jun 72 (Eng. Abstr.) (Ger)

[Disseminated intravascular coagulation in intra-uterine or perinatal stillbirth] Rafii MR, et al.
Z Geburtshilfe Perinatol 177:147-56, Apr 73 (Eng. Abstr.) (Ger)

[Histological studies on endotoxin shock in miniature swine] Fritsch H, et al.
Z Kreislaufforsch 61:1071-81, Nov 72 (Eng. Abstr.) (Ger)

[Pathogenesis of dysentery in young rabbits. I. Disseminated, intravascular coagulation in experimental dysentery] Hoffmann R, et al.
Z Versuchstierkd 15:50-8, 1973 (Eng. Abstr.) (Ger)

[Three young infants with consumption coagulopathy]

Tsukimoto I, et al.
Jap J Clin Hematol 13:892-8, Oct 72 (Eng. Abstr.) **(Jap)**

[Blood coagulation disorders in an experimental defibrination with concomitant endotoxic shock] Bielski J, et al.
Acta Haematol Pol 3:45-52, Jan-Mar 72 (Eng. Abstr.) **(Pol)**

[Clinico-pathological correlation in disseminated intravascular coagulation. Study in 9 autopsy cases] Capote L, et al.
Rev Clin Esp 128:107-18, 31 Jan 73 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Intravascular coagulation in hyperacutely rejected liver xenografts. Lukasiewicz H, et al.
Acta Med Pol 14:123-9, 1973

Fatal disseminated intravascular coagulation and hemolytic anemia following stibophen therapy: a study of basic mechanisms. Weiss HJ, et al.
Am J Med Sci 264:375-84, Nov 72

The skin in disseminated intravascular coagulation. Prospective analysis of thirty-six cases. Robboy SJ, et al. **Br J Dermatol** 88:221-9, Mar 73

Effects of disseminated intravascular coagulation on pulmonary circulation and respiration. Olsson P, et al.
Int Anesthesiol Clin 10:173-9, Winter 72

Hypertonic saline-induced abortion. Correlation of fetal death with disseminated intravascular coagulation. Glueck HI, et al. **JAMA** 225:28-31, 2 Jul 73

Disseminated intravascular coagulation. Barrocas A.
Milit Med 138:9-13, Jan 73

Different stimuli to disseminated intravascular coagulation in liver diseases. Liehr H, et al.
Thromb Diath Haemorrh 28:325-6, 31 Oct 72

[Intravascular coagulation. Its role in renal pathology] Kleinknecht D, et al.
Nouv Presse Med 2:925-8, 7 Apr 73 **(Fre)**

[Acute renal failure in pernicious malaria] Vachon F, et al.
Nouv Presse Med 2:1035-9, Apr 73 (Eng. Abstr.) **(Fre)**

[Intravascular coagulation and nephropathies] Kanfer A, et al. **Rev Prat** 22:2389-401, 21 May 72 **(Fre)**

[Prostate cancer and disseminated intravascular blood coagulation] Durand H, et al.
Sem Hop Paris 49:199-208, 14 Jan 73 (Eng. Abstr.) **(Fre)**

[Efficiency and limits of laboratory diagnosis of diffuse intravascular blood coagulation processes] Heene DL, et al. **Internist (Berlin)** 14:154-9, Apr 73 **(Ger)**

[Physiopathological changes in endotoxic shock] Glaser E, et al.
Verh Dtsch Ges Inn Med 77:157-61, 1971 **(Ger)**

[Fibrin monomers and the Sanarellis-Schwartzman phenomenon] Müller-Berghaus G, et al.
Verh Dtsch Ges Inn Med 77:161-4, 1971 **(Ger)**

[Diagnosis and therapy of consumption coagulopathy] Lechner K.
Wien Klin Wochenschr 85:467-70, 29 Jun 73 (Eng. Abstr.) **(Ger)**

[Syndromes of intravascular coagulation-in the field of surgery] Ninomiya K.
Jap J Clin Med 31:822-30, Apr 73 (44 ref.) **(Jap)**

PREVENTION & CONTROL

Clinical applications. Schweizer O, et al.
Clin Anesth 9:143-57, 1972

Comparison between the polymyxins and gentamicin in preventing endotoxin-induced intravascular coagulation and leukopenia. Corrigan JJ Jr, et al.
Infect Immun 4:563-6, Nov 71

Prevention of intravascular haemorrhage in low-birthweight babies. Thomas DB, et al.
Lancet 2:562, 8 Sep 73

The use of heparin in meningococcal disease. Oberholzer D, et al.
Proc Mine Med Off Assoc 51:25-31, Jan-Apr 72

Activation of Hageman factor by cardiac arrest. Latour JG, et al. **Thromb Diath Haemorrh** 27:543-53, 31 Jul 72

Prevention of the liquoid-induced consumption coagulopathy by the protease inhibitor aprotinin. Müller-Berghaus G, et al.
Thromb Diath Haemorrh 27:396-406, 31 Jul 72

[Risks of arteriography] Moll JW, et al.
Lyon Chir 68:221-3, May-Jun 72 **(Fre)**

[Medical treatment of acute pancreatitis] Hureau J.
Med Chir Dig 2:25-30, 1973 (Eng. Abstr.) **(Fre)**

[Experience with the administration of heparin for the prevention of the Sanarelli-Shwartzman reaction (SSP) in cases of septic abortions] Koch HH, et al.
Geburtshilfe Frauenheilkd 33:460-3, Jun 73 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

The acute abdomen in the pediatric age group. Singleton EB, et al. **Semin Roentgenol** 8:339-56, Jul 73

THERAPY

Severe postabortal Clostridium welchii infection: trends in management. O'Neill JP, et al.
Aust NZ J Obstet Gynaecol 12:157-65, Aug 72

Experience with disseminated intravascular coagulation in a children's hospital. Whaun JM, et al.
Can Med Assoc J 107:963-7, 18 Nov 72

On coagulation and fibrinolysis in trauma and shock. Pandolfi M, et al. **Eur Surg Res** 4:153-65, 1972

Disseminated intravascular coagulation associated with massive brain injury. Keimowitz RM, et al.
J Neurosurg 39:178-80, Aug 73

Cavernous hemangioma and chronic intravascular coagulation in a gynaecological patient. Groll M, et al.
J Obstet Gynaecol Br Commonw 79:725-7, Aug 72

Heparin therapy in acute meningococcemia. Hathaway WE. **J Pediatr** 82:900-1, May 73

Disseminated intravascular coagulation: diagnosis and treatment of a hemorrhagic diathesis after prostatectomy. Pickens RL, et al.
J Urol 108:951-3, Dec 72

Abnormal bleeding after prostatectomy: illustrative cases and review of management. O'Sullivan EF, et al.
Med J Aust 2:1165-9, 18 Nov 72

[Disseminated intravascular coagulation] Wang FY, et al. **Chin Med J** 5:309-15, 1973 (13 ref.) **(Chi)**

[Disseminated intravascular coagulation (DIC). I. Experimental DIC in animals and spontaneous DIC in man] Slappendel RJ.
Tijdschr Diergeneeskd 98:605-15, 1 Jul 73 (60 ref.) (Eng. Abstr.) **(Dut)**

[2 failures of artificial ventilation in 6 cases of fat embolism and of disseminated intravascular coagulation] Stieglitz P, et al.
Anesth Analg (Paris) 29:761-76, Nov-Dec 72 **(Fre)**

[Acute disseminated intravascular coagulation in an obstetrical unit. Study of 9 cases. Diagnostic criteria. Therapeutic management] Cornu P, et al.
Sem Hop Paris 49:1419-28, 26 Apr 73 (Eng. Abstr.) **(Fre)**

[Consumption coagulopathy: a clinical, diagnostical, therapeutic and pathogenetic consideration] Zenner O, et al.
Hautarzt 24:139-45, Apr 73 (Eng. Abstr.) **(Ger)**

VETERINARY

Principles of cardiopulmonary medicine. Garner HE.
Vet Clin N Amer 3:239-50, May 73 (27 ref.)

[Disseminated intravascular coagulation (DIC). II. Spontaneous DIC in dogs] Slappendel RJ, et al.
Tijdschr Diergeneeskd 98:615-31, 1 Jul 73 **(Dut)**

[Disseminated intravascular coagulation in acute experimental ruminal acidosis in sheep] Hartig F, et al.
Berl Munch Tieraerztl Wochenschr 86:244-5, 1 Jul 73 (Eng. Abstr.) **(Ger)**

[Intravascular microcirculation disorders of the mesenterial lymph nodes in spontaneous edema disease (coli enterotoxemia) of swine] Hartig F, et al.
Berl Munch Tieraerztl Wochenschr 85:361-4, 1 Oct 72 (Eng. Abstr.) **(Ger)**

[Disseminated intravascular coagulation in spontaneous panleukopenia of domestic and wild cats] Hoffmann R.
Berl Munch Tieraerztl Wochenschr 86:72-4, 15 Feb 73 (Eng. Abstr.) **(Ger)**

[Pathogenesis of dysentery in young rabbits. I. Disseminated, intravascular coagulation in experimental dysentery] Hoffmann R, et al.
Z Versuchstierkd 15:50-8, 1973 (Eng. Abstr.) **(Ger)**

EMBOLISM, AMNIOTIC FLUID

Anesthesia and obstetric outcome. Russell ES.
Int Anesthesiol Clin 11:1-15, Summer 73

Amniotic fluid embolism. Courtney LD.
J Ir Med Assoc 66:51, 27 Jan 73

Maternal mortality--amniotic fluid embolism

successfully treated. Hewitt SR.
J Ir Med Assoc 66:50, 27 Jan 73
Study of maternal mortality.
J Ky Med Assoc 71:230, Apr 73
Amniotic fluid embolism. Gregory MG, et al.
Obstet Gynecol 42:236-44, Aug 73
[The amniotic embolism] Monsallier JF, et al.
Poumon Coeur 28:545-52, Sep 72 (Eng. Abstr.) (Fre)
[Amniotic embolism] Cornu P, et al.
Sem Hop Paris 49:1441-8, 26 Apr 73 (Eng. Abstr.) (Fre)

BLOOD

[Thrombocyte aggregation under the influence of intravenous injections of amniotic fluid] Peshkov VK.
Akush Ginekol (Mosk) 47:64-5, Dec 71 (Rus)

COMPLICATIONS

Maternal mortality. Courtney LD.
J Ir Med Assoc 65:580-1, 25 Nov 72
Amniotic fat embolism. New laboratory diagnosis and a case presentation. Huaman A, et al.
J Kans Med Soc 73:441-3, Oct 72
[The amniotic embolism] Monsallier JF, et al.
Poumon Coeur 28:545-52, Sep 72 (Eng. Abstr.) (Fre)
[Amniotic fluid embolism] Schmid J, et al.
Geburtshilfe Frauenheilkd 33:130-2, Feb 73 (Eng. Abstr.) (Ger)
[Diagnosis of the consumption coagulopathy] Fischer M.
Wien Klin Wochenschr 85:319-23, 4 May 73 (Eng. Abstr.) (Ger)
[Pathogenesis and the pathologic morphology of disseminated intravascular coagulation of blood during birth] Rafii MR, et al.
Z Geburtshilfe Perinatol 176:207-16, Jun 72 (Eng. Abstr.) (Ger)
[Sudden death during delivery due to pulmonary amniotic-fluid embolism] Vidoni G.
Ateneo Parmense [Acta Biomed] 41:23-32, Jan-Feb 71 (Eng. Abstr.) (Ita)

DIAGNOSIS

Amniotic fluid embolism. Courtney LD.
J Ir Med Assoc 66:51, 27 Jan 73
Amniotic fat embolism. New laboratory diagnosis and a case presentation. Huaman A, et al.
J Kans Med Soc 73:441-3, Oct 72
Amniotic fluid embolism. Gregory MG, et al.
Obstet Gynecol 42:236-44, Aug 73
[Diagnosis of transient respiratory distress in the newborn] Dehan M.
Nouv Presse Med 2:1053-6, Apr 73 (Eng. Abstr.) (Fre)
[The amniotic embolism] Monsallier JF, et al.
Poumon Coeur 28:545-52, Sep 72 (Eng. Abstr.) (Fre)
[Amniotic embolism] Cornu P, et al.
Sem Hop Paris 49:1441-8, 26 Apr 73 (Eng. Abstr.) (Fre)
[Amniotic fluid embolism] Schmid J, et al.
Geburtshilfe Frauenheilkd 33:130-2, Feb 73 (Eng. Abstr.) (Ger)
[Thromboembolic complications in pregnancy and during delivery] Ludwig H.
Z Geburtshilfe Perinatol 176:169-82, Jun 72 (47 ref.) (Eng. Abstr.) (Ger)

DRUG THERAPY

Amniotic fluid embolism. Courtney LD.
J Ir Med Assoc 66:51, 27 Jan 73
Amniotic fluid embolism. Gregory MG, et al.
Obstet Gynecol 42:236-44, Aug 73

ETIOLOGY

Studies on the pathogenesis of clotting defects during salt-induced abortions. Talbert LM, et al.
Am J Obstet Gynecol 115:656-62, 1 Mar 73
Coagulation problems. Czapek EE.
Int Anesthesiol Clin 11:175-201, Summer 73 (66 ref.)
Amniotic fluid embolism and disseminated intravascular coagulation after blunt abdominal trauma. Olcott C 4th, et al. J Trauma 13:737-40, Aug 73
[Amniotic embolism] Cornu P, et al.
Sem Hop Paris 49:1441-8, 26 Apr 73 (Eng. Abstr.) (Fre)

METABOLISM

[Study of feto-maternal metabolic relations. II. Lipids in the amniotic fluid of normal pregnancy] Shor Pinsker V, et al.
Ginecol Obstet Mex 32:157-65, Aug 72 (Eng. Abstr.) (Spa)

MORTALITY

Fatal amniotic fluid embolism in Dade County: an unusual incidence. McLeod AG.
Am J Obstet Gynecol 113:1103-7, 15 Aug 72
Maternal death study no. 9. Hartman RR.
Ill Med J 142:584-5, Dec 72
Amniotic fluid embolism. Courtney LD.
J Ir Med Assoc 66:51, 27 Jan 73
IMA maternal mortality report for 1971.
J Ir Med Assoc 65:499-505, 21 Oct 72
Study of maternal mortality.
J Ky Med Assoc 71:16-8, Jan 73
From the files of the Committee for the Study of Maternal Mortality. J Ky Med Assoc 71:426-7, Jul 73
Amniotic fluid embolism. Gregory MG, et al.
Obstet Gynecol 42:236-44, Aug 73

PHYSIOPATHOLOGY

[Semeiologic and prognostic value of P50 in severely distressed newborn infants during the 1st 48 hours] Joly JB, et al.
Bull Physiopathol Respir (Nancy) 8:1323-38, Nov-Dec 72 (Eng. Abstr.) (Fre)

RADIOGRAPHY

Amniotic fluid embolism. Gregory MG, et al.
Obstet Gynecol 42:236-44, Aug 73

THERAPY

Maternal mortality--amniotic fluid embolism successfully treated. Hewitt SR.
J Ir Med Assoc 66:50, 27 Jan 73
[The amniotic embolism] Monsallier JF, et al.
Poumon Coeur 28:545-52, Sep 72 (Eng. Abstr.) (Fre)
[Amniotic embolism] Cornu P, et al.
Sem Hop Paris 49:1441-8, 26 Apr 73 (Eng. Abstr.) (Fre)
[Amniotic fluid embolism] Schmid J, et al.
Geburtshilfe Frauenheilkd 33:130-2, Feb 73 (Eng. Abstr.) (Ger)

ETHYL BISCOUMACETATE

ADVERSE EFFECTS

[A case of intramural hematoma of the small bowel during anticoagulant therapy. Resection and cure] Gillet M, et al.
Acta Chir Belg 71:352-61, Oct 72 (Eng. Abstr.) (Fre)

THERAPEUTIC USE

[A case of intramural hematoma of the small bowel during anticoagulant therapy. Resection and cure] Gillet M, et al.
Acta Chir Belg 71:352-61, Oct 72 (Eng. Abstr.) (Fre)
[Arterial diseases of the lower limbs. Treatment with anticoagulants. Value of their long-term use] Jouve A, et al.
Nouv Presse Med 1:2250-2, 30 Sep 72 (Eng. Abstr.) (Fre)
[Puerperal ovarian venous thrombosis] Nervia F, et al.
Zentralbl Gynaekol 14:1403-5, 21 Oct 72 (Ger)

FACTOR V

Recurrent thrombosis in a young woman with a circulating anticoagulant directed against factors XI and XII. Aberg H, et al.
Acta Med Scand 192:419-25, Nov 72
The use of antifibrinolytic drugs to prevent early recurrent aneurysmal subarachnoid haemorrhage. Tovi D. Acta Neurol Scand 49:163-75, 1973
Massive hemorrhage associated with circulating antibodies to factor V. Onuora CA, et al.
Am J Med Sci 265:407-17, May 73
Procoagulant properties of amniotic fluid. Phillips LL, et al. Am J Obstet Gynecol 113:911-9, 1 Aug 72
Determinants of prothrombinase activity and modification of prothrombin conversion by thrombin-treated factor V. Kandall C, et al.
Br J Haematol 23:655-68, Dec 72

Relationships between the haemostatic, complement and kinin-forming systems. Ogston D.
Br J Haematol 25:273, Aug 73

Haemostatic changes during dialysis associated with thrombus formation on dialysis membranes. Lindsay RM, et al. **Br Med J 4:454-8, 25 Nov 72**

Mechanisms of thrombocytopenia in malignant tertian malaria. Skudowitz RB, et al. **Br Med J 2:515-8, 2 Jun 73**

Surgical correction of scoliosis in a child with hemostatic abnormalities secondary to cyanotic congenital heart disease. Bunch WH, et al.
Clin Orthop 89:139-42, 1972

The determination of factor X in tissue homogenates. Evidence for the inactivation of Russell's viper venom by tissue homogenates in the presence of plasma. Woolf IL, et al. **J Lab Clin Med 81:77-84, Jan 73**

The coagulation and fibrinolytic properties of peritoneal and venous blood in patients with ruptured ectopic pregnancy. Carty MJ, et al.
J Obstet Gynaecol Br Commonw 80:701-3, Aug 73

Theory and experience behind the use of coagulation tests in diagnosis and prognosis of liver disease. Koller F. **Scand J Gastroenterol [Suppl] 19:51-61, 1973**

Hemostatic problems in liver surgery. Rö JS.
Scand J Gastroenterol [Suppl] 19:71-81, 1973 (67 ref.)

The diagnostic value of coagulation studies in chronic liver disease. Veltkamp JJ, et al.
Scand J Gastroenterol [Suppl] 19:93-5, 1973

Coagulation and fibrinolysis in simian Plasmodium knowlesi malaria. Sucharit P, et al.
Southeast Asian J Trop Med Public Health 4:15-8, Mar 73

Influence of factor VII on the assay of factor VIII by the one stage method using wettable surface. Altman R, et al. **Thromb Diath Haemorrh 28:457-63, 31 Dec 72**

Cold promoted activation of factor VII. IV. Relation to the coagulation system. Gjonnaess H.
Thromb Diath Haemorrh 28:194-205, 31 Oct 72

The influence of fluid shear on the kinetics of blood coagulation reactions. Spaeth EE, et al.
Trans Am Soc Artif Intern Organs 19:179-87, 1973

Preservation of coagulation factors V and VIII during collection and subsequent storage of bank blood in ACD-A and CPD solutions. Weisert O, et al.
Vox Sang 24:126-33, Feb 73

[Identification and separation of different factors of the venom of Vipera aspis active in hemostasis] Boffa MC, et al. **C R Soc Biol (Paris) 165:2287-93, 1971 (Fre)**

[Major hepatectomy in man. Metabolic consequences] Huguet C, et al.
Nouv Presse Med 2:761-5, Mar 72 (Eng. Abstr.) (Fre)

[Experimental studies on the problem of local Shwartzman phenomenon in the skin. V. Observations on the significance of blood coagulation disorders during provocation of the phenomenon in an endotoxin-free guinea pig model] Illig L, et al.
Arch Dermatol Forsch 246:11-26, 29 Jan 73 (Eng. Abstr.) (Ger)

[Consumption coagulopathy in obstructive septic pyelonephritis] Skoluda D, et al.
Urologie [A] 12:21-4, Jan 73 (Eng. Abstr.) (Ger)

[Influence of gestation on the blood coagulation system and diagnosis of possible disorders] Günter M, et al.
Z Aerztl Fortbild (Jena) 67:209-15, 1 Mar 73 (37 ref.) (Ger)

[Diagnostics and therapy of hemolytic-hemorrhagic transfusion incidents] Brüster H.
Zentralbl Neurochir 33:63-8, 1972 (Eng. Abstr.) (Ger)

[On the coagulation factors from V through XIII] Yoshida K, et al.
Jap J Clin Med 31:755-64, Apr 73 (66 ref.) (Jap)

[Reaction kinetics of blood clotting factors] Uszyński L. **Acta Haematol Pol 3:207-12, Apr-Jun 72 (Pol)**

[Clinical aspects of disseminated intravascular coagulation in children] Myśliwiec B.
Pol Tyg Lek 28:67-70, 8 Jan 73 (23 ref.) (Pol)

[Diurnal rhythm in the fluctuation of the indices of the coagulation and anticoagulation systems of blood in patients with angina pectoris] Perepelkin EG.
Ter Arkh 44:44-6, Sep 72 (Eng. Abstr.) (Rus)

[Hemocoagulation and fibrinolytic properties of the gastric wall involved in ulcerous and cancerous processes] Kal'chenko II, et al.
Vestn Khir 110:3-8, Apr 73 (Eng. Abstr.) (Rus)

ANALYSIS

Hypofibrinogenemia associated with hemangioma of the liver. Martinez J, et al.
Am J Clin Pathol 60:192-7, Aug 73

A precision study of coagulation factor assay technics. Paikuti HA, et al. **Am J Clin Pathol 59:231-5, Feb 73**

Disseminated intravascular coagulation in the respiratory distress syndrome. Margolis CZ, et al.
Am J Dis Child 125:324-6, Mar 73

Coagulation in cyanotic congenital heart disease. Wedemeyer AL, et al.
Am J Dis Child 124:656-60, Nov 72

Lack of coagulation defect after terminating second-trimester pregnancy by the catheter technique. Beller FK, et al.
Am J Obstet Gynecol 115:822-6, 15 Mar 73

Coagulation studies in the hypertensive toxemias of pregnancy. Davidson EC Jr, et al.
Am J Obstet Gynecol 113:905-10, 1 Aug 72

Plasma volume, electrolyte, and coagulation factor changes following intra-amniotic hypertonic saline infusion. Easterling WE Jr, et al.
Am J Obstet Gynecol 113:1065-71, 15 Aug 72

Coagulation changes in saline-induced abortion. Laros RK Jr, et al. **Am J Obstet Gynecol 116:271-6, 15 May 73**

Defibrination syndrome after intra-amniotic infusion of hypertonic saline. Weiss AE, et al.
Am J Obstet Gynecol 113:868-74, 1 Aug 72

Immune hemolytic transfusion reactions in monkeys: activation of the kallikrein system. Lopas H, et al.
Am J Physiol 225:372-9, Aug 73

Thromboasthenia. Morse EE, et al.
Ann Clin Lab Sci 2:432-9, Nov-Dec 72

Blood-component therapy. Garrell M, et al.
Ann Intern Med 77:484-5, Sep 72

Coagulation studies in haemolytic uraemic syndrome. Willoughby ML, et al. **Arch Dis Child 47:766-71, Oct 72**

Specific coagulation factor adsorption to insoluble heparin. Gentry PW, et al.
Biochem Biophys Res Commun 50:500-9, 23 Jan 73

Experimental dysfibrinogenemia: in vivo studies with arvin. Rodriguez-Erdmann F, et al.
Blood 37:664-74, Jun 71

Immunohistological localization of coagulation factors on vascular intima. Bloom AL, et al.
Br J Haematol 25:275, Aug 73

Evidence for a humoral agent capable of raising vitamin-K-dependent coagulation factors in rabbits. Karpatkin M, et al. **Br J Haematol 24:553-62, May 73**

Effect of alpha- and beta-blocking drugs on the clotting and fibrinolytic response to venous status in man. Ponari O, et al. **Br J Haematol 24:463-70, Apr 73**

Relationship between blast-cell morphology and occurrence of a syndrome of disseminated intravascular coagulation. Sultan C, et al.
Br J Haematol 24:255-9, Feb 73

Coagulation changes during termination of pregnancy by prostaglandins and by vacuum aspiration. Badraoui MH, et al. **Br Med J 1:19-21, 6 Jan 73**

Idiopathic gangrene in African adults. Barr RD, et al.
Br Med J 4:273-4, 4 Nov 72

Disseminated intravascular coagulation in cancer patients: supportive evidence. Peck SD, et al.
Cancer 31:1114-9, May 73

Hemorrhagic disease due to vitamin K deficiency in a premature infant: a syndrome which may resemble disseminated intravascular coagulation (DIC). Mangurten HH, et al.
Clin Pediatr (Phila) 12:372-5, Jun 73

The hemorrhagic phenomena associated with green pit viper (Trimeresurus erythrurus and Trimeresurus popeorum) bites in children. A report of studies to elucidate their pathogenesis. Mitrakul C, et al.
Clin Pediatr (Phila) 12:215-8, Apr 73

Acute hepatic necrosis of hepatitis and mushroom poisoning. The value of coagulation tests in their differentiation, prognostic assessment and pathogenesis. Herold R, et al.
Helv Med Acta 37:5-24, 1973

Laboratory investigations of the dic syndrome. Temperley IJ, et al. **Ir J Med Sci 83-96, May 73**

Blood-clotting mechanisms of nonhuman primates. Choice of the baboon model to simulate man. Todd ME, et al. **J Med Primatol 1:132-41, 1972**

Platelet counts, fibrinogen concentrations, and factor V and factor VIII levels in healthy infants according to gestational age. Sell EJ, et al.
J Pediatr 82:1028-32, Jun 73

Platelet response and coagulation changes following massive blood replacement. Lim RC Jr, et al.
J Trauma 13:577-82, Jul 73

Hypertonic saline-induced abortion. Correlation of fetal death with disseminated intravascular coagulation. Glueck HI, et al. **JAMA 225:28-31, 2 Jul 73**

Reduction of thrombus formation on dialyser membranes by aspirin and RA 233. Lindsay RM, et al. **Lancet** 2:1287-90, 16 Dec 72

Coagulation defects caused by diphenylhydantoin. Solomon GE, et al. **Neurology (Minneap)** 22:1165-71, Nov 72

Defibrination in saline abortion. Schwartz R, et al. **Obstet Gynecol** 40:728-37, Nov 72

Evolution of blood clotting factor leves in premature infants during the first 10 days of life: a study of 96 cases with comparison between clinical status and blood clotting factor levels. Jensen AH, et al. **Pediatr Res** 7:638-44, Jul 73

Erythrocytosis associated with haemoglobin Malmö, accompanied by pulmonary changes, occurring in the same family. Berglund S. **Scand J Haematol** 9:355-69, 1972

Discrepancy between thrombotest and normotest--an indicator of disseminated intravascular coagulation (DIC)? Slaastad RA, et al. **Scand J Haematol** 9:411-6, 1972

Discrepancy between normotest and thrombotest during thromboplastin induced intravascular coagulation in rabbits. Slaastad RA, et al. **Scand J Haematol** 9:403-10, 1972

The blood coagulation and fibrinolytic enzyme systems in healthy adult Africans and Europeans--a comparative study. Barr RD, et al. **Scott Med J** 18:93-7, May 73

Stroke and blood coagulation. Todd M, et al. **Stroke** 4:400-5, May-Jun 73

Stroma-free hemoglobin. I. Preparation and observations on in vitro changes in coagulation. Moss GS, et al. **Surgery** 74:198-203, Aug 73

Coagulation changes induced by endotoxin and purified contact activation product. Barth P, et al. **Thromb Diath Haemorrh** 28:280-8, 31 Oct 72

On the early detection of intravascular coagulation. An experimental study. Fedder G, et al. **Thromb Diath Haemorrh** 27:365-76, 31 Jul 72

Thrombocytopenia caused by antigen-antibody reactions with special reference to intravascular coagulation. Fedder G, et al. **Thromb Diath Haemorrh** 27:452-60, 31 Jul 72

Acute promyelocytic leukemia in a patient with hemophilia. Evidence for rapid consumption of clotting factors. Green D. **Thromb Diath Haemorrh** 27:516-22, 31 Jul 72

[Study of hepatic parenchymatous function. Contribution of the galactose clearance test. Study by multidimensional statistical analysis] Hecht Y, et al. **Nouv Presse Med** 1:3133-4, 23 Dec 72 **(Fre)**

[Synovial inflammation and coagulation factors. II. Biological study of synovial fluid in serogically positive rheumatoid arthritis] Soria C, et al. **Pathol Biol (Paris)** 20:695-701, Sep 72 **(Fre)**

[Influence of single and repeated hemodialises on the blood coagulation status] Albert FW, et al. **Munch Med Wochenschr** 114:1917-21, 3 Nov 72 (Eng. Abstr.) **(Ger)**

[Coagulation changes following injection of a purified contact activation product] Barth P, et al. **Verh Dtsch Ges Inn Med** 77:1029-32, 1971 **(Ger)**

[Consumption coagulopathy observed mainly in obstetrics] Masaki M. **Jap J Clin Hematol** 13:195-7, Apr 72 **(Jap)**

[Hemorrhagic diathesis with increased fibrinolytic enzyme activities in the field of surgery] Murakami F, et al. **Jap J Clin Hematol** 13:187-94, Apr 72 (Eng. Abstr.) **(Jap)**

[Circadiam rhythm of fluctuations in indices of human blood coagulating and anticoagulating systems] Zaslavskaia RM, et al. **Fiziol Zh SSSR** 59:95-8, Jan 73 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

Acquired inhibitors of blood coagulation. Feinstein DI, et al. **Prog Hemostasis Thromb** 1:75-95, 1972 (95 ref.)

BIOSYNTHESIS

Effects of protein synthesis inhibitors on the induction of a labile chicken plasma coagulation factor by preparations of phytoene and substituting factors. Sörbye O, et al. **Biochim Biophys Acta** 273:292-8, 19 Jul 72

[Fetal hypoxia and its effect on the coagulation system in the newborn infant] Haupt H. **Z Kinderheilkd** 113:185-92, 1972 (Eng. Abstr.) **(Ger)**

ISOLATION & PURIFICATION

Ac-globulin (Factor V): preparation of a practical product. Dombrose FA, et al. **Prep Biochem** 2:381-96, 1972

METABOLISM

Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA. **Ann Clin Lab Sci** 1:139-54, Sep-Oct 71 (46 ref.)

The action of thrombin on blood clotting factor V: conversion of factor V to a prothrombin-binding protein. Esmon CT, et al. **Biochim Biophys Acta** 310:289-94, 17 May 73

Observations on the Factor V activator present in Russell's viper venom and its action on Factor V. Hanahan DJ, et al. **Biochim Biophys Acta** 286:205-11, 24 Nov 72

Diagnosis of hemorrhagic disorders. Nemerson Y. **Med Clin North Am** 57:531-41, Mar 73 (30 ref.)

Coagulation abnormalities in liver disease. Losowsky MS, et al. **Postgrad Med** 53:147-52, Jan 73

The relevance of blood clotting tests in chronic aggressive hepatitis. Coccheri S, et al. **Scand J Gastroenterol [Suppl]** 19:97-101, 1973

Heparin therapy in the case of acute liver cirrhosis. Fischer M, et al. **Scand J Gastroenterol [Suppl]** 19:135-8, 1973

Study on the correlation between Normotest, Quick's method, and specific coagulation factors in liver disease. Hadchouel P, et al. **Scand J Gastroenterol [Suppl]** 19:151-4, 1973

[Vitamin A overdosage. II. Cytological and biochemical changes in blood from high doses of vitamin A with and without alpha-tocopherol treatment] Soliman MK. **Int J Vitam Nutr Res** 42:576-82, 1972 (Eng. Abstr.) **(Ger)**

[Blood coagulation changes under the influence of gravitational stress according to thrombelastographic findings] Serikova AZ, et al. **Kosm Biol Med** 6:10-4, Jan-Feb 72 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Inhibition of activated factor X-induced platelet aggregation: the role of heparin and the plasma inhibitor to activated factor X. Yin ET, et al. **J Lab Clin Med** 82:390-8, Sep 73

PHYSIOLOGY

Factor-Xa inactivation by antithrombin. 3. Evidence for biological stabilization of factor Xa by factor V-phospholipid complex. Marciniak E. **Br J Haematol** 24:391-400, Mar 73

Behaviour of factor V and factor VIII during the process of blood coagulation. Janssen CL, et al. **Scand J Haematol** 9:531-8, 1972

[Influence of pregnancy on the activation factors of blood coagulation and on thrombocytes] Tismer R, et al. **Z Geburtshilfe Perinatol** 176:183-92, Jun 72 (Eng. Abstr.) **(Ger)**

[Disseminated intravascular coagulation] Amir J. **Harefuah** 83:29-32, 2 Jul 72 (20 ref.) **(Heb)**

FACTOR V DEFICIENCY

Studies of the procoagulant and fibrinolytic activity of promyelocytes in acute promyelocytic leukaemia. Grainick HR, et al. **Br J Haematol** 24:89-99, Jan 73

The treatment of coagulation factor deficiencies. Temperley IJ. **J Ir Med Assoc** 66:42-5, 27 Jan 73

Disturbances of coagulation mechanism in protein-calorie malnutrition. Hassanein EA, et al. **Trop Geogr Med** 25:158-62, Jun 73

[Prolonged synthesis of alpha-1-feto-protein in 2 brothers with congenital tyrosinosis] Dommergues JP, et al. **Arch Fr Pediatr** 29:737-44, Aug-Sep 72 (Eng. Abstr.) **(Fre)**

BLOOD

Platelet function studies in factor V deficiency. Seeler RA, et al. **Acta Haematol (Basel) 48:176-82, 1972**

Prolonged prothrombin time and partial thromboplastin time in disseminated intravascular coagulation not due to deficiency of factors V and VIII. Mant MJ, et al. **Br J Haematol 24:725-34, Jun 73**

The activation of coagulation by extracts of mucus: a possible pathway of intravascular coagulation accompanying adenocarcinomas. Pineo GF, et al. **J Lab Clin Med 82:255-66, Aug 73**

The procoagulant activity of granulocytes. Saba HI, et al. **Proc Soc Exp Biol Med 142:614-20, Feb 73**

[On the coagulation factors from V through XIII] Yoshida K, et al.
Jap J Clin Med 31:755-64, Apr 73 (66 ref.) (Jap)

COMPLICATIONS

Hemorrhagic varicella in parahemophilia. Girolami A, et al. **Biut 25:293-301, Nov 72**

Combined deficiency of factor V and factor VIII: report of a family and genetic analysis. Sibinga CT, et al. **Br J Haematol 23:467-81, Oct 72**

Acute promyelocytic leukemia in pregnancy. Bhoopathi B, et al. **Obstet Gynecol 41:275-8, Feb 73**

DIAGNOSIS

Hemorrhagic varicella in parahemophilia. Girolami A, et al. **Biut 25:293-301, Nov 72**

Abnormal bleeding after prostatectomy: illustrative cases and review of management. O'Sullivan EF, et al. **Med J Aust 2:1165-9, 18 Nov 72**

Diagnosis and treatment of inherited bleeding disorders. Strauss HS.
Pediatr Clin North Am 19:1009-28, Nov 72 (79 ref.)

FAMILIAL & GENETIC

Hemorrhagic varicella in parahemophilia. Girolami A, et al. **Biut 25:293-301, Nov 72**

Combined deficiency of factor V and factor VIII: report of a family and genetic analysis. Sibinga CT, et al. **Br J Haematol 23:467-81, Oct 72**

IMMUNOLOGY

Factor V inhibitor: report of a case, with comments on a possible effect of streptomycin. Feinstein DI, et al. **Ann Intern Med 78:385-8, Mar 73**

PHYSIOPATHOLOGY

Consumption coagulopathy in congenital heart-disease. Ihenacho HN, et al. **Lancet 1:231-4, 3 Feb 73**

FACTOR VII

The use of antifibrinolytic drugs to prevent early recurrent aneurysmal subarachnoid haemorrhage. Tovi D. **Acta Neurol Scand 49:163-75, 1973**

Procoagulant properties of amniotic fluid. Phillips LL, et al. **Am J Obstet Gynecol 113:911-9, 1 Aug 72**

Clinical considerations for the anesthesiologist whose patient is on anticoagulant therapy. Ellison N, et al. **Anesthesiology 39:328-36, Sep 73 (57 ref.)**

The intrinsic activation of factor X in blood coagulation. Chuang TF, et al.
Biochim Biophys Acta 273:287-91, 19 Jul 72

Coagulation factor variants. Bloom AL.
Br J Haematol 23:643-7, Dec 72 (34 ref.)

The effect of anti-rat clotting factor serum on the "prothrombin time". Hwang SW, et al.
Comp Gen Pharmacol 2:87-92, Mar 71

The activation of coagulation by extracts of mucus: a possible pathway of intravascular coagulation accompanying adenocarcinomas. Pineo GF, et al. **J Lab Clin Med 82:255-66, Aug 73**

Studies on blood coagulation. II. Kinetic study of the interaction between antihemophilic globulin and antithrombin 3 in normal and hemophilic sera. Gang NF, et al. **Mt Sinai J Med NY 39:429-34, Sep-Oct 72**

The tissue factor pathway of blood coagulation. Nemerson Y, et al.
Prog Hemostasis Thromb 1:1-37, 1972 (171 ref.)

Theory and experience behind the use of coagulation tests in diagnosis and prognosis of liver disease. Koller F. **Scand J Gastroenterol [Suppl] 19:51-61, 1973**

Hemostatic problems in liver surgery. Rö JS. **Scand J Gastroenterol [Suppl] 19:71-81, 1973 (67 ref.)**

Biochemical tests in evaluation of liver function. Skrede S, et al.
Scand J Gastroenterol [Suppl] 19:37-46, 1973

Coagulation and fibrinolysis in simian Plasmodium knowlesi malaria. Sucharit P, et al.
Southeast Asian J Trop Med Public Health 4:15-8, Mar 73

Is primary fibrinolysis a real entity? Gans H. **Surg Gynecol Obstet 136:975-6, Jun 73**

Cold promoted activation of factor VII. II. Identification of the activator. Gjonnaess H.
Thromb Diath Haemorrh 28:169-81, 31 Oct 72

Cold promoted activation of factor VII. IV. Relation to the coagulation system. Gjonnaess H.
Thromb Diath Haemorrh 28:194-205, 31 Oct 72

Cold promoted activation of factor VII. 3. Relation to the kallikrein system. Gjonnaess H.
Thromb Diath Haemorrh 28:182-93, 31 Oct 72

Cold promoted activation of factor VII. I. Evidence for the existence of an activator. Gjonnaess H.
Thromb Diath Haemorrh 28:155-68, 31 Oct 72

Cold promoted activation of Factor VII. V. Relation to the fibrinolytic system. Gjonnaess H.
Thromb Diath Haemorrh 29:143-53, 28 Feb 73

[Major hepatectomy in man. Metabolic consequences] Huguet C, et al.
Nouv Presse Med 2:761-5, Mar 72 (Eng. Abstr.) (Fre)

[Study of the "in vivo" activity of factor VIII or factor IX after injection of several concentrates: practical applications] Allain JP.
Nouv Rev Fr Hematol 12:241-9, Mar-Apr 72 (Eng. Abstr.) (Fre)

[Physiological inhibitors of thrombin and thrombin synthesis] Schröer H.
Folia Haematol (Leipz) 99:212-22, 1973 (34 ref.) (Eng. Abstr.) (Ger)

[Blood coagulation disorders caused by abnormal blood coagulation factors] Fiedler H.
Z Aerztl Fortbild (Jena) 66:692-8, 1 Jul 72 (Ger)

[Influence of gestation on the blood coagulation system and diagnosis of possible disorders] Günter M, et al.
Z Aerztl Fortbild (Jena) 67:209-15, 1 Mar 73 (37 ref.) (Ger)

[On the coagulation factors from V through XIII] Yoshida K, et al.
Jap J Clin Med 31:755-64, Apr 73 (66 ref.) (Jap)

[Blood coagulation and fibrinolysis disorders connected with open heart surgery using extracorporeal circulation] Palester-Chlebowczyk M, et al.
Acta Haematol Pol 2:163-8, Apr-Jun 71 (Eng. Abstr.) (Pol)

[Reaction kinetics of blood clotting factors] Uszyński L. **Acta Haematol Pol 3:207-12, Apr-Jun 72 (Pol)**

[Mechanisms of action of oral anticoagulants] Uszyński L.
Acta Haematol Pol 3:133-9, Apr-Jun 72 (Eng. Abstr.) (Pol)

[Diurnal rhythm in the fluctuation of the indices of the coagulation and anticoagulation systems of blood in patients with angina pectoris] Perepelkin EG.
Ter Arkh 44:44-6, Sep 72 (Eng. Abstr.) (Rus)

ADVERSE EFFECTS

Estimation of the probability of post transfusion hepatitis in hemophilia treatment. Davis CE, et al. **Biometrics 29:386-92, Jun 73**

ANALYSIS

Sensitivity of commercial thromboplastins to factor VII. Singer JW, et al. **Am J Clin Pathol 59:755-9, May 73**

Coagulation changes in saline-induced abortion. Laros RK Jr, et al. **Am J Obstet Gynecol 116:271-6, 15 May 73**

Specific coagulation factor adsorption to insoluble heparin. Gentry PW, et al.
Biochem Biophys Res Commun 50:500-9, 23 Jan 73

Influence of nutritional factors on plasma concentration of factor II and factors VII-X and on the rate of synthesis of serum albumin in newborn rabbits. Masera G, et al. **Biol Neonate 20:436-47, 1972**

A review of the obstetrical aspects of haemostasis. Bonnar J. **Br J Haematol 25:274-5, Aug 73**

Evidence for a humoral agent capable of raising vitamin-K-dependent coagulation factors in rabbits. Karpatkin M, et al. **Br J Haematol 24:553-62, May 73**

Active and inactive factor VII in Dubin-Johnson

syndrome with factor-VII deficiency, hereditary factor-VII deficiency and on coumadin administration. Levanon M, et al.
Br J Haematol 23:669-77, Dec 72

Effect of alpha- and beta-blocking drugs on the clotting and fibrinolytic response to venous status in man. Ponari O, et al. **Br J Haematol** 24:463-70, Apr 73

Coagulation changes during termination of pregnancy by prostaglandins and by vacuum aspiration. Badraoui MH, et al. **Br Med J** 1:19-21, 6 Jan 73

Effects of progestogen oral contraception with norethisterone on blood clotting and platelets. Poller L, et al. **Br Med J** 4:391-3, 18 Nov 72

The hemorrhagic phenomena associated with green pit viper (Trimeresurus erythrurus and Trimeresurus popeorum) bites in children. A report of studies to elucidate their pathogenesis. Mitrakul C, et al. **Clin Pediatr (Phila)** 12:215-8, Apr 73

Enhancement of warfarin-induced hypoprothrombinemia by triclofos. Sellers EM, et al. **Clin Pharmacol Ther** 13:911-5, Nov-Dec 72

An autoradiographic study of the distribution and excretion of 14C-dicoumarol in the rat. Maines MD, et al. **Comp Gen Pharmacol** 2:184-8, Jun 71

Blood-clotting mechanisms of nonhuman primates. Choice of the baboon model to simulate man. Todd ME, et al. **J Med Primatol** 1:132-41, 1972

Platelet response and coagulation changes following massive blood replacement. Lim RC Jr, et al. **J Trauma** 13:577-82, Jul 73

Coagulation defects caused by diphenylhydantoin. Solomon GE, et al.
Neurology (Minneap) 22:1165-71, Nov 72

Evolution of blood clotting factor leves in premature infants during the first 10 days of life: a study of 96 cases with comparison between clinical status and blood clotting factor levels. Jensen AH, et al. **Pediatr Res** 7:638-44, Jul 73

Stroke and blood coagulation. Todd M, et al.
Stroke 4:400-5, May-Jun 73

Influence of factor VII on the assay of factor VIII by the one stage method using wettable surface. Altman R, et al. **Thromb Diath Haemorrh** 28:457-63, 31 Dec 72

On the early detection of intravascular coagulation. An experimental study. Fedder G, et al.
Thromb Diath Haemorrh 27:365-76, 31 Jul 72

Blood coagulation and fibrinolysis in a random sample of 788 men 54 years old. II. Relations of the variables to "risk factors" for myocardial infarction. Korsan-Bengtsen K, et al.
Thromb Diath Haemorrh 28:99-108, 31 Aug 72

Blood coagulation and fibrinolysis in a random sample of 788 men 54 years old. I. Correlations between the variables of clotting and fibrinolysis. Korsan-Bengtsen K, et al.
Thromb Diath Haemorrh 28:89-98, 31 Aug 72

Gel filtration properties of factors II, VII, IX, IX a , and X. Osterud B, et al.
Thromb Diath Haemorrh 28:317-24, 31 Oct 72

[Influence of single and repeated hemodialises on the blood coagulation status] Albert FW, et al.
Munch Med Wochenschr 114:1917-21, 3 Nov 72 (Eng. Abstr.) **(Ger)**

[Circadiam rhythm of fluctuations in indices of human blood coagulating and anticoagulating systems] Zaslavskaia RM, et al.
Fiziol Zh SSSR 59:95-8, Jan 73 (Eng. Abstr.) **(Rus)**

[Blood fibrinolytic system in patients with ischemic heart disease] Liusov VA, et al.
Kardiologiia 13:12-6, 1973 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

Active and inactive factor VII in Dubin-Johnson syndrome with factor-VII deficiency, hereditary factor-VII deficiency and on coumadin administration. Levanon M, et al.
Br J Haematol 23:669-77, Dec 72

Isolation and characterization of human Factor VIII (antihemophilic factor). Legaz ME, et al.
J Biol Chem 248:3946-55, 10 Jun 73

The effect of soy bean trypsin inhibitor on kaolin induced activation of factor VII. Brozović M, et al.
Scand J Haematol 9:509-19, 1972

BIOSYNTHESIS

[Hemotherapeutic safeguarding of induced abortion in inborn proconvertin insufficiency (hemagglutination factor VII) using exchange plasmapheresis] Vaníček S, et al. **Zentralbl Gynaekol** 94:931-5, 22 Jul 72 (Ger)

[Hemostasis disorders in liver cirrhosis] Judkiewicz L, et al. **Pol Tyg Lek** 28:708-11, 1 May 73 (34 ref.) (Pol)

ISOLATION & PURIFICATION

Activation of a proteolytic system by a membrane lipoprotein: mechanism of action of tissue factor. Nemerson Y, et al.
Proc Natl Acad Sci USA 70:310-4, Feb 73

Plasma free of factors II, VII, IX, and X. Need for high speed centrifugation after Al(OH) 3 absorption. Loeliger EA, et al.
Thromb Diath Haemorrh 29:211-2, 28 Feb 73

The adsorption of blood coagulation factors II, VII, IX and X from human plasma to aluminium hydroxide. Swart AC, et al.
Thromb Diath Haemorrh 27:490-501, 31 Jul 72

METABOLISM

Blood coagulation, fibrinolysis and platelet function in women aged 38, 46, 50, 54 and 60. The study of women in Gothenburg 1968-1969. Korsan-Bengtsen K, et al.
Acta Med Scand 193:543-6, Jun 73

Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA.
Ann Clin Lab Sci 1:139-54, Sep-Oct 71 (46 ref.)

Coagulation abnormalities in liver disease. Losowsky MS, et al. **Postgrad Med** 53:147-52, Jan 73

Activation of a proteolytic system by a membrane lipoprotein: mechanism of action of tissue factor. Nemerson Y, et al.
Proc Natl Acad Sci USA 70:310-4, Feb 73

Heparin therapy in the case of acute liver cirrhosis. Fischer M, et al.
Scand J Gastroenterol [Suppl] 19:135-8, 1973

Influence of factor VII on the assay of factor VIII by the one stage method using wettable surface. Altman R, et al. **Thromb Diath Haemorrh** 28:457-63, 31 Dec 72

[Vitamin A overdosage. II. Cytological and biochemical changes in blood from high doses of vitamin A with and without alpha-tocopherol treatment] Soliman MK.
Int J Vitam Nutr Res 42:576-82, 1972 (Eng. Abstr.) **(Ger)**

[Hemorrhagic diathesis associated with partial factor XII deficiency] Zywicka-Lopaciuk H, et al.
Acta Haematol Pol 3:257-63, Jul-Sep 72 (Eng. Abstr.) **(Pol)**

PHARMACODYNAMICS

Sensitivity of commercial thromboplastins to factor VII. Singer JW, et al. **Am J Clin Pathol** 59:755-9, May 73

PHYSIOLOGY

Behaviour of factor V and factor VIII during the process of blood coagulation. Janssen CL, et al.
Scand J Haematol 9:531-8, 1972

Effect of plasma and platelet concentrate infusions on factor VIII, platelet adhesiveness, and bleeding time in bleeder swine. Cornell CN, et al.
Thromb Diath Haemorrh 28:431-9, 31 Dec 72

[Influence of pregnancy on the activation factors of blood coagulation and on thrombocytes] Tismer R, et al.
Z Geburtshilfe Perinatol 176:183-92, Jun 72 (Eng. Abstr.) **(Ger)**

[Disseminated intravascular coagulation] Amir J.
Harefuah 83:29-32, 2 Jul 72 (20 ref.) **(Heb)**

RADIATION EFFECTS

Cold promoted activation of factor VII. I. Evidence for the existence of an activator. Gjonnaess H.
Thromb Diath Haemorrh 28:155-68, 31 Oct 72

THERAPEUTIC USE

Intracranial haemorrhage in low-birth-weight infants and prophylactic administration of coagulation-factor concentrate. Waltl H, et al. **Lancet** 1:1284-6, 9 Jun 73

Congenital factor VII deficiency with cerebral haemorrhage treated with prothrombin concentrate. Marriage K, et al. **Med J Aust** 2:942-5, 21 Oct 72

Prevention of intraventricular haemorrhage in babies

receiving artificial ventilation. Thomas DB, et al. **Med J Aust** 1:933-6, 12 May 73

Deep vein thrombosis and pulmonary embolism in congenital factor VII deficiency. Gershwin ME, et al. **N Engl J Med** 288:141-2, 18 Jan 73

Pseudotumor in a patient with factor IX deficiency. Andes WA, et al. **South Med J** 66:905-8, Aug 73

[Is the administration of prothrombin concentrate in heart infarct always absolutely contraindicated?] Schricker KT, et al.
Med Klin 67:841-5, 16 Jun 72 (Eng. Abstr.) (Ger)

[The treatment of inherited coagulation disorders] Blombäck M, et al.
Lakartidningen 69:Suppl 4:76-84, 27 Dec 72 (Eng. Abstr.) (Swe)

FACTOR VIII

Recurrent thrombosis in a young woman with a circulating anticoagulant directed against factors XI and XII. Aberg H, et al.
Acta Med Scand 192:419-25, Nov 72

Procoagulant properties of amniotic fluid. Phillips LL, et al. **Am J Obstet Gynecol** 113:911-9, 1 Aug 72

Reactions of blood with nonbiologic surfaces. Ultrastructural and clotting studies with normal and coagulation factor deficient bloods. Mason RG, et al.
Am J Pathol 69:271-88, Nov 72

An IgM circulating anticoagulant with factor VIII inhibitory activity. McKelvey EM, et al.
Ann Intern Med 77:571-5, Oct 72

Plasma protein requirements for human platelet aggregation. Bang NU, et al.
Ann NY Acad Sci 201:280-99, 27 Oct 72

The intrinsic activation of factor X in blood coagulation. Chuang TF, et al.
Biochim Biophys Acta 273:287-91, 19 Jul 72

Antibodies to factor VIII. I. Variations in stability of antigen-antibody complexes in hemophilia A. Allain JP, et al. **Blood** 42:437-44, Sep 73

Immunologic identification of tissue factor (thromboplastin) synthesized by cultured fibroblasts. Zacharski LR, et al. **Blood** 41:671-8, May 73

The mode of action of antibodies which destroy factor VIII. I. Antibodies which have second-order concentration graphs. Biggs R, et al.
Br J Haematol 23:125-35, Aug 72

The mode of action of antibodies which destroy factor VIII. II. Antibodies which give complex concentration graphs. Biggs R, et al. **Br J Haematol** 23:137-55, Aug 72

Coagulation factor variants. Bloom AL.
Br J Haematol 23:643-7, Dec 72 (34 ref.)

Microangiopathic haemolytic anaemia associated with hypercalcaemia in an experimental rat tumour. Hilgard P, et al. **Br J Haematol** 24:245-54, Feb 73

Severe allergic pulmonary oedema after plasma transfusion. Kernoff PB, et al.
Br J Haematol 23:777-81, Dec 72

The specificity of antibodies to factor 8 produced in the rabbit after immunization with human cryoprecipitate. Kernoff PB, et al.
Br J Haematol 25:276-7, Aug 73

Relationships between the haemostatic, complement and kinin-forming systems. Ogston D.
Br J Haematol 25:273, Aug 73

A three-year study of adolescent boys suffering from haemophilia and allied disorders. Rainsford SG, et al.
Br J Haematol 24:539-51, May 73

The treatment of patients who have factor-VIII antibodies. Rizza CR, et al.
Br J Haematol 24:65-82, Jan 73

Combined deficiency of factor V and factor VIII: report of a family and genetic analysis. Sibinga CT, et al.
Br J Haematol 23:467-81, Oct 72

Behçet's disease with decreased fibrinolysis and superior vena caval occlusion. Chajek T, et al.
Br Med J 1:782-3, 31 Mar 73

AHF-related protein and precipitation reactions. Ekert H, et al. **Br Med J** 4:789, 30 Dec 72

AHF-related protein and precipitation reactions. Holmberg L, et al. **Br Med J** 1:549, 3 Mar 73

Mechanisms of thrombocytopenia in malignant tertian malaria. Skudowitz RB, et al. **Br Med J** 2:515-8, 2 Jun 73

Clot failure in pregnancy. **Br Med J** 4:628, 16 Dec 72

Surgical correction of scoliosis in a child with hemostatic abnormalities secondary to cyanotic congenital heart disease. Bunch WH, et al.
Clin Orthop 89:139-42, 1972

Intrinsic activation of plasma kinin formation and complement. Eisen V, et al.
Int Arch Allergy Appl Immunol 45:91-4, 1973

The life long haemorrhagic disorders with prolonged bleeding time and associated factor VIII deficiency (von Willebrand's disease). Dube B, et al.
J Assoc Physicians India 20:929-33, Dec 72

Studies on the nature of antihemophilic factor (factor VIII). Further evidence relating the AHF-like antigens in normal and hemophilic plasmas. Bennett B, et al. **J Clin Invest** 52:2191-7, Sep 73

Immunological studies of coagulation factor XIII. Israels ED, et al. **J Clin Invest** 52:2398-403, Oct 73

The coagulation and fibrinolytic properties of peritoneal and venous blood in patients with ruptured ectopic pregnancy. Carty MJ, et al.
J Obstet Gynaecol Br Commonw 80:701-3, Aug 73

Effect of dydrogesterone (Duphaston) on haemostasis and liver function. Vermylen J, et al.
J Obstet Gynaecol Br Commonw 80:75-81, Jan 73

Disseminated intravascular coagulation in burned patients. McManus WF, et al.
J Trauma 13:416-22, May 73

Factor VIII. Barrow EM, et al. **Lancet** 1:1312-3, 9 Jun 73

Abnormality of separate subunits of factor VIII? Bennett E. **Lancet** 808:885-6, 21 Apr 73

Abnormality of separate subunits of factor VIII? Bennett E. **Lancet** 1:885-6, 21 Apr 73

Low-molecular-weight factor VIII. Bloom AL, et al.
Lancet 1:661-2, 24 Mar 73

Low-molecular-weight factor VIII. Bloom AL, et al.
Lancet 1:1000, 5 May 73

Factor VIII. Graham JB, et al. **Lancet** 2:388, 18 Aug 73

Antigen-biological-activity ratio for factor VIII. Hougie C, et al. **Lancet** 1:1247-8, 2 Jun 73

Factor-VIII-related antigen in female haemophilia. Kernoff PB, et al. **Lancet** 2:734, 29 Sep 73

Antibodies to factor VIII. Muntz RH, et al.
Lancet 2:160, 21 Jul 73

Antigen biological activity ratio for factor VIII in late pregnancy. Royen EA van, et al.
Lancet 2:449-50, 25 Aug 73

Low-molecular-weight factor 8. **Lancet** 1:827, 14 Apr 73

Septal dermoplasty for von Willebrand's disease in children. Letson JA Jr, et al.
Laryngoscope 83:1078-83, Jul 73

Hemophilia. Schick PK.
Med Clin North Am 57:1095-106, Jul 73 (52 ref.)

The partial thromboplastin time test: distinction between inhibitor and clotting-factor deficiency. Knights SF, et al. **Med Lab Technol** 30:43-7, Jan 73

Two genetic variants of von Willebrand's disease. Holmberg L, et al. **N Engl J Med** 288:595-8, 22 Mar 73

Affinity of factor 8 clotting activity for antigen detectable immunologically. Kernoff PB.
Nature [New Biol] 244:148-9, 1 Aug 73

Immunological studies of anti-haemophilic factor a (factor VIII). Bouma BN. **Neth J Med** 16:94-100, 1973

Immunologic relationships of antihemophilic factor of different species detected by specific human and rabbit antibodies. Bennett B, et al.
Proc Soc Exp Biol Med 143:701-6, Jul 73

Gastrointestinal bleeding in haemophilia. Forbes CD, et al. **Q J Med** 42:503-11, Jul 73

Hemostatic problems in liver surgery. Rö JS.
Scand J Gastroenterol [Suppl] 19:71-81, 1973 (67 ref.)

Immunologic studies in haemophilia A. Holmberg L, et al. **Scand J Haematol** 10:12-6, 1973

The genetics of hereditary disorders of blood coagulation. Ratnoff OD, et al.
Science 179:1291-8, 30 Mar 73 (53 ref.)

Blood services: prices and public policy. Surgenor DM, et al. **Science** 180:384-9, 27 Apr 73

Extensive surgical procedures in patients with hemophilia A. Rudowski WJ, et al.
Surg Gynecol Obstet 135:571-6, Oct 72

A quantitative two-stage assay for factor IX (Christmas factor) using plasma from dogs with Christmas disease. Aronson DL, et al.
Thromb Diath Haemorrh 27:529-34, 31 Jul 72

Cold promoted activation of factor VII. IV. Relation to the coagulation system. Gjonnaess H.
Thromb Diath Haemorrh 28:194-205, 31 Oct 72

The influence of fluid shear on the kinetics of blood coagulation reactions. Spaeth EE, et al.
Trans Am Soc Artif Intern Organs 19:179-87, 1973

True haemophilia in horses. Archer RK, et al.
Vet Rec 91:655-6, 23 Dec 72

The development of plasma derivatives for clinical use. A symposium summary. Deutsch HF.
Vox Sang 23:147-50, Jul-Aug 72

The current status of blood fractionation in the United States. Sgouris JT. **Vox Sang** 23:45-55, Jul-Aug 72
On the regulatory agencies and their functions. Surgenor DM. **Vox Sang** 23:68-71, Jul-Aug 72
Preservation of coagulation factors V and VIII during collection and subsequent storage of bank blood in ACD-A and CPD solutions. Weisert O, et al. **Vox Sang** 24:126-33, Feb 73
[Circulating anticoagulants in hemophilia] Josso F, et al. **Rev Fr Transfus** 15:281-98, Sep 72 (Eng. Abstr.) (Fre)
[New plasma derivatives] Soulier JP. **Rev Prat** 22:1465-6 passim, 21 Mar 72 (Fre)
[Molecular-biology findings on various blood clotting factors] Fiedler H. **Folia Haematol (Leipz)** 98:121-39, 1972 (121 ref.) (Eng. Abstr.) (Ger)
[Von-Willebrand-Jürgens syndrome] Winckelmann G. **Med Klin** 68:37-42, 12 Jan 73 (Ger)
[Hepatitis morbidity following heart surgery] Schlaak M, et al. **Thoraxchirurgie** 20:411-2, Dec 72 (Eng. Abstr.) (Ger)
[Blood coagulation disorders caused by abnormal blood coagulation factors] Fiedler H. **Z Aerztl Fortbild (Jena)** 66:692-8, 1 Jul 72 (Ger)
[Influence of gestation on the blood coagulation system and diagnosis of possible disorders] Günter M, et al. **Z Aerztl Fortbild (Jena)** 67:209-15, 1 Mar 73 (37 ref.) (Ger)
[Diagnostics and therapy of hemolytic-hemorrhagic transfusion incidents] Brüster H. **Zentralbl Neurochir** 33:63-8, 1972 (Eng. Abstr.) (Ger)
[Hemorrhagic syndrome due to defective platelet aggregation in chronic lymphatic leukemia of the splenomegalic variety] Cacciola E, et al. **Haematologica (Pavia)** 58:190-5, 1973 (Eng. Abstr.) (Ita)
[The clinical management of hemophiliacs. The first report--dental extraction] Mimaya J, et al. **Jap J Clin Hematol** 14:129-35, Feb 73 (Eng. Abstr.) (Jap)
[On the coagulation factors from V through XIII] Yoshida K, et al. **Jap J Clin Med** 31:755-64, Apr 73 (66 ref.) (Jap)
[Case of factor XII deficiency with prolonged bleeding time] Sroczyński J, et al. **Acta Haematol Pol** 2:239-42, Jul-Sep 71 (Eng. Abstr.) (Pol)
[Reaction kinetics of blood clotting factors] Uszyński L. **Acta Haematol Pol** 3:207-12, Apr-Jun 72 (Pol)
[Genetic types of hemophilia A] Uszyński L. **Acta Haematol Pol** 3:141-5, Apr-Jun 72 (Eng. Abstr.) (Pol)
[Clinical aspects of disseminated intravascular coagulation in children] Myśliwiec B. **Pol Tyg Lek** 28:67-70, 8 Jan 73 (23 ref.) (Pol)
[Role of blood clotting and fibrinolytic disorders in diabetics in the development of pathological changes in blood vessels] Chmielewski J. **Wiad Lek** 26:615-7, 1 Apr 73 (Pol)
[Blood hypercoagulability (attempted classification of pre-thrombotic states)] Tymiński W. **Wiad Lek** 26:423-6, 1 Mar 73 (11 ref.) (Pol)
[Role of the vascular wall in the process of hemostasis] Kuznik BI. **Usp Sovrem Biol** 75:61-85, Jan-Feb 73 (258 ref.) (Rus)
[Restoration of the function of the anticoagulation system in animals switched from an atherogenic diet to natural rations] Bazaz'ian GG, et al. **Vopr Pitan** 31:33-8, Nov-Dec 72 (Eng. Abstr.) (Rus)

ADMINISTRATION & DOSAGE

Von Willebrand's syndrome presenting as an acquired bleeding disorder in association with a monoclonal gammopathy. Mant MJ, et al. **Blood** 42:429-36, Sep 73
Non-sutured nerve transplantation. (A report on animal experiments). Matras H, et al. **J Maxillofac Surg** 1:37-40, Mar 73
Aortic valve replacement in hemophilia. Report of a case. Brockman SK, et al. **JAMA** 222:660-1, 6 Nov 72
Treatment of haemophilia. **Lancet** 2:648-9, 22 Sep 73
Specific therapy in hemophilia. Hutaff LW. **NC Med J** 34:193-6, Mar 73
The laboratory assessment of the efficacy of antihaemophilic therapy. Lurie A. **S Afr Med J** 46:1180-5, 19 Aug 72
Home infusions for haemophilia. **S Afr Med J** 47:1, 6 Jan 73
[Appendicitis in known patients with hemophilia. Apropos of 3 cases] Laget-Corsin L, et al. **Anesth Analg (Paris)** 30:195-201, Jan-Feb 73 (Fre)
[An unusual cause of postpartum hemorrhage: the antihemophilic A factor inhibitor] Piana L, et al. **Rev Fr Gynecol Obstet** 67:621-4, Nov 72 (Eng. Abstr.) (Fre)
[Preventive therapy of hemophilia] Göbel U. **Dtsch Med Wochenschr** 98:1240, 15 Jun 73 (Ger)
[Rules and regulations in the therapy of hemophilia] Landbeck G, et al. **Fortschr Med** 90:542-6, 11 May 72 (Ger)
[Antihemophilic cryoprecipitate (AHCP). Processing technic, testing, and clinical adminstration] Glabbner K, et al. **Med Monatsschr** 27:230-2, May 73 (Ger)
[Prevention of handicapping hemorrhagic complications in severe and moderate hemophilia] Landbeck G, et al. **Med Welt** 24:763-8, 11 May 73 (Ger)
[2 cases of surgical treatment of splenic rupture in patients with hemophilia type A] Ziemski JM, et al. **Acta Hepatogastroenterol (Stuttg)** 2:87-90, Jan-Mar 71 (Eng. Abstr.) (Pol)

ADVERSE EFFECTS

Acute anemia with factor VIII therapy. King EG, et al. **Ann Intern Med** 77:323-4, Aug 72
Treatment of haemophilia. **Lancet** 2:648-9, 22 Sep 73
[Serum hepatitis in infants] Braun OH, et al. **Fortschr Med** 89:827-30, 1 Jul 71 (Ger)

ANALYSIS

Fetal factor VIII and IX levels in early pregnancy and their significance in prenatal diagnosis. Fortune WA, et al. **Acta Haematol (Basel)** 49:314-7, 1973
Inactive factor VIII in hemophilia A and Willebrand's disease. A study of 117 cases. Lechner K. **Acta Haematol (Basel)** 48:257-68, 1972
Failure of subcutaneous heparin treatment in a case of disseminated intravascular coagulation. Stevens W, et al. **Acta Haematol (Basel)** 48:245-50, 1972
The value of measuring platelet "adhesiveness" in the diagnosis of bleeding diseases. Bowie EJ, et al. **Am J Clin Pathol** 60:302-8, Sep 73
Evaluation of assay of factor VIII by automated partial thromboplastin time. Burka ER, et al. **Am J Clin Pathol** 59:751-4, May 73
The plasma protamine paracoagulation test: clinical and laboratory evaluation. Kidder WR, et al. **Am J Clin Pathol** 58:675-86, Dec 72
Hypofibrinogenemia associated with hemangioma of the liver. Martinez J, et al. **Am J Clin Pathol** 60:192-7, Aug 73
A precision study of coagulation factor assay technics. Palkuti HA, et al. **Am J Clin Pathol** 59:231-5, Feb 73
Comparison of activated partial thromboplastin reagents. Sibley C, et al. **Am J Clin Pathol** 59:581-6, Apr 73
Disseminated intravascular coagulation in the respiratory distress syndrome. Margolis CZ, et al. **Am J Dis Child** 125:324-6, Mar 73
Correction of the platelet abnormality in von Willebrand's disease by cryoprecipitate. Weiss HJ, et al. **Am J Med** 53:734-8, Dec 72
Familial occurrence of von Willebrand's disease, thrombocytopenia, and severe gastrointestinal bleeding. Corder MP, et al. **Am J Med Sci** 265:219-23, Mar 73
Plasma volume, electrolyte, and coagulation factor changes following intra-amniotic hypertonic saline infusion. Easterling WE Jr, et al. **Am J Obstet Gynecol** 113:1065-71, 15 Aug 72
Defibrination syndrome after intra-amniotic infusion of hypertonic saline. Weiss AE, et al. **Am J Obstet Gynecol** 113:868-74, 1 Aug 72
Immune hemolytic transfusion reactions in monkeys: activation of the kallikrein system. Lopas H, et al. **Am J Physiol** 225:372-9, Aug 73
The diagnosis of von Willebrand's disease. Bowie EJ, et al. **Ann Clin Lab Sci** 1:85-91, Jul-Aug 71 (39 ref.)
Blood-component therapy. Garrell M, et al. **Ann Intern Med** 77:484-5, Sep 72
Transfusion therapy in congenital deficiencies of plasma factor XIII. Ikkala E. **Ann NY Acad Sci** 202:200-3, 8 Dec 72
Coagulation studies in haemolytic uraemic syndrome. Willoughby ML, et al. **Arch Dis Child** 47:766-71, Oct 72
Von Willebrand's disease type B: a newly defined bleeding diathesis. Firkin B, et al. **Aust NZ J Med** 3:225-9, Jun 73

Specific coagulation factor adsorption to insoluble heparin. Gentry PW, et al.
Biochem Biophys Res Commun 50:500-9, 23 Jan 73

Expression and linkage of genes for X-linked hemophilias A and B in the dog. Brinkhous KM, et al.
Blood 41:577-85, Apr 73

Von Willebrand's syndrome presenting as an acquired bleeding disorder in association with a monoclonal gammopathy. Mant MJ, et al. **Blood** 42:429-36, Sep 73

Effects of plasmin on human factor VIII (AHF). Pasquini R, et al. **Blood** 41:105-11, Jan 73

Properties of the platelet retention (von Willebrand) factor and its similarity to the antihemophilic factor (AHF). Weiss HJ, et al. **Blood** 41:809-15, Jun 73

Application of immunological techniques to the study of classic haemophilia and von Willebrand's disease. Bennett B. **Br J Haematol** 25:273-4, Aug 73

Immunohistological localization of coagulation factors on vascular intima. Bloom AL, et al.
Br J Haematol 25:275, Aug 73

Factor VIII (antihaemophilic factor) in tissues detected by antibody neutralization. Bloom AL, et al.
Br J Haematol 23:157-65, Aug 72

A review of the obstetrical aspects of haemostasis. Bonnar J. **Br J Haematol** 25:274-5, Aug 73

The detection of factor-VIII-like antigen in haemophilic carriers and in patients with raised levels of biologically active factor VIII. Denson KW.
Br J Haematol 24:451-61, Apr 73

Gm types and antibodies in multitransfused haemophiliacs. Kernoff PB, et al.
Br J Haematol 24:443-50, Apr 73

Prolonged prothrombin time and partial thromboplastin time in disseminated intravascular coagulation not due to deficiency of factors V and VIII. Mant MJ, et al. **Br J Haematol** 24:725-34, Jun 73

Increased platelet adhesiveness as a familial characteristic. Papayannis AG, et al.
Br J Haematol 24:435-41, Apr 73

Effect of alpha- and beta-blocking drugs on the clotting and fibrinolytic response to venous status in man. Ponari O, et al. **Br J Haematol** 24:463-70, Apr 73

Studies on blood coagulation, fibrinolysis and platelet function following exercise in normal and splenectomized people. Prentice CR, et al.
Br J Haematol 23:541-52, Nov 72

Coagulation changes during termination of pregnancy by prostaglandins and by vacuum aspiration. Badraoui MH, et al. **Br Med J** 1:19-21, 6 Jan 73

Idiopathic gangrene in African adults. Barr RD, et al.
Br Med J 4:273-4, 4 Nov 72

Hemorrhagic disease due to vitamin K deficiency in a premature infant: a syndrome which may resemble disseminated intravascular coagulation (DIC). Mangurten HH, et al.
Clin Pediatr (Phila) 12:372-5, Jun 73

The hemorrhagic phenomena associated with green pit viper (Trimeresurus erythrurus and Trimeresurus popeorum) bites in children. A report of studies to elucidate their pathogenesis. Mitrakul C, et al.
Clin Pediatr (Phila) 12:215-8, Apr 73

Determination of di-2-ethylhexyl phthalate levels in human blood plasma and cryoprecipitates. Marcel YL.
Environ Health Perspect 3:119-21, Jan 73

Isolation of prekallikrein activator from guinea pig serum or plasma adsorbed to immune precipitates or celite: possible relationship to Hageman factor. Treloar MP, et al. **Eur J Immunol** 2:338-45, Aug 72

Acute hepatic necrosis of hepatitis and mushroom poisoning. The value of coagulation tests in their differentiation, prognostic assessment and pathogenesis. Herold R, et al.
Helv Med Acta 37:5-24, 1973

Laboratory investigations of the dic syndrome. Temperley IJ, et al. **Ir J Med Sci** 83-96, May 73

Isolation and characterization of human Factor VIII (antihemophilic factor). Legaz ME, et al.
J Biol Chem 248:3946-55, 10 Jun 73

Tissue factor activity in lymphocyte cultures from normal individuals and patients with hemophilia A. Rickles FR, et al. **J Clin Invest** 52:1427-34, Jun 73

The subunit structure of normal and hemophilic factor VIII. Shapiro GA, et al.
J Clin Invest 52:2198-210, Sep 73

Blood-clotting mechanisms of nonhuman primates. Choice of the baboon model to simulate man. Todd ME, et al. **J Med Primatol** 1:132-41, 1972

Intracranial hemorrhage in patients with hemophilia. Seeler RA, et al. **J Neurosurg** 39:181-5, Aug 73

A new approach to the surgical management of patients with von Willebrand's disease. Westwood RM, et al.
J Oral Surg 31:483-6, Jun 73

Platelet counts, fibrinogen concentrations, and factor V and factor VIII levels in healthy infants according to gestational age. Sell EJ, et al.
J Pediatr 82:1028-32, Jun 73

An approach to acquired coagulation problems in the neonatal surgical patient. Asch MJ, et al.
J Pediatr Surg 8:227-34, Apr 73

Hypertonic saline-induced abortion. Correlation of fetal death with disseminated intravascular coagulation. Glueck HI, et al. **JAMA** 225:28-31, 2 Jul 73

The role of phospholipids in haemophilia A. Kunz F, et al. **Klin Wochenschr** 50:1058-60, 15 Nov 72

Antigen-biological-activity ratio for factor VIII. Bennett B, et al. **Lancet** 1:777-8, 7 Apr 73

Low-molecular-weight factor VIII. Bouma BN, et al.
Lancet 1:1001, 5 May 73

Antigen-biological-activity ratio for factor VIII. Hougie C, et al. **Lancet** 1:616-7, 17 Mar 73

Low-molecular-weight factor VIII. Weiss HJ.
Lancet 1:1000, 5 May 73

Detection of the carrier state for classic hemophilia. Bennett B, et al. **N Engl J Med** 288:342-5, 15 Feb 73

Immunologic heterogeneity of hemophilia. Colman RW. **N Engl J Med** 288:369-70, 15 Feb 73

Variants of von Willebrand's disease. Pechet L, et al.
N Engl J Med 288:1129-30, 24 May 73

Two genetic variants of von Willebrand's disease. Veltkamp JJ, et al. **N Engl J Med** 288:1411-2, 28 Jun 73

Detection of heterozygotes for recessive von Willebrand's disease by the assay of antihemophilic-factor-like antigen. Veltkamp JJ, et al.
N Engl J Med 289:882-5, 25 Oct 73

Factor 8 on the vascular intima: possible importance in haemostasis and thrombosis. Bloom AL, et al.
Nature [New Biol] 241:217-9, 14 Feb 73

Immunological studies of factor VIII in haemophilia and von Willebrand's disease. Grainick HR, et al.
Nature [New Biol] 244:281-2, 29 Aug 73

Specificity of precipitating antibodies in immunological identification of antihaemophilic factor. Hoyer LW.
Nature [New Biol] 245:49-51, 12 Sep 73

Factor 8 activity in haemophkilic plasma unmasked by synthetic organic anions. Von Kaulla E, et al.
Nature [New Biol] 240:144-5, 29 Nov 72

Coagulation defects caused by diphenylhydantoin. Solomon GE, et al.
Neurology (Minneap) 22:1165-71, Nov 72

Von Willebrand's disease in pregnancy. Noller KL, et al.
Obstet Gynecol 41:865-72, Jun 73

Defibrination in saline abortion. Schwartz R, et al.
Obstet Gynecol 40:728-37, Nov 72

A 1973 look at hemophilia and von Willebrand's disease. Ratnoff OD.
Proc Inst Med Chic 29:296-304, May-Jun 73 (44 ref.)

Genetic counselling. A comparison of two techniques in the detection of Negro carriers of haemophilia. Jenkins T, et al. **S Afr Med J** 47:1185-8, 14 Jul 73

Erythrocytosis associated with haemoglobin Malmö, accompanied by pulmonary changes, occurring in the same family. Berglund S.
Scand J Haematol 9:355-69, 1972

The blood coagulation and fibrinolytic enzyme systems in healthy adult Africans and Europeans--a comparative study. Barr RD, et al.
Scott Med J 18:93-7, May 73

Detection of carriers of classic haemophilia. Bennett B, et al. **Scott Med J** 18:63, Mar 73

Factor VIII inhibitor: acquired haemostatic defect in a nonhaemophiliac patient with rheumatoid arthritis. Payne RW, et al. **Scott Med J** 17:310-3, Sep 72

Stroke and blood coagulation. Todd M, et al.
Stroke 4:400-5, May-Jun 73

Stroma-free hemoglobin. I. Preparation and observations on in vitro changes in coagulation. Moss GS, et al. **Surgery** 74:198-203, Aug 73

Influence of factor VII on the assay of factor VIII by the one stage method using wettable surface. Altman R, et al. **Thromb Diath Haemorrh** 28:457-63, 31 Dec 72

Carbohydrate structure in factor VIII. Austen DE, et al.
Thromb Diath Haemorrh 28:464-72, 31 Dec 72

Coagulation changes induced by endotoxin and purified contact activation product. Barth P, et al.
Thromb Diath Haemorrh 28:280-8, 31 Oct 72

Acute promyelocytic leukemia in a patient with hemophilia. Evidence for rapid consumption of clotting factors. Green D.
Thromb Diath Haemorrh 27:516-22, 31 Jul 72

Blood coagulation and fibrinolysis in a random sample of 788 men 54 years old. II. Relations of the variables to "risk factors" for myocardial infarction. Korsan-Bengtsen K, et al. **Thromb Diath Haemorrh** 28:99-108, 31 Aug 72

Blood coagulation and fibrinolysis in a random sample of 788 men 54 years old. I. Correlations between the variables of clotting and fibrinolysis. Korsan-Bengtsen K, et al. **Thromb Diath Haemorrh** 28:89-98, 31 Aug 72

Antihemophilic factor: separation of an active fragment following dissociation by salts or detergents. Owen WG, et al. **Thromb Diath Haemorrh** 27:502-15, 31 Jul 72

Paradoxical bleeding in intensively transfused hemophilics: alteration of platelet function. Hathaway WE, et al. **Transfusion** 13:6-12, Jan-Feb 73

[Hemostatic disorders in the treatment of leukoblastosis with L-asparaginase (crasnitin)] Genova V. **Vutr Boles** 12:43-9, 1973 (Eng. Abstr.) **(Bul)**

[Effect of the transplanted spleen on factor VIII of the blood coagulation (A.H.F.-antihemolytic factor). (Experimental study)] Noussias M, et al. **Bull Soc Int Chir** 31:331-8, Sep-Oct 72 (Eng. Abstr.) **(Fre)**

[Assay of factor 8 preparations containing fibrinogen during their progressive desialinization] Mester L, et al. **C R Acad Sci [D] (Paris)** 276:209-11, 8 Jan 73 **(Fre)**

[Study of the "in vivo" activity of factor VIII or factor IX after injection of several concentrates: practical applications] Allain JP. **Nouv Rev Fr Hematol** 12:241-9, Mar-Apr 72 (Eng. Abstr.) **(Fre)**

[Synovial inflammation and coagulation factors. II. Biological study of synovial fluid in serogically positive rheumatoid arthritis] Soria C, et al. **Pathol Biol (Paris)** 20:695-701, Sep 72 **(Fre)**

[Circulating anticoagulants during hemophilia] Josso F, et al. **Rev Fr Transfus** 15:281-98, Dec 72 (Eng. Abstr.) **(Fre)**

[Influencing of coagulation factor VIII through the oral ovulation inhibitors Ovosiston, Non-Ovlon and Sequence-Ovosiston] Sander W, et al. **Dtsch Gesundheitsw** 27:2343-7, 7 Dec 72 (Eng. Abstr.) **(Ger)**

[Test reagents for the determination of factor VIII activity in plasma and coagulation-active plasma fractions] Stein P, et al. **Dtsch Gesundheitsw** 27:2056-8, 26 Oct 72 (Eng. Abstr.) **(Ger)**

[Efficiency and limits of platelet function tests in the diagnosis of hemorrhagic diathesis] Linker H, et al. **Internist (Berlin)** 14:143-8, Apr 73 **(Ger)**

[Efficiency and limits of immunologic methods in the diagnosis of blood coagulation] Schwick HG, et al. **Internist (Berlin)** 14:160-9, Apr 73 **(Ger)**

[Antihemophilic cryoprecipitate (AHCP). Processing technic, testing, and clinical adminstration] Glabbner K, et al. **Med Monatsschr** 27:230-2, May 73 **(Ger)**

[Measurement of platelet adhesiveness using a modified form of the Hellem II method with special reference to Von Willebrand-Jürgens syndrome] Niessner H. **Thromb Diath Haemorrh** 27:434-51, 31 Jul 72 (Eng. Abstr.) **(Ger)**

[Coagulation changes following injection of a purified contact activation product] Barth P, et al. **Verh Dtsch Ges Inn Med** 77:1029-32, 1971 **(Ger)**

[Hemophilia as a surgical problem] Wöllenweber HD, et al. **Zentralbl Chir** 97:1541-50, 28 Oct 72 **(Ger)**

[Hemophilia as a medical and social problem] Nosotti NM. **Minerva Med** 63:4677-9, 1 Dec 72 **(Ita)**

[Consumption coagulopathy observed mainly in obstetrics] Masaki M. **Jap J Clin Hematol** 13:195-7, Apr 72 **(Jap)**

[Technic of the thromboplastin formation test] Shmushko RIa. **Lab Delo** 7:444-5, 1972 **(Rus)**

ANTAGONISTS & INHIBITORS

Inactive factor VIII in hemophilia A and Willebrand's disease. A study of 117 cases. Lechner K. **Acta Haematol (Basel)** 48:257-68, 1972

The value of measuring platelet "adhesiveness" in the diagnosis of bleeding diseases. Bowie EJ, et al. **Am J Clin Pathol** 60:302-8, Sep 73

Platelet abnormalities in von Willebrand's disease. Bowie EJ, et al. **Ann NY Acad Sci** 201:400-20, 27 Oct 72

A three-year study of adolescent boys suffering from haemophilia and allied disorders. Rainsford SG, et al. **Br J Haematol** 24:539-51, May 73

Circulating inhibitor against factor VIII. Basu AK, et al. **Bull Calcutta Sch Trop Med** 20:19-20, Apr 72

The subunit structure of normal and hemophilic factor VIII. Shapiro GA, et al. **J Clin Invest** 52:2198-210, Sep 73

Anti-lymphocyte globulin and factor-VIII-related antigen. Peake IR, et al. **Lancet** 2:674-5, 22 Sep 73

Pharmacology of anticoagulants. Quick AJ. **NY State J Med** 73:1647-51, 15 Jun 73

Acquired inhibitors of blood coagulation. Feinstein DI, et al. **Prog Hemostasis Thromb** 1:75-95, 1972 (95 ref.)

Development of circulating inhibitor directed against factor VIII in patients with haemophilia-A. Cohn J, et al. **Scand J Haematol** 9:524-30, 1972

Factor VIII inhibitor: acquired haemostatic defect in a nonhaemophiliac patient with rheumatoid arthritis. Payne RW, et al. **Scott Med J** 17:310-3, Sep 72

Carbohydrate structure in factor VIII. Austen DE, et al. **Thromb Diath Haemorrh** 28:464-72, 31 Dec 72

The treatment of patients having spontaneously occurring antibodies to antihaemophilic factor (factor VIII). Rizza CR, et al. **Thromb Diath Haemorrh** 28:120-8, 31 Aug 72

[An unusual cause of postpartum hemorrhage: the antihemophilic A factor inhibitor] Piana L, et al. **Rev Fr Gynecol Obstet** 67:621-4, Nov 72 (Eng. Abstr.) **(Fre)**

[Circulating anticoagulants during hemophilia] Josso F, et al. **Rev Fr Transfus** 15:281-98, Dec 72 (Eng. Abstr.) **(Fre)**

[Cryptogenic anti-8 inhibitor] Rochon M, et al. **Union Med Can** 100:2353-6, Dec 71 (Eng. Abstr.) **(Fre)**

[Inactive factor VIII in hemophilia A and Willebrand's disease] Lechner K. **Verh Dtsch Ges Inn Med** 78:710-3, 1972 **(Ger)**

[Blood coagulation disorders caused by abnormal blood coagulation factors] Fiedler H. **Z Aerztl Fortbild (Jena)** 66:692-8, 1 Jul 72 **(Ger)**

BIOSYNTHESIS

The diagnosis of von Willebrand's disease. Bowie EJ, et al. **Ann Clin Lab Sci** 1:85-91, Jul-Aug 71 (39 ref.)

Von Willebrand's disease. Pitney WR. **Aust NZ J Med** 3:305-6, Jun 73

Low-molecular-weight factor VIII. Bloom AL, et al. **Lancet** 1:661-2, 24 Mar 73

Factor-VIII-like antigen. Boulton FE. **Lancet** 1:1446, 23 Jun 73

Antigen/biological-activity ratio for factor VIII. Denson WK, et al. **Lancet** 1:157-8, 20 Jan 73

Anti-lymphocyte globulin and factor-VIII-related antigen. Peake IR, et al. **Lancet** 2:674-5, 22 Sep 73

Two genetic variants of von Willebrand's disease. Veltkamp JJ, et al. **N Engl J Med** 288:1411-2, 28 Jun 73

A 1973 look at hemophilia and von Willebrand's disease. Ratnoff OD. **Proc Inst Med Chic** 29:296-304, May-Jun 73 (44 ref.)

DIAGNOSTIC USE

Ristocetin: a means of differentiating von Willebrand's disease into two groups. Howard MA, et al. **Blood** 41:687-90, May 73

ISOLATION & PURIFICATION

Evaluation of assay of factor VIII by automated partial thromboplastin time. Burka ER, et al. **Am J Clin Pathol** 59:751-4, May 73

Immunohistological localization of coagulation factors on vascular intima. Bloom AL, et al. **Br J Haematol** 25:275, Aug 73

Factor VIII (antihaemophilic factor) in tissues detected by antibody neutralization. Bloom AL, et al. **Br J Haematol** 23:157-65, Aug 72

Isolation and characterization of human Factor VIII (antihemophilic factor). Legaz ME, et al. **J Biol Chem** 248:3948-55, 10 Jun 73

Studies on the nature of antihemophilic factor (factor VIII). Further evidence relating the AHF-like antigens in normal and hemophilic plasmas. Bennett B, et al. **J Clin Invest** 52:2191-7, Sep 73

The subunit structure of normal and hemophilic factor VIII. Shapiro GA, et al. **J Clin Invest** 52:2198-210, Sep 73

Immunologic studies of antihemophilic factor (AHF,

factor VIII). IV. Radioimmunoassay of AHF antigen. Hoyer LW. **J Lab Clin Med** 80:822-33, Dec 72

Aggregation of human platelets by purified porcine and bovine antihaemophilic factor. Forbes CD, et al. **Nature [New Biol]** 241:149-50, 31 Jan 73

Development of large-scale fractionation methods. 3. Preparation of a factor VIII concentrate of intermediate-purity. James HL, et al. **Vox Sang** 23:402-12, 1972

A therapeutic concentrate of coagulation factors II, IX and X from citrated, factor VIII-depleted plasma. Middleton SM, et al. **Vox Sang** 24:441-56, May 73

Fractionation of plasma with polyethylene glycol. Polson A, et al. **Vox Sang** 23:107-18, Jul-Aug 72

The current status of blood fractionation in the United States. Sgouris JT. **Vox Sang** 23:45-55, Jul-Aug 72

Precipitation methods in plasma fractionation. Steinbuch M. **Vox Sang** 23:92-106, Jul-Aug 72

Development of plasma derivatives for clinical use. Tullis JL. **Vox Sang** 23:3-9, Jul-Aug 72

[Use of Cohn's ADL-fractionator for isolation of blood elements and preparation of antihemophilic cryoprotein from platelet-free plasma] Vopatová M, et al. **Vnitr Lek** 19:55-61, Jan 73 (Eng. Abstr.) **(Cze)**

[Assay of factor 8 preparations containing fibrinogen during their progressive desialinization] Mester L, et al. **C R Acad Sci [D] (Paris)** 276:209-11, 8 Jan 73 **(Fre)**

[Studies on cryoprecipitates. 1. Distribution of antihemophilic globulin A (factor VIII) and of thrombocytes in cryoprecipitation] Uteg KH, et al. **Folia Haematol (Leipz)** 97:322-31, 1972 (Eng. Abstr.) **(Ger)**

[New preparation of antihemophilic globulin (factor VIII) obtained by means of cryoprecipitation and the use of dextran] Lopaciuk S, et al. **Acta Haematol Pol** 2:103-8, Apr-Jun 71 (Eng. Abstr.) **(Pol)**

METABOLISM

Blood coagulation, fibrinolysis and platelet function in women aged 38, 46, 50, 54 and 60. The study of women in Gothenburg 1968-1969. Korsan-Bengtsen K, et al. **Acta Med Scand** 193:543-6, Jun 73

Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA. **Ann Clin Lab Sci** 1:139-54, Sep-Oct 71 (46 ref.)

Patho-physiological changes following ischemia of the spleen. Tsapogas MJ, et al. **Ann Surg** 178:179-85, Aug 73

Isolation and characterization of human Factor VIII (antihemophilic factor). Legaz ME, et al. **J Biol Chem** 248:3946-55, 10 Jun 73

Diagnosis of hemorrhagic disorders. Nemerson Y. **Med Clin North Am** 57:531-41, Mar 73 (30 ref.)

Immunological studies of anti-haemophilic factor a (factor VIII). Bouma BN. **Neth J Med** 16:94-100, 1973

Coagulation abnormalities in liver disease. Losowsky MS, et al. **Postgrad Med** 53:147-52, Jan 73

The tissue factor pathway of blood coagulation. Nemerson Y, et al. **Prog Hemostasis Thromb** 1:1-37, 1972 (171 ref.)

Carbohydrate structure in factor VIII. Austen DE, et al. **Thromb Diath Haemorrh** 28:464-72, 31 Dec 72

Acute promyelocytic leukemia in a patient with hemophilia. Evidence for rapid consumption of clotting factors. Green D. **Thromb Diath Haemorrh** 27:516-22, 31 Jul 72

[Influencing of coagulation factor VIII through the oral ovulation inhibitors Ovosiston, Non-Ovlon and Sequence-Ovosiston] Sander W, et al. **Dtsch Gesundheitsw** 27:2343-7, 7 Dec 72 (Eng. Abstr.) **(Ger)**

[Inactive factor VIII in hemophilia A and Willebrand's disease] Lechner K. **Verh Dtsch Ges Inn Med** 78:710-3, 1972 **(Ger)**

[The effect of aminazine on blood coagulation] Novak EN. **Farmakol Toksikol** 35:717-20, Nov-Dec 72 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Aggregation of human platelets by purified porcine and bovine antihaemophilic factor. Forbes CD, et al. **Nature [New Biol]** 241:149-50, 31 Jan 73

PHYSIOLOGY

Interaction between platelets and von Willebrand factor provides a new scheme for primary haemostasis. Caen JP, et al. **Nature [New Biol]** 244:159-60, 1 Aug 73

Affinity of factor 8 clotting activity for antigen detectable immunologically. Kernoff PB. **Nature [New Biol]** 244:148-9, 1 Aug 73

[Influence of pregnancy on the activation factors of blood coagulation and on thrombocytes] Tismer R, et al. **Z Geburtshilfe Perinatol** 176:183-92, Jun 72 (Eng. Abstr.) **(Ger)**

[Disseminated intravascular coagulation] Amir J. **Harefuah** 83:29-32, 2 Jul 72 (20 ref.) **(Heb)**

[Role of the heart and vessels in regulating blood coagulation and fibrinolysis] Kuznik BI, et al. **Kardiologiia** 13:145-54, Apr 73 (112 ref.) **(Rus)**

STANDARDS

Standardization of factor VIII preparations. Kasper CK, et al. **N Engl J Med** 288:215, 25 Jan 73

Factor VIII preparations. Wickerhauser M. **N Engl J Med** 288:913, 26 Apr 73

THERAPEUTIC USE

Anti-human-Ig genetic Ig markers and anti-Au in patients with haemophilia. Grubb R, et al. **Acta Pathol Microbiol Scand [B]** 80:934-5, 1972

Acute anemia with factor VIII therapy. King EG, et al. **Ann Intern Med** 77:323-4, Aug 72

Supervised patient-management of hemophilia. A study of 45 patients with hemophilia A and B. Levine PH, et al. **Ann Intern Med** 78:195-201, Feb 73

An IgM circulating anticoagulant with factor VIII inhibitory activity. McKelvey EM, et al. **Ann Intern Med** 77:571-5, Oct 72

Hemophilia with factor VIII inhibitor. Elimination of anamnestic response. Stein RS, et al. **Ann Intern Med** 79:84-7, Jul 73

Controlled trial of joint aspiration in acute haemophilic haemarthrosis. Ingram GI, et al. **Ann Rheum Dis** 31:423, Sep 72

Elective ocular surgery in hemophilia. Richards RD, et al. **Arch Ophthalmol** 89:167-8, Feb 73

Hemophilia in otolaryngology. Current concepts. Weissman BW, et al. **Arch Otolaryngol** 95:526-9, Jun 72

Estimation of the probability of post transfusion hepatitis in hemophilia treatment. Davis CE, et al. **Biometrics** 29:386-92, Jun 73

Successful management of a subdural hematoma in a hemophiliac with an anti-factor VIII antibody. Edson JR, et al. **Blood** 41:113-22, Jan 73

A controlled trial of joint aspiration in acute haemophilic haemarthrosis. Ingram GI, et al. **Br J Haematol** 23:649-54, Dec 72

The treatment of patients who have factor-VIII antibodies. Rizza CR, et al. **Br J Haematol** 24:65-82, Jan 73

Acquired inhibitor of antihemophilic globulin (Factor VIII) in an orthopaedic patient. A case report. Jiji RM, et al. **J Bone Joint Surg [Am]** 54:417-22, Mar 72

Lower extremity amputation in hemophilia. Case report and review of surgical principles. Staas WE Jr, et al. **J Bone Joint Surg [Am]** 54:1514-22, Oct 72

A trial of prophylactic replacement therapy in haemophilia and Christmas disease. Ramsay DM, et al. **J Clin Pathol** 26:243-7, Apr 73

Intracranial hemorrhage in patients with hemophilia. Seeler RA, et al. **J Neurosurg** 39:181-5, Aug 73

A new approach to the surgical management of patients with von Willebrand's disease. Westwood RM, et al. **J Oral Surg** 31:483-6, Jun 73

Hemophilia home transfusion program: analysis of cost data. Lazerson J. **J Pediatr** 83:623-5, Oct 73

Hemophilia home transfusion program: effect of cryoprecipitate utilization. Lazerson J. **J Pediatr** 82:857-9, May 73

Treatment of haemophilia. **Lancet** 2:648-9, 22 Sep 73

Hemophilia. Schick PK. **Med Clin North Am** 57:1095-106, Jul 73 (52 ref.)

Clinical uses of human blood fractions. Schiff P. **Med J Aust** 1:22-6, 6 Jan 73

Standardization of factor VIII preparations. Kasper CK, et al. **N Engl J Med** 288:215, 25 Jan 73

Specific therapy in hemophilia. Hutaff LW. **NC Med J** 34:193-6, Mar 73

Tooth extractions in hemophiliacs after administration of a single dose of factor VIII or factor IX concentrate

supplemented with AMCA. Björlin G, et al. **Oral Surg** 36:482-9, Oct 73

Delivery of care to hemophilic children: home care versus hospitalization. Strawczynski H, et al. **Pediatrics** 51:986-91, Jun 73

The laboratory assessment of the efficacy of antihaemophilic therapy. Lurie A. **S Afr Med J** 46:844, 17 Jun 72

Home infusions for haemophilia. **S Afr Med J** 47:1, 6 Jan 73

Development of circulating inhibitor directed against factor VIII in patients with haemophilia-A. Cohn J, et al. **Scand J Haematol** 9:524-30, 1972

Acute promyelocytic leukemia in a patient with hemophilia. Evidence for rapid consumption of clotting factors. Green D. **Thromb Diath Haemorrh** 27:516-22, 31 Jul 72

The treatment of patients having spontaneously occurring antibodies to antihaemophilic factor (factor VIII). Rizza CR, et al. **Thromb Diath Haemorrh** 28:120-8, 31 Aug 72

Paradoxical bleeding in intensively transfused hemophilics: alteration of platelet function. Hathaway WE, et al. **Transfusion** 13:6-12, Jan-Feb 73

Development of large-scale fractionation methods. 3. Preparation of a factor VIII concentrate of intermediate-purity. James HL, et al. **Vox Sang** 23:402-12, 1972

[Study of the "in vivo" activity of factor VIII or factor IX after injection of several concentrates: practical applications] Allain JP. **Nouv Rev Fr Hematol** 12:241-9, Mar-Apr 72 (Eng. Abstr.) (Fre)

[Pseudotumors of the bone in hemophilia] Witzel L, et al. **Dtsch Med Wochenschr** 98:206-9, 2 Feb 73 (Eng. Abstr.) (Ger)

[Rules and regulations in the therapy of hemophilia] Landbeck G, et al. **Fortschr Med** 90:542-6, 11 May 72 (Ger)

[Measurement of platelet adhesiveness using a modified form of the Hellem II method with special reference to Von Willebrand-Jürgens syndrome] Niessner H. **Thromb Diath Haemorrh** 27:434-51, 31 Jul 72 (Eng. Abstr.) (Ger)

[Severe serogenic hemolytic anemia caused by anti-D fraction in factor VIII concentrate] Schricker KT, et al. **Thromb Diath Haemorrh** 27:523-8, 31 Jul 72 (Eng. Abstr.) (Ger)

[Advances in prophylaxis, therapy and surgical procedures in patients with hemophilia A] Rudowski W. **Przegl Lek** 30:489-93, 1973 (Pol)

[Dental surgery in patients with coagulopathies. 3] Björlin G, et al. **Sven Tandlak Tidskr** 65:411-21, Aug 72 (Eng. Abstr.) (Swe)

FACTOR IX

Recurrent thrombosis in a young woman with a circulating anticoagulant directed against factors XI and XII. Aberg H, et al. **Acta Med Scand** 192:419-25, Nov 72

The use of antifibrinolytic drugs to prevent early recurrent aneurysmal subarachnoid haemorrhage. Tovi D. **Acta Neurol Scand** 49:163-75, 1973

Procoagulant properties of amniotic fluid. Phillips LL, et al. **Am J Obstet Gynecol** 113:911-9, 1 Aug 72

Circulating anticoagulants against factors IX and XI in systemic lupus erythematosus. Castro O, et al. **Ann Intern Med** 77:543-8, Oct 72

Suppression of factor IX antibody in hemophilia B by factor IX and cyclophosphamide. Nilsson IM, et al. **Ann Intern Med** 78:91-5, Jan 73

Plasma protein requirements for human platelet aggregation. Bang NU, et al. **Ann NY Acad Sci** 201:280-99, 27 Oct 72

The intrinsic activation of factor X in blood coagulation. Chuang TF, et al. **Biochim Biophys Acta** 273:287-91, 19 Jul 72

Immunologic identification of tissue factor (thromboplastin) synthesized by cultured fibroblasts. Zacharski LR, et al. **Blood** 41:671-8, May 73

Coagulation factor variants. Bloom AL. **Br J Haematol** 23:643-7, Dec 72 (34 ref.)

A three-year study of adolescent boys suffering from haemophilia and allied disorders. Rainsford SG, et al. **Br J Haematol** 24:539-51, May 73

Hemophilia. Schick PK. **Med Clin North Am** 57:1095-106, Jul 73 (52 ref.)

Hemostatic problems in liver surgery. Rö JS. **Scand J Gastroenterol [Suppl]** 19:71-81, 1973 (67 ref.)

Cold promoted activation of factor VII. IV. Relation to the coagulation system. Gjonnaess H. **Thromb Diath Haemorrh** 28:194-205, 31 Oct 72

[On the coagulation factors from V through XIII] Yoshida K, et al. **Jap J Clin Med** 31:755-64, Apr 73 (66 ref.) (Jap)

[Case of factor XII deficiency with prolonged bleeding time] Sroczyński J, et al. **Acta Haematol Pol** 2:239-42, Jul-Sep 71 (Eng. Abstr.) (Pol)

[Mechanisms of action of oral anticoagulants] Uszyński L. **Acta Haematol Pol** 3:133-9, Apr-Jun 72 (Eng. Abstr.) (Pol)

[Reaction kinetics of blood clotting factors] Uszyński L. **Acta Haematol Pol** 3:207-12, Apr-Jun 72 (Pol)

[Preparation of factor IX concentrate with the use of DEAE-cellulose and its therapeutic results] Uszyński L, et al. **Acta Haematol Pol** 2:109-14, Apr-Jun 71 (Eng. Abstr.) (Pol)

ADMINISTRATION & DOSAGE

Suppression of factor IX antibody in hemophilia B by factor IX and cyclophosphamide. Nilsson IM, et al. **Ann Intern Med** 78:91-5, Jan 73

Treatment of haemophilia. **Lancet** 2:648-9, 22 Sep 73

Specific therapy in hemophilia. Hutaff LW. **NC Med J** 34:193-6, Mar 73

[Preventive therapy of hemophilia] Göbel U. **Dtsch Med Wochenschr** 98:1240, 15 Jun 73 (Ger)

[Prevention of handicapping hemorrhagic complications in severe and moderate hemophilia] Landbeck G, et al. **Med Welt** 24:763-8, 11 May 73 (Ger)

ADVERSE EFFECTS

Treatment of haemophilia. **Lancet** 2:648-9, 22 Sep 73

Vascular lesions in hemophilia B. Steinberg MH, et al. **N Engl J Med** 289:592, 13 Sep 73

ANALYSIS

Fetal factor VIII and IX levels in early pregnancy and their significance in prenatal diagnosis. Fortune WA, et al. **Acta Haematol (Basel)** 49:314-7, 1973

Hemophilia B in a phenotypically normal girl with XX (ring) XO mosaicism. Neuschatz J, et al. **Acta Haematol (Basel)** 49:108-13, 1973

Clinical experiences with chromatographic DEAE adsorbed prothrombin complex for control of bleeding and multiple tooth extraction in hemophilia B patients. Onishi H, et al. **Acta Haematol Jap** 34:513-6, Aug 71

A precision study of coagulation factor assay technics. Palkuti HA, et al. **Am J Clin Pathol** 59:231-5, Feb 73

Comparison of activated partial thromboplastin reagents. Sibley C, et al. **Am J Clin Pathol** 59:581-6, Apr 73

Coagulation changes in saline-induced abortion. Laros RK Jr, et al. **Am J Obstet Gynecol** 116:271-6, 15 May 73

Specific coagulation factor adsorption to insoluble heparin. Gentry PW, et al. **Biochem Biophys Res Commun** 50:500-9, 23 Jan 73

Expression and linkage of genes for X-linked hemophilias A and B in the dog. Brinkhous KM, et al. **Blood** 41:577-85, Apr 73

Hemophilia B+ or Bm. First case reported in Italy. Girolami A, et al. **Biut** 26:268-79, Apr 73

Evidence for a humoral agent capable of raising vitamin-K-dependent coagulation factors in rabbits. Karpatkin M, et al. **Br J Haematol** 24:553-62, May 73

Gm types and antibodies in multitransfused haemophiliacs. Kernoff PB, et al. **Br J Haematol** 24:443-50, Apr 73

The hemorrhagic phenomena associated with green pit viper (Trimeresurus erythrurus and Trimeresurus popeorum) bites in children. A report of studies to elucidate their pathogenesis. Mitrakul C, et al. **Clin Pediatr (Phila)** 12:215-8, Apr 73

Isolation of prekallikrein activator from guinea pig serum or plasma adsorbed to immune precipitates or celite: possible relationship to Hageman factor. Treloar MP, et al. **Eur J Immunol** 2:338-45, Aug 72

Blood-clotting mechanisms of nonhuman primates.

Choice of the baboon model to simulate man. Todd ME, et al. **J Med Primatol** 1:132-41, 1972

Platelet counts, fibrinogen concentrations, and factor V and factor VIII levels in healthy infants according to gestational age. Sell EJ, et al. **J Pediatr** 82:1028-32, Jun 73

Coagulation defects caused by diphenylhydantoin. Solomon GE, et al. **Neurology (Minneap)** 22:1165-71, Nov 72

A 1973 look at hemophilia and von Willebrand's disease. Ratnoff OD. **Proc Inst Med Chic** 29:296-304, May-Jun 73 (44 ref.)

Variants of haemophilia B. Elödi S, et al. **Thromb Diath Haemorrh** 28:489-95, 31 Dec 72

Gel filtration properties of factors II, VII, IX, IX a , and X. Osterud B, et al. **Thromb Diath Haemorrh** 28:317-24, 31 Oct 72

[Study of the "in vivo" activity of factor VIII or factor IX after injection of several concentrates: practical applications] Allain JP. **Nouv Rev Fr Hematol** 12:241-9, Mar-Apr 72 (Eng. Abstr.) (Fre)

[Efficiency and limits of immunologic methods in the diagnosis of blood coagulation] Schwick HG, et al. **Internist (Berlin)** 14:160-9, Apr 73 (Ger)

[Hemophilia as a medical and social problem] Nosotti NM. **Minerva Med** 63:4677-9, 1 Dec 72 (Ita)

ANTAGONISTS & INHIBITORS

Pharmacology of anticoagulants. Quick AJ. **NY State J Med** 73:1647-51, 15 Jun 73

Acquired inhibitors of blood coagulation. Feinstein DI, et al. **Prog Hemostasis Thromb** 1:75-95, 1972 (95 ref.)

Variants of haemophilia B. Elödi S, et al. **Thromb Diath Haemorrh** 28:489-95, 31 Dec 72

[Circulating anticoagulants during hemophilia] Josso F, et al. **Rev Fr Transfus** 15:281-98, Dec 72 (Eng. Abstr.) (Fre)

[Acquired factor IX-inhibitor in a non-hemophilic patient with autoimmune disease] Largo R, et al. **Schweiz Med Wochenschr** 102:1612-3, 4 Nov 72 (Eng. Abstr.) (Ger)

[Blood coagulation disorders caused by abnormal blood coagulation factors] Fiedler H. **Z Aerztl Fortbild (Jena)** 66:692-8, 1 Jul 72 (Ger)

BIOSYNTHESIS

[Hemostasis disorders in liver cirrhosis] Judkiewicz L, et al. **Pol Tyg Lek** 28:708-11, 1 May 73 (34 ref.) (Pol)

ISOLATION & PURIFICATION

A quantitative two-stage assay for factor IX (Christmas factor) using plasma from dogs with Christmas disease. Aronson DL, et al. **Thromb Diath Haemorrh** 27:529-34, 31 Jul 72

Plasma free of factors II, VII, IX, and X. Need for high speed centrifugation after Al(OH) 3 absorption. Loeliger EA, et al. **Thromb Diath Haemorrh** 29:211-2, 28 Feb 73

The adsorption of blood coagulation factors II, VII, IX and X from human plasma to aluminium hydroxide. Swart AC, et al. **Thromb Diath Haemorrh** 27:490-501, 31 Jul 72

A therapeutic concentrate of coagulation factors II, IX and X from citrated, factor VIII-depleted plasma. Middleton SM, et al. **Vox Sang** 24:441-56, May 73

Experiences in the development of plasma derivatives in Japan. Naito R. **Vox Sang** 23:35-7, Jul-Aug 72

The current status of blood fractionation in the United States. Sgouris JT. **Vox Sang** 23:45-55, Jul-Aug 72

[Preparation of factor IX concentrate with the use of DEAE-cellulose and its therapeutic results] Uszyński L, et al. **Acta Haematol Pol** 2:109-14, Apr-Jun 71 (Eng. Abstr.) (Pol)

METABOLISM

Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA. **Ann Clin Lab Sci** 1:139-54, Sep-Oct 71 (46 ref.)

Patho-physiological changes following ischemia of the spleen. Tsapogas MJ, et al. **Ann Surg** 178:179-85, Aug 73

Diagnosis of hemorrhagic disorders. Nemerson Y. **Med Clin North Am** 57:531-41, Mar 73 (30 ref.)

Coagulation abnormalities in liver disease. Losowsky MS, et al. **Postgrad Med** 53:147-52, Jan 73

Heparin therapy in the case of acute liver cirrhosis. Fischer M, et al. **Scand J Gastroenterol [Suppl]** 19:135-8, 1973

[The effect of aminazine on blood coagulation] Novak EN. **Farmakol Toksikol** 35:717-20, Nov-Dec 72 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

Suppression of factor IX antibody in hemophilia B by factor IX and cyclophosphamide. Nilsson IM, et al. **Ann Intern Med** 78:91-5, Jan 73

PHYSIOLOGY

[Influence of pregnancy on the activation factors of blood coagulation and on thrombocytes] Tismer R, et al. **Z Geburtshilfe Perinatol** 176:183-92, Jun 72 (Eng. Abstr.) (Ger)

[Disseminated intravascular coagulation] Amir J. **Harefuah** 83:29-32, 2 Jul 72 (20 ref.) (Heb)

THERAPEUTIC USE

Clinical experiences with chromatographic DEAE adsorbed prothrombin complex for control of bleeding and multiple tooth extraction in hemophilia B patients. Onishi H, et al. **Acta Haematol Jap** 34:513-6, Aug 71

Supervised patient-management of hemophilia. A study of 45 patients with hemophilia A and B. Levine PH, et al. **Ann Intern Med** 78:195-201, Feb 73

A trial of prophylactic replacement therapy in haemophilia and Christmas disease. Ramsay DM, et al. **J Clin Pathol** 26:243-7, Apr 73

Intracranial haemorrhage in low-birth-weight infants and prophylactic administration of coagulation-factor concentrate. Waltl H, et al. **Lancet** 1:1284-6, 9 Jun 73

Treatment of haemophilia. **Lancet** 2:648-9, 22 Sep 73

Hemophilia. Schick PK. **Med Clin North Am** 57:1095-106, Jul 73 (52 ref.)

Congenital factor VII deficiency with cerebral haemorrhage treated with prothrombin concentrate. Marriage K, et al. **Med J Aust** 2:942-5, 21 Oct 72

Prevention of intraventricular haemorrhage in babies receiving artificial ventilation. Thomas DB, et al. **Med J Aust** 1:933-6, 12 May 73

Specific therapy in hemophilia. Hutaff LW. **NC Med J** 34:193-6, Mar 73

Delivery of care to hemophilic children: home care versus hospitalization. Strawczynski H, et al. **Pediatrics** 51:986-91, Jun 73

Pseudotumor in a patient with factor IX deficiency. Andes WA, et al. **South Med J** 66:905-8, Aug 73

A therapeutic concentrate of coagulation factors II, IX and X from citrated, factor VIII-depleted plasma. Middleton SM, et al. **Vox Sang** 24:441-56, May 73

[Study of the "in vivo" activity of factor VIII or factor IX after injection of several concentrates: practical applications] Allain JP. **Nouv Rev Fr Hematol** 12:241-9, Mar-Apr 72 (Eng. Abstr.) (Fre)

[Is the administration of prothrombin concentrate in heart infarct always absolutely contraindicated?] Schricker KT, et al. **Med Klin** 67:341-5, 16 Jun 72 (Eng. Abstr.) (Ger)

[Preparation of factor IX concentrate with the use of DEAE-cellulose and its therapeutic results] Uszyński L, et al. **Acta Haematol Pol** 2:109-14, Apr-Jun 71 (Eng. Abstr.) (Pol)

[The treatment of inherited coagulation disorders] Blombäck M, et al. **Lakartidningen** 69:Suppl 4:76-84, 27 Dec 72 (Eng. Abstr.) (Swe)

[Dental surgery in patients with coagulopathies. 3] Björlin G, et al. **Sven Tandlak Tidskr** 65:411-21, Aug 72 (Eng. Abstr.) (Swe)

FACTOR X

Abnormal factor X(factor X Friuli) coagulation disorder. Girolami A, et al. **Acta Haematol (Basel)** 49:114-22, 1973

The use of antifibrinolytic drugs to prevent early

recurrent aneurysmal subarachnoid haemorrhage. Tovi D. **Acta Neurol Scand** 49:163-75, 1973

Amyloidosis with factor X deficiency. Bernhardt B, et al. **Am J Med Sci** 264:411-4, Nov 72

Procoagulant properties of amniotic fluid. Phillips LL, et al. **Am J Obstet Gynecol** 113:911-9, 1 Aug 72

Molecular characteristics of bovine factor X activated in concentrated sodium citrate solution. Radcliffe RD, et al. **Arch Biochem Biophys** 155:381-90, Apr 73

Bovine factor X 1 (Stuart factor). Mechanism of activation by protein from Russell's viper venom. Fujikawa K, et al. **Biochemistry** 11:4892-9, 19 Dec 72

Mechanism of bovine prothrombin activation by an insoluble preparation of bovine factor X a (thrombokinase). Stenn KS, et al. **Biochemistry** 11:4502-15, 21 Nov 72

The intrinsic activation of factor X in blood coagulation. Chuang TF, et al. **Biochim Biophys Acta** 273:287-91, 19 Jul 72

Coagulation factor variants. Bloom AL. **Br J Haematol** 23:643-7, Dec 72 (34 ref.)

Determinants of prothrombinase activity and modification of prothrombin conversion by thrombin-treated factor V. Kandall C, et al. **Br J Haematol** 23:655-68, Dec 72

The activation of prothrombin. I. Isolation and preliminary characterization of intermediates. Heldebrant CM, et al. **J Biol Chem** 248:3642-52, 25 May 73

The purification and properties of an abnormal prothrombin protein produced by dicumarol-treated cows. A comparison to normal prothrombin. Nelsestuen GL, et al. **J Biol Chem** 247:8176-82, 25 Dec 72

Titration of activated bovine Factor X. Smith RL. **J Biol Chem** 248:2418-23, 10 Apr 73

Congenital Stuart-Prower factor (factor X) deficiency. Sarup BM, et al. **J Indian Med Assoc** 59:110-4, 1 Aug 72

Plasma heparin: a unique, practical, submicrogram-sensitive assay. Yin ET, et al. **J Lab Clin Med** 81:298-310, Feb 73

The coagulation and fibrinolytic properties of peritoneal and venous blood in patients with ruptured ectopic pregnancy. Carty MJ, et al. **J Obstet Gynaecol Br Commonw** 80:701-3, Aug 73

Systemic amyloidosis associated with micro-angiopathic haemolytic anaemia and factor X (Stuart factor) deficiency. Jacobson RJ, et al. **S Afr Med J** 46:1634-7, 28 Oct 72

An approach to dental extractions in haemophilia and related bleeding disorders in children. Lurie A, et al. **S Afr Med J** 46:1743-6, 11 Nov 72

Hemostatic problems in liver surgery. Rö JS. **Scand J Gastroenterol [Suppl]** 19:71-81, 1973 (67 ref.)

Biochemical tests in evaluation of liver function. Skrede S, et al. **Scand J Gastroenterol [Suppl]** 19:37-46, 1973

Coagulation and fibrinolysis in simian Plasmodium knowlesi malaria. Sucharit P, et al. **Southeast Asian J Trop Med Public Health** 4:15-8, Mar 73

The effect of several tissue thromboplastins on the activation of the abnormal factor X (factor X Friuli). Girolami A, et al. **Thromb Diath Haemorrh** 27:535-42, 31 Jul 72

Cold promoted activation of factor VII. IV. Relation to the coagulation system. Gjonnaess H. **Thromb Diath Haemorrh** 28:194-205, 31 Oct 72

Observations on factor X activity after adsorption to barium sulphate. Howell RM, et al. **Thromb Diath Haemorrh** 28:306-16, 31 Oct 72

The influence of fluid shear on the kinetics of blood coagulation reactions. Spaeth EE, et al. **Trans Am Soc Artif Intern Organs** 19:179-87, 1973

Stability of coagulation factors I and X during collection and subsequent storage of bank blood in ACD-A and CPD solutions. Weisert O, et al. **Vox Sang** 24:377-9, Apr 73

[Major hepatectomy in man. Metabolic consequences] Huguet C, et al. **Nouv Presse Med** 2:761-5, Mar 72 (Eng. Abstr.) (Fre)

[Postoperative thrombosis. Prevention with small doses of subcutaneous heparin] Thibault P. **Nouv Presse Med** 1:2915-6, 2 Dec 72 (Fre)

[Study of the "in vivo" activity of factor VIII or factor IX after injection of several concentrates: practical applications] Allain JP. **Nouv Rev Fr Hematol** 12:241-9, Mar-Apr 72 (Eng. Abstr.) (Fre)

[Acquired isolated factor X deficiency in generalized amyloidosis] Wick A, et al. **Schweiz Med Wochenschr** 102:1760-6, 2 Dec 72 (Eng. Abstr.) (Ger)

[Consumption coagulopathy in obstructive septic pyelonephritis] Skoluda D, et al. **Urologie [A]** 12:21-4, Jan 73 (Eng. Abstr.) (Ger)

[Blood coagulation disorders caused by abnormal blood coagulation factors] Fiedler H. **Z Aerztl Fortbild (Jena)** 66:692-8, 1 Jul 72 (Ger)

[On the coagulation factors from V through XIII] Yoshida K, et al. **Jap J Clin Med** 31:755-64, Apr 73 (66 ref.) (Jap)

[Blood coagulation and fibrinolysis disorders connected with open heart surgery using extracorporeal circulation] Palester-Chlebowczyk M, et al. **Acta Haematol Pol** 2:163-8, Apr-Jun 71 (Eng. Abstr.) (Pol)

[Case of factor XII deficiency with prolonged bleeding time] Sroczyński J, et al. **Acta Haematol Pol** 2:239-42, Jul-Sep 71 (Eng. Abstr.) (Pol)

[Mechanisms of action of oral anticoagulants] Uszyński L. **Acta Haematol Pol** 3:133-9, Apr-Jun 72 (Eng. Abstr.) (Pol)

[Reaction kinetics of blood clotting factors] Uszyński L. **Acta Haematol Pol** 3:207-12, Apr-Jun 72 (Pol)

[Preparation of factor IX concentrate with the use of DEAE-cellulose and its therapeutic results] Uszyński L, et al. **Acta Haematol Pol** 2:109-14, Apr-Jun 71 (Eng. Abstr.) (Pol)

ADMINISTRATION & DOSAGE

[Rules and regulations in the therapy of hemophilia] Landbeck G, et al. **Fortschr Med** 90:542-6, 11 May 72 (Ger)

ANALYSIS

Coagulation changes in saline-induced abortion. Laros RK Jr, et al. **Am J Obstet Gynecol** 116:271-6, 15 May 73

Immune hemolytic transfusion reactions in monkeys: activation of the kallikrein system. Lopas H, et al. **Am J Physiol** 225:372-9, Aug 73

Molecular characteristics of bovine factor X activated in concentrated sodium citrate solution. Radcliffe RD, et al. **Arch Biochem Biophys** 155:381-90, Apr 73

Specific coagulation factor adsorption to insoluble heparin. Gentry PW, et al. **Biochem Biophys Res Commun** 50:500-9, 23 Jan 73

The purification and properties of factor X from pig serum and its role in hypercoagulability in vivo. Dupe RJ, et al. **Biochem J** 133:311-21, Jun 73

A method for the simultaneous isolation of factor X and prothrombin from bovine plasma. Esnouf MP, et al. **Biochem J** 131:781-9, Apr 73

Determination of the operational molarity of solutions of bovine alpha-chymotrypsin, trypsin, thrombin and factor Xa by spectrofluorimetric titration. Jameson GW, et al. **Biochem J** 131:107-17, Jan 73

Bovine factors X 1 and X 2 (Stuart factor). Isolation and characterization. Fujikawa K, et al. **Biochemistry** 11:4882-91, 19 Dec 72

Bovine factor X 1 (Stuart factor). Mechanism of activation by protein from Russell's viper venom. Fujikawa K, et al. **Biochemistry** 11:4892-9, 19 Dec 72

Characterization of two glycoprotein variants of bovine factor X and demonstration that the factor X zymogen contains two polypeptide chains. Jackson CM. **Biochemistry** 11:4873-82, 19 Dec 72

Bovine factor X 1a (activated Stuart factor). Evidence of homology with mammalian serine proteases. Titani K, et al. **Biochemistry** 11:4899-903, 19 Dec 72

Purification and characterization of human Factor II. Kisiel W, et al. **Biochim Biophys Acta** 304:103-13, 30 Mar 73

Influence of nutritional factors on plasma concentration of factor II and factors VII-X and on the rate of synthesis of serum albumin in newborn rabbits. Masera G, et al. **Biol Neonate** 20:436-47, 1972

A review of the obstetrical aspects of haemostasis. Bonnar J. **Br J Haematol** 25:274-5, Aug 73

Evidence for a humoral agent capable of raising vitamin-K-dependent coagulation factors in rabbits. Karpatkin M, et al. **Br J Haematol** 24:553-62, May 73

Effect of alpha- and beta-blocking drugs on the clotting

and fibrinolytic response to venous status in man. Ponari O, et al. **Br J Haematol** 24:463-70, Apr 73
Platelet coagulant activities in thrombasthenia. Walsh PN. **Br J Haematol** 23:553-69, Nov 72
Coagulation changes during termination of pregnancy by prostaglandins and by vacuum aspiration. Badraoui MH, et al. **Br Med J** 1:19-21, 6 Jan 73
Effects of progestogen oral contraception with norethisterone on blood clotting and platelets. Poller L, et al. **Br Med J** 4:391-3, 18 Nov 72
The hemorrhagic phenomena associated with green pit viper (Trimeresurus erythrurus and Trimeresurus popeorum) bites in children. A report of studies to elucidate their pathogenesis. Mitrakul C, et al. **Clin Pediatr (Phila)** 12:215-8, Apr 73
Enhancement of warfarin-induced hypoprothrombinemia by triclofos. Sellers EM, et al. **Clin Pharmacol Ther** 13:911-5, Nov-Dec 72
Isolation of prekallikrein activator from guinea pig serum or plasma adsorbed to immune precipitates or celite: possible relationship to Hageman factor. Treloar MP, et al. **Eur J Immunol** 2:338-45, Aug 72
The purification and properties of activated factor X. Bovine factor X activated with Russell's viper venom. Radcliffe RD, et al. **J Biol Chem** 247:7735-42, 10 Dec 72
Crossover electrophoresis (electrosyneresis) visualization of the abnormal factor X (factor X Friuli). Girolami A, et al. **J Lab Clin Med** 80:740-7, Nov 72
The determination of factor X in tissue homogenates. Evidence for the inactivation of Russell's viper venom by tissue homogenates in the presence of plasma. Woolf IL, et al. **J Lab Clin Med** 81:77-84, Jan 73
Blood-clotting mechanisms of nonhuman primates. Choice of the baboon model to simulate man. Todd ME, et al. **J Med Primatol** 1:132-41, 1972
Platelet response and coagulation changes following massive blood replacement. Lim RC Jr, et al. **J Trauma** 13:577-82, Jul 73
A form of bovine factor X with a single polypeptide chain. Mattock P, et al. **Nature [New Biol]** 242:90-2, 21 Mar 73
Coagulation defects caused by diphenylhydantoin. Solomon GE, et al. **Neurology (Minneap)** 22:1165-71, Nov 72
Evolution of blood clotting factor leves in premature infants during the first 10 days of life: a study of 96 cases with comparison between clinical status and blood clotting factor levels. Jensen AH, et al. **Pediatr Res** 7:638-44, Jul 73
Discrepancy between thrombotest and normotest--an indicator of disseminated intravascular coagulation (DIC)? Slaastad RA, et al. **Scand J Haematol** 9:411-6, 1972
Discrepancy between normotest and thrombotest during thromboplastin induced intravascular coagulation in rabbits. Slaastad RA, et al. **Scand J Haematol** 9:403-10, 1972
The blood coagulation and fibrinolytic enzyme systems in healthy adult Africans and Europeans--a comparative study. Barr RD, et al. **Scott Med J** 18:93-7, May 73
Stroke and blood coagulation. Todd M, et al. **Stroke** 4:400-5, May-Jun 73
Blood coagulation and fibrinolysis in a random sample of 788 men 54 years old. II. Relations of the variables to "risk factors" for myocardial infarction. Korsan-Bengtsen K, et al. **Thromb Diath Haemorrh** 28:99-108, 31 Aug 72
Blood coagulation and fibrinolysis in a random sample of 788 men 54 years old. I. Correlations between the variables of clotting and fibrinolysis. Korsan-Bengtsen K, et al. **Thromb Diath Haemorrh** 28:89-98, 31 Aug 72
Gel filtration properties of factors II, VII, IX, IX a , and X. Osterud B, et al. **Thromb Diath Haemorrh** 28:317-24, 31 Oct 72
Clinically mild thrombasthenia with normal platelet coagulant activities. Walsh PN, et al. **Thromb Diath Haemorrh** 28:440-6, 31 Dec 72
[Hemorrhagic syndrome due to isolated Stuart factor deficiency during Kahler's disease with amylosis] Pieron R, et al. **Ann Med Interne (Paris)** 123:765-70, Aug-Sep 72 **(Fre)**
[Nephrotic syndrome and acquired deficiency of Stuart factor revealing the presence of amylosis and myeloma] Cordonnier D, et al. **J Urol Nephrol (Paris)** 78:760-4, Sep 72 **(Fre)**
[Synovial inflammation and coagulation factors. II. Biological study of synovial fluid in serogically positive rheumatoid arthritis] Soria C, et al. **Pathol Biol (Paris)** 20:695-701, Sep 72 **(Fre)**
[Influence of single and repeated hemodialises on the blood coagulation status] Albert FW, et al. **Munch Med Wochenschr** 114:1917-21, 3 Nov 72 **(Eng. Abstr.)** **(Ger)**
[Acquired isolated factor X deficiency in generalized amyloidosis] Wick A, et al. **Schweiz Med Wochenschr** 102:1799-803, 9 Dec 72 **(Ger)**

ANTAGONISTS & INHIBITORS

Bovine factor X 1 (Stuart factor). Mechanism of activation by protein from Russell's viper venom. Fujikawa K, et al. **Biochemistry** 11:4892-9, 19 Dec 72
Factor-Xa inactivation by antithrombin. 3. Evidence for biological stabilization of factor Xa by factor V-phospholipid complex. Marciniak E. **Br J Haematol** 24:391-400, Mar 73
The purification and properties of activated factor X. Bovine factor X activated with Russell's viper venom. Radcliffe RD, et al. **J Biol Chem** 247:7735-42, 10 Dec 72
Inhibition of activated factor X-induced platelet aggregation: the role of heparin and the plasma inhibitor to activated factor X. Yin ET, et al. **J Lab Clin Med** 82:390-8, Sep 73
Pharmacology of anticoagulants. Quick AJ. **NY State J Med** 73:1647-51, 15 Jun 73
Circulating anticoagulants in the newborn: relation to hypercoagulability and the idiopathic respiratory distress syndrome. Mahasandanan C, et al. **Pediatr Res** 7:670-3, Jul 73

ISOLATION & PURIFICATION

Molecular characteristics of bovine factor X activated in concentrated sodium citrate solution. Radcliffe RD, et al. **Arch Biochem Biophys** 155:381-90, Apr 73
The purification and properties of factor X from pig serum and its role in hypercoagulability in vivo. Dupe RJ, et al. **Biochem J** 133:311-21, Jun 73
A method for the simultaneous isolation of factor X and prothrombin from bovine plasma. Esnouf MP, et al. **Biochem J** 131:781-9, Apr 73
The preparation of activated factor X and its action on prothrombin. Jesty J, et al. **Biochem J** 131:791-9, Apr 73
Bovine factors X 1 and X 2 (Stuart factor). Isolation and characterization. Fujikawa K, et al. **Biochemistry** 11:4882-91, 19 Dec 72
The purification and properties of activated factor X. Bovine factor X activated with Russell's viper venom. Radcliffe RD, et al. **J Biol Chem** 247:7735-42, 10 Dec 72
Titration of activated bovine Factor X. Smith RL. **J Biol Chem** 248:2418-23, 10 Apr 73
A form of bovine factor X with a single polypeptide chain. Mattock P, et al. **Nature [New Biol]** 242:90-2, 21 Mar 73
Plasma free of factors II, VII, IX, and X. Need for high speed centrifugation after Al(OH) 3 absorption. Loeliger EA, et al. **Thromb Diath Haemorrh** 29:211-2, 28 Feb 73
The adsorption of blood coagulation factors II, VII, IX and X from human plasma to aluminium hydroxide. Swart AC, et al. **Thromb Diath Haemorrh** 27:490-501, 31 Jul 72
A therapeutic concentrate of coagulation factors II, IX and X from citrated, factor VIII-depleted plasma. Middleton SM, et al. **Vox Sang** 24:441-56, May 73

METABOLISM

Blood coagulation, fibrinolysis and platelet function in women aged 38, 46, 50, 54 and 60. The study of women in Gothenburg 1968-1969. Korsan-Bengtsen K, et al. **Acta Med Scand** 193:543-6, Jun 73
Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA. **Ann Clin Lab Sci** 1:139-54, Sep-Oct 71 (46 ref.)
Molecular characteristics of bovine factor X activated in concentrated sodium citrate solution. Radcliffe RD, et al. **Arch Biochem Biophys** 155:381-90, Apr 73
The purification and properties of factor X from pig serum and its role in hypercoagulability in vivo. Dupe RJ, et al. **Biochem J** 133:311-21, Jun 73
A method for the simultaneous isolation of factor X and prothrombin from bovine plasma. Esnouf MP, et al. **Biochem J** 131:781-9, Apr 73
The preparation of activated factor X and its action on

prothrombin. Jesty J, et al.
Biochem J 131:791-9, Apr 73

Small doses of subcutaneous sodium heparin in preventing deep venous thrombosis after major surgery. Nicolaides AN, et al. **Lancet** 2:890-3, 28 Oct 72

Diagnosis of hemorrhagic disorders. Nemerson Y. **Med Clin North Am** 57:531-41, Mar 73 (30 ref.)

Coagulation abnormalities in liver disease. Losowsky MS, et al. **Postgrad Med** 53:147-52, Jan 73

A polypeptide region of bovine prothrombin specific for binding to phospholipids. Gitel SN, et al. **Proc Natl Acad Sci USA** 70:1344-8, May 73

The relevance of blood clotting tests in chronic aggressive hepatitis. Coccheri S, et al. **Scand J Gastroenterol [Suppl]** 19:97-101, 1973

Heparin therapy in the case of acute liver cirrhosis. Fischer M, et al. **Scand J Gastroenterol [Suppl]** 19:135-8, 1973

Study on the correlation between Normotest, Quick's method, and specific coagulation factors in liver disease. Hadchouel P, et al. **Scand J Gastroenterol [Suppl]** 19:151-4, 1973

[Vitamin A overdosage. II. Cytological and biochemical changes in blood from high doses of vitamin A with and without alpha-tocopherol treatment] Soliman MK. **Int J Vitam Nutr Res** 42:576-82, 1972 (Eng. Abstr.) (Ger)

PHARMACODYNAMICS

Titration of activated bovine Factor X. Smith RL. **J Biol Chem** 248:2418-23, 10 Apr 73

The activation of coagulation by extracts of mucus: a possible pathway of intravascular coagulation accompanying adenocarcinomas. Pineo GF, et al. **J Lab Clin Med** 82:255-66, Aug 73

Inhibition of activated factor X-induced platelet aggregation: the role of heparin and the plasma inhibitor to activated factor X. Yin ET, et al. **J Lab Clin Med** 82:390-8, Sep 73

Characterization of the coagulant activity of some snake venoms. Denson KW, et al. **Toxicon** 10:557-62, Oct 72

PHYSIOLOGY

[Influence of pregnancy on the activation factors of blood coagulation and on thrombocytes] Tismer R, et al. **Z Geburtshilfe Perinatol** 176:183-92, Jun 72 (Eng. Abstr.) (Ger)

[Disseminated intravascular coagulation] Amir J. **Harefuah** 83:29-32, 2 Jul 72 (20 ref.) (Heb)

[Biological role of atmospheric oxygen in the mechanism of blood coagulation] Palos LA. **Kosm Biol Med** 6:8-13, Sep-Oct 72 (Rus)

THERAPEUTIC USE

Intracranial haemorrhage in low-birth-weight infants and prophylactic administration of coagulation-factor concentrate. Waitl H, et al. **Lancet** 1:1284-6, 9 Jun 73

Congenital factor VII deficiency with cerebral haemorrhage treated with prothrombin concentrate. Marriage K, et al. **Med J Aust** 2:942-5, 21 Oct 72

Prevention of intraventricular haemorrhage in babies receiving artificial ventilation. Thomas DB, et al. **Med J Aust** 1:933-6, 12 May 73

Pseudotumor in a patient with factor IX deficiency. Andes WA, et al. **South Med J** 66:905-8, Aug 73

A therapeutic concentrate of coagulation factors II, IX and X from citrated, factor VIII-depleted plasma. Middleton SM, et al. **Vox Sang** 24:441-56, May 73

[Rules and regulations in the therapy of hemophilia] Landbeck G, et al. **Fortschr Med** 90:542-6, 11 May 72 (Ger)

[Is the administration of prothrombin concentrate in heart infarct always absolutely contraindicated?] Schricker KT, et al. **Med Klin** 67:841-5, 16 Jun 72 (Eng. Abstr.) (Ger)

FACTOR XI

Recurrent thrombosis in a young woman with a circulating anticoagulant directed against factors XI and XII. Aberg H, et al. **Acta Med Scand** 192:419-25, Nov 72

Procoagulant properties of amniotic fluid. Phillips LL, et al. **Am J Obstet Gynecol** 113:911-9, 1 Aug 72

Circulating anticoagulants against factors IX and XI in systemic lupus erythematosus. Castro O, et al. **Ann Intern Med** 77:543-8, Oct 72

Plasma protein requirements for human platelet aggregation. Bang NU, et al. **Ann NY Acad Sci** 201:280-99, 27 Oct 72

Immunologic identification of tissue factor (thromboplastin) synthesized by cultured fibroblasts. Zacharski LR, et al. **Blood** 41:671-8, May 73

The fibrinolytic pathway of human plasma. II. The generation of chemotactic activity by activation of plasminogen proactivator. Kaplan AP, et al. **J Clin Invest** 52:2591-5, Oct 73

Hemostatic problems in liver surgery. Rö JS. **Scand J Gastroenterol [Suppl]** 19:71-81, 1973 (67 ref.)

Influence of factor VII on the assay of factor VIII by the one stage method using wettable surface. Altman R, et al. **Thromb Diath Haemorrh** 28:457-63, 31 Dec 72

Cold promoted activation of factor VII. IV. Relation to the coagulation system. Gjonnaess H. **Thromb Diath Haemorrh** 28:194-205, 31 Oct 72

[Physiological inhibitors of thrombin and thrombin synthesis] Schröer H. **Folia Haematol (Leipz)** 99:212-22, 1973 (34 ref.) (Eng. Abstr.) (Ger)

[Coagulation changes following injection of a purified contact activation product] Barth P, et al. **Verh Dtsch Ges Inn Med** 77:1029-32, 1971 (Ger)

[On the coagulation factors from V through XIII] Yoshida K, et al. **Jap J Clin Med** 31:755-64, Apr 73 (66 ref.) (Jap)

[Case of factor XII deficiency with prolonged bleeding time] Sroczyński J, et al. **Acta Haematol Pol** 2:239-42, Jul-Sep 71 (Eng. Abstr.) (Pol)

ANALYSIS

Coagulation changes in saline-induced abortion. Laros RK Jr, et al. **Am J Obstet Gynecol** 116:271-6, 15 May 73

Changes in factor XI (plasma thromboplastin antecedent) levels during pregnancy. Phillips LL, et al. **Am J Obstet Gynecol** 116:1114-6, 15 Aug 73

Specific coagulation factor adsorption to insoluble heparin. Gentry PW, et al. **Biochem Biophys Res Commun** 50:500-9, 23 Jan 73

Platelets and initiation of intrinsic clotting. Schiffman S, et al. **Br J Haematol** 24:633-42, May 73

Blood-clotting mechanisms of nonhuman primates. Choice of the baboon model to simulate man. Todd ME, et al. **J Med Primatol** 1:132-41, 1972

[Hemophilia as a medical and social problem] Nosotti NM. **Minerva Med** 63:4677-9, 1 Dec 72 (Ita)

ANTAGONISTS & INHIBITORS

Partial purification of plasma thromboplastin antecedent (factor XI) and its activation by trypsin. Saito H, et al. **J Clin Invest** 52:850-61, Apr 73

Partial purification and some properties of a plasma inhibitor of activated plasma thromboplastin antecedent (factor XI). Amir J, et al. **J Lab Clin Med** 80:786-802, Dec 72

The inhibitory properties of plasma against activated plasma thromboplastin antecedent (factor XIa) in hereditary angioneurotic edema. Ratnoff OD, et al. **J Lab Clin Med** 80:803-9, Dec 72

[Salicylic acid derivatives used as anticoagulants] Bruhn HD. **Verh Dtsch Ges Inn Med** 77:1035-7, 1971 (Ger)

BIOSYNTHESIS

[Hemostasis disorders in liver cirrhosis] Judkiewicz L, et al. **Pol Tyg Lek** 28:708-11, 1 May 73 (34 ref.) (Pol)

ISOLATION & PURIFICATION

Isolation of prekallikrein activator from guinea pig serum or plasma adsorbed to immune precipitates or celite: possible relationship to Hageman factor. Treloar MP, et al. **Eur J Immunol** 2:338-45, Aug 72

Partial purification of plasma thromboplastin antecedent (factor XI) and its activation by trypsin. Saito H, et al. **J Clin Invest** 52:850-61, Apr 73

METABOLISM

Theories of blood coagulation. Properties and

interactions of blood clotting factors. Kazal LA. **Ann Clin Lab Sci** 1:139-54, Sep-Oct 71 (46 ref.)
Studies on the product of the reaction between activated Hageman factor (factor XII) and plasma thromboplastin antecedent (factor XI). Ratnoff OD. **J Lab Clin Med** 80:704-10, Nov 72

PHYSIOLOGY

[Influence of pregnancy on the activation factors of blood coagulation and on thrombocytes] Tismer R, et al.
Z Geburtshilfe Perinatol 176:183-92, Jun 72 (Eng. Abstr.) (Ger)

THERAPEUTIC USE

Tooth extractions in hemophiliacs after administration of a single dose of factor VIII or factor IX concentrate supplemented with AMCA. Björlin G, et al. **Oral Surg** 36:482-9, Oct 73

FACTOR XI DEFICIENCY

Changes in factor XI (plasma thromboplastin antecedent) levels during pregnancy. Phillips LL, et al. **Am J Obstet Gynecol** 116:1114-6, 15 Aug 73
Plasma thromboplastin antecedent deficiency. Williams JL. **Br J Oral Surg** 10:126-32, Nov 72

BLOOD

The procoagulant activity of granulocytes. Saba HI, et al. **Proc Soc Exp Biol Med** 142:614-20, Feb 73
[On the coagulation factors from V through XIII] Yoshida K, et al.
Jap J Clin Med 31:755-64, Apr 73 (66 ref.) (Jap)

COMPLICATIONS

[Case of hemorrhagic diathesis due to disorders during 1st stage of blood clotting] Tymiński W, et al.
Acta Haematol Pol 3:265-9, Jul-Sep 72 (Eng. Abstr.) (Pol)

DIAGNOSIS

Plasma thromboplastin antecedent deficiency. Williams JL. **Br J Oral Surg** 10:126-32, Nov 72
Diagnosis and treatment of inherited bleeding disorders. Strauss HS.
Pediatr Clin North Am 19:1009-28, Nov 72 (79 ref.)
[Case of hemorrhagic diathesis due to disorders during 1st stage of blood clotting] Tymiński W, et al.
Acta Haematol Pol 3:265-9, Jul-Sep 72 (Eng. Abstr.) (Pol)

PHYSIOPATHOLOGY

Platelets and initiation of intrinsic clotting. Schiffman S, et al. **Br J Haematol** 24:633-42, May 73

THERAPY

Plasma thromboplastin antecedent deficiency. Williams JL. **Br J Oral Surg** 10:126-32, Nov 72

FACTOR XII

Recurrent thrombosis in a young woman with a circulating anticoagulant directed against factors XI and XII. Aberg H, et al.
Acta Med Scand 192:419-25, Nov 72
Reactions of blood with nonbiologic surfaces. Ultrastructural and clotting studies with normal and coagulation factor deficient bloods. Mason RG, et al.
Am J Pathol 69:271-88, Nov 72
Immunologic identification of tissue factor (thromboplastin) synthesized by cultured fibroblasts. Zacharski LR, et al. **Blood** 41:671-8, May 73
Relationships between the haemostatic, complement and kinin-forming systems. Ogston D.
Br J Haematol 25:273, Aug 73
Activation of arginine and tyrosine esterase in serum from patients with hereditary angio-oedema. Eisen V, et al. **Br J Pharmacol** 46:157-66, Sep 72
Chemotaxis of human basophil leucocytes. Kay AB, et al. **Clin Exp Immunol** 11:557-63, Aug 72
Study of the rat glomerular basement membrane and chemical modifications in relation to its reactivity to platelets and binding of nephrotic antibody. Anderson M, et al. **Clin Sci** 44:5P passim, Feb 73
Conversion of bovine prekallikrein to kallikrein. Evidence of limited proteolysis of prekallikrein by bovine Hageman factor (factor XII). Takahashi H, et al. **FEBS Lett** 24:98-100, 15 Jul 72
Isolation of high molecular weight activators of human plasma prekallikrein. Bagdasarian A, et al.
J Biol Chem 248:3456-63, 25 May 73
The fibrinolytic pathway of human plasma. II. The generation of chemotactic activity by activation of plasminogen proactivator. Kaplan AP, et al.
J Clin Invest 52:2591-5, Oct 73
The fibrinolytic pathway of human plasma. Isolation and characterization of the plasminogen proactivator. Kaplan AP, et al. **J Exp Med** 136:1378-93, 1 Dec 72
The kinetics of the release of bradykinin by kallikrein in normal human plasma. Girey GJ, et al.
J Lab Clin Med 80:496-505, Oct 72
Complement as a mediator of inflammation in acute gouty arthritis. I. Studies on the reaction between human serum complement and sodium urate crystals. Naff GB, et al. **J Lab Clin Med** 81:747-60, May 73
The procoagulant activity of granulocytes. Saba HI, et al. **Proc Soc Exp Biol Med** 142:614-20, Feb 73
The interaction of blood hemostitic elements with aritificial surfaces. Mason RG.
Prog Hemostasis Thromb 1:141-64, 1972 (166 ref.)
Hemostatic problems in liver surgery. Rö JS.
Scand J Gastroenterol [Suppl] 19:71-81, 1973 (67 ref.)
Is primary fibrinolysis a real entity? Gans H.
Surg Gynecol Obstet 136:975-6, Jun 73
Influence of factor VII on the assay of factor VIII by the one stage method using wettable surface. Altman R, et al. **Thromb Diath Haemorrh** 28:457-63, 31 Dec 72
Cold promoted activation of Factor VII. V. Relation to the fibrinolytic system. Gjonnaess H.
Thromb Diath Haemorrh 29:143-53, 28 Feb 73
[Factor XII deficiency in two brothers] Müller G, et al.
Dtsch Med Wochenschr 98:267-9, 9 Feb 73 (Eng. Abstr.) (Ger)
[Blood coagulation disorders caused by abnormal blood coagulation factors] Fiedler H.
Z Aerzti Fortbild (Jena) 66:692-8, 1 Jul 72 (Ger)
[On the coagulation factors from V through XIII] Yoshida K, et al.
Jap J Clin Med 31:755-64, Apr 73 (66 ref.) (Jap)
[Case of factor XII deficiency with prolonged bleeding time] Sroczyński J, et al.
Acta Haematol Pol 2:239-42, Jul-Sep 71 (Eng. Abstr.) (Pol)
[Hemorrhagic diathesis associated with partial factor XII deficiency] Zywicka-Lopaciuk H, et al.
Acta Haematol Pol 3:257-63, Jul-Sep 72 (Eng. Abstr.) (Pol)
[Hageman enzyme as a trigger of blood kininogenesis systems] Buluk K, et al.
Pol Arch Med Wewn 50:475-80, May 73 (44 ref.) (Pol)
[Role of plasma kinins in the function of some organs and their participation in the pathogenesis of various pathological states] Kolber-Postępska B.
Pol Tyg Lek 28:621-4, 23 May 73 (19 ref.) (Pol)
[Correlation between coagulation, proteolysis and immunological phenomena] Bogdanikowa B, et al.
Postepy Hig Med Dosw 27:469-81, Jul-Aug 73 (Eng. Abstr.) (Pol)
[Blood hypercoagulability (attempted classification of pre-thrombotic states)] Tymiński W.
Wiad Lek 26:423-6, 1 Mar 73 (11 ref.) (Pol)

ANALYSIS

Coagulation changes in saline-induced abortion. Laros RK Jr, et al. **Am J Obstet Gynecol** 116:271-6, 15 May 73
Immune hemolytic transfusion reactions in monkeys: activation of the kallikrein system. Lopas H, et al.
Am J Physiol 225:372-9, Aug 73
Kallikrein-bradykinin system in chronic alcoholic liver disease. Wong P, et al.
Ann Intern Med 77:205-9, Aug 72
The use of isoelectric focusing to study components of the human plasma kinin-forming system. Spragg J, et al. **Ann NY Acad Sci** 209:372-86, 15 Jun 73
Platelets and initiation of intrinsic clotting. Schiffman S, et al. **Br J Haematol** 24:633-42, May 73
Platelet coagulant activities in thrombasthenia. Walsh PN. **Br J Haematol** 23:553-69, Nov 72
Studies of contact activation of blood in haemodialysis. Wardle EN, et al. **J Clin Pathol** 25:1045-9, Dec 72
Blood-clotting mechanisms of nonhuman primates.

Choice of the baboon model to simulate man. Todd ME, et al. **J Med Primatol** 1:132-41, 1972

Activation of Hageman factor by cardiac arrest. Latour JG, et al. **Thromb Diath Haemorrh** 27:543-53, 31 Jul 72

[Synovial inflammation and coagulation factors. II. Biological study of synovial fluid in serogically positive rheumatoid arthritis] Soria C, et al. **Pathol Biol (Paris)** 20:695-701, Sep 72 **(Fre)**

[Study of coagulation factors in normal and pathological synovial fluids. Demonstration of a special coagulation factor in certain synovial fluids in rheumatoid arthritis] Guérin B, et al. **Rev Rhum Mal Osteoartic** 39:581-7, Oct 72 (Eng. Abstr.) **(Fre)**

[Animal experiment studies on the release mechanism of consumption coagulopathy due to immunologic reactions] Mueller-Eckhardt C, et al. **Verh Dtsch Ges Inn Med** 77:1157-9, 1971 **(Ger)**

[Hageman factor (Factor XII) in retinal vein obstruction] Kimura S, et al. **Acta Soc Ophthalmol Jap** 77:587-93, Jun 73 (Eng. Abstr.) **(Jap)**

ANTAGONISTS & INHIBITORS

Bovine prekallikrein activator with functional activity as Hageman factor. Komiya M, et al. **J Biochem (Tokyo)** 72:1205-18, Nov 72

Plasma inhibitors of the components of the fibrinolytic pathway in man. Schreiber AD, et al. **J Clin Invest** 52:1394-401, Jun 73

Inhibition by C1INH of Hagemann factor fragment activation of coagulation, fibrinolysis, and kinin generation. Schreiber AD, et al. **J Clin Invest** 52:1402-9, Jun 73

Prevention of the liquoid-induced consumption coagulopathy by the protease inhibitor aprotinin. Müller-Berghaus G, et al. **Thromb Diath Haemorrh** 27:396-406, 31 Jul 72

[Salicylic acid derivatives used as anticoagulants] Bruhn HD. **Verh Dtsch Ges Inn Med** 77:1035-7, 1971 **(Ger)**

[The effect of lysozyme, ribonuclease and cytochrome C on the activation of one of the blood coagulation factors--the Hageman factor--by adrenaline] Zubairov DM, et al. **Ukr Biokhim Zh** 45:86-90, 1973 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

The use of isoelectric focusing to study components of the human plasma kinin-forming system. Spragg J, et al. **Ann NY Acad Sci** 209:372-86, 15 Jun 73

Conversion of Hageman factor (factor XII) of the guinea pig to prekallikrein activator and inhibition of the formed kallikrein by a natural plasma inhibitor. Takeuchi Y, et al. **Eur J Immunol** 2:345-9, Aug 72

Isolation of prekallikrein activator from guinea pig serum or plasma adsorbed to immune precipitates or celite: possible relationship to Hageman factor. Treloar MP, et al. **Eur J Immunol** 2:338-45, Aug 72

Bovine prekallikrein activator with functional activity as Hageman factor. Komiya M, et al. **J Biochem (Tokyo)** 72:1205-18, Nov 72

The fibrinolytic pathway of human plasma. Isolation and characterization of the plasminogen proactivator. Kaplan AP, et al. **J Exp Med** 136:1378-93, 1 Dec 72

METABOLISM

Plasma kallikrein-kinin system in nonmammalian blood: evolutionary aspects. Seki T, et al. **Am J Physiol** 224:1425-30, Jun 73

Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA. **Ann Clin Lab Sci** 1:139-54, Sep-Oct 71 (46 ref.)

Conversion of Hageman factor (factor XII) of the guinea pig to prekallikrein activator and inhibition of the formed kallikrein by a natural plasma inhibitor. Takeuchi Y, et al. **Eur J Immunol** 2:345-9, Aug 72

Studies on the product of the reaction between activated Hageman factor (factor XII) and plasma thromboplastin antecedent (factor XI). Ratnoff OD. **J Lab Clin Med** 80:704-10, Nov 72

Diagnosis of hemorrhagic disorders. Nemerson Y. **Med Clin North Am** 57:531-41, Mar 73 (30 ref.)

Study on the correlation between Normotest, Quick's method, and specific coagulation factors in liver disease. Hadchouel P, et al. **Scand J Gastroenterol [Suppl]** 19:151-4, 1973

[Blood coagulation and fibrinolysis in arteriosclerotic occlusions of the arteries of the extremities] Jipp P, et al. **Klin Wochenschr** 50:689-95, 15 Jul 72 (Eng. Abstr.) **(Ger)**

[Disseminated intravascular coagulation] Maekawa T. **Jap J Clin Pathol** 21:24-30, Jan 73 (7 ref.) **(Jap)**

PHARMACODYNAMICS

Bovine prekallikrein activator with functional activity as Hageman factor. Komiya M, et al. **J Biochem (Tokyo)** 72:1205-18, Nov 72

Inhibition by C1INH of Hagemann factor fragment activation of coagulation, fibrinolysis, and kinin generation. Schreiber AD, et al. **J Clin Invest** 52:1402-9, Jun 73

PHYSIOLOGY

Accerlerated coagulation of whole blood and cell-free plasma by bubbling in vitro. Hallenbeck JM, et al. **Aerosp Med** 44:712-4, Jul 73

Hageman factor. Finley PR. **Ann Clin Lab Sci** 2:37-9, Jan-Feb 72

[Developmental trends and results of the kallikrein-kinin research] Werle E. **Munch Med Wochenschr** 115:225-30, 16 Feb 73 (Eng. Abstr.) **(Ger)**

[Influence of pregnancy on the activation factors of blood coagulation and on thrombocytes] Tismer R, et al. **Z Geburtshilfe Perinatol** 176:183-92, Jun 72 (Eng. Abstr.) **(Ger)**

[Disseminated intravascular coagulation] Amir J. **Harefuah** 83:29-32, 2 Jul 72 (20 ref.) **(Heb)**

[Role of enzymes in inflammation] Fujii S, et al. **Jap J Clin Pathol** 21:1-10, Jan 73 (73 ref.) **(Jap)**

[Hageman enzyme as a trigger of blood kininogenesis systems] Buluk K, et al. **Pol Arch Med Wewn** 50:475-80, May 73 (44 ref.) **(Pol)**

FACTOR XIII

The fibrin-stabilizing factor. A decade of progress. Mandel EE. **Ann Clin Lab Sci** 1:92-9, Jul-Aug 71 (71 ref.)

Molecular structure of plasma transglutaminase precursor. Bannerjee D, et al. **Ann NY Acad Sci** 202:172-85, 8 Dec 72

Degradation of stabilized and nonstabilized fibrin clots by plasmin: an immunological study. Gormsen J, et al. **Ann NY Acad Sci** 202:329-34, 8 Dec 72

Transfusion therapy in congenital deficiencies of plasma factor XIII. Ikkala E. **Ann NY Acad Sci** 202:200-3, 8 Dec 72

Our ancient heritage in blood clotting and some of its consequences. Laki K. **Ann NY Acad Sci** 202:297-307, 8 Dec 72

Hemorrhagic disease associated with inhibitors of fibrin cross-linkage. Lewis JH. **Ann NY Acad Sci** 202:213-9, 8 Dec 72

Some thoughts on the state in nature, biosynthetic origin, and function of factor XIII. Loewy AG. **Ann NY Acad Sci** 202:41-58, 8 Dec 72

Fibrinoligase: the fibrin-stabilizing factor system of blood plasma. Lorand L. **Ann NY Acad Sci** 202:6-30, 8 Dec 72 (75 ref.)

Titration of the acceptor cross-linking sites in fibrin. Lorand L, et al. **Ann NY Acad Sci** 202:155-71, 8 Dec 72

Cross-linking of fibrin by fibrin=stabilizing factor. McKee PA, et al. **Ann NY Acad Sci** 202:127-48, 8 Dec 72 (37 ref.)

Fibrin-stabilizing factor inhibitors. Nilsson IL, et al. **Ann NY Acad Sci** 202:286-96, 8 Dec 72

Epsilon-(gamma-glutamyl) lysine cross-links: determination in fibrin from normal and factor XIII-deficient individuals. Pisano JJ, et al. **Ann NY Acad Sci** 202:98-113, 8 Dec 72

Tissue transamidases, fibrin stabilization and clot lysis. Tyler HM. **Ann NY Acad Sci** 202:273-85, 8 Dec 72 (39 ref.)

Self-induced crosslinking of factor XIII. Takagi T, et al. **Biochem Biophys Res Commun** 51:186-91, 5 Mar 73

Subunit structure of the plasmin-induced degradation products of crosslinked fibrin. Gaffney PJ, et al. **Biochim Biophys Acta** 295:308-13, 25 Jan 73

The fibrin stabilizing factor, factor XIII. Duckert F. **Blut** 26:177-9, Mar 73 (11 ref.)

Subunit structure of fragment D from fibrinogen and

cross-linked fibrin. Pizzo SV, et al.
J Biol Chem 248:4584-90, 10 Jul 73

Human Factor XIII from plasma and platelets. Molecular weights, subunit structures, proteolytic activation, and cross-linking of fibrinogen and fibrin. Schwartz ML, et al. **J Biol Chem** 248:1395-407, 25 Feb 73

Mechanism of ancrod anticoagulation. A direct proteolytic effect on fibrin. Pizzo SV, et al.
J Clin Invest 51:2841-50, Nov 72

Clinical physiology of the fibrinolytic enzyme system. Douglas AS, et al. **J Clin Pathol** 25:615-8, Jul 72

Thiolester substrates for transamidating enzymes: studies on fibrinoligase. Lorand L, et al.
Proc Natl Acad Sci USA 69:2645-8, Sep 72

Hemostatic problems in liver surgery. Rö JS.
Scand J Gastroenterol [Suppl] 19:71-81, 1973 (67 ref.)

Studies on the activation of human factor XIII. Sheltawy MJ, et al.
Thromb Diath Haemorrh 28:473-82, 31 Dec 72

[Diagnostics and therapy of hemolytic-hemorrhagic transfusion incidents] Brüster H.
Zentralbl Neurochir 33:63-8, 1972 (Eng. Abstr.) (Ger)

[On the coagulation factors from V through XIII] Yoshida K, et al.
Jap J Clin Med 31:755-64, Apr 73 (66 ref.) (Jap)

[Wound healing disorders caused by coexistence of plasma transaminase and thiol group deficiency] Zuch A, et al.
Pol Arch Med Wewn 50:399-403, Apr 73 (Eng. Abstr.) (Pol)

[Role of the vascular wall in the process of hemostasis] Kuznik BI.
Usp Sovrem Biol 75:61-85, Jan-Feb 73 (258 ref.) (Rus)

ANALYSIS

Changes in factor XI (plasma thromboplastin antecedent) levels during pregnancy. Phillips LL, et al. **Am J Obstet Gynecol** 116:1114-6, 15 Aug 73

A filter paper assay for transamidating enzymes using radioactive amine substrates. Lorand L, et al.
Anal Biochem 50:623-31, Dec 72

Comparative studies on the fibrin-stabilizing factors from human plasma, platelets and placentas. Bohn H.
Ann NY Acad Sci 202:256-72, 8 Dec 72

Human fibrinogen free of factor XIII: the pursuit of biological zero. Finlayson JS.
Ann NY Acad Sci 202:149-54, 8 Dec 72

Hereditary aspects of fibrin cross-linking. Hampton JW, et al. **Ann NY Acad Sci** 202:204-12, 8 Dec 72

Transfusion therapy in congenital deficiencies of plasma factor XIII. Ikkala E.
Ann NY Acad Sci 202:200-3, 8 Dec 72

Demonstration of factor XIII in human megakaryocytes by a fluorescent antibody technique. Kiesselbach TH, et al. **Ann NY Acad Sci** 202:318-28, 8 Dec 72

The effect of oral contraceptives on fibrin-clot stabilization. Shanberge JN, et al.
Ann NY Acad Sci 202:220-9, 8 Dec 72

An acquired inhibitor to factor XIII. McDevitt NB, et al.
Arch Intern Med 130:772-7, Nov 72

Titration and subunit localization of active center cysteine in fibrinoligase (thrombin-activated fibrin stabilizing fector). Curtis CG, et al.
Biochem Biophys Res Commun 52:51-6, 1 May 73

A solid-phase radioassay for factor-XIII activity (fibrin stabilizing factor) in human plasma. Schmer G.
Br J Haematol 24:735-42, Jun 73

Human Factor XIII from plasma and platelets. Molecular weights, subunit structures, proteolytic activation, and cross-linking of fibrinogen and fibrin. Schwartz ML, et al. **J Biol Chem** 248:1395-407, 25 Feb 73

Blood-clotting mechanisms of nonhuman primates. Choice of the baboon model to simulate man. Todd ME, et al. **J Med Primatol** 1:132-41, 1972

Evidence for abnormalities in clotting and thrombolysis as a risk factor for stroke. Pilgeram LO, et al. **Stroke** 4:643-57, Jul-Aug 73

[Hemostatic disorders in the treatment of leukoblastosis with L-asparaginase (crasnitin)] Genova V. **Vutr Boles** 12:43-9, 1973 (Eng. Abstr.) (Bul)

[Molecular structure of fibrin stabilizing factors in man. II. Comparative immunologic studies on factor XIII deficient plasma and normal plasma] Bohn H, et al. **Blut** 26:303-11, May 73 (Eng. Abstr.) (Ger)

[Molecular structure of human fibrin stabilizing factors] Bohn H, et al.
Blut 25:235-48, Oct 72 (Eng. Abstr.) (Ger)

[Simplified radiologic factor XIII determination and its clinical use in congenital factor XIII deficiency (I)] Egbring R, et al.
Blut 27:6-19, Jul 73 (Eng. Abstr.) (Ger)

[Efficiency and limits of laboratory diagnosis of diffuse intravascular blood coagulation processes] Heene DL, et al. **Internist (Berlin)** 14:154-9, Apr 73 (Ger)

[Efficiency and limits of immunologic methods in the diagnosis of blood coagulation] Schwick HG, et al.
Internist (Berlin) 14:160-9, Apr 73 (Ger)

[Studies on plasma factor XIII-activity in acute leukaemia] Rasche H, et al.
Klin Wochenschr 50:1017-9, 1 Nov 72 (Eng. Abstr.) (Ger)

[Disturbed fibrin stabilization in chronic liver diseases and dysproteinemia] Braun K, et al.
Med Welt 23:1390-2, 30 Sep 72 (Ger)

[Reliability of simple examination methods for the measurement of fibrin stabilization and factor XIII activity] Popat D, et al.
Med Welt 23:1387-9, 30 Sep 72 (Ger)

[Studies of the radioimmunologic determination of fibrin stabilizing factor (factor XIII of blood coagulation)] Hiemeyer V, et al.
Nucl Med (Stuttg) 9:738-41, 1971 (Ger)

[Ontogenetic variability of fibrin stabilizing factor level (FSF--Factor XIII of blood coagulation system) in the plasma of healthy children] Zuch A, et al.
Pediatr Pol 47:1197-203, Oct 72 (Eng. Abstr.) (Pol)

[Comparison of desmofibrinogenic activity and FSF (factor XIII of blood coagulation) level in plasma of healthy children in various age groups] Zuch A, et al.
Pediatr Pol 47:1205-11, Oct 72 (Eng. Abstr.) (Pol)

[The coagulation and fibrinolytic properties of rabbit erythrocytes] Potekhin KG, et al.
Biol Nauki 3:47-51, 1972 (Rus)

[Fibrin-stabilizing factor XIII, fibrinase, and its importance in the surgical clinic] Turovets IG, et al.
Klin Khir 1:50-4, Nov 72 (Rus)

[A method of determining factor XIII activity] Andreenko GV, et al. **Lab Delo** 11:656-8, 1972 (Rus)

[A quantitative method of determining the concentration of factor VIII in plasma and antihemophilic preparations] Rutberg RA.
Lab Delo 11:658-63, 1972 (Rus)

[A means of accelerated determination of blood clotting factor XIII activity] Umanskii MA, et al.
Lab Delo 11:663-5, 1972 (Rus)

[Blood coagulation tissue factors in human palatine tonsils] Rybina OF.
Vestn Otorinolaringol 35:61-3, Mar-Apr 73 (Eng. Abstr.) (Rus)

ANTAGONISTS & INHIBITORS

Fibrin-stabilizing factor inhibitors. 8. Pyridine derivatives as charge-transfer complex acceptors. Nilsson JL, et al. **Acta Pharm Suec** 10:209-14, Jun 73

Physiological inhibition of factor XIII. Cataldo F de, et al. **Ann NY Acad Sci** 202:341-3, 8 Dec 72

Hemorrhagic disease associated with inhibitors of fibrin cross-linkage. Lewis JH.
Ann NY Acad Sci 202:213-9, 8 Dec 72

Fibrinoligase: the fibrin-stabilizing factor system of blood plasma. Lorand L.
Ann NY Acad Sci 202:6-30, 8 Dec 72 (75 ref.)

An acquired inhibitor to factor XIII. McDevitt NB, et al.
Arch Intern Med 130:772-7, Nov 72

Immunochemical characterization of a human antibody to factor XIII. Graham JE, et al. **Blood** 41:661-9, May 73

Thiolester substrates for transamidating enzymes: studies on fibrinoligase. Lorand L, et al.
Proc Natl Acad Sci USA 69:2645-8, Sep 72

BIOSYNTHESIS

Documentation of the plasma factor XIII deficiency in man. Duckert F. **Ann NY Acad Sci** 202:190-9, 8 Dec 72

Demonstration of factor XIII in human megakaryocytes by a fluorescent antibody technique. Kiesselbach TH, et al. **Ann NY Acad Sci** 202:318-28, 8 Dec 72

Some thoughts on the state in nature, biosynthetic origin, and function of factor XIII. Loewy AG.
Ann NY Acad Sci 202:41-58, 8 Dec 72

Site of synthesis of plasma and platelet factor XIII. McDonagh J, et al.
Ann NY Acad Sci 202:31-40, 8 Dec 72 (28 ref.)

[Hemostasis disorders in liver cirrhosis] Judkiewicz L, et al. **Pol Tyg Lek** 28:708-11, 1 May 73 (34 ref.) (Pol)

ISOLATION & PURIFICATION

The fibrin-stabilizing factor. A decade of progress. Mandel EE.
Ann Clin Lab Sci 1:92-9, Jul-Aug 71 (71 ref.)
Molecular structure of plasma transglutaminase precursor. Bannerjee D, et al.
Ann NY Acad Sci 202:172-85, 8 Dec 72
Comparative studies on the fibrin-stabilizing factors from human plasma, platelets and placentas. Bohn H.
Ann NY Acad Sci 202:256-72, 8 Dec 72
Human fibrinogen free of factor XIII: the pursuit of biological zero. Finlayson JS.
Ann NY Acad Sci 202:149-54, 8 Dec 72
Some thoughts on the state in nature, biosynthetic origin, and function of factor XIII. Loewy AG.
Ann NY Acad Sci 202:41-58, 8 Dec 72
Fibrinoligase: the fibrin-stabilizing factor system of blood plasma. Lorand L.
Ann NY Acad Sci 202:6-30, 8 Dec 72 (75 ref.)
Site of synthesis of plasma and platelet factor XIII. McDonagh J, et al.
Ann NY Acad Sci 202:31-40, 8 Dec 72 (28 ref.)
Cross-linking of fibrin by fibrin=stabilizing factor. McKee PA, et al.
Ann NY Acad Sci 202:127-48, 8 Dec 72 (37 ref.)
Human Factor XIII from plasma and platelets. Molecular weights, subunit structures, proteolytic activation, and cross-linking of fibrinogen and fibrin. Schwartz ML, et al. **J Biol Chem** 248:1395-407, 25 Feb 73
Thiolester substrates for transamidating enzymes: studies on fibrinoligase. Lorand L, et al.
Proc Natl Acad Sci USA 69:2645-8, Sep 72
The development of plasma derivatives for clinical use. A symposium summary. Deutsch HF.
Vox Sang 23:147-50, Jul-Aug 72
Experiences in the development of plasma derivatives in Japan. Naito R. **Vox Sang** 23:35-7, Jul-Aug 72
[Molecular structure of human fibrin stabilizing factors] Bohn H, et al.
Blut 25:235-48, Oct 72 (Eng. Abstr.) (Ger)
[Precipitation of factor XIII under the influence of some polysaccharides and at low temperatures] Nałęczyńska A, et al.
Acta Hepatogastroenterol (Stuttg) 2:43-6, Jan-Mar 71 (Eng. Abstr.) (Pol)

METABOLISM

Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA.
Ann Clin Lab Sci 1:139-54, Sep-Oct 71 (46 ref.)
Comparative studies on tissue transglutaminase and factor XIII. Chung SI.
Ann NY Acad Sci 202:240-55, 8 Dec 72
Documentation of the plasma factor XIII deficiency in man. Duckert F. **Ann NY Acad Sci** 202:190-9, 8 Dec 72
Hemorrhagic disease associated with inhibitors of fibrin cross-linkage. Lewis JH.
Ann NY Acad Sci 202:213-9, 8 Dec 72
Site of synthesis of plasma and platelet factor XIII. McDonagh J, et al.
Ann NY Acad Sci 202:31-40, 8 Dec 72 (28 ref.)
Fibrin cross-linkage, thrombosis and pregnancy. Padar E. **Ann NY Acad Sci** 202:230-4, 8 Dec 72
The effect of oral contraceptives on fibrin-clot stabilization. Shanberge JN, et al.
Ann NY Acad Sci 202:220-9, 8 Dec 72
Effects of Bothrops jararaca venom on fibrin formation in vitro. Ponari O, et al. **Arzneim Forsch** 23:94-8, Jan 73
Effects of Bothrops jararaca venom on fibrin formation in vitro. Ponari O, et al.
Australas Radiol 23:94-8, Jan 73
Titration and subunit localization of active center cysteine in fibrinoligase (thrombin-activated fibrin stabilizing fector). Curtis CG, et al.
Biochem Biophys Res Commun 52:51-6, 1 May 73
Cowper's gland secretion in rat semen coagulation. II. Identification of the potentiating factor secreted by the coagulating glands. Beil RE, et al.
Biol Reprod 8:613-7, Jun 73
Fibrinogen and FDP-models of molecular pathology? Gaffney PJ. **Br J Haematol** 25:271-2, Aug 73
The fate of the factor-13-mediated fibrin crosslinks during clot lysis. Gaffney PJ.
Br J Haematol 25:277, Aug 73
Effect of L-asparaginase therapy upon some indices of protein metabolism in leukemic patients. Cucuianu M, et al. **Rev Roum Med Intern** 10:121-31, 1973
Heparin therapy in the case of acute liver cirrhosis. Fischer M, et al.
Scand J Gastroenterol [Suppl] 19:135-8, 1973
Factors affecting factor XIII assay by dansyl cadaverine incorporation. Sheltawy MJ, et al.
Thromb Diath Haemorrh 28:483-8, 31 Dec 72
[Molecular structure of human fibrin stabilizing factors] Bohn H, et al.
Blut 25:235-48, Oct 72 (Eng. Abstr.) (Ger)
[Disturbed fibrin stabilization in chronic liver diseases and dysproteinemia] Braun K, et al.
Med Welt 23:1390-2, 30 Sep 72 (Ger)
[Reliability of simple examination methods for the measurement of fibrin stabilization and factor XIII activity] Popat D, et al.
Med Welt 23:1387-9, 30 Sep 72 (Ger)
[Disseminated intravascular coagulation] Maekawa T.
Jap J Clin Pathol 21:24-30, Jan 73 (7 ref.) (Jap)
[Changes in the properties of fibrinogen as a result of blood loss] Zhankina GKh.
Vestn Khir 108:80-3, Sep 72 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

Viscoelastic properties of fibrin clots. Roberts WW, et al. **Biorheology** 10:29-42, Mar 73
Inhibition of the platelet-dependent fibrin retraction by the fibrin stabilizing factor (FSF, factor 13). Niewiarowski S, et al. **J Lab Clin Med** 81:641-50, May 73
Factors affecting factor XIII assay by dansyl cadaverine incorporation. Sheltawy MJ, et al.
Thromb Diath Haemorrh 28:483-8, 31 Dec 72

PHYSIOLOGY

Documentation of the plasma factor XIII deficiency in man. Duckert F. **Ann NY Acad Sci** 202:190-9, 8 Dec 72
Demonstration of factor XIII in human megakaryocytes by a fluorescent antibody technique. Kiesselbach TH, et al. **Ann NY Acad Sci** 202:318-28, 8 Dec 72
Some thoughts on the state in nature, biosynthetic origin, and function of factor XIII. Loewy AG.
Ann NY Acad Sci 202:41-58, 8 Dec 72
[Influence of pregnancy on the activation factors of blood coagulation and on thrombocytes] Tismer R, et al.
Z Geburtshilfe Perinatol 176:183-92, Jun 72 (Eng. Abstr.) (Ger)
[Disseminated intravascular coagulation] Amir J.
Harefuah 83:29-32, 2 Jul 72 (20 ref.) (Heb)

THERAPEUTIC USE

[Simplified radiologic factor XIII determination and its clinical use in congenital factor XIII deficiency (I)] Egbring R, et al.
Blut 27:6-19, Jul 73 (Eng. Abstr.) (Ger)
[The role of factor XIII in maintaining the integrity of blood vessel walls in acute radiation sickness] Ponomarev IuT, et al.
Radiobiologiia 12:297-301, Mar-Apr 72 (Eng. Abstr.) (Rus)

FACTOR XIII DEFICIENCY

The fibrin-stabilizing factor. A decade of progress. Mandel EE.
Ann Clin Lab Sci 1:92-9, Jul-Aug 71 (71 ref.)
Documentation of the plasma factor XIII deficiency in man. Duckert F. **Ann NY Acad Sci** 202:190-9, 8 Dec 72
Our ancient heritage in blood clotting and some of its consequences. Laki K.
Ann NY Acad Sci 202:297-307, 8 Dec 72
Coagulation problems. Czapek EE.
Int Anesthesiol Clin 11:175-201, Summer 73 (66 ref.)
The molecular basis of hereditary clotting disorders. Ratnoff OD.
Prog Hemostasis Thromb 1:39-74, 1972 (184 ref.)

BLOOD

Documentation of the plasma factor XIII deficiency in man. Duckert F. **Ann NY Acad Sci** 202:190-9, 8 Dec 72
Site of synthesis of plasma and platelet factor XIII. McDonagh J, et al.
Ann NY Acad Sci 202:31-40, 8 Dec 72 (28 ref.)
Cross-linking of fibrin by fibrin=stabilizing factor. McKee PA, et al.
Ann NY Acad Sci 202:127-48, 8 Dec 72 (37 ref.)
Epsilon-(gamma-glutamyl) lysine cross-links: determination in fibrin from normal and factor

XIII-deficient individuals. Pisano JJ, et al.
Ann NY Acad Sci 202:98-113, 8 Dec 72
The fibrin stabilizing factor, factor XIII. Duckert F.
Blut 26:177-9, Mar 73 (11 ref.)
Immunological studies of coagulation factor XIII. Israels ED, et al. **J Clin Invest** 52:2398-403, Oct 73
[Molecular structure of fibrin stabilizing factors in man. II. Comparative immunologic studies on factor XIII deficient plasma and normal plasma] Bohn H, et al. **Blut** 26:303-11, May 73 (Eng. Abstr.) **(Ger)**
[Simplified radiologic factor XIII determination and its clinical use in congenital factor XIII deficiency (I)] Egbring R, et al.
Blut 27:6-19, Jul 73 (Eng. Abstr.) **(Ger)**
[Disturbed fibrin stabilization in chronic kidney diseases] Popat D, et al.
Med Welt 23:1806-8, 25 Nov 72 **(Ger)**
[Blood coagulation disorders caused by abnormal blood coagulation factors] Fiedler H.
Z Aerztl Fortbild (Jena) 66:692-8, 1 Jul 72 **(Ger)**
[On the coagulation factors from V through XIII] Yoshida K, et al.
Jap J Clin Med 31:755-64, Apr 73 (66 ref.) **(Jap)**

COMPLICATIONS

The fibrin-stabilizing factor. A decade of progress. Mandel EE.
Ann Clin Lab Sci 1:92-9, Jul-Aug 71 (71 ref.)
Documentation of the plasma factor XIII deficiency in man. Duckert F. **Ann NY Acad Sci** 202:190-9, 8 Dec 72
Hereditary aspects of fibrin cross-linking. Hampton JW, et al. **Ann NY Acad Sci** 202:204-12, 8 Dec 72
The fibrin stabilizing factor, factor XIII. Duckert F.
Blut 26:177-9, Mar 73 (11 ref.)
[Analysis of gastric hemorrhage in 150 patients] Thies HA, et al.
Dtsch Med Wochenschr 98:703-8, 11 May 73 (Eng. Abstr.) **(Ger)**
[Studies on plasma factor XIII-activity in acute leukaemia] Rasche H, et al.
Klin Wochenschr 50:1017-9, 1 Nov 72 (Eng. Abstr.) **(Ger)**
[Disturbed fibrin stabilization in chronic kidney diseases] Popat D, et al.
Med Welt 23:1806-8, 25 Nov 72 **(Ger)**
[Factor XIII deficiency in various patients with acute leukemia] Egbring R, et al.
Verh Dtsch Ges Inn Med 77:97-100, 1971 **(Ger)**

CONGENITAL

The fibrin-stabilizing factor. A decade of progress. Mandel EE.
Ann Clin Lab Sci 1:92-9, Jul-Aug 71 (71 ref.)
Transfusion therapy in congenital deficiencies of plasma factor XIII. Ikkala E.
Ann NY Acad Sci 202:200-3, 8 Dec 72
Immunological studies of coagulation factor XIII. Israels ED, et al. **J Clin Invest** 52:2398-403, Oct 73
[Congenital factor XIII deficiency] Rutllant ML, et al.
Sangre (Barc) 18:102-10, 1973 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

The fibrin-stabilizing factor. A decade of progress. Mandel EE.
Ann Clin Lab Sci 1:92-9, Jul-Aug 71 (71 ref.)

ENZYMOLOGY

Some thoughts on the state in nature, biosynthetic origin, and function of factor XIII. Loewy AG.
Ann NY Acad Sci 202:41-58, 8 Dec 72

FAMILIAL & GENETIC

Documentation of the plasma factor XIII deficiency in man. Duckert F. **Ann NY Acad Sci** 202:190-9, 8 Dec 72
Hereditary aspects of fibrin cross-linking. Hampton JW, et al. **Ann NY Acad Sci** 202:204-12, 8 Dec 72
Some thoughts on the state in nature, biosynthetic origin, and function of factor XIII. Loewy AG.
Ann NY Acad Sci 202:41-58, 8 Dec 72
Fibrinoligase: the fibrin-stabilizing factor system of blood plasma. Lorand L.
Ann NY Acad Sci 202:6-30, 8 Dec 72 (75 ref.)
Fibrin cross-linking and heredity. Ratnoff OD, et al.
Ann NY Acad Sci 202:186-9, 8 Dec 72
The genetics of hereditary disorders of blood coagulation. Ratnoff OD, et al.
Science 179:1291-8, 30 Mar 73 (53 ref.)
[Molecular structure of fibrin stabilizing factors in man. II. Comparative immunologic studies on factor XIII deficient plasma and normal plasma] Bohn H, et al. **Blut** 26:303-11, May 73 (Eng. Abstr.) **(Ger)**
[Congenital factor XIII deficiency] Rutllant ML, et al.
Sangre (Barc) 18:102-10, 1973 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

Immunological studies of coagulation factor XIII. Israels ED, et al. **J Clin Invest** 52:2398-403, Oct 73
The genetics of hereditary disorders of blood coagulation. Ratnoff OD, et al.
Science 179:1291-8, 30 Mar 73 (53 ref.)

THERAPY

Transfusion therapy in congenital deficiencies of plasma factor XIII. Ikkala E.
Ann NY Acad Sci 202:200-3, 8 Dec 72
[Simplified radiologic factor XIII determination and its clinical use in congenital factor XIII deficiency (I)] Egbring R, et al.
Blut 27:6-19, Jul 73 (Eng. Abstr.) **(Ger)**

FATTY STREAK, ARTERIAL

Atherosclerosis in man: natural history and effects. Gresham GA. **Proc Nutr Soc** 31:303-5, Dec 72
[Postmortem angiographic studies on the aged coronary arteries] Yamanouchi H.
Jap Circ J 36:623-43, Jun 72 (Eng. Abstr.) **(Jap)**

COMPLICATIONS

Prevention of atherosclerosis. Blumenthal S.
Am J Cardiol 31:591-4, May 73
Development of arteriosclerosis. McMillan GC.
Am J Cardiol 31:542-6, May 73
Fat nutrition and diet in childhood. Schubert WK.
Am J Cardiol 31:581-7, May 73 (101 ref.)

ETIOLOGY

Tissue response to an arterial substitute of bovine origin. Dillon ML, et al. **Arch Surg** 105:577-81, Oct 72
Diet-induced cholesteremia and atherosclerosis in wild rodents. Dieterich RA, et al.
Atherosclerosis 17:345-52, May-Jun 73

METABOLISM

Isolation of lipoprotein-acid mucopolysaccharide complexes from fatty streaks of human aortas. Srinivasan SR, et al.
Atherosclerosis 16:95-104, Jul-Aug 72
Spider monkeys (Ateles sp.) as animal models for atherosclerosis research. Pucak GJ, et al.
Exp Mol Pathol 18:32-49, Feb 73
Relationship between plasma lipids and arterial tissue lipids. Smith EB, et al. **Nutr Metab** 15:17-26, 1973
Contribution of thrombus free and esterified cholesterol to atherosclerotic plaques. Craig IH, et al.
Pathology 4:303-6, Oct 72
Lipids and lipoproteins in aging aortic intima. Smith EB, et al. **Proc R Soc Med** 65:675-7, Aug 72
Mechanisms of cholesterol accumulation in atherosclerotic lesions. Velican C.
Rev Roum Med Intern 9:501-15, 1972 (57 ref.)

OCCURRENCE

Arteriosclerosis in exotic mammals. Bohorquez F, et al.
Atherosclerosis 16:225-31, Sep-Oct 72
Cerebral atherosclerosis in Negroes and Caucasians. Solberg LA, et al.
Atherosclerosis 16:141-54, Sep-Oct 72
Pathology and epidemiology of atherosclerosis. Strong JP, et al. **J Am Diet Assoc** 62:262-8, Mar 73 (14 ref.)

PATHOLOGY

Ultrastructural aspects of the role of the media-smooth muscle cells in arteriosclerosis of man and animals. Takebayashi S, et al.
Acta Pathol Jap 22:697-721, Nov 72
Effect of exercise on development of atherosclerosis in swine. Link RP, et al. **Adv Exp Med Biol** 22:127-42, 1972

Development of arteriosclerosis. McMillan GC. **Am J Cardiol** 31:542-6, May 73
Human intracranial atherosclerosis. A histochemical and ultrastructural study of gross fatty steak lesions. Hoff HH. **Am J Pathol** 69:421-38, Dec 72
Arteriosclerosis in exotic mammals. Bohorquez F, et al. **Atherosclerosis** 16:225-31, Sep-Oct 72
Cerebral atherosclerosis in Negroes and Caucasians. Solberg LA, et al. **Atherosclerosis** 16:141-54, Sep-Oct 72
Evaluation of atherosclerotic lesions in cerebral arteries by unaided visual estimation. Solberg LA, et al. **Atherosclerosis** 16:155-67, Sep-Oct 72
Spider monkeys (Ateles sp.) as animal models for atherosclerosis research. Pucak GJ, et al. **Exp Mol Pathol** 18:32-49, Feb 73
Spontaneous aortic lesions in wild adult Malaysian long-tailed monkeys (Macaca irus). Prathap K. **J Pathol** 110:135-43, Jun 73
Significance of cholesterol esters as liquid crystal in human atherosclerosis. Hata Y, et al. **Jap Circ J** 37:269-75, Mar 73
Atherosclerosis in man: natural history and effects. Gresham GA. **Proc Nutr Soc** 31:303-5, Dec 72

PHYSIOPATHOLOGY

Regressive and progressive changes of intimal smooth muscle cells in atherosclerosis. Haust MD. **Verh Dtsch Ges Inn Med** 78:1124-38, 1972

VETERINARY

Arteriosclerosis in exotic mammals. Bohorquez F, et al. **Atherosclerosis** 16:225-31, Sep-Oct 72
Spontaneous aortic lesions in wild adult Malaysian long-tailed monkeys (Macaca irus). Prathap K. **J Pathol** 110:135-43, Jun 73

FIBRIN

Disseminated intravascular coagulation. Pierce LE. **Am Fam Physician** 7:118-25, Feb 73
The mechanism of renal glomerular capillary retention of carbon in disseminated intravascular coagulation. Donald KJ, et al. **Am J Pathol** 70:245-52, Feb 73
The pathogenesis of epizootic hemorrhagic disease of deer: an electron microscopic study. Tsai K, et al. **Am J Pathol** 70:379-400, Mar 73
A filter paper assay for transamidating enzymes using radioactive amine substrates. Lorand L, et al. **Anal Biochem** 50:623-31, Dec 72
Continuous monitoring of mixed venous oxygen saturation in man. Martin WE, et al. **Anesth Analg (Cleve)** 52:784-93, Sep-Oct 73
The molecular structure of fibrinogen. Blombäck B, et al. **Ann NY Acad Sci** 202:77-97, 8 Dec 72 (54 ref.)
Comparative studies on the fibrin-stabilizing factors from human plasma, platelets and placentas. Bohn H. **Ann NY Acad Sci** 202:256-72, 8 Dec 72
Comparative studies on tissue transglutaminase and factor XIII. Chung SI. **Ann NY Acad Sci** 202:240-55, 8 Dec 72
Correlation of the mode of fibrin polymerization with the pattern of cross-linking. Doolittle RF, et al. **Ann NY Acad Sci** 202:114-26, 8 Dec 72
Degradation of stabilized and nonstabilized fibrin clots by plasmin: an immunological study. Gormsen J, et al. **Ann NY Acad Sci** 202:329-34, 8 Dec 72
Our ancient heritage in blood clotting and some of its consequences. Laki K. **Ann NY Acad Sci** 202:297-307, 8 Dec 72
Hemorrhagic disease associated with inhibitors of fibrin cross-linkage. Lewis JH. **Ann NY Acad Sci** 202:213-9, 8 Dec 72
Some thoughts on the state in nature, biosynthetic origin, and function of factor XIII. Loewy AG. **Ann NY Acad Sci** 202:41-58, 8 Dec 72
Fibrinoligase: the fibrin-stabilizing factor system of blood plasma. Lorand L. **Ann NY Acad Sci** 202:6-30, 8 Dec 72 (75 ref.)
Titration of the acceptor cross-linking sites in fibrin. Lorand L, et al. **Ann NY Acad Sci** 202:155-71, 8 Dec 72
Polypeptide chains of human fibrin: molecular organization in cross-linking. McDonagh RP Jr, et al. **Ann NY Acad Sci** 202:335-40, 8 Dec 72
Cross-linking of fibrin by fibrin=stabilizing factor. McKee PA, et al. **Ann NY Acad Sci** 202:127-48, 8 Dec 72 (37 ref.)
Fibrin-stabilizing factor inhibitors. Nilsson JL, et al. **Ann NY Acad Sci** 202:286-96, 8 Dec 72
Tissue transamidases, fibrin stabilization and clot lysis. Tyler HM. **Ann NY Acad Sci** 202:273-85, 8 Dec 72 (39 ref.)
Serum gold. I. Estimation by atomic absorption spectroscopy. Dietz AA, et al. **Ann Rheum Dis** 32:124-7, Mar 73
Pour-plate method for the detection of coagulase production by Staphylococcus aureus. Parisi JT, et al. **Appl Microbiol** 25:558-61, Apr 73
Equilibria in the fibrinogen-fibrin conversion. IX. Effects of calcium ions on the reversible polymerization of fibrin monomer. Endres GF, et al. **Arch Biochem Biophys** 153:266-78, Nov 72
An acquired inhibitor to factor XIII. McDevitt NB, et al. **Arch Intern Med** 130:772-7, Nov 72
Embolism of cerebral tissue to lungs. Levine SB. **Arch Pathol** 96:183-5, Sep 73
Chronic intravascular coagulation in metastatic prostate cancer. Samaha RJ, et al. **Arch Surg** 106:295-8, Mar 73
Inversion of an arterial branch: a technique for inducing thrombosis. Constantine JW, et al. **Atherosclerosis** 16:31-6, Jul-Aug 72
Ultrastructural intimal changes in the rabbit aorta after a moderate carbon monoxide exposure. Kjeldsen K, et al. **Atherosclerosis** 16:67-82, Jul-Aug 72
Subunit structure of the plasmin-induced degradation products of crosslinked fibrin. Gaffney PJ, et al. **Biochim Biophys Acta** 295:308-13, 25 Jan 73
Electron microscopy study of positive charges on fibrin fibres. Pouit L, et al. **Biochim Biophys Acta** 317:99-105, 12 Jul 73
On the physiological role of 2 -macroglobulin. Rinderknecht H, et al. **Biochim Biophys Acta** 295:233-44, 25 Jan 73
Detection of fibrinolytic activity by a zymogram technique after isoelectric focusing. Vesterberg O, et al. **Biochim Biophys Acta** 285:393-7, 28 Dec 72
The dynamic rigidity of fibrin gels. Fukada E, et al. **Biorheology** 10:129-38, Jun 73
Leukofibrinolysis. Lewis JH, et al. **Blood** 40:844-55, Dec 72
The fibrin stabilizing factor, factor XIII. Duckert F. **Blut** 26:177-9, Mar 73 (11 ref.)
Further studies on experimental bacterial pneumonia: ultrastructural changes produced in the lungs by Salmonella cholerae-suis. Baskerville A, et al. **Br J Exp Pathol** 54:90-8, Feb 73
Microangiopathic haemolytic anaemia associated with hypercalcaemia in an experimental rat tumour. Hilgard P, et al. **Br J Haematol** 24:245-54, Feb 73
The significance of microangiopathic haemolytic anaemia in accelerated hypertension. Sevitt LH, et al. **Br J Haematol** 24:503-10, Apr 73
Serum and urine fibrinogen-fibrin-related antigen (F.R.-antigen) levels in renal disease. Briggs JD, et al. **Br Med J** 4:82-5, 14 Oct 72
Nature of hyperacute rejection. Dempster WJ. **Br Med J** 1:740-1, 24 Mar 73
Clinical and laboratory double-blind investigation on effect of fibrinolytic therapy in patients with cutaneous vasculitis. Dodman B, et al. **Br Med J** 2:82-4, 14 Apr 73
The placenta--an environmental problem. Rushton DI. **Br Med J** 1:344-8, 10 Feb 73
Current transfusion therapy. Hinkes E, et al. **Calif Med** 118:38-55, May 73 (173 ref.)
Enteral hyperalimentation with elemental diet. Bounous G. **Can Med Assoc J** 107:607-8, 7 Oct 72
Ultrastructural changes in rat livers induced by repeated injections of trypan blue. Gilliman T, et al. **Cancer Res** 32:2393-9, Nov 72
Monocrotaline induced pulmonary vascular lesions in non-human primates. Chesney CF, et al. **Cardiovasc Res** 7:508-18, Jul 73
Unusual coronary emboli associated with coronary arteriography. Price HP, et al. **Chest** 63:698-700, May 73
An actin-like component in spermatocytes of a crane fly (Nephrotoma suturalis Loew). II. The cell cortex. Forer A, et al. **Chromosoma** 39:175-90, 1972
Generation of 125 I-labelled plasmin in dogs in response to venous injury. Takeda Y, et al. **Ciba Found Symp** 9:203-16, 1972
The effect of synovectomy on synovium and cartilage in early rheumatoid arthritis. Mitchell N, et al. **Clin Orthop** 89:178-96, 1972

Effect of low-density lipoprotein preparations on plasmin. Herbert RJ, et al. **Clin Sci** 45:129-32, Jul 73

The inhibition of urokinase by alpha 2 -macroglobulin. Ogston D, et al. **Clin Sci** 44:73-9, Jan 73

Changes in fine structure of fibrin in fibrinolysis. Rossmann P, et al. **Cor Vasa** 14:222-7, 1972

Photodynamic lipid peroxidation in the eye during the experimental induction of turkey blindness syndrome. Pattison M, et al. **Exp Eye Res** 16:191-9, Jul 73

Fibrinogen-fibrin conversion as determined by polymer bead sedimentation technique. Exner T, et al. **Experientia** 28:1421-3, 15 Dec 72

Surface accumulation and reduced survival of I 125 -fibrinogen during wound healing. Herold G, et al. **Helv Med Acta** 37:57-61, 1973

The chemotactic activity of fibrin lysis products. Stecher VJ, et al. **Int Arch Allergy Appl Immunol** 43:879-86, 1972

Thrombin-catalyzed conversion of fibrinogen to fibrin. Bando M, et al. **J Biochem (Tokyo)** 71:897-9, May 72

The effect of plasmin on the subunit structure of human fibrin. Pizzo SV, et al. **J Biol Chem** 248:4574-83, 10 Jul 73

Human Factor XIII from plasma and platelets. Molecular weights, subunit structures, proteolytic activation, and cross-linking of fibrinogen and fibrin. Schwartz ML, et al. **J Biol Chem** 248:1395-407, 25 Feb 73

Identification of modified streptokinase as the activator of bovine and human plasminogen. Taylor FB Jr, et al. **J Biol Chem** 248:1127-34, 25 Feb 73

Mechanism of ancrod anticoagulation. A direct proteolytic effect on fibrin. Pizzo SV, et al. **J Clin Invest** 51:2841-50, Nov 72

The role of the mesangial cell in proliferative glomerulonephritis. Davison AM, et al. **J Clin Pathol** 26:198-208, Mar 73

Evaluation of the orginal fibrin plate method for estimating plasminogen activators. Marsh NA, et al. **J Clin Pathol** 25:623-4, Jul 72

Acute villous inflammation in the placenta following intrauterine transfusion. Scott JM, et al. **J Clin Pathol** 25:872-5, Oct 72

Reaction to killed Mycoplasma mycoides in joints in specifically sensitized calves. Piercy DW. **J Comp Pathol** 82:291-4, Jul 72

Studies on serum 1 C in Thai children and fibrin degradation product associated with acute poststreptococcal. Futrakul P, et al. **J Med Assoc Thai** 55:689-94, Dec 72

Studies on serum complement C3 and fibrin degradation products in Thai hemorrhagic fever. Suvatte V, et al. **J Med Assoc Thai** 56:24-32, Jan 73

Wound healing: a review. Brooks MP. **J Miss State Med Assoc** 14:385-90, Sep 73 (56 ref.)

An electron microscopic investigation of the polymerization of bovine fibrin monomer. Krakow W, et al. **J Mol Biol** 71:95-103, 28 Oct 72

Production of clinical form of chronic subdural hematoma in experimental animals. Watanabe S, et al. **J Neurosurg** 37:552-61, Nov 72

An electron-microscope study of defibrination during carbon clearance in rabbits stimulated by a tubercle bacillary lipid. Donald KJ. **J Pathol** 108:329-33, Dec 72

Histology and fine structure of necrotic renal allografts in man. Rossmann P, et al. **J Pathol** 110:177-89, Jun 73

The mechanisms of canalisation in deep vein thrombosis. Sevitt S. **J Pathol** 110:153-65, Jun 73

Supplemental intravenous alimentation in low-birth-weight infants. Bryan MH, et al. **J Pediatr** 82:940-4, Jun 73

Ultra-structural features of the ectopic pig trophoblast. Samuel CA. **J Physiol (Lond)** 226:22P, Oct 72

The extensive myelopathy of intervertebral disc protrusions in dogs ('the ascending syndrome'). Griffiths IR. **J Small Anim Pract** 13:425-38, Aug 72

Neointimas cultured in vitro for circulatory assistors. 3. Evaluation of antithrombogenic properties. Adachi M, et al. **J Thorac Cardiovasc Surg** 65:778-85, May 73

Scanning electron microscopy of canine lung transplants. Kondo Y, et al. **J Thorac Cardiovasc Surg** 65:940-50, Jun 73

Morphology of blood-surface interaction on intra-aortic balloons. An analysis of clinical and experimental specimens by scanning electron microscopy. Schoen FJ, et al. **J Thorac Cardiovasc Surg** 65:304-14, Feb 73

Thrombotic thrombocytopenic purpura. **JAMA** 224:Suppl 5:729, 30 Apr 73

Fine structure of early experimental acute pancreatitis in dogs. Bockman DE, et al. **Lab Invest** 28:584-92, May 73

A complication of intravenous feeding by catheter. Jones C, et al. **Lancet** 1:156, 20 Jan 73

The role of blood flow in platelet adhesion, fibrin deposition, and formation of mural thrombi. Baumgartner HR. **Microvasc Res** 5:167-79, Mar 73

The Thrombo-Wellcotest as a screening test for disseminated intravascular coagulation. Elliman L, et al. **N Engl J Med** 288:633-4, 22 Mar 73

Assignment of codons to arginine residues in vertebrate proteins. Elton RA. **Nature [New Biol]** 243:287-8, 27 Jun 73

Excessive ultrafiltration due to intracoil fibrin deposition as a complication of coil reuse. Ben-Ari J, et al. **Nephron** 9:189-91, 1973

The role of platelets in the clearance of colloidal carbon from blood in rabbits: a light and electron microscope study. Donal KJ. **Pathology** 4:295-301, Oct 72

The pathology of chemically-sterilized human heart valve allografts. Gavin JB, et al. **Pathology** 4:175-83, Jul 72

A scanning electron microscopy study of human heart valve allografts. Wheeler EE, et al. **Pathology** 4:185-92, Jul 72

Thiolester substrates for transamidating enzymes: studies on fibrinoligase. Lorand L, et al. **Proc Natl Acad Sci USA** 69:2645-8, Sep 72

Discriminating neoantigenic differences between fibrinogen and fibrin derivatives. Plow EF, et al. **Proc Natl Acad Sci USA** 70:1169-73, Apr 73

Animal models useful in the study of thrombosis and antithrombotic agents. Didisheim P. **Prog Hemostasis Thromb** 1:165-97, 1972 (235 ref.)

Scanning electron microscopy of organic structures on the root surface of human teeth. Kvam E. **Scand J Dent Res** 80:297-306, 1972

Dysfibrinogenaemia associated with primary hepatoma. Verhaeghe R, et al. **Scand J Haematol** 9:451-8, 1972

The effect of osmium tetroxide on synovitis in rabbits induced by immunization. Möttönen M, et al. **Scand J Rheumatol** 1:41-5, 1972

The development of fibrin sheath on indwelling venous catheters. Peters WR, et al. **Surg Gynecol Obstet** 137:43-7, Jul 73

Experimental arterial embolism: a study using scanning electron microscopy to identify changes in luminal surface ultrastructure after exposure to implanted emboli. Hamer JD. **Surgery** 73:500-6, Apr 73

Pathology of the formalin-treated heterograft porcine aortic valve in the mitral position. Rose AG. **Thorax** 27:401-9, Jul 72

Fibrinolysis in the domestic chicken (Gallus domesticus). Allen BV. **Thromb Diath Haemorrh** 27:644-8, 31 Jul 72

Cold promoted activation of factor VII. I. Evidence for the existence of an activator. Gjonnaess H. **Thromb Diath Haemorrh** 28:155-68, 31 Oct 72

Identification of fibrinogen derivatives in plasma samples. Graeff H, et al. **Thromb Diath Haemorrh** 27:610-8, 31 Jul 72

Ethanol gelation and protamine sulfate tests. Comparison and criticque. Jacobsen CD, et al. **Thromb Diath Haemorrh** 29:130-4, 28 Feb 73

Evaluation of the fibrin plate method for estimating plasminogen activators. Marsh NA, et al. **Thromb Diath Haemorrh** 28:75-88, 31 Aug 72

MN blood group activity of the blood components other than the red cells. Sagisaka K, et al. **Tohoku J Exp Med** 109:1-6, Jan 73

Morphologic studies of dialysis membranes adherence of blood components to air rinsed coils. Ahearn DJ, et al. **Trans Am Soc Artif Intern Organs** 19:435-9, 1973

Platelet survival test. An accurate prediction of hyperacute rejection of renal allografts in rabbits. Andersen OS, et al. **Transplantation** 15:105-10, Jan 73

Erythrocyte deformation as a sign of renal homograft rejection. Guevarra AK, et al. **Transplantation** 14:683-8, Dec 72

Wound healing and fibrinolytic activity. Szekeres L, et al. **Vasa** 2:81-3, 1973

[Determination of antistreptokinases (ASK) by a micromethod] Philippon A, et al. **Nouv Presse Med** 2:383-4, 10 Feb 73 (Fre)

[Fixation of toluene 2-4 diisocyanate treated ferritin to fibrin fibers. Electron microscope study] Hudry-Clergeon G, et al. **Pathol Biol (Paris) Suppl**:41-6, Dec 72 (Eng. Abstr.) (Fre)

[A case of an asymptomatic hypobetalipoproteinemia] Hermier M, et al. **Pediatrie 28:211-22, Mar 73 (Fre)**

[Intravascular coagulation and nephropathies] Kanfer A, et al. **Rev Prat 22:2389-401, 21 May 72 (Fre)**

[Argon laser coagulation of the rabbit iris. Threshold determinations and electron microscopy findings] Ruprecht KW, et al.
Albrecht von Graefes Arch Klin Ophthalmol 187:311-26, 1973 (Eng. Abstr.) (Ger)

[Ultrastructure of dermo-epidermal junction in Lichen planus] Ebner H, et al.
Arch Dermatol Forsch 245:285-94, 1972 (Eng. Abstr.) (Ger)

[Fibrin thrombi in the pulmonary vessels in the Wilson-Mikity syndrome] Esteri D, et al.
Dtsch Gesundheitsw 27:1124-6, 15 Jun 72 (Eng. Abstr.) (Ger)

[Fibrinogen: biophysical, biochemical and biological properties] Krantz S, et al.
Folia Haematol (Leipz) 98:1-30, 1972 (283 ref.) (Eng. Abstr.) (Ger)

[Reptilase time in relation to fetal fibrinogen] Krause W, et al.
Klin Wochenschr 51:94-5, 15 Jan 73 (Eng. Abstr.) (Ger)

[Fibrinoid necrosis zone in gastric ulcer] Becker V.
Leber Magen Darm 2:241-4, Dec 72 (Eng. Abstr.) (Ger)

[Reliability of simple examination methods for the measurement of fibrin stabilization and factor XIII activity] Popat D, et al.
Med Welt 23:1387-9, 30 Sep 72 (Ger)

[The arterial wall and fibrin] Bleyl U.
Verh Dtsch Ges Inn Med 78:1206, 1972 (Ger)

[Molecular aspects of coagulation processes] Deutsch E. **Verh Dtsch Ges Inn Med 78:345-60, 1972 (Ger)**

[Induction of microthrombi through arwin infusion in the rabbit] Müller-Berghaus G, et al.
Verh Dtsch Ges Inn Med 78:1614-6, 1972 (Ger)

[Fibrin monomers and the Sanarellis-Schwartzman phenomenon] Müller-Berghaus G, et al.
Verh Dtsch Ges Inn Med 77:161-4, 1971 (Ger)

[Juvenile monarticular rheumatoid arthritis] Klein W, et al.
Virchows Arch [Pathol Anat] 357:359-68, 1972 (Eng. Abstr.) (Ger)

[Intracellular Bacteria in human typhoid fever. Ultrastructure, origin, and function of so-called Rindfleisch cells] Kaiserling E, et al.
Virchows Arch [Zellpathol] 11:343-57, 1972 (Eng. Abstr.) (Ger)

[Sekunden phenomenon of vital reaction demonstrated on arterial stab injuries] Böhm E, et al.
Z Rechtsmed 71:235-42, 1972 (Eng. Abstr.) (Ger)

[Ultrastructural synovial membrane changes in psoriatic arthropathy] Bierther M, et al.
Z Rheumaforsch 32:202-11, May-Jun 73 (Eng. Abstr.) (Ger)

[Careful embedding of very small tissue pieces and cell sediments in fibrin clots] Horváth A.
Zentralbl Allg Pathol 116:339-40, 1972 (Ger)

[Scanning electron microscopy studies on the effect of endotoxin on the capillary bed] Fritsch H, et al.
Zentralbl Bakteriol [Orig A] 221:527-38, Sep 72 (Eng. Abstr.) (Ger)

[3 cases of defibrination syndrome in infants] Violante N, et al.
Minerva Pediatr 25:161-5, 11 Feb 73 (Eng. Abstr.) (Ita)

[Studies on human fibrin-agar plate (H-FAP)method for the estimation of fibrinolytic activity] Ota E, et al.
Jap J Clin Hematol 14:769-76, Jul 73 (Jap)

[Fibrin-agar-plate method, a new method for estimation of fibrinolytic activity] Ota E, et al.
Jap J Clin Hematol 13:793-9, Oct 72 (Eng. Abstr.) (Jap)

[Electron microscopic features of glomerular changes in toxemia of pregnancy] Yajima G, et al.
Jap J Clin Med 30:1382-7, Jun 72 (Jap)

[Inhibition of the fibrinolytic enzyme system using fibrin and casein as the substrates] Miyatani K, et al.
Jap J Clin Pathol 21:627-31, Jul 73 (Jap)

[Fibrinoplastic properties of cell components and antagonistic action of acid mucipolysaccharides] Węgrzynowicz Z, et al.
Acta Haematol Pol 2:297-304, Oct-Dec 71 (Eng. Abstr.) (Pol)

[Antigenic properties of fibrinogen] Cierniewski C, et al.
Postepy Hig Med Dosw 27:483-97, Jul-Aug 73 (Eng. Abstr.) (Pol)

[Stability ("memory") of structural modifications of fibrin gels] Belitser VA, et al.
Dokl Akad Nauk SSSR 207:724-7, 21 Nov 72 (Rus)

[Use of proteolytic enzymes for prevention of postoperative adhesions in the abdominal cavity] Zhenchevskiĭ RA.
Vestn Khir 108:48-53, Oct 72 (Eng. Abstr.) (Rus)

[The effect of fibrinogen, its molecular fragments and calcium ions on fibrin polymerization] Galanova TF, et al.
Ukr Biokhim Zh 43:547-53, Sep-Oct 71 (Eng. Abstr.) (Ukr)

ADMINISTRATION & DOSAGE

Total parenteral alimentation, with lipid. Zohrab WJ, et al. **Gastroenterology 64:583-92, Apr 73**

Brain-damaging potential of protein hydrolysates. Olney JW, et al. **N Engl J Med 289:391-5, 23 Aug 73**

ADVERSE EFFECTS

Coagulation and renal disease. Kincaid-Smith P. **Kidney Int 2:183-90, Oct 72 (99 ref.)**

Brain-damaging potential of protein hydrolysates. Olney JW, et al. **N Engl J Med 289:391-5, 23 Aug 73**

ANALYSIS

Demonstration of fibrin in skin diseases. II. Psoriasis. Salo OP, et al.
Acta Derm Venereol (Stockh) 52:295-7, 1972

Demonstration of fibrin in skin diseases. I. Lichen ruber planus and lupus erythematosus. Salo OP, et al.
Acta Derm Venereol (Stockh) 52:291-4, 1972

Fibrinolytic activity of human brain. A histochemical study. Tovi D. **Acta Neurol Scand 49:152-62, 1973**

Increased fibrinolytic activity and fibrin degradation products after experimental intracerebral haemorrhage. Tovi D, et al.
Acta Neurol Scand 48:403-15, 1972

Histopathological findings of the lung in collagen diseases--especially on their differential diagnosis. Nozawa Y. **Acta Pathol Jap 22:843-58, Nov 72**

Evaluation of methods for the detection and quantitation of serum fibrin-fibrinogen degradation products. Erickson C, et al.
Am J Clin Pathol 58:394-9, Oct 72

The plasma protamine paracoagulation test: clinical and laboratory evaluation. Kidder WR, et al.
Am J Clin Pathol 58:675-86, Dec 72

Counterelectrophoresis test for molecules immunologically similar to fibrinogen. Lewis JH, et al.
Am J Clin Pathol 58:400-4, Oct 72

Reversal of renal failure in Wegener's granulomatosis cy heparin. Whitaker AN, et al.
Am J Med Sci 265:399-406, May 73

Lack of coagulation defect after terminating second-trimester pregnancy by the catheter technique. Beller FK, et al.
Am J Obstet Gynecol 115:822-6, 15 Mar 73

Coagulation changes in saline-induced abortion. Laros RK Jr, et al. **Am J Obstet Gynecol 116:271-6, 15 May 73**

Stilbestrol-augmented disseminated intravascular coagulation in rats after infusion of endotoxin. Theiss W, et al. **Am J Obstet Gynecol 115:775-82, 15 Mar 73**

The pathogenesis of placental infarction. I. A morphologic study in the human placenta. Wallenburg HC, et al. **Am J Obstet Gynecol 116:835-40, 15 Jul 73**

Defibrination syndrome after intra-amniotic infusion of hypertonic saline. Weiss AE, et al.
Am J Obstet Gynecol 113:868-74, 1 Aug 72

Immunohistochemical study of glomerular lesions in retroperitoneal lymphomas. Gupta RK.
Am J Pathol 71:427-36, Jun 73

A comparative immunohistochemical study of splenic arterial hyalinosis in health and disease. Gupta RK, et al. **Am J Pathol 69:79-88, Oct 72**

Correlation of the mode of fibrin polymerization with the pattern of cross-linking. Doolittle RF, et al.
Ann NY Acad Sci 202:114-26, 8 Dec 72

Carboxyl-terminal structures of mammalian fibrinogen and fibrin. Iwanaga S, et al.
Ann NY Acad Sci 202:308-17, 8 Dec 72

Polypeptide chains of human fibrin: molecular organization in cross-linking. McDonagh RP Jr, et al.
Ann NY Acad Sci 202:335-40, 8 Dec 72

Epsilon-(gamma-glutamyl) lysine cross-links: determination in fibrin from normal and factor XIII-deficient individuals. Pisano JJ, et al.
Ann NY Acad Sci 202:98-113, 8 Dec 72

Hypothermia and coagulation defects in the newborn. Chadd MA, et al. **Arch Dis Child 47:819-21, Oct 72**

Activation of fibrinolysis in muscular dystrophy. Berman PH, et al. **Arch Neurol** 29:65-6, Jul 73

Deposition of modified fibrinogen within the aortic intima. Shainoff JR, et al. **Atherosclerosis** 16:287-305, Nov-Dec 72

An ordered precipitate of polyadenylic acid formed by freezing at acidic pH: comparison of X-ray diffraction and other properties of the precipitate with those of fibers or direct acid-precipitates. Zimmerman SB, et al. **Biopolymers** 11:1943-60, 1972

Bright's disease today: the pathogenesis and treatment of glomerulonephritis. II. Cameron JS. **Br Med J** 4:160-3 contd, 21 Oct 72

Fibrinolysis in cholestatic jaundice. Jedrychowski A, et al. **Br Med J** 1:640-2, 17 Mar 73

Prevention of pulmonary embolism. Jones DR, et al. **Br Med J** 3:109, 14 Jul 73

Immunological reaction in keratoacanthoma, a spontaneously resolving skin tumor. Brown FC, et al. **Cancer Res** 33:2030-3, Sep 73

Assay of "soluble fibrinogen" in bloodstain extracts as an aid to identification of menstrual blood in forensic science: preliminary findings. Whitehead PH, et al. **Clin Chem** 19:762-5, Jul 73

Laboratory investigations of the DIC syndrome. Temperley IJ, et al. **Ir J Med Sci Suppl**:83-7, May 73

Primary structure of human fibrinogen and fibrin. II. Structural studies on NH2-terminal part of gamma chain. Blombäck B, et al. **J Biol Chem** 248:5806-20, 25 Aug 73

The effect of plasmin on the subunit structure of human fibrin. Pizzo SV, et al. **J Biol Chem** 248:4574-83, 10 Jul 73

Subunit structure of fragment D from fibrinogen and cross-linked fibrin. Pizzo SV, et al. **J Biol Chem** 248:4584-90, 10 Jul 73

Mechanism of ancrod anticoagulation. A direct proteolytic effect on fibrin. Pizzo SV, et al. **J Clin Invest** 51:2841-50, Nov 72

Methodology for the control of thrombolytic therapy. Alkjaersig N. **J Clin Pathol** 25:625-6, Jul 72

Detection of fibrinogen-fibrin degradation products by counterelectrophoresis. Brody JI. **J Clin Pathol** 25:754-6, Sep 72

The detection of fibrinogen-fibrin degradation products by means of a new antibody-coated latex particle. Garvey MB, et al. **J Clin Pathol** 25:680-2, Aug 72

Fibrin lysis by thrombin elevating levels of fibrinogen and fibrin-related antigen (FR-antigen) in human serum as shown by Auto Analyzer assay. Merskey C, et al. **J Clin Pathol** 25:623, Jul 72

Immunoephelometric determination of fibrinogen and its derivatives in plasma. Farrell GW, et al. **J Immunol Methods** 1:217-29, May 72

Degradation products of fibrinogen and fibrin in bacteremia due to gram-negative rods. Satterwhite TK, et al. **J Infect Dis** 127:437-41, Apr 73

The effect of saline loading on endotoxin-induced disseminated intravascular coagulation. Theiss W, et al. **J Lab Clin Med** 81:431-42, Mar 73

A simple, rapid determination of fibrin degradation product by cross-over immunoelectrophoresis. Pongpipat D, et al. **J Med Assoc Thai** 55:732-5, Dec 72

Intrarenal fibrin deposition and its relation to prognosis in proliferative glomerulonephritis. Davison AM, et al. **J Pathol** 109:pxii, Jan 73

Anaphylactoid purpura nephritis: clinicopathological correlations. Hurley RM, et al. **J Pediatr** 81:904-11, Nov 72

Circulating fibrin in meningococcemia. Kisker CT, et al. **J Pediatr** 82:787-91, May 73

Disseminated intravascular coagulation in a newborn infant with Listeria sepsis. Miller R, et al. **J Pediatr** 83:640-2, Oct 73

Disseminated intravascular coagulation following extracorporeal circulation. Boyd AD, et al. **J Thorac Cardiovasc Surg** 64:685-93, Nov 72

Hypertonic saline-induced abortion. Correlation of fetal death with disseminated intravascular coagulation. Glueck HI, et al. **JAMA** 225:28-31, 2 Jul 73

Immunoglobulin A (IgA) associated glomerulonephritis. Lowance DC, et al. **Kidney Int** 3:167-76, Mar 73

The role of phospholipids in haemophilia A. Kunz F, et al. **Klin Wochenschr** 50:1058-60, 15 Nov 72

F.D.P. Donati MB, et al. **Lancet** 2:1082-3, 18 Nov 72

F.D.P. Gaffney PJ. **Lancet** 2:1422, 30 Dec 72

Urinary fibrin-fibrinogen degradation products and acute renal-transplant rejection. Lameire N, et al. **Lancet** 2:160-1, 21 Jul 73

Aetiology of respiratory-distress syndrome. Pender CB. **Lancet** 1:598, 17 Mar 73

The one stage prothrombin test: a comparative study of a mechanized prothrombinmeter and manual testing. Fewell RG, et al. **Med Lab Technol** 29:147-51, Apr 72

The arginine content in fibrin clots and fibrinolysis in neoplastic diseases. Farbiszewski R, et al. **Neoplasma** 20:203-8, 1973

Defibrination in saline abortion. Schwartz R, et al. **Obstet Gynecol** 40:728-37, Nov 72

Extraction of calcium from blood fibrin with a solution of tetrasodium-ethylenediaminetetraacetate (Na4EDTA). Lin HJ, et al. **Poult Sci** 52:540-2, Mar 73

Isolation and characterization of the S-carboxymethyl derivatives of crosslinked and noncrosslinked human fibrin. McDonagh RP, et al. **Proc Natl Acad Sci USA** 69:3648-52, Dec 72

A serial dilution protamine sulphate test for detecting fibrin degradation products. Schorn D. **S Afr Med J** 47:263-5, 17 Feb 73

Studies on soluble fibrin in plasma. 3. N-terminal analysis of a modified fraction I (Cohn) from plasmin- and thrombin-incubated plasma. Kierulf P. **Scand J Clin Lab Invest** 31:43-9, Jan 73

Studies on soluble fibrin in plasma. II. N-terminal analysis of a modified fraction I (Cohn) from patient plasmas. Kierulf P. **Scand J Clin Lab Invest** 31:37-42, Jan 73

Fibrinaemia and multiple thrombi in pancreatic carcinoma. A case studied with quantitative N-terminal analysis. Kierulf P, et al. **Scand J Haematol** 9:370-6, 1972

Studies on platelets and fibrin during rejection of canine renal allografts. Claes G. **Scand J Urol Nephrol** 10:1-24, 1972

Complement and coagulation in Rocky Mountain spotted fever. Graybill JR, et al. **South Med J** 66:410-3, Apr 73

Evidence for abnormalities in clotting and thrombolysis as a risk factor for stroke. Pilgeram LO, et al. **Stroke** 4:643-57, Jul-Aug 73

Exchange transfusion experiments in rats inducing intravascular coagulation. Theiss W, et al. **Surg Gynecol Obstet** 135:713-6, Nov 72

Quantitation of fibrin deposition and elimination in organs of rats injected with labelled fibrinogen and albumin. Busch C, et al. **Thromb Diath Haemorrh** 29:94-107, 28 Feb 73

Amount of fibrin in different organs after intravenous, intraportal and intraaortal injection of thrombin in the rat. Busch C, et al. **Thromb Diath Haemorrh** 29:87-93, 28 Feb 73

On the early detection of intravascular coagulation. An experimental study. Fedder G, et al. **Thromb Diath Haemorrh** 27:365-76, 31 Jul 72

Thrombocytopenia caused by antigen-antibody reactions with special reference to intravascular coagulation. Fedder G, et al. **Thromb Diath Haemorrh** 27:452-60, 31 Jul 72

Parallel determinations of FDP and fibrin monomers with various methods. Hedner U, et al. **Thromb Diath Haemorrh** 28:268-79, 31 Oct 72

Comparison of ethanol and protamine tests in demonstration of soluble fibrin and early products of fibrin degradation. Konttinen YP, et al. **Thromb Diath Haemorrh** 28:342-50, 31 Dec 72

The paricipation of phospholipids in the extrinsic pathway of the coagulation process. Kunz F. **Thromb Diath Haemorrh** 27:655-7, 31 Jul 72

Structural alterations in fibrin clots with dextran. Muzaffar TZ, et al. **Thromb Diath Haemorrh** 28:257-67, 31 Oct 72

Studies on the activation of human factor XIII. Sheltawy MJ, et al. **Thromb Diath Haemorrh** 28:473-82, 31 Dec 72

Differences in the binding to fibrin of urokinase and tissue plasminogen activator. Thorsen S, et al. **Thromb Diath Haemorrh** 28:65-74, 31 Aug 72

A new method based on one dimensional diffusion using small glass tubes for the measurement of fibrinolytic activity. I. Fibrinolytic activity of plasmin and "euglobulin + streptokinase". Yasukouchi T, et al. **Thromb Diath Haemorrh** 28:329-41, 31 Dec 72

[Macroperiodical forms of filamentous proteins (compared with fibrin, fibrinoid and collagen)] Mifejovský P, et al. **Cesk Patol** 9:57-63, May 73 (Eng. Abstr.) **(Cze)**

[Fibrinolysis, fibrinogen and stability of fibrin in the

newborn infants] Hrodek O.
Cesk Pediatr 28:54-7, Feb 73 (Eng. Abstr.) (Cze)
[Immunohistochemical studies in lichen ruber] Baart de la Faille-Kuyp.
Ned Tijdschr Geneeskd 117:473, 17 Mar 73 (Dut)
[Serum complement level in Hodgkin's disease] Hamladji RM, et al.
Nouv Rev Fr Hematol 12:673-81, Sep-Oct 72 (Eng. Abstr.) (Fre)
[Electron microscopy study on the various stages of fibrin formation] Pouit, et al.
Thromb Diath Haemorrh 27:559-72, 31 Jul 72 (Eng. Abstr.) (Fre)
[Measurement of fibrinogen degradation products: its usefulness in consumption coagulopathies] Thuot C, et al.
Union Med Can 102:66-9, Jan 73 (Eng. Abstr.) (Fre)
[Fibrin deposits in lichen planus. A light-, immunfluorescence- and electron microscope study] Ebner H, et al.
Arch Dermatol Forsch 243:305-17, 1972 (Eng. Abstr.) (Ger)
[Efficiency and limits of laboratory diagnosis of diffuse intravascular blood coagulation processes] Heene DL, et al. **Internist (Berlin) 14:154-9, Apr 73 (Ger)**
[Efficiency and limits of fibrinolytic system function tests] Loo J van de.
Internist (Berlin) 14:170-4, Apr 73 (Ger)
[Disseminated intravascular coagulation as a hemorrhagic complication in surgery] Glassner K, et al. **Med Monatsschr 26:233-5, May 72 (Ger)**
[Diagnosis and therapy of consumption coagulopathy] Lechner K.
Wien Klin Wochenschr 85:467-70, 29 Jun 73 (Eng. Abstr.) (Ger)
[Morphometric studies of premature placentas with special reference to microfibrinoid depositions] Ehrhardt G, et al.
Zentralbl Gynaekol 94:1110-5, 26 Aug 72 (Ger)
[Quantitative determination of various constituents in placental villi] Gerl D, et al.
Zentralbl Gynaekol 95:8-11, 5 Jan 73 (Ger)
[Clinical signifcance of FDP in surgery] Ninomiya K.
Acta Haematol Jap 35:651, Oct 72 (Eng. Abstr.) (Jap)
[Assay methods and significance of fibrin-fibrinogen degradation products in blood] Shinada S.
Acta Haematol Jap 35:607-16, Oct 72 (Eng. Abstr.) (Jap)
[Studies on fibrinolytic activity in Behçet's disease. II. Fibrin degradation product] Saito K.
Acta Soc Ophthalmol Jap 77:693-8, Jul 73 (Eng. Abstr.) (Jap)
[Evaluation of staphylococcal clumping test and its clinical application] Nakazawa S, et al.
Jap J Clin Hematol 13:363-9, Jun 72 (Eng. Abstr.) (Jap)
[Determination of FDP by staphylococcal clumping test and the significance of the method in consumption coagulopathy] Yamada K, et al.
Jap J Clin Hematol 13:411-4, Jun 72 (Jap)
[Detection of fibrinogen and fibrin degradation products (FDP) and its clinical significance] Fujimaki M, et al.
Jap J Clin Med 31:798-804, Apr 73 (45 ref.) (Jap)
[Fibrinogen and fibrin determination in plasma and blood] Ivanov EP. **Lab Delo 9:517-21, 1972 (Rus)**
[Characteristics of nonenzymatic fibrinolytic activity and the formation of adrenaline-heparin and noradrenaline-heparin complexes in the blood in logoneurosis] Podol'skaia OV, et al.
Zh Nevropatol Psikhiatr 73:711-5, 1973 (Eng. Abstr.) (Rus)
[Levels of degradation products of fibrin in newborn infants] Joseph H.
Sangre (Barc) 18:45-7, 1973 (Eng. Abstr.) (Spa)
[Fibrinolytic activity of the urine in healthy persons] Belitskaia GA. **Fiziol Zh 19:254-6, Mar-Apr 73 (Ukr)**
[Ultraviolet fluorescence of fibrinogen fragment--an inhibitor of fibrin polymerization] Varents'ka TV.
Ukr Biokhim Zh 44:787-91, 1972 (Eng. Abstr.) (Ukr)
[Effect of physical activity on fibrinolytic processes in healthy subjects] Ciko Z.
Vojnosanit Pregl 29:494-7, Nov 72 (Cro)

ANTAGONISTS & INHIBITORS

The effect of thorotrast and cortisone on renal cortical fibrinolytic activity in the rabbit. Bergstein JM, et al.
Am J Pathol 71:113-8, Apr 73
Fibrinolytic activity evoked in the plasma of the normal and adrenalectomized rat by cellulose sulphate. Rosa AT, et al. **Br J Pharmacol 45:470-5, Jul 72**

BIOSYNTHESIS

Effects of Bothrops jararaca venom on fibrin formation in vitro. Ponari O, et al. **Arzneim Forsch 23:94-8, Jan 73**
Effects of Bothrops jararaca venom on fibrin formation in vitro. Ponari O, et al.
Australas Radiol 23:94-8, Jan 73
Bright's disease today: the pathogenesis and treatment of glomerulonephritis. 3. Cameron JS.
Br Med J 4:217-20, 28 Oct 72 (153 ref.)
Structural organization of the fibrinogen macromolecule related to the process of fibrin formation. Velican D.
Rev Roum Med Intern 9:419-36, 1972 (84 ref.)
Developments in transient hemorrhagic disorders. Rowe AJ, et al. **Tex Med 69:72-8, Feb 73 (78 ref.)**
Studies on fibrin formation and effects of dextran. Muzaffar TZ, et al.
Thromb Diath Haemorrh 28:244-56, 31 Oct 72
[Toxic pulmonary edema. A review and report of 2 cases of poisoning with nitrous gases] Verder H, et al.
Ugeskr Laeger 134:1937-43, 11 Sep 72 (Eng. Abstr.) (Dan)
[Fixation of toluene 2-4 diisocyanate treated ferritin to fibrin fibers. Electron microscope study] Hudry-Clergeon G, et al.
Pathol Biol (Paris) Suppl:41-6, Dec 72 (Eng. Abstr.) (Fre)
[Fibrin polymerization inhibition by ferritin] Bungert HJ. **Blut 27:20-5, Jul 73 (Eng. Abstr.) (Ger)**

BLOOD

Immunoelectrophoretic study on the Postmortem cadaver blood in sudden death. Haba K.
Acta Haematol Jap 34:219-27, Apr 71
[The condition of the interstitial ground substance of connective tissue in late toxemias of pregnancy] Mironenko AP.
Vopr Okhr Materin Det 17:65-7, Jun 72 (Eng. Abstr.) (Rus)

CEREBROSPINAL FLUID

The use of antifibrinolytic drugs to prevent early recurrent aneurysmal subarachnoid haemorrhage. Tovi D. **Acta Neurol Scand 49:163-75, 1973**
Fibrinolysis and subarachnoid haemorrhage. Inhibitory effect of tranexamic acid. A clinical study. Tovi D, et al. **Acta Neurol Scand 48:393-402, 1972**
Increased fibrinolytic activity and fibrin degradation products after experimental intracerebral haemorrhage. Tovi D, et al.
Acta Neurol Scand 48:403-15, 1972
Monitoring antifibrinolytic therapy in subarachnoid hemorrhage. Smith RR, et al.
J Neurosurg 38:339-44, Mar 73

CHEMICAL SYNTHESIS

[Study of transparent fibrin gels by fluorescence depolarization] Demchenko AP, et al.
Ukr Biokhim Zh 44:354-60, 1972 (Eng. Abstr.) (Ukr)

DIAGNOSTIC USE

Methodology for the control of thrombolytic therapy. Alkjaersig N. **J Clin Pathol 25:625-6, Jul 72**

ISOLATION & PURIFICATION

Human fibrinogen free of factor XIII: the pursuit of biological zero. Finlayson JS.
Ann NY Acad Sci 202:149-54, 8 Dec 72
Leukofibrinolysis. Lewis JH, et al.
Blood 40:844-55, Dec 72
[Fibrin monomers and the Sanarellis-Schwartzman phenomenon] Müller-Berghaus G, et al.
Verh Dtsch Ges Inn Med 77:161-4, 1971 (Ger)

METABOLISM

The accumulation and distribution of platelets and fibrin in rejecting dog kidneys. Claes G, et al.
Acta Chir Scand 139:91-9, 1973
Fibrinolysis in human malignant tumours. Peterson HI, et al. **Acta Chir Scand 139:219-23, 1973**

Post-operative venous thrombosis. A clinical and experimental study with special reference to early diagnosis, prophylaxis, course and some haematological findings. Becker J. **Acta Chir Scand [Suppl]** 431:1-38, 1972

The use of antifibrinolytic drugs to prevent early recurrent aneurysmal subarachnoid haemorrhage. Tovi D. **Acta Neurol Scand** 49:163-75, 1973

Fibrinolytic activity of the cerebrospinal fluid after subarachnoid haemorrhage. Tovi D, et al. **Acta Neurol Scand** 49:1-9, 1973

Fibrinolytic activity of veins in the puerperium. Astedt B. **Acta Obstet Gynecol Scand** 51:325-8, 1972

Fibrin degradation products during postoperative radiotherapy of ovarian carcinoma. Svanberg L, et al. **Acta Obstet Gynecol Scand** 52:141-5, 1973

Fibrin degradation products and plasminogen in newborn infants with respiratory disturbances and postnatal asphyxia. Ekelund H, et al. **Acta Paediatr Scand** 61:661-9, Nov 72

Fibrinolytic activity of renal transplants in rabbits relation to graft thrombosis and necrosis. Myhre-Jensen O, et al. **Acta Pathol Microbiol Scand [A]** 80:651-8, 1972

Evaluation of three methods for plasma fibrinogen determination. Stevens DJ, et al. **Am J Clin Pathol** 60:182-7, Aug 73

Endotoxin shock in the dog. Alterations in hemodynamic and hematologic parameters during bolus and infusion studies. Petrucco O, et al. **Am J Obstet Gynecol** 114:1060-5, 15 Dec 72

Role of fibrin in a model of pregnancy toxemia in the rabbit. Wardle EN, et al. **Am J Obstet Gynecol** 115:17-26, 1 Jan 73

Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA. **Ann Clin Lab Sci** 1:139-54, Sep-Oct 71 (46 ref.)

Fibrin degradation products in rheumatoid arthritis. Bennett RM, et al. **Ann Rheum Dis** 31:388-92, Sep 72

Elimination of fibrinogen from synovial joints. Harrold AJ. **Ann Rheum Dis** 32:29-34, Jan 73

Nature and biological activities of degradation products of fibrinogen and fibrin. Kwaan HC, et al. **Annu Rev Med** 24:335-44, 1973 (76 ref.)

Heparin therapy in meningococcal septicaemia. Hunter J. **Arch Dis Child** 48:233-5, Mar 73

Fibrinolytic split products. A clinicopathological correlative study in adults with lupus glomerulonephritis and various renal diseases. Bond RE, et al. **Arch Intern Med** 132:182-7, Aug 73

Intravascular coagulation and glycerin hemoglobinuric acute renal failure. Wardle EN, et al. **Arch Pathol** 95:271-5, Apr 73

Local and generalized Shwartzman reaction induced in rats with 6-sulfanilamidoindazole arthritis. Ward JR, et al. **Arthritis Rheum** 16:491-8, Jul-Aug 73

Fibrinolysis and haemostasis. Castaldi PA, et al. **Aust NZ J Med** 2:113-7, May 72

Plasma fibrinogen concentrations after intravenous administration of fibrinopeptides to rats. Ittyerah TR, et al. **Biochem J** 128:733-4, Jul 72

Treatment of thrombotic thrombocytopenic purpura with antiplatelet drugs. Amir J, et al. **Blood** 42:27-33, Jul 73

The ultrastructural morphology of air embolism: platelet adhesion to the interface and endothelial damage. Warren BA, et al. **Br J Exp Pathol** 54:163-72, Apr 73

The fate of the factor-13-mediated fibrin crosslinks during clot lysis. Gaffney PJ. **Br J Haematol** 25:277, Aug 73

Serum and urine fibrinogen-fibrin-related antigen (F.R.-antigen) levels in renal disease. Briggs JD, et al. **Br Med J** 4:82-5, 14 Oct 72

Glomerular deposition of properdin in Henoch-Schönlein syndrome and idiopathic focal nephritis. Evans DJ, et al. **Br Med J** 3:326-8, 11 Aug 73

Fibrinogen-fibrin degradation product levels in different types of intravascular haemolysis. Slater SD, et al. **Br Med J** 3:471-3, 1 Sep 73

Disseminated intravascular coagulation with thymoma-associated Cushing's syndrome. Sworn MJ, et al. **Br Med J** 2:343-4, 12 May 73

Serum and urine F.R.-antigen in renal disease. Wardle EN. **Br Med J** 4:427-8, 18 Nov 72

Erythrocyte sedimentation rate in hyperlipidaemia. Wardle EN. **Br Med J** 3:109, 14 Jul 73

Studies on the blood fibrinolytic system in congestive cardiac failure. Rawles JM, et al. **Clin Sci** 45:65-76, Jul 73

Release of fibrinolytic activators from human tumours cultured in vitro. Björlin G, et al. **Experientia** 28:833-4, 15 Jul 72

Coagulation studies in acute hepatic failure. Tucker JS, et al. **Gut** 14:418, May 73

Augmentation of endotoxin-induced fibrin deposits by pregnancy and estrogen-progesterone treatment. Beller FK, et al. **Gynecol Invest** 3:176-83, 1972

Laboratory investigations of the dic syndrome. Temperley IJ, et al. **Ir J Med Sci** 83-96, May 73

Increased plasminogen activator (urokinase) in tissue culture after fibrin deposition. Bernik MB. **J Clin Invest** 52:823-34, Apr 73

Detection of fibrinogen-fibrin degradation products by counterelectrophoresis. Brody JI. **J Clin Pathol** 25:754-6, Sep 72

Identification of intrarenal fibrin deposition. Davison AM, et al. **J Clin Pathol** 26:102-12, Feb 73

The role of fibrin deposition in diabetic glomerulosclerosis: a light, electron and immunofluorescence microscopy study. Farquhar A, et al. **J Clin Pathol** 25:657-67, Aug 72

The detection of fibrinogen-fibrin degradation products by means of a new antibody-coated latex particle. Garvey MB, et al. **J Clin Pathol** 25:680-2, Aug 72

Intravascular coagulation and renal failure in E. coli septicaemia. Preston FE, et al. **J Clin Pathol** 25:1006-7, Nov 72

A technique for demonstrating fibrinolysis by cutaneous bacteria. Somerville DA. **J Clin Pathol** 25:740-1, Aug 72

Role of the clotting system in cell-mediated hypersensitivity. I. Fibrin deposition in delayed skin reactions in man. Colvin RB, et al. **J Exp Med** 138:686-98, 1 Sep 73

Degradation products of fibrinogen and fibrin in bacteremia due to gram-negative rods. Satterwhite TK, et al. **J Infect Dis** 127:437-41, Apr 73

Characterization and significance of urinary fibrin degradation products. Cortes P, et al. **J Lab Clin Med** 82:377-89, Sep 73

Inhibition of the platelet-dependent fibrin retraction by the fibrin stabilizing factor (FSF, factor 13). Niewiarowski S, et al. **J Lab Clin Med** 81:641-50, May 73

The effect of saline loading on endotoxin-induced disseminated intravascular coagulation. Theiss W, et al. **J Lab Clin Med** 81:431-42, Mar 73

Platelet response and coagulation changes following massive blood replacement. Lim RC Jr, et al. **J Trauma** 13:577-82, Jul 73

Abortion and coagulation by prostaglandin. Intra-amniotic dinoprost tromethamine effect on the coagulation and fibrinolytic systems. Bell WR, et al. **JAMA** 225:1082-4, 27 Aug 73

Cellular aspects of rabbit Masugi nephritis. II. Progressive glomerular injuries with crescent formation. Kondo Y, et al. **Lab Invest** 27:620-31, Dec 72

F.D.P. Astedt B, et al. **Lancet** 2:1312, 16 Dec 72

Serum fibrin-fibrinogen degradation products in acute myocardial infarction. Baele G, et al. **Lancet** 1:689-90, 25 Mar 72

Urinary excretion of heterophile (sheep) haemagglutinins and fibrin-fibrinogen degradation products after renal transplantation and in proliferative glomerulonephritis. Hoq MS, et al. **Lancet** 1:1029-31, 12 May 73

Rapid latex-screening test for detection of fibrin-fibrinogen degradation products in urine after renal transplantation. Hulme B, et al. **Lancet** 1:6-8, 6 Jan 73

Consumption coagulopathy in congenital heart-disease. Ihenacho HN, et al. **Lancet** 1:231-4, 3 Feb 73

Increased urinary fibrinogen derivatives after renal allotransplantation. Naish P, et al. **Lancet** 1:1280-2, 9 Jun 73

Intravascular coagulation and pre-eclamptic toxaemia. Wardle EN. **Lancet** 1:694-5, 25 Mar 72

Urinary fibrin-degradation products and the site of urinary infection. Whitworth JA, et al. **Lancet** 1:234-5, 3 Feb 73

F.D.P. **Lancet** 2:957-8, 4 Nov 72

Proteolytic activity of leukemic cells--a new differential diagnostic method in acute leukemia. Kirchmayer S, et al. **Mater Med Pol** 3:7-9, Jan-Mar 71

Saline extractable acid mucopolysaccharides of human aorta in relation to age, sex and atherosclerosis. Lipiński B, et al. **Mater Med Pol** 4:19-22, Jan-Mar 72

Diagnosis of hemorrhagic disorders. Nemerson Y. **Med Clin North Am** 57:531-41, Mar 73 (30 ref.)

The fine structure of normal and rheumatoid synovial membrane. Davies DV, et al.
Mod Trends Rheumatol 2:1-20, 1971

Defibrination in saline abortion. Schwartz R, et al.
Obstet Gynecol 40:728-37, Nov 72

Isolation and characterization of the S-carboxymethyl derivatives of crosslinked and noncrosslinked human fibrin. McDonagh RP, et al.
Proc Natl Acad Sci USA 69:3648-52, Dec 72

The tissue factor pathway of blood coagulation. Nemerson Y, et al.
Prog Hemostasis Thromb 1:1-37, 1972 (171 ref.)

A serial dilution protamine sulphate test for detecting fibrin degradation products. Schorn D.
S Afr Med J 47:263-5, 17 Feb 73

Studies on soluble fibrin in plasma. 3. N-terminal analysis of a modified fraction I (Cohn) from plasmin- and thrombin-incubated plasma. Kierulf P.
Scand J Clin Lab Invest 31:43-9, Jan 73

Significance of intravascular coagulation and fibrinolysis in acute hepatic failure. Hillenbrand P, et al. **Scand J Gastroenterol [Suppl] 19:133-4, 1973**

Fibrin degradation products in serum and urine in patients with renal carcinoma. Carlsson S, et al.
Scand J Urol Nephrol 7:43-9, 1973

Pseudointimal development on microporous polyurethane lattices. Berkowitz HD, et al.
Surgery 72:888-96, Dec 72

Quantitation of fibrin deposition and elimination in organs of rats injected with labelled fibrinogen and albumin. Busch C, et al.
Thromb Diath Haemorrh 29:94-107, 28 Feb 73

Quantitation of fibrin deposition and elimination in organs of rats injected with labelled fibrinogen by isolation of the labelled fibrin from water soluble tracer. Busch C, et al.
Thromb Diath Haemorrh 29:108-14, 28 Feb 73

Measurement of fibrin proteolysis in vivo by a radioactive fibrin-millipore tube technique. Cihak RW, et al. **Thromb Diath Haemorrh 27:634-43, 31 Jul 72**

Fibrin-I degradation products with a molecular weight higher than that of fibrinogen. Identification and characterization of in vitro products from human plasma. Hugo R von, et al.
Thromb Diath Haemorrh 29:122-9, 28 Feb 73

Comparison of ethanol and protamine tests in demonstration of soluble fibrin and early products of fibrin degradation. Konttinen YP, et al.
Thromb Diath Haemorrh 28:342-50, 31 Dec 72

Filipin as a tool for the study of blood coagulation reactions. Plas PM van der, et al.
Thromb Diath Haemorrh 27:584-93, 31 Jul 72

Fibrinogen Troyes--fibrinogen Metz. Two new cases of congenital dysfibrinogenemia. Soria J, et al.
Thromb Diath Haemorrh 27:619-33, 31 Jul 72

Differences in the binding to fibrin of urokinase and tissue plasminogen activator. Thorsen S, et al.
Thromb Diath Haemorrh 28:65-74, 31 Aug 72

Serum fibrin degradation products in the diagnosis of transplantation rejection. Bennett NM, et al.
Transplantation 14:311-6, Sep 72

Fibrin degradation products in renal parenchymal disease states and renal transplant patients. Shah BC, et al. **Transplantation 14:705-10, Dec 72**

Quantitative determination of fibrin deposition in organs of rats in the early post-burn period. Rammer L. **Z Rechtsmed 71:114-9, 28 Nov 72**

[Disseminated intravascular coagulation (DIC). II. Spontaneous DIC in dogs] Slappendel RJ, et al.
Tijdschr Diergeneeskd 98:615-31, 1 Jul 73 (Dut)

[Determination of fibrinogen and fibrin degradation products (DFP) in the acute stage of myocardial infarction] Baele G, et al.
Arch Mal Coeur 66:427-9, Apr 73 (Eng. Abstr.) (Fre)

[Defibrinating effect in dogs of FTH 50 (thrombinomimetic fraction of reptilase)] Follana R, et al. **C R Soc Biol (Paris) 166:1341-5, 1972 (Fre)**

[Fibrinogen. Hereditary hypo--and dysfibrinogenemia] Gajdos A.
Nouv Presse Med 2:1067-71, Apr 73 (30 ref.) (Fre)

[Fibrin polymerization inhibition by ferritin] Bungert HJ. **Blut 27:20-5, Jul 73 (Eng. Abstr.) (Ger)**

[Demonstration of fibrin in lichen ruber planus with an enzyme-antiserum conjugate] Ebner H, et al.
Dermatologica 146:101-6, 1973 (Eng. Abstr.) (Ger)

[Efficiency and limits of laboratory diagnosis of diffuse intravascular blood coagulation processes] Heene DL, et al. **Internist (Berlin) 14:154-9, Apr 73 (Ger)**

[Disturbed fibrin stabilization in chronic kidney diseases] Popat D, et al.
Med Welt 23:1806-8, 25 Nov 72 (Ger)

[Fibrinogen-fibrin degradation products in the urine. Measurement and characterization by means of electroimmunodiffusion (rapid method)] Thöni RF, et al.
Schweiz Med Wochenschr 103:965-9, 7 Jul 73 (Eng. Abstr.) (Ger)

[Studies on FDP fragments and paracoagulation] Fujimaki M, et al.
Acta Haematol Jap 35:617-27, Oct 72 (Eng. Abstr.) (Jap)

[Fibrinogen-fibrin degradation products (FDP) in patients with various diseases] Matsuda T.
Acta Haematol Jap 35:628-36, Oct 72 (Eng. Abstr.) (Jap)

[FDP in obstetrics and gynecology] Nagayama M.
Acta Haematol Jap 35:637-41, Oct 72 (Eng. Abstr.) (Jap)

[Clinical signifcance of FDP in surgery] Ninomiya K.
Acta Haematol Jap 35:651, Oct 72 (Eng. Abstr.) (Jap)

[Assay methods and significance of fibrin-fibrinogen degradation products in blood] Shinada S.
Acta Haematol Jap 35:607-16, Oct 72 (Eng. Abstr.) (Jap)

[FDP levels in pregnancy and delivery with special reference to the placental lesions] Soma H, et al.
Acta Haematol Jap 35:642-5, Oct 72 (Eng. Abstr.) (Jap)

[FDP in newborn period. Especially the FDP and fibrin monomers in respiratory distress syndrome of premature infants] Yamada K, et al.
Acta Haematol Jap 35:646-50, Oct 72 (Eng. Abstr.) (Jap)

[Studies on fibrinolytic activity in Behçet's disease. II. Fibrin degradation product] Saito K.
Acta Soc Ophthalmol Jap 77:693-8, Jul 73 (Eng. Abstr.) (Jap)

[Detection of fibrinogen and fibrin degradation products (FDP) and its clinical significance] Fujimaki M, et al.
Jap J Clin Med 31:798-804, Apr 73 (45 ref.) (Jap)

[Fibrinogen and fibrin degradation products] Fujimaki M, et al. **Jap J Clin Pathol 21:31-6, Jan 73 (42 ref.) (Jap)**

[Disseminated intravascular coagulation] Maekawa T.
Jap J Clin Pathol 21:24-30, Jan 73 (7 ref.) (Jap)

[Soluble fibrin monomers complexes, fibrinolytic activity and fibrin degradation products in experimental hyperglycemia and hypoglycemia] Kleniewski J.
Pol Arch Med Wewn 49:337-43, Oct 72 (Eng. Abstr.) (Pol)

[Coagulopathy in periarteritis nodosa] Krug H, et al.
Pol Arch Med Wewn 49:591-5, Dec 72 (Eng. Abstr.) (Pol)

[Alpha-1-antitrypsin of blood serum: its biochemical properties, inborn deficiencies and biological functions] Koj A.
Przegl Lek 29:699-705, 1972 (76 ref.) (Pol)

[Soluble fibrin and fibrinogen degradation products in the blood of patients with rheumatoid arthritis] Starchurska J, et al.
Reumatologia 10:303-13, 1972 (Eng. Abstr.) (Pol)

[Soluble fibrin and fibrinogen degradation products in rat's blood in Freund's adjuvant-induced experimental polyarthritis] Szpilman H, et al.
Reumatologia 10:297-302, 1972 (Eng. Abstr.) (Pol)

[The role of local factors in the genesis of obstructive thromboses in atherosclerosis] Velican D.
Stud Cercet Med Interna 14:127-41, 1973 (76 ref.) (Eng. Abstr.) (Rum)

[Pathohistological and histochemical changes in the kidneys in diabetic glomerulosclerosis] Skopichenko NF. **Vrach Delo 2:29-36, Feb 72 (Eng. Abstr.) (Rus)**

[Spontaneous fibrinolytic activity in healthy persons and in individuals with ischemic heart disease] Ciko Z.
Vojnosanit Pregl 29:386-9, Sep 72 (Cro)

PHARMACODYNAMICS

[Influence of soluble complexes on some functions of the platelets] Kubisz P.
Vnitr Lek 18:833-7, Sep 72 (Eng. Abstr.) (Cze)

[Fibrin polymerization inhibition by ferritin] Bungert HJ. **Blut 27:20-5, Jul 73 (Eng. Abstr.) (Ger)**

PHYSIOLOGY

The role of platelets in arterial and venous thrombosis. Thomas DP. **Adv Exp Med Biol 34:23-42, 1972 (74 ref.)**

Hereditary aspects of fibrin cross-linking. Hampton JW, et al. **Ann NY Acad Sci** 202:204-12, 8 Dec 72
Platelet interaction with fibrinogen and fibrin: comparison of the interaction of platelets with that of fibroblasts, leukocytes, and erythrocytes. Niewiarowski S, et al. **Ann NY Acad Sci** 201:72-83, 27 Oct 72
Fibrin cross-linkage, thrombosis and pregnancy. Padar E. **Ann NY Acad Sci** 202:230-4, 8 Dec 72
Fibrin cross-linking and heredity. Ratnoff OD, et al. **Ann NY Acad Sci** 202:186-9, 8 Dec 72
The effect of oral contraceptives on fibrin-clot stabilization. Shanberge JN, et al. **Ann NY Acad Sci** 202:220-9, 8 Dec 72
Induction of experimental arterial occlusive thrombi in rats. Hornstra G, et al. **Atherosclerosis** 17:369-82, May-Jun 73
Dynamic viscoelastic study of the formation of fibrin networks in fibrinogen-thrombin systems and plasma. Kaibara M. **Biorheology** 10:61-73, Mar 73
Viscoelastic properties of fibrin clots. Roberts WW, et al. **Biorheology** 10:29-42, Mar 73
Fibrin monomer and platelet aggregation in vitro and in vivo. Müller-Berghaus G, et al. **Br J Haematol** 23:177-88, Aug 72
Fibrinolytic activity evoked in the plasma of the normal and adrenalectomized rat by cellulose sulphate. Rosa AT, et al. **Br J Pharmacol** 45:470-5, Jul 72
Coagulation problems. Czapek EE. **Int Anesthesiol Clin** 11:175-201, Summer 73 (66 ref.)
[Use of new methods for studies of blood coagulation. II. Clot-sedimentation-technic for the determination of antithrombin I effect of fibrin] Dolesobel W. **Wien Med Wochenschr** 122:585-90, 7 Oct 72 (Ger)
[Morphometric studies of premature placentas with special reference to microfibrinoid depositions] Ehrhardt G, et al. **Zentralbl Gynaekol** 94:1110-5, 26 Aug 72 (Ger)
[Disseminated intravascular coagulation] Amir J. **Harefuah** 83:29-32, 2 Jul 72 (20 ref.) (Heb)

SECRETION

Shock. McGovern VJ. **Pathol Annu** 6:279-98, 1971 (57 ref.)

THERAPEUTIC USE

[Clinical experience with fibrin-pyelotomy] Burchardt P, et al. **Urologie [A]** 11:221-4, Jul 72 (Ger)

URINE

Platelet factor-4--properties and clinical significance. Donati MB, et al. **Adv Exp Med Biol** 34:173-89, 1972
Urinary FDP in children with renal disease. Uttley W. **Arch Dis Child** 48:326, Apr 73
Estimating fibrin products in urine. Wardle EN, et al. **Br Med J** 4:363, 11 Nov 72
Identification of intrarenal fibrin deposition. Davison AM, et al. **J Clin Pathol** 26:102-12, Feb 73
Intravascular coagulation and E. coli septicaemia. Preston FE, et al. **J Clin Pathol** 26:120-5, Feb 73
Characterization and significance of urinary fibrin degradation products. Cortes P, et al. **J Lab Clin Med** 82:377-89, Sep 73
Rapid latex-screening test for urine F.D.P. Cash JD, et al. **Lancet** 1:153-4, 20 Jan 73
Latex-screening test for urinary F.D.P. Clarkson AR. **Lancet** 1:109, 13 Jan 73
Urinary excretion of heterophile (sheep) haemagglutinins and fibrin-fibrinogen degradation products after renal transplantation and in proliferative glomerulonephritis. Hoq MS, et al. **Lancet** 1:1029-31, 12 May 73
Rapid latex-screening test for detection of fibrin-fibrinogen degradation products in urine after renal transplantation. Hulme B, et al. **Lancet** 1:6-8, 6 Jan 73
Urinary fibrin-fibrinogen degradation products and acute renal-transplant rejection. Lameire N, et al. **Lancet** 2:160-1, 21 Jul 73
Urinary fibrin-degradation products and the site of urinary infection. Whitworth JA, et al. **Lancet** 1:234-5, 3 Feb 73
F.D.P. **Lancet** 2:957-8, 4 Nov 72
Fibrin degradation products in serum and urine in patients with renal carcinoma. Carlsson S, et al. **Scand J Urol Nephrol** 7:43-9, 1973
Fibrin degradation products in renal parenchymal disease states and renal transplant patients. Shah BC, et al. **Transplantation** 14:705-10, Dec 72
[Fibrinogen-fibrin degradation products in the urine. Measurement and characterization by means of electroimmunodiffusion (rapid method)] Thöni RF, et al. **Schweiz Med Wochenschr** 103:965-9, 7 Jul 73 (Eng. Abstr.) (Ger)

FIBRIN FOAM

Growth pattern of meningeomas penetrating the skull base. Saksela E, et al. **Acta Otolaryngol (Stockh)** 74:363-70, Nov 72
Cellular fibrinolytic activity of human alveolar bone. Birn H, et al. **Int J Oral Surg** 1:121-5, 1972
Fibrinolytic activity of human synovial membranes in health and in haemophilia. Pandolfi M, et al. **Scand J Haematol** 9:572-6, 1972
[Fibrin foam as filling material for defects in the surgery of the salivary gland. Animal experiments and clinical results] Jung H, et al. **Arch Klin Exp Ohren Nasen Kehlkopfheilkd** 204:105-14, 30 Jul 73 (Eng. Abstr.) (Ger)

ADVERSE EFFECTS

[Fibrin foam as filling material for defects in the surgery of the salivary gland. Animal experiments and clinical results] Jung H, et al. **Arch Klin Exp Ohren Nasen Kehlkopfheilkd** 204:105-14, 30 Jul 73 (Eng. Abstr.) (Ger)

DIAGNOSTIC USE

Fibrinolytic acivity in lung tissue from neonates with hyaline membrane disease. Ekelund H, et al. **Acta Paediatr Scand** 62:149-57, Mar 73

FIBRINOGEN

The action of Atromid-S on lipids and other plasma factors which may be involved in arterial thrombosis. Cotton RC. **Acta Cardiol (Brux) Suppl** 25:163-7, 1972 (33 ref.)
The immunopathology of lupus erythematosus: a comparison of immunohistochemical techniques. I. Immunofluorescence. Tuffanelli DL. **Adv Biol Skin** 11:287-94, 1971
The functional physiology of blood platelets. Born GV. **Adv Exp Med Biol** 34:3-21, 1972 (64 ref.)
Platelet factor-4--methods of study. Donati MB, et al. **Adv Exp Med Biol** 34:295-308, 1972
In vitro platelet adhesiveness. Methods of study and clinical significance. Meyer D. **Adv Exp Med Biol** 34:123-47, 1972
Gel filtration of blood platelets: a methodological report. Tangen O, et al. **Adv Exp Med Biol** 34:235-43, 1972
Fibrinolysis in retinal vein occlusions. A preliminary report. Höhmann R, et al. **Albrecht von Graefes Arch Klin Ophthalmol** 187:327-40, 1973
Disseminated intravascular coagulation. Pierce LE. **Am Fam Physician** 7:118-25, Feb 73
Cryofibrinogenemia: incidence, clinical correlations, and a review of the literature. Smith SB, et al. **Am J Clin Pathol** 58:524-30, Nov 72
Coagulation changes in saline-induced abortion. Laros RK Jr, et al. **Am J Obstet Gynecol** 116:271-6, 15 May 73
Adenosine diphosphate-induced platelet aggregation in healthy women with and without a combined and sequential contraceptive pill. Zahavi J, et al. **Am J Obstet Gynecol** 117:107-13, 1 Sep 73
Interaction of angiotensin with disseminated intravascular coagulation: a possible mechanism in the genesis of acute renal failure. Whitaker AN, et al. **Am J Pathol** 72:1-12, Jul 73
Effects of autotransfusion on blood elements. Bennett SH, et al. **Am J Surg** 125:273-9, Mar 73
Jaundice following cardiopulmonary by-pass. Larmi TK. **Ann Chir Gynaecol Fenn** 62:2-8, 1973
Fibrinogen and the fibrinogenopathies. Morse EE. **Ann Clin Lab Sci** 1:155-61, Sep-Oct 71 (30 ref.)
Intravascular coagulation-fibrinolysis (ICF) syndrome. Owen CA Jr, et al. **Ann Clin Lab Sci** 2:26-30, Jan-Feb 72
Anaphylactoid purpura, cold exposure, and cryofibrinogenemia. Griswold WR, et al. **Ann Intern Med** 78:611, Apr 73

The molecular structure of fibrinogen. Blombäck B, et al. **Ann NY Acad Sci** 202:77-97, 8 Dec 72 (54 ref.)
Physiological inhibition of factor XIII. Cataldo F de, et al. **Ann NY Acad Sci** 202:341-3, 8 Dec 72
Degradation of stabilized and nonstabilized fibrin clots by plasmin: an immunological study. Gormsen J, et al. **Ann NY Acad Sci** 202:329-34, 8 Dec 72
Our ancient heritage in blood clotting and some of its consequences. Laki K. **Ann NY Acad Sci** 202:297-307, 8 Dec 72
Some thoughts on the state in nature, biosynthetic origin, and function of factor XIII. Loewy AG. **Ann NY Acad Sci** 202:41-58, 8 Dec 72
Titration of the acceptor cross-linking sites in fibrin. Lorand L, et al. **Ann NY Acad Sci** 202:155-71, 8 Dec 72
Cross-linking of fibrin by fibrin=stabilizing factor. McKee PA, et al. **Ann NY Acad Sci** 202:127-48, 8 Dec 72 (37 ref.)
Modification of platelet function. Mustard JF, et al. **Ann NY Acad Sci** 201:343-59, 27 Oct 72
Epsilon-(gamma-glutamyl) lysine cross-links: determination in fibrin from normal and factor XIII-deficient individuals. Pisano JJ, et al. **Ann NY Acad Sci** 202:98-113, 8 Dec 72
Tissue transamidases, fibrin stabilization and clot lysis. Tyler HM. **Ann NY Acad Sci** 202:273-85, 8 Dec 72 (39 ref.)
Salicylate-induced consumption coagulopathy. Pinedo HM, et al. **Ann Rheum Dis** 32:66-8, Jan 73
Fresh autologous blood transfusions with extracorporeal circulation. Ochsner JL, et al. **Ann Surg** 177:811-7, Jun 73
Elimination of repeated clot formation in mouse ascitic fluid containing arbovirus antibodies. Chiewsilp D, et al. **Appl Microbiol** 24:288-9, Aug 72
Equilibria in the fibrinogen-fibrin conversion. IX. Effects of calcium ions on the reversible polymerization of fibrin monomer. Endres GF, et al. **Arch Biochem Biophys** 153:266-78, Nov 72
Respiratory and coagulation changes after uncomplicated fractures. Wilson RF, et al. **Arch Surg** 106:395-9, Apr 73
Local and generalized Shwartzman reaction induced in rats with 6-sulfanilamidoindazole arthritis. Ward JR, et al. **Arthritis Rheum** 16:491-8, Jul-Aug 73
Effect of buformin on fibrinolytic activity in rheumatoid arthritis. Ghanem MH, et al. **Arzneim Forsch** 22:1487-9, Sep 72
Effects of Bothrops jararaca venom on fibrin formation in vitro. Ponari O, et al. **Arzneim Forsch** 23:94-8, Jan 73
Effects of Bothrops jararaca venom on fibrin formation in vitro. Ponari O, et al. **Australas Radiol** 23:94-8, Jan 73
The secretion of fibrinolysin by cultured rat ovarian tumor cells. Yunis AA, et al. **Biochem Biophys Res Commun** 52:1003-12, 8 Jun 73
Inhibition of the thrombin-fibrinogen reaction by a macromolecular factor from rat liver. Flengsrud R, et al. **Biochem J** 129:83-9, Aug 72
On the reaction of purified bovine thrombin with N-acetylimidazole. Lundblad RL, et al. **Biochemistry** 12:409-13, 30 Jan 73
Studies of radioiodinated fibrinogen. I. Physicochemical properties of the ICl, chloramine-T, and electrolytic reaction products. Krohn K, et al. **Biochim Biophys Acta** 285:404-13, 28 Dec 72
Electron microscopy study of positive charges on fibrin fibres. Pouit L, et al. **Biochim Biophys Acta** 317:99-105, 12 Jul 73
On the physiological role of 2 -macroglobulin. Rinderknecht H, et al. **Biochim Biophys Acta** 295:233-44, 25 Jan 73
Proteinase inhibitors in human synovial fluid. Shtacher G, et al. **Biochim Biophys Acta** 303:138-47, 23 Mar 73
Copper ion binding and heparin interactions of human fibrinogen. Lages B, et al. **Biopolymers** 12:961-74, May 73
Dynamic viscoelastic study of the formation of fibrin networks in fibrinogen-thrombin systems and plasma. Kaibara M. **Biorheology** 10:61-73, Mar 73
The zeta sedimentation ratio. Bull BS, et al. **Blood** 40:550-9, Oct 72
Direct assessment of platelet adhesion to glass: a study of the forces of interaction and the effects of plasma and serum factors, platelet function, and modification of the glass surface. George JN. **Blood** 40:862-74, Dec 72
The metabolic and endocrine response to injury: a review. Johnston ID. **Br J Anaesth** 45:252-5, Mar 73 (15 ref.)
The management of deep venous thrombosis. I. Diagnosis. Edwards IR, et al. **Br J Dermatol** 87:518-22, Nov 72 (37 ref.)
The skin in disseminated intravascular coagulation. Prospective analysis of thirty-six cases. Robboy SJ, et al. **Br J Dermatol** 88:221-9, Mar 73
Coagulation factor variants. Bloom AL. **Br J Haematol** 23:643-7, Dec 72 (34 ref.)
The influence of electrical stimulation of the leg during surgical operations on the subsequent development of deep-vein thrombosis. Dejode LR, et al. **Br J Surg** 60:31-2, Jan 73
The coagulum pyelolithotomy. Patel VJ. **Br J Surg** 60:230-6, Mar 73
Serum and urine fibrinogen-fibrin-related antigen (F.R.-antigen) levels in renal disease. Briggs JD, et al. **Br Med J** 4:82-5, 14 Oct 72
Behçet's disease with decreased fibrinolysis and superior vena caval occlusion. Chajek T, et al. **Br Med J** 1:782-3, 31 Mar 73
Clinical and laboratory double-blind investigation on effect of fibrinolytic therapy in patients with cutaneous vasculitis. Dodman B, et al. **Br Med J** 2:82-4, 14 Apr 73
Pathogenetic mechanisms in dengue haemorrhagic fever: report of an international collaborative study. **Bull WHO** 48:117-33, 1973
The binding of protoporphyrin to serum proteins. Mareček Z, et al. **Clin Chim Acta** 45:409-13, 30 May 73
Thromboembolism in pelvic surgery. Mattingly RF, et al. **Clin Obstet Gynecol** 16:162-94, Jun 73
The mechanism of action of vasoactive agents on the blood clotting and fibrinolysis. Mishchenko VP, et al. **Cor Vasa** 14:228-38, 1972
Hyrdodynamics of Holter ventriculo-atrial shunt systems under various conditions. Veen PH van der. **Dev Med Child Neurol [Suppl]** 27:132-9, 1972
Acid, neutral and alkaline cathepsins in normal and diseased human muscle. Kar NC, et al. **Enzyme** 13:188-96, 1972
Chemical and immunological properties of reduced and alkylated polypeptide chains of bovine fibrinogen. Gollwitzer R, et al. **Eur J Biochem** 28:497-506, 4 Aug 72
The neutral proteases of human granulocytes. Isolation and partial characterization of two granulocyte collagenases. Ohlsson K, et al. **Eur J Biochem** 36:473-81, 16 Jul 73
Prevention of thromboembolism after hip fracture. Lyon LJ, et al. **Geriatrics** 28:107-10, Jan 73 (17 ref.)
Thrombophlebitis and chronic venous insufficiency. Young JR. **Geriatrics** 28:63-9, Sep 73
Behavior of antidinitrophenyl antigen-antibody complexes in hydrochloric acid and guanidine. Weliky N, et al. **Immunochemistry** 9:1121-7, Nov 72
Studies of antigen-antibody interaction on some specific solid adsorbents derived from cellulose. Weliky N, et al. **Immunochemistry** 9:967-78, Oct 72
Distribution of antibody affinities: technique of measurement. Werblin TP, et al. **Immunochemistry** 9:987-1011, Oct 72
Role of protein A in the serum-soft agar technique. Forsum U, et al. **Infect Immun** 6:583-6, Oct 72
Intracellular fate of Cryptococcus neoformans. Tacker JR, et al. **Infect Immun** 6:162-7, Aug 72
Coagulation problems. Czapek EE. **Int Anesthesiol Clin** 11:175-201, Summer 73 (66 ref.)
Antigen-binding cells in spleen sections from mice immunized with sheep erythrocytes. Thunold S. **Int Arch Allergy Appl Immunol** 44:529-43, 1973
Cryofibrinogen and oral contraception in women. Lee RS. **J Am Osteopath Assoc** 72:1161-5, Aug 73
Thrombin-catalyzed conversion of fibrinogen to fibrin. Bando M, et al. **J Biochem (Tokyo)** 71:897-9, May 72
Human Factor XIII from plasma and platelets. Molecular weights, subunit structures, proteolytic activation, and cross-linking of fibrinogen and fibrin. Schwartz ML, et al. **J Biol Chem** 248:1395-407, 25 Feb 73
Inhibitors of fibrinolysis: evidence of some instances of mutual potentiation. Coccheri S, et al. **J Clin Pathol** 25:627-8, Jul 72
The role of the mesangial cell in proliferative glomerulonephritis. Davison AM, et al. **J Clin Pathol** 26:198-208, Mar 73
Current status of thrombolytic agents in acute cerebrovascular disease. Fletcher AP. **J Clin Pathol** 25:649-50, Jul 72
The relationship of the dilute whole blood lysis time to the fibrinolytic activity of blood: effect of change in plasma fibrinogen. Hickman JA, et al. **J Clin Pathol** 26:189-93, Mar 73

Antibody enzyme conjugates: the preparation of intermolecular conjugates of horseradish peroxidase and antibody and their use in immunohistology of renal cortex. Clyne DH, et al.
J Histochem Cytochem 21:233-40, Mar 73

Cell surface associated gamma globulin in lymphocytes. V. Detection of early cytophilic complexes reacting with T- and B-lymphocytes. Orr KB, et al.
J Immunol 110:456-64, Feb 73

Cell surface-associated gamma globulins in lymphocytes. 3. Changes of globulin-carrying lymphocytes during primary response. Paraskevas F, et al. **J Immunol** 109:1254-61, Dec 72

Treatment and prevention of intravascular coagulation with antiserum to endotoxin. Braude AI, et al.
J Infect Dis 128:Suppl:157-64, Jul 73

Evidence for participation of granulocytes in the pathogenesis of the generalized Shwartzman reaction: a review. Horn RG.
J Infect Dis 128:Suppl:134-43, Jul 73 (49 ref.)

Modification of platelet adherence to protein-coated surfaces. Jenkins CS, et al.
J Lab Clin Med 81:280-90, Feb 73

Rapid detection of fibrinogen-related antigens in serum. Rabaa MS, et al.
J Lab Clin Med 81:476-83, Mar 73

An electron microscopic investigation of the polymerization of bovine fibrin monomer. Krakow W, et al. **J Mol Biol** 71:95-103, 28 Oct 72

Rapid preparation of autologous radioiodinated fibrinogen. Roberts RC, et al.
J Nucl Med 13:843-6, Nov 72

Cavernous hemangioma and chronic intravascular coagulation in a gynaecological patient. Groll M, et al.
J Obstet Gynaecol Br Commonw 79:725-7, Aug 72

Circulating fibrin in meningococcemia. Kisker CT, et al.
J Pediatr 82:787-91, May 73

Interaction of Arvin with erythrocyte flexibility. Myers P, et al. **J Physiol (Lond)** 230:51P-52P, Apr 73

Subclinical fat embolism: a prospective study of 50 patients with extremity fractures. McCarthy B, et al.
J Trauma 13:9-16, Jan 73

Disseminated intravascular coagulation in burned patients. McManus WF, et al.
J Trauma 13:416-22, May 73

Thrombotic thrombocytopenic purpura.
JAMA 224:Suppl 5:729, 30 Apr 73

The production of a highly specific antibody to human platelets. Dzoga K, et al. **Lab Invest** 27:351-6, Oct 72

Scaler v. ratemeter for 125 I-fibrinogen scanning. Charkes ND. **Lancet** 813:1191, 23 May 73

Scaler v. ratemeter for 125 I-fibrinogen scanning. Charkes ND. **Lancet** 1:1191, 26 May 73

Plasma viscometry and E.S.R. in the elderly. Harris GJ.
Med Lab Technol 29:405-10, Oct 72

Some applications of gamma-emitting radioisotopes in rheumatology. Onge RA, et al.
Mod Trends Rheumatol 2:60-77, 1971 (58 ref.)

Studies on blood coagulation. II. Kinetic study of the interaction between antihemophilic globulin and antithrombin 3 in normal and hemophilic sera. Gang NF, et al. **Mt Sinai J Med NY** 39:429-34, Sep-Oct 72

Recurrent venous thrombosis and portal hypertension. Cuschieri A, et al. **N Engl J Med** 287:1083-5, 23 Nov 72

The Thrombo-Wellcotest as a screening test for disseminated intravascular coagulation. Ellman L, et al. **N Engl J Med** 288:633-4, 22 Mar 73

Small subcutaneous doses of heparin in prevention of venous thrombosis. Gallus AS, et al.
N Engl J Med 288:545-51, 15 Mar 73

Platelet and fibrinogen consumption in man. Harker LA, et al. **N Engl J Med** 287:999-1005, 16 Nov 72

Prophylactic anticoagulant therapy in the prevention of calf-vein thrombosis after myocardial infarction. Wray R, et al. **N Engl J Med** 288:815-7, 19 Apr 73

The use of macromolecules as carriers of cytotoxic groups. 3. Synthesis and characterisation of polypeptidyl-fibrinogen derivatives. Szekerke M, et al. **Neoplasma** 20:163-9, 1973

Thrombocytopenia indicating gram-negative infection and endotoxemia. Beller FK, et al.
Obstet Gynecol 41:521-4, Apr 73

Principles and methods for the preparation of drug protein conjugates for immunological studies. Erlanger BF. **Pharmacol Rev** 25:271-80, Jun 73 (74 ref.)

Biological activity of phytoestrogens. VI. Fractionation of plasma proteins associated with -sitosterol treatment. Hassanein RR, et al.
Planta Med 22:412-7, Dec 72

Coagulation of blood plasma of guinea pig by the bone matrix. Huggins CB, et al.
Proc Natl Acad Sci USA 70:929-33, Mar 73

Discriminating neoantigenic differences between fibrinogen and fibrin derivatives. Plow EF, et al.
Proc Natl Acad Sci USA 70:1169-73, Apr 73

Acquired inhibitors of blood coagulation. Feinstein DI, et al. **Prog Hemostasis Thromb** 1:75-95, 1972 (95 ref.)

Radio-isotopic studies of erythrocytes, platelets and fibrinogen in the haemolytic-uraemic syndrome of infancy. Katz J, et al. **S Afr Med J** 46:848, 17 Jun 72

Recent advances in venous thrombo-embolism. A review article. Sobel JD.
S Afr Med J 47:1197-202, 14 Jul 73 (53 ref.)

Hemostatic problems in liver surgery. Rö JS.
Scand J Gastroenterol [Suppl] 19:71-81, 1973 (67 ref.)

The diagnostic value of coagulation studies in chronic liver disease. Veltkamp JJ, et al.
Scand J Gastroenterol [Suppl] 19:93-5, 1973

Venous stasis and fibrinolytic activity. Influence of graduated compression and changes in gas values. Feddersen C, et al. **Scand J Haematol** 9:502-8, 1972

Enhanced protein adsorption at the solid-solution interface: dependence on surface charge. Mattson JS, et al. **Science** 181:1055-7, 14 Sep 73

Correlation of hyperfibrinogenemia with major thromboembolism in patients with cancer. Brugarolas A, et al. **Surg Gynecol Obstet** 136:75-7, Jan 73

Exchange transfusion experiments in rats inducing intravascular coagulation. Theiss W, et al.
Surg Gynecol Obstet 135:713-6, Nov 72

Arteriovenous fistula and false aneurysm as the cause of consumption coagulopathy. Rhodes GR, et al.
Surgery 73:535-40, Apr 73

Factors regulating plasma protein synthesis. II. Influence of fibrinogenolytic products on plasma fibrinogen concentration. Bocci V, et al.
Thromb Diath Haemorrh 29:63-75, 28 Feb 73

On the early detection of intravascular coagulation. An experimental study. Fedder G, et al.
Thromb Diath Haemorrh 27:365-76, 31 Jul 72

Fibrin-I degradation products with a molecular weight higher than that of fibrinogen. Identification and characterization of in vitro products from human plasma. Hugo R von, et al.
Thromb Diath Haemorrh 29:122-9, 28 Feb 73

Evaluation of the fibrin plate method for estimating plasminogen activators. Marsh NA, et al.
Thromb Diath Haemorrh 28:75-88, 31 Aug 72

Structural alterations in fibrin clots with dextran. Muzaffar TZ, et al.
Thromb Diath Haemorrh 28:257-67, 31 Oct 72

Studies on fibrin formation and effects of dextran. Muzaffar TZ, et al.
Thromb Diath Haemorrh 28:244-56, 31 Oct 72

A new method based on one dimensional diffusion using small glass tubes for the measurement of fibrinolytic activity. I. Fibrinolytic activity of plasmin and "euglobulin + streptokinase". Yasukouchi T, et al. **Thromb Diath Haemorrh** 28:329-41, 31 Dec 72

Characterization of the coagulant activity of some snake venoms. Denson KW, et al.
Toxicon 10:557-62, Oct 72

[Defibrination syndromes in obstetrics and their differential diagnosis] Kubisz P, et al.
Cesk Gynekol 38:401-3, Jul 73 (Eng. Abstr.) **(Cze)**

[Hyperlipemia in flying personnel (civil aviation)] Anet P, et al.
Acta Cardiol (Brux) Suppl 25:75-85, 1972 (Eng. Abstr.) **(Fre)**

[Variations of plasminogen in newborn and premature infants] Potron G, et al.
Arch Fr Pediatr 29:583-92, Jun-Jul 72 (Eng. Abstr.) **(Fre)**

[Idiotype of antibodies, in the serum of rabbits immunized against human fibrinogen, directed against 2 different fragments of this antigen] Cazenave PA, et al.
C R Acad Sci [D] (Paris) 276:243-5, 8 Jan 73 **(Fre)**

[Ionic force effect on form and dimensions of fibrinogen] Marguerie G, et al.
C R Acad Sci [D] (Paris) 276:101-4, 3 Jan 73 **(Fre)**

[Assay of factor 8 preparations containing fibrinogen during their progressive desialinization] Mester L, et al. **C R Acad Sci [D] (Paris)** 276:209-11, 8 Jan 73 **(Fre)**

[Hyaline membrane disease. Immunofluorescent study of lung tissue. Preliminary report] Benatre A, et al.
Nouv Presse Med 2:497-8, 24 Feb 73 **(Fre)**

[Fibrinogen. Hereditary hypo--and dysfibrinogenemia] Gajdos A.
Nouv Presse Med 2:1067-71, Apr 73 (30 ref.) **(Fre)**

[Major hepatectomy in man. Metabolic consequences] Huguet C, et al.
Nouv Presse Med 2:761-5, Mar 72 (Eng. Abstr.) **(Fre)**

[Hereditary amyloidosis] Lagrue G, et al.
Nouv Presse Med 1:2525-8, 28 Oct 72 **(Fre)**

[Ovarian cancer with diffuse vascular thrombosis. Endocardial, arterial and venous involvement. Disseminated intravascular coagulation with cryofibrinogen] Michel D, et al.
Nouv Presse Med 1:2753-8, 18 Nov 72 **(Fre)**

[Determination of antistreptokinases (ASK) by a micromethod] Philippon A, et al.
Nouv Presse Med 2:383-4, 10 Feb 73 **(Fre)**

[Congenital dysfibrinogenemia] Soria J, et al.
Nouv Presse Med 2:1792, 30 Jun 73 **(Fre)**

[Fixation of toluene 2-4 diisocyanate treated ferritin to fibrin fibers. Electron microscope study] Hudry-Clergeon G, et al.
Pathol Biol (Paris) Suppl:41-6, Dec 72 (Eng. Abstr.) **(Fre)**

[Measurement of the fibrinolytic activation capacity of urine. Description of a simplified method. Role of ions] Kahn JP, et al.
Pathol Biol (Paris) 21:339-47, Apr 73 (Eng. Abstr.) **(Fre)**

[New plasma derivatives] Soulier JP.
Rev Prat 22:1465-6 passim, 21 Mar 72 **(Fre)**

[Acquired dysfibrinogenemia and hepatic disorders. Apropos of 30 cases] Aiach M, et al.
Sem Hop Paris 49:183-97, 14 Jan 73 (Eng. Abstr.) **(Fre)**

[Biological half-life of 131 I-labeled fibrinogen from normal and cobalt-treated rabbits] Krantz S, et al.
Acta Biol Med Ger 29:805-10, 1972 (Eng. Abstr.) **(Ger)**

[Experimental studies on the problem of local Shwartzman phenomenon in the skin. V. Observations on the significance of blood coagulation disorders during provocation of the phenomenon in an endotoxin-free guinea pig model] Illig L, et al.
Arch Dermatol Forsch 246:11-26, 29 Jan 73 (Eng. Abstr.) **(Ger)**

[Effect of the oral antidiabetic agent glibornuride on blood coagulation, blood platelets, and fibrinolysis] Voss D, et al.
Arzneim Forsch 22:Suppl 12A:2219, Dec 72 (Eng. Abstr.) **(Ger)**

[Effect of the oral antidiabetic agent glibornuride on blood coagulation, blood platelets, and fibrinolysis] Voss D, et al.
Arzneim Forsch 22:Suppl 12a:2219+, Dec 72 (Eng. Abstr.) **(Ger)**

[Molecular structure of human fibrin stabilizing factors] Bohn H, et al.
Blut 25:235-48, Oct 72 (Eng. Abstr.) **(Ger)**

[Investigations on viscosity in -globulins and the effect of streptokinase] Leonhardt H, et al.
Clin Chim Acta 45:129-34, 30 Apr 73 (Eng. Abstr.) **(Ger)**

[Demonstration of fibrin in lichen ruber planus with an enzyme-antiserum conjugate] Ebner H, et al.
Dermatologica 146:101-6, 1973 (Eng. Abstr.) **(Ger)**

[Plasma viscosity, immunoglobulins and fibrinogen in cirrhosis of the liver] Bungert HJ, et al.
Dtsch Med Wochenschr 97:1976-9, 22 Dec 72 (Eng. Abstr.) **(Ger)**

[Effect of gamma globulins on viscosity] Leonhardt H.
Experientia 29:439-41, 15 Apr 73 (Eng. Abstr.) **(Ger)**

[Fibrinogen: biophysical, biochemical and biological properties] Krantz S, et al.
Folia Haematol (Leipz) 98:1-30, 1972 (283 ref.) (Eng. Abstr.) **(Ger)**

[Hepatitis morbidity following heart surgery] Schlaak M, et al.
Thoraxchirurgie 20:411-2, Dec 72 (Eng. Abstr.) **(Ger)**

[Molecular aspects of coagulation processes] Deutsch E. **Verh Dtsch Ges Inn Med** 78:345-60, 1972 **(Ger)**

[Role of the mesenchymal cells in the development of arteriosclerosis] Hauss WH.
Virchows Arch [Pathol Anat] 359:135-56, 19 Apr 73 (Eng. Abstr.) **(Ger)**

[Influence of gestation on the blood coagulation system and diagnosis of possible disorders] Günter M, et al.
Z Aerztl Fortbild (Jena) 67:209-15, 1 Mar 73 (37 ref.) **(Ger)**

[Consumption coagulopathies in childhood] Heinrichs C, et al.
Z Aerztl Fortbild (Jena) 66:853-9, 1 Sep 72 **(Ger)**

[A simple method for plasminogen determination] Rogner G.
Z Med Labortech 14:40-5, 1973 (Eng. Abstr.) **(Ger)**

[The action of proteolytic enzymes of Clostridium histolyticum and Clostridium novyi on human plasma proteins] Schallehn G, et al.
Zentralbl Bakteriol [Orig A] 224:102-14, Jun 73 (Eng. Abstr.) **(Ger)**

[Diagnostics and therapy of hemolytic-hemorrhagic transfusion incidents] Brüster H.
Zentralbl Neurochir 33:63-8, 1972 (Eng. Abstr.) **(Ger)**

[Blood viscosity in simple obesity] Girolami A, et al.
Folia Endocrinol (Roma) 25:382-92, Oct 72 (Eng. Abstr.) **(Ita)**

[Euglobulinic fibrinolysis and hematic fibrinogen in simple obesity] Girolami A, et al.
Folia Endocrinol (Roma) 25:502-15, Dec 72 (Eng. Abstr.) **(Ita)**

[Proactivator-activator system in human plasma fibrinolysis: studies on the synthetic fibrinolytic system composed of functionally pure fibrinogen, plasminogen and proactivator, separated from human plasma] Okamoto U.
J Physiol Soc Jap 34:147-55, Mar 72 (Eng. Abstr.) **(Jap)**

[Fibrinogen and fibrin degradation products] Fujimaki M, et al. **Jap J Clin Pathol** 21:31-6, Jan 73 (42 ref.) **(Jap)**

[Malignant tumor scintigraphy using 131-I-labelled fibrinogen] Tatsuno I, et al.
Jap J Clin Radiol 17:647-54, Sep 72 **(Jap)**

[Fibrinogenopathies] Stahl M.
Acta Haematol Pol 3:93-9, Jan-Mar 72 (22 ref.) **(Pol)**

[Fibrinoplastic properties of cell components and antagonistic action of acid mucipolysaccharides] Węgrzynowicz Z, et al.
Acta Haematol Pol 2:297-304, Oct-Dec 71 (Eng. Abstr.) **(Pol)**

[Hyperfibrinogemia following activator therapy] Zawilska K, et al.
Acta Haematol Pol 3:53-8, Jan-Mar 72 (Eng. Abstr.) **(Pol)**

[Correlation between coagulation, proteolysis and immunological phenomena] Bogdanikowa B, et al.
Postepy Hig Med Dosw 27:469-81, Jul-Aug 73 (Eng. Abstr.) **(Pol)**

[Antigenic properties of fibrinogen] Cierniewski C, et al.
Postepy Hig Med Dosw 27:483-97, Jul-Aug 73 (Eng. Abstr.) **(Pol)**

[The fibrogenic action of clay used in the production of porous clay filler] Selivanov AI.
Gig Tr Prof Zabol 15:40-2, Aug 71 **(Rus)**

[Mechanisms of stimulating effect of alcohol in the development of myocardial infarct] Krylov AA.
Klin Med (Mosk) 51:60-3, Apr 73 (Eng. Abstr.) **(Rus)**

[Coagulation and anticoagulation systems of blood in viral hepatitis during pregnancy] Arakelov RA.
Ter Arkh 44:65-8, Oct 72 **(Rus)**

[Shifts in coagulating and fibrinolytic activity of the blood following the administration of nerobol in patients with coronary atherosclerosis] Kratovskaia OV, et al.
Ter Arkh 44:29-31, Sep 72 (Eng. Abstr.) **(Rus)**

[Changes in the properties of fibrinogen as a result of blood loss] Zhankina GKh.
Vestn Khir 108:80-3, Sep 72 (Eng. Abstr.) **(Rus)**

[Changes of certain indicators of the coagulation and anticoagulation systems of the blood in postthrombophlebitic syndrome] Vasiutkov Vla.
Vrach Delo 3:31-2, Mar 73 (Eng. Abstr.) **(Rus)**

[Study of transparent fibrin gels by fluorescence depolarization] Demchenko AP, et al.
Ukr Biokhim Zh 44:354-60, 1972 (Eng. Abstr.) **(Ukr)**

ADMINISTRATION & DOSAGE

Incorporation of 125 I-labelled fibrinogen into coronary arterial thrombi in acute myocardial infarction in man. Erhardt LR, et al. **Lancet** 1:387-90, 24 Feb 73

Quantitation of fibrin deposition and elimination in organs of rats injected with labelled fibrinogen and albumin. Busch C, et al.
Thromb Diath Haemorrh 29:94-107, 28 Feb 73

Quantitation of fibrin deposition and elimination in organs of rats injected with labelled fibrinogen by isolation of the labelled fibrin from water soluble tracer. Busch C, et al.
Thromb Diath Haemorrh 29:108-14, 28 Feb 73

ANALYSIS

The fibrinolytic enzyme system in leukaemia, myelomatosis and myeloproliferative diseases. Ogston D, et al. **Acta Haematol (Basel)** 48:322-30, 1972

Failure of subcutaneous heparin treatment in a case of

disseminated intravascular coagulation. Stevens W, et al. **Acta Haematol (Basel)** 48:245-50, 1972

Comparative study on identification for fibrinogen in human plasma and its preparations. Yasuda J, et al. **Acta Haematol Jap** 35:101-12, Feb 72

Changes in antithrombin 3 levels following cessation of anticoagulant therapy. Refvem O, et al. **Acta Med Scand** 193:307-9, Apr 73

Biological effect of basic polyglutamic acid derivatives. Lázár G, et al. **Acta Physiol Acad Sci Hung** 41:113-23, 1972

Effect of adaptation to histamine and epinephrine on hyperfibrinogenaemia induced by histamine and epinephrine. Lázár G, et al. **Acta Physiol Acad Sci Hung** 41:107-12, 1972

Thrombogenic properties of vascular catheter materials in vivo. A device and objective method of comparing thrombus formation on vascular catheter materials. Schlossman D. **Acta Radiol [Diagn] (Stockh)** 14:97-105, Jan 73

The quantitative determination of fibrinogen in normal bovine plasma and in cows with inflammatory conditions. Ek N. **Acta Vet Scand** 13:175-84, 1972

Effect of exercise on development of atherosclerosis in swine. Link RP, et al. **Adv Exp Med Biol** 22:127-42, 1972

Effect of a short simulated dive on selected blood constituents in man. Martin KJ, et al. **Aerosp Med** 44:516-22, May 73

Arvin therapy in experimental pulmonary embolism. Sharma GV, et al. **Am Heart J** 85:72-7, Jan 73

Evaluation of methods for the detection and quantitation of serum fibrin-fibrinogen degradation products. Erickson C, et al. **Am J Clin Pathol** 58:394-9, Oct 72

The plasma protamine paracoagulation test: clinical and laboratory evaluation. Kidder WR, et al. **Am J Clin Pathol** 58:675-86, Dec 72

The clinical significance of the plasminogen level. Lackner H, et al. **Am J Clin Pathol** 60:175-81, Aug 73

Counterelectrophoresis test for molecules immunologically similar to fibrinogen. Lewis JH, et al. **Am J Clin Pathol** 58:400-4, Oct 72

The use of laboratory determinations in the control of streptokinase therapy. Minn SK, et al. **Am J Clin Pathol** 58:415-21, Oct 72

Evaluation of three methods for plasma fibrinogen determination. Stevens DJ, et al. **Am J Clin Pathol** 60:182-7, Aug 73

Disseminated intravascular coagulation in the respiratory distress syndrome. Margolis CZ, et al. **Am J Dis Child** 125:324-6, Mar 73

Coagulation in cyanotic congenital heart disease. Wedemeyer AL, et al. **Am J Dis Child** 124:656-60, Nov 72

Plasma fibrinogen determination by automated thrombin time. Okuno T, et al. **Am J Med Technol** 38:196-201, Jun 72

Lack of coagulation defect after terminating second-trimester pregnancy by the catheter technique. Beller FK, et al. **Am J Obstet Gynecol** 115:822-6, 15 Mar 73

Coagulation studies in the hypertensive toxemias of pregnancy. Davidson EC Jr, et al. **Am J Obstet Gynecol** 113:905-10, 1 Aug 72

Effect of estrogens on postpartum hypercoagulability and antithrombin 3 activity. Kaulla E von, et al. **Am J Obstet Gynecol** 113:920-6, 1 Aug 72

Effect of prostaglandins on the coagulation mechanism of the pregnant rat. Phillips LL. **Am J Obstet Gynecol** 115:227-32, 15 Jan 73

Heparin in disseminated intravascular coagulation. Pritchard JA. **Am J Obstet Gynecol** 115:871-2, 15 Mar 73

Studies on the pathogenesis of clotting defects during salt-induced abortions. Talbert LM, et al. **Am J Obstet Gynecol** 115:656-62, 1 Mar 73

Stilbestrol-augmented disseminated intravascular coagulation in rats after infusion of endotoxin. Theiss W, et al. **Am J Obstet Gynecol** 115:775-82, 15 Mar 73

Defibrination syndrome after intra-amniotic infusion of hypertonic saline. Weiss AE, et al. **Am J Obstet Gynecol** 113:868-74, 1 Aug 72

Immunohistochemical study of glomerular lesions in retroperitoneal lymphomas. Gupta RK. **Am J Pathol** 71:427-36, Jun 73

A comparative immunohistochemical study of splenic arterial hyalinosis in health and disease. Gupta RK, et al. **Am J Pathol** 69:79-88, Oct 72

Immune hemolytic transfusion reactions in monkeys: activation of the kallikrein system. Lopas H, et al. **Am J Physiol** 225:372-9, Aug 73

Preliminary studies on in vitro and in vivo effects of 50 per cent hypaque on coagulation in man. Chandra R, et al. **Angiology** 24:199-204, Apr 73

Fibrinogen and the fibrinogenopathies. Morse EE. **Ann Clin Lab Sci** 1:155-61, Sep-Oct 71 (30 ref.)

Thromboasthenia. Morse EE, et al. **Ann Clin Lab Sci** 2:432-9, Nov-Dec 72

A qualitative platelet defect in severe vitamin B 12 deficiency. Response, hyperresponse, and thrombosis after vitamin B 12 therapy. Levine PH. **Ann Intern Med** 78:533-9, Apr 73

The molecular structure of fibrinogen. Blombäck B, et al. **Ann NY Acad Sci** 202:77-97, 8 Dec 72 (54 ref.)

Human fibrinogen free of factor XIII: the pursuit of biological zero. Finlayson JS. **Ann NY Acad Sci** 202:149-54, 8 Dec 72

Transfusion therapy in congenital deficiencies of plasma factor XIII. Ikkala E. **Ann NY Acad Sci** 202:200-3, 8 Dec 72

Carboxyl-terminal structures of mammalian fibrinogen and fibrin. Iwanaga S, et al. **Ann NY Acad Sci** 202:308-17, 8 Dec 72

Our ancient heritage in blood clotting and some of its consequences. Laki K. **Ann NY Acad Sci** 202:297-307, 8 Dec 72

The effect of oral contraceptives on fibrin-clot stabilization. Shanberge JN, et al. **Ann NY Acad Sci** 202:220-9, 8 Dec 72

Etiological factors in complicated coal workers' pneumoconiosis. Wagner JC. **Ann NY Acad Sci** 200:401-4, 29 Dec 72

Coagulation studies in haemolytic uraemic syndrome. Willoughby ML, et al. **Arch Dis Child** 47:766-71, Oct 72

Fibrinolytic split products. A clinicopathological correlative study in adults with lupus glomerulonephritis and various renal diseases. Bond RE, et al. **Arch Intern Med** 132:182-7, Aug 73

Gold nephropathy. An immunopathologic study. Katz A, et al. **Arch Pathol** 96:133-6, Aug 73

Relationship of fibrinolytic system to postoperative thrombotic phenomena. Sautter RD, et al. **Arch Surg** 107:292-6, Aug 73

Inter-relationships between platelet response to adenosine diphosphate, blood coagulation and serum lipids in patients with peripheral occlusive atherosclerosis. Cotton RC, et al. **Atherosclerosis** 16:337-48, Nov-Dec 72

Adenosine diphosphate induced platelet aggregation in myocardial infarction and ischemic heart disease. Dreyfuss F, et al. **Atherosclerosis** 17:107-20, Jan-Feb 73

Fibrinogen catabolism in rats fed thrombogenic diets. Ruckdeschel JC, et al. **Atherosclerosis** 16:277-85, Nov-Dec 72

Deposition of modified fibrinogen within the aortic intima. Shainoff JR, et al. **Atherosclerosis** 16:287-305, Nov-Dec 72

Fibrinolysis and haemostasis. Castaldi PA, et al. **Aust NZ J Med** 2:113-7, May 72

Thrombotic thrombocytopenic purpura presenting as eclampsia. Perel ID, et al. **Aust NZ J Obstet Gynaecol** 12:257-62, Nov 72

Characterisation of large fragments rich in disulphide bridges from CNBr-treated products of exhaustive proteolysis of fibrinogen by plasmin. Dudek-Wojciechowska GA, et al. **Biochim Biophys Acta** 295:536-42, 21 Feb 73

Plasmic degradation of human fibrinogen. II. Further characterization of fragment D. Furlan M, et al. **Biochim Biophys Acta** 310:205-16, 17 May 73

Subunit structure of the plasmin-induced degradation products of crosslinked fibrin. Gaffney PJ, et al. **Biochim Biophys Acta** 295:308-13, 25 Jan 73

Heterogeneity of human adult and fetal fibrinogen: detection of derivatives indicative of thrombin proteolysis. Mills DA, et al. **Biochim Biophys Acta** 285:398-403, 28 Dec 72

High shear rate viscosity measurements with dilute solutions of bovine fibrinogen. Lederer K, et al. **Biopolymers** 11:1989-93, 1972

Cryorheology of reindeer blood. Halikas GC. **Biorheology** 9:105-13, Jun 72

Inhibition of the generalized Shwartzman reaction by hypofibrinogenemia. Bell WR, et al. **Blood** 40:697-708, Nov 72

Successful management of a subdural hematoma in a hemophiliac with an anti-factor VIII antibody. Edson JR, et al. **Blood** 41:113-22, Jan 73

Experimental dysfibrinogenemia: in vivo studies with arvin. Rodriguez-Erdmann F, et al. **Blood** 37:664-74, Jun 71

A review of the obstetrical aspects of haemostasis. Bonnar J. **Br J Haematol** 25:274-5, Aug 73

Studies on blood coagulation, fibrinolysis and platelet function following exercise in normal and splenectomized people. Prentice CR, et al. **Br J Haematol** 23:541-52, Nov 72

Effects of Ancrod (Arvin) in mice: studies of plasma fibrinogen and fibrinolytic activity. Silberman S, et al. **Br J Haematol** 24:101-13, Jan 73

Blood clotting and fibrinolysis in areas with different water supplies. Elwood PC, et al. **Br J Prev Soc Med** 26:246-8, Nov 72

Factors influencing prognosis in the surgery of peripheral vascular disease: platelet adhesiveness, plasma fibrinogen, and fibrinolysis. Hamer JD, et al. **Br J Surg** 60:386-9, May 73

Postoperative changes in blood viscosity and the influence of haematocrit and plasma-fibrinogen. Kemble JV, et al. **Br J Surg** 59:629-32, Aug 72

Streptokinase therapy in deep-vein thrombosis. Mavor GE, et al. **Br J Surg** 60:468-74, Jun 73

The detection and prediction of acute rejection episodes in human renal transplants using radioactive fibrinogen. Yeboah ED, et al. **Br J Urol** 45:273-80, Jun 73

Idiopathic gangrene in African adults. Barr RD, et al. **Br Med J** 4:273-4, 4 Nov 72

Fibrinolysis in cholestatic jaundice. Jedrychowski A, et al. **Br Med J** 1:640-2, 17 Mar 73

Prevention of pulmonary embolism. Jones DR, et al. **Br Med J** 3:109, 14 Jul 73

Effects of progestogen oral contraception with norethisterone on blood clotting and platelets. Poller L, et al. **Br Med J** 4:391-3, 18 Nov 72

Some observations in lepra reaction. Mukherjee A, et al. **Bull Calcutta Sch Trop Med** 19:57-9, Jul 71

Effect of combined administration of EACA and heparin on thrombus weight and fibrinolysis. An experimental study. Komatsu K, et al. **Bull Tokyo Med Dent Univ** 20:93-104, Mar 73

The detection of fibrinogen degradation products (FDP) in serum and urine. Pitcher PM. **Can J Med Technol** 34:166-78, Oct 72

Immunofluorescent staining of lung biopsy in fibrosing alveolitis. Poon MC, et al. **Can Med Assoc J** 108:734-5 passim, 17 Mar 73

Disseminated intravascular coagulation in cancer patients: supportive evidence. Peck SD, et al. **Cancer** 31:1114-9, May 73

The role of heparin in the chemotherapy of solid tumors: preliminary clinical trial in carcinoma of the lung. Elias EG, et al. **Cancer Chemother Rep** 56:783-5, Dec 72

Immunological reaction in keratoacanthoma, a spontaneously resolving skin tumor. Brown FC, et al. **Cancer Res** 33:2030-3, Sep 73

Impairment of the diurnal fibrinolytic response in man. Effects of aging, type IV hyperlipoproteinemia, and coronary artery disease. Rosing DR, et al. **Circ Res** 32:752-8, Jun 73

Comparison of rapid clottable fibrinogen assays. Davey FR, et al. **Clin Chem** 18:1360-3, Nov 72

Electrophoresis, specific protein assays, or both in measurement of plasma proteins? Laurell CB. **Clin Chem** 19:99-102, Jan 73

Assay of "soluble fibrinogen" in bloodstain extracts as an aid to identification of menstrual blood in forensic science: preliminary findings. Whitehead PH, et al. **Clin Chem** 19:762-5, Jul 73

Hemorrhagic disease due to vitamin K deficiency in a premature infant: a syndrome which may resemble disseminated intravascular coagulation (DIC). Mangurten HH, et al. **Clin Pediatr (Phila)** 12:372-5, Jun 73

The hemorrhagic phenomena associated with green pit viper (Trimeresurus erythrurus and Trimeresurus popeorum) bites in children. A report of studies to elucidate their pathogenesis. Mitrakul C, et al. **Clin Pediatr (Phila)** 12:215-8, Apr 73

Studies on the blood fibrinolytic system in congestive cardiac failure. Rawles JM, et al. **Clin Sci** 45:65-76, Jul 73

Fibrinogen concentration in reindeer blood. Halikas GC, et al. **Comp Biochem Physiol [A]** 41:437-8, 1 Feb 72

Erythrocyte aggregation in relation to diabetic retinopathy. Haeringen NJ van, et al. **Diabetologia** 9:20-4, Feb 73

Fibrinolytic activity in hepatic cirrhosis. Blatný J, et al. **Digestion** 6:165-72, 1972

Chemical and immunological properties of reduced and alkylated polypeptide chains of bovine fibrinogen. Gollwitzer R, et al. **Eur J Biochem** 28:497-506, 4 Aug 72

Fibrinogen-fibrin conversion as determined by polymer bead sedimentation technique. Exner T, et al. **Experientia** 28:1421-3, 15 Dec 72

Thrombin-induced 'macrophage disappearance reaction' in mice. Jókay I, et al. **Experientia** 29:334-5, 15 Mar 73

Cyanogen bromide cleavage of bovine fibrinogen. Identification of a dimeric N-terminal peptide and two other disulfide containing fragments. Timpl R, et al. **FEBS Lett** 29:92-6, 15 Jan 73

Proteins of human follicular fluid: the blood-follicle barrier. Shaigi R, et al. **Fertil Steril** 24:429-34, Jun 73

Experimental hepatic necrosis: studies on coagulation abnormalities, plasma clearance, and organ distribution of 125I-labelled fibrinogen. Rake MO, et al. **Gut** 14:574-80, Jul 73

Acute hepatic necrosis of hepatitis and mushroom poisoning. The value of coagulation tests in their differentiation, prognostic assessment and pathogenesis. Herold R, et al. **Helv Med Acta** 37:5-24, 1973

Increased levels of plasma insulin and eleven hydroxycorticosteroid induced by sucrose, and their reduction by phenformin. Yudkin J, et al. **Horm Metab Res** 4:417-20, Nov 72

Effect of hydrocortisone & hydrocortisone-antivenene combination on plasma fibrinogen level in Russell's viper envenomation. Seth SD, et al. **Indian J Exp Biol** 10:357-9, Sep 72

Plasma thrombin clotting time and plasma fibrinogen in diabetes mellitus and atherosclerosis. Banerjee RN, et al. **Indian J Med Res** 60:1432-42, Oct 72

Primary structure of human fibrinogen and fibrin. II. Structural studies on NH2-terminal part of gamma chain. Blombäck B, et al. **J Biol Chem** 248:5806-20, 25 Aug 73

Subunit structure of fragment D from fibrinogen and cross-linked fibrin. Pizzo SV, et al. **J Biol Chem** 248:4584-90, 10 Jul 73

Methodology for the control of thrombolytic therapy. Alkjaersig N. **J Clin Pathol** 25:625-6, Jul 72

A comparison of the TRCII and latex-particle tests for the titration of FR-antigen. Arocha-Piñango CL. **J Clin Pathol** 25:757-61, Sep 72

Fibrinolysis following contact with a Saturnid caterpillar. Arocha-Pinango CL, et al. **J Clin Pathol** 25:637, Jul 72

Detection of fibrinogen-fibrin degradation products by counterelectrophoresis. Brody JI. **J Clin Pathol** 25:754-6, Sep 72

The detection of fibrinogen-fibrin degradation products by means of a new antibody-coated latex particle. Garvey MB, et al. **J Clin Pathol** 25:680-2, Aug 72

Radiographic, haemodynamic and biochemical findings related to the National Heart and Lung Institute's urokinase pulmonary embolism trial. Johnson AJ, et al. **J Clin Pathol** 25:646, Jul 72

Fibrin lysis by thrombin elevating levels of fibrinogen and fibrin-related antigen (FR-antigen) in human serum as shown by Auto Analyzer assay. Merskey C, et al. **J Clin Pathol** 25:623, Jul 72

Effect of treatment with combined phenformin and ethynoestrenol on the coagulation and fibrinolytic systems. Nilsson IM, et al. **J Clin Pathol** 25:633-9, Jul 72

The production and testing of staphylococci with clumping factor activity for use in the assay of fibrinogen degradation products. Richardson G. **J Clin Pathol** 26:377-80, May 73

Fibrinous synovitis in calves inoculated with killed Mycoplasma mycoides. Elevated plasma fibrinogen concentration and increased permeability of the synovium. Piercy DW, et al. **J Comp Pathol** 82:279-90, Jul 72

Immunoephelometric determination of fibrinogen and its derivatives in plasma. Farrell GW, et al. **J Immunol Methods** 1:217-29, May 72

Study of plasma fibrinogen and fibrinolytic activity in acute myocardial infarction. Basu HN, et al. **J Indian Med Assoc** 57:135-8, 16 Aug 71

Plasma fibrinogen in different trimesters of pregnancy and its relation with blood sedimentation rate. Satpathy NK, et al. **J Indian Med Assoc** 58:417-9, 1 Jun 72

Degradation products of fibrinogen and fibrin in

bacteremia due to gram-negative rods. Satterwhite TK, et al. **J Infect Dis** 127:437-41, Apr 73

Enhanced platelet function in glomerular renal disease. Bang NU, et al. **J Lab Clin Med** 81:651-60, May 73

The effect of saline loading on endotoxin-induced disseminated intravascular coagulation. Theiss W, et al. **J Lab Clin Med** 81:431-42, Mar 73

Blood-clotting mechanisms of nonhuman primates. Choice of the baboon model to simulate man. Todd ME, et al. **J Med Primatol** 1:132-41, 1972

Meningococcal purpura: report of 19 patients treated with heparin. Gérard P, et al. **J Pediatr** 82:780-6, May 73

Disseminated intravascular coagulation in a newborn infant with Listeria sepsis. Miller R, et al. **J Pediatr** 83:640-2, Oct 73

Platelet counts, fibrinogen concentrations, and factor V and factor VIII levels in healthy infants according to gestational age. Sell EJ, et al. **J Pediatr** 82:1028-32, Jun 73

An approach to acquired coagulation problems in the neonatal surgical patient. Asch MJ, et al. **J Pediatr Surg** 8:227-34, Apr 73

Midtrimester abortion using intra-amniotic prostaglandin F2 alpha with intravenous Syntocinon. Anderson GG, et al. **J Reprod Med** 9:434-6, Dec 72

Hypofibrinogenemic states in obstetrics. Sise HS. **J Reprod Med** 10:115-7, Mar 73

Hemorrhagic studies with severe hemodilution in profound hypothermia and cardiac arrest. Morgan H, et al. **J Surg Res** 14:459-64, May 73

Fibrinogen and albumin catabolism in experimental pancreatitis in the rat. Wardle EN. **J Surg Res** 15:122-31, Aug 73

Pathophysiology and new problems in total artificial heart. Akutsu T, et al. **J Thorac Cardiovasc Surg** 64:762-71, Nov 72

Disseminated intravascular coagulation following extracorporeal circulation. Boyd AD, et al. **J Thorac Cardiovasc Surg** 64:685-93, Nov 72

The relationship between colloid osmotic pressure and plasma proteins during and after cardiopulmonary bypass. Webber CE, et al. **J Thorac Cardiovasc Surg** 65:234-7, Feb 73

Autotransfusion: perspective and critical problems. Rakower SR, et al. **J Trauma** 13:573-4, Jun 73

Hypertonic saline-induced abortion. Correlation of fetal death with disseminated intravascular coagulation. Glueck HI, et al. **JAMA** 225:28-31, 2 Jul 73

Immunoglobulin A (IgA) associated glomerulonephritis. Lowance DC, et al. **Kidney Int** 3:167-76, Mar 73

Spontaneous immunoglobulin and complement deposition in glomeruli of diabetic rats. Mauer SM, et al. **Lab Invest** 27:488-94, Nov 72

F.D.P. Donati MB, et al. **Lancet** 2:1082-3, 18 Nov 72

F.D.P. Gaffney PJ. **Lancet** 2:1422, 30 Dec 72

Urinary fibrin-fibrinogen degradation products and acute renal-transplant rejection. Lameire N, et al. **Lancet** 2:160-1, 21 Jul 73

Long-term blood abnormalities in thrombosis. **Lancet** 2:133-4, 21 Jul 73

Diagnosis of hemorrhagic disorders. Nemerson Y. **Med Clin North Am** 57:531-41, Mar 73 (30 ref.)

Blood viscosity factors and prognosis in malignant melanoma. Effect of abo blood groups. Dintenfass L, et al. **Med J Aust** 1:1091-4, 2 Jun 73

Surgical techniques in infancy: hypothermia, bypass and postoperative care. Shirotani H, et al. **Med J Aust** 2:Suppl:29-32, 12 Aug 72

Blood vessels, platelets and fibrinogen. Singer A. **N Engl J Med** 288:374, 15 Feb 73

The arginine content in fibrin clots and fibrinolysis in neoplastic diseases. Farbiszewski R, et al. **Neoplasma** 20:203-8, 1973

Acute renal failure during intermittent rifampicin therapy. Campese VM, et al. **Nephron** 10:256-61, 1973

The effect of treatment with prednisone and nitrogen mustard on the renal lesions and life span of patients with lupus glomerulonephritis. Dillard MG, et al. **Nephron** 10:273-91, 1973

Serum levels of 2 -macroglobulin and IgG and cryofibrinogenemia in pregnancy. Chandra RK, et al. **Obstet Gynecol** 41:56-9, Jan 73

Advanced extrauterine pregnancy and the fetal death syndrome. Report of a case with clinicopathologic considerations. Dehner LP. **Obstet Gynecol** 40:525-34, Oct 72

Amniotic fluid embolism. Gregory MG, et al. **Obstet Gynecol** 42:236-44, Aug 73

The effects of antibiotics on serum fibrinogen levels. Morrison JC, et al. **Obstet Gynecol** 42:80-6, Jul 73

Defibrination in saline abortion. Schwartz R, et al. **Obstet Gynecol** 40:728-37, Nov 72

Fibrinolytic activity in dental cysts. Harris M, et al. **Oral Surg** 35:818-26, Jun 73

Evolution of blood clotting factor leves in premature infants during the first 10 days of life: a study of 96 cases with comparison between clinical status and blood clotting factor levels. Jensen AH, et al. **Pediatr Res** 7:638-44, Jul 73

Some chemical indices of diabetic vascular disease. Wardle EN, et al. **Postgrad Med J** 49:1-9, Jan 73

The use of heparin in meningococcal disease. Oberholzer D, et al. **Proc Mine Med Off Assoc** 51:25-31, Jan-Apr 72

Fibrinogen synthesis in adrenalectomized rabbits. Seligsohn U, et al. **Proc Soc Exp Biol Med** 142:824-8, Mar 73

Structural organization of the fibrinogen macromolecule related to the process of fibrin formation. Velican D. **Rev Roum Med Intern** 9:419-36, 1972 (84 ref.)

Some recent advances in coagulation--1972. King JB. **S Afr Med J** 46:2085-9, 30 Dec 72 (42 ref.)

Purpura fulminans and disseminated intravascular coagulation. A report of 5 cases in childhood. Rainier-Pope CR. **S Afr Med J** 47:1420-2, 11 Aug 73

Coagulation abnormalities in acute liver failure; pathogenetic and therapeutic implications. Clark R, et al. **Scand J Gastroenterol [Suppl]** 19:63-70, 1973

Coagulation factors as indicators of protein synthesis in chronic liver disease. Ritland S, et al. **Scand J Gastroenterol [Suppl]** 19:113-7, 1973

Erythrocytosis associated with haemoglobin Malmö, accompanied by pulmonary changes, occurring in the same family. Berglund S. **Scand J Haematol** 9:355-69, 1972

Fibrinogen associated with subcellular platelet particles. Day HJ, et al. **Scand J Haematol** 10:136-43, 1973

Fibrinaemia and multiple thrombi in pancreatic carcinoma. A case studied with quantitative N-terminal analysis. Kierulf P, et al. **Scand J Haematol** 9:370-6, 1972

Discrepancy between thrombotest and normotest--an indicator of disseminated intravascular coagulation (DIC)? Slaastad RA, et al. **Scand J Haematol** 9:411-6, 1972

Discrepancy between normotest and thrombotest during thromboplastin induced intravascular coagulation in rabbits. Slaastad RA, et al. **Scand J Haematol** 9:403-10, 1972

Dysfibrinogenaemia associated with primary hepatoma. Verhaeghe R, et al. **Scand J Haematol** 9:451-8, 1972

Studies on platelets and fibrin during rejection of canine renal allografts. Claes G. **Scand J Urol Nephrol** 10:1-24, 1972

The blood coagulation and fibrinolytic enzyme systems in healthy adult Africans and Europeans--a comparative study. Barr RD, et al. **Scott Med J** 18:93-7, May 73

Complement and coagulation in Rocky Mountain spotted fever. Graybill JR, et al. **South Med J** 66:410-3, Apr 73

Chronic intravascular coagulation syndrome associated with atherosclerotic aortic aneurysm. Schnetzer GW 3d, et al. **South Med J** 66:264-8, Feb 73

Studies on fibrinolytic activity in patients with Plasmodium falcipalum malaria. Areekul S, et al. **Southeast Asian J Trop Med Public Health** 3:198-204, Jun 72

Evidence for abnormalities in clotting and thrombolysis as a risk factor for stroke. Pilgeram LO, et al. **Stroke** 4:643-57, Jul-Aug 73

Stroke and blood coagulation. Todd M, et al. **Stroke** 4:400-5, May-Jun 73

Hematologic, biochemical, and pathologic effects of intra-aortic balloon counterpulsation in the calf. Blatt SJ, et al. **Surg Gynecol Obstet** 137:238-42, Aug 73

Effect of surgical operation on human blood viscosity. Litwin MS, et al. **Surgery** 73:323-8, Mar 73

Fibrinolysis in the domestic chicken (Gallus domesticus). Allen BV. **Thromb Diath Haemorrh** 27:644-8, 31 Jul 72

Coagulation studies in a case of severe congenital hypofibrinogenemia. Barbu T, et al. **Thromb Diath Haemorrh** 28:129-34, 31 Aug 72

Coagulation changes induced by endotoxin and purified

contact activation product. Barth P, et al.
Thromb Diath Haemorrh 28:280-8, 31 Oct 72
Thrombocytopenia caused by antigen-antibody reactions with special reference to intravascular coagulation. Fedder G, et al.
Thromb Diath Haemorrh 27:452-60, 31 Jul 72
Parallel determinations of FDP and fibrin monomers with various methods. Hedner U, et al.
Thromb Diath Haemorrh 28:268-79, 31 Oct 72
Blood coagulation and fibrinolysis in a random sample of 788 men 54 years old. II. Relations of the variables to "risk factors" for myocardial infarction. Korsan-Bengtsen K, et al.
Thromb Diath Haemorrh 28:99-108, 31 Aug 72
Blood coagulation and fibrinolysis in a random sample of 788 men 54 years old. I. Correlations between the variables of clotting and fibrinolysis. Korsan-Bengtsen K, et al.
Thromb Diath Haemorrh 28:89-98, 31 Aug 72
Prevention of the liquoid-induced consumption coagulopathy by the protease inhibitor aprotinin. Müller-Berghaus G, et al.
Thromb Diath Haemorrh 27:396-406, 31 Jul 72
Disseminated intravascular coagulation induced by liquoid in normal, thrombocytopenic and granulocytopenic rabbits. Light and electron microscope studies. Skjorten F, et al.
Thromb Diath Haemorrh 27:377-88, 31 Jul 72
Fibrinogen Troyes--fibrinogen Metz. Two new cases of congenital dysfibrinogenemia. Soria J, et al.
Thromb Diath Haemorrh 27:619-33, 31 Jul 72
Arvin anticoagulation for prolonged extracorporeal membrane oxygenation. Büky B, et al.
Trans Am Soc Artif Intern Organs 19:56-60, 1973
Gas transfer and thrombogenesis in an annular membrane oxygenator with active blood mixing. Gaylor JD, et al.
Trans Am Soc Artif Intern Organs 19:516-24, 1973
New concept on atherogenesis. Shimamoto T.
Vasa 2:84-95, 1973 (36 ref.)
The pathogenesis of the vascular lesions in experimental rickettsial disease of the guinea pig (Rocky Mountain Spotted fever group). A light, immunofluorescent and electron microscopic study. Brito T de, et al.
Virchows Arch [Pathol Anat] 358:205-14, 1973
Quantitative determination of fibrin deposition in organs of rats in the early post-burn period. Rammer L. **Z Rechtsmed 71:114-9, 28 Nov 72**
[Hemostatic disorders in the treatment of leukoblastosis with L-asparaginase (crasnitin)] Genova V. **Vutr Boles 12:43-9, 1973 (Eng. Abstr.) (Bul)**
[Recent advances in hemocoagulation] Pstružinová H. **Cas Lek Cesk 112:705-9, 1973 (Eng. Abstr.) (Cze)**
[Fibrinolysis, fibrinogen and stability of fibrin in the newborn infants] Hrodek O.
Cesk Pediatr 28:54-7, Feb 73 (Eng. Abstr.) (Cze)
[Structural anomaly of Metz fibrinogen, localized on the (A) chain of the molecule] Soria J, et al.
Biochimie 54:415-7, 1972 (Eng. Abstr.) (Fre)
[Is induced melanisation of feathers in poultry due to the action of a virus?] Leroy P, et al.
Bull Biol Fr Belg 106:91-100, 1972 (Eng. Abstr.) (Fre)
[Chemical structure of fibrinogen in modified chickens] Danan JL, et al.
C R Acad Sci [D] (Paris) 676:835-7, 29 Jan 73 (Fre)
[Characteristics of the chemical structure of chick fibrinogen] Guinebault PR, et al.
C R Acad Sci [D] (Paris) 275:3013-6, 18 Dec 72 (Fre)
[Spectrophotometric determination of the tyrosine and tryptophan content of bovine fibrinogen] Marguerie G, et al.
C R Acad Sci [D] (Paris) 275:603-6, 24 Jul 72 (Fre)
[Importance of shock in the activation of fibrinolysis caused by injection of incompatible blood in dogs. Effect of a previous hypotension] Dosne AM.
C R Soc Biol (Paris) 165:2299-304, 1971 (Fre)
[Minimum consumption coagulopathies with normal or raised fibrinogen level] Salvatori JM, et al.
Nouv Presse Med 2:512, 24 Feb 73 (Fre)
[Attempt at explanation of the mechanism of labor. I. Coagulation system and fibrinolysis during physiological labor] Konopka P, et al.
Rev Fr Gynecol Obstet 68:1-6, Jan 73 (Eng. Abstr.) (Fre)
[Transfusion accident due to ABO incompatibility. Heparin treatment] Pire JC, et al.
Rev Fr Transfus 15:331-5, Dec 72 (Eng. Abstr.) (Fre)
[Cryptogenic anti-S inhibitor] Rochon M, et al.
Union Med Can 100:2353-6, Dec 71 (Eng. Abstr.) (Fre)
[Measurement of fibrinogen degradation products: its usefulness in consumption coagulopathies] Thuot C, et al.
Union Med Can 102:66-9, Jan 73 (Eng. Abstr.) (Fre)
[Blood coagulation studies using capillary blood. II. Thrombin time and fibrinogen] Pothmann R, et al.
Biut 26:380-7, Jun 73 (Eng. Abstr.) (Ger)
[Short-term fibrinolytic treatment in acute myocardial infarction] Breddin K, et al.
Dtsch Med Wochenschr 98:861-73, 27 Apr 73 (Eng. Abstr.) (Ger)
[Sputum findings in chronic bronchitis] Bürgi H.
Dtsch Med Wochenschr 98:673-4, 20 Mar 73 (Ger)
[A special form of chronic glomerulonephritis: IgA-IgG nephropathy] Maintz J, et al.
Dtsch Med Wochenschr 97:1527-33, 13 Oct 72 (Eng. Abstr.) (Ger)
[Molecular-biology findings on various blood clotting factors] Fiedler H.
Folia Haematol (Leipz) 98:121-39, 1972 (121 ref.) (Eng. Abstr.) (Ger)
[Disseminated intravascular coagulation due to shock and its treatment with heparin] Hörder MH, et al.
Helv Chir Acta 39:585-8, Dec 72 (Ger)
[Efficiency and limits of laboratory diagnosis of diffuse intravascular blood coagulation processes] Heene DL, et al. **Internist (Berlin) 14:154-9, Apr 73 (Ger)**
[Efficiency and limits of fibrinolytic system function tests] Loo J van de.
Internist (Berlin) 14:170-4, Apr 73 (Ger)
[Efficiency and limits of blood coagulation tests] Róka L. **Internist (Berlin) 14:149-53, Apr 73 (Ger)**
[Efficiency and limits of immunologic methods in the diagnosis of blood coagulation] Schwick HG, et al.
Internist (Berlin) 14:160-9, Apr 73 (Ger)
[Reptilase time in relation to fetal fibrinogen] Krause W, et al.
Klin Wochenschr 51:94-5, 15 Jan 73 (Eng. Abstr.) (Ger)
[Disseminated intravascular coagulation as a hemorrhagic complication in surgery] Glassner K, et al. **Med Monatsschr 26:233-5, May 72 (Ger)**
[Parietal thromboplastin time, thromboplastin time fibrinogen, thrombin time and thrombocyte count in healthy and sick newborn infants] Göbel U, et al.
Monatsschr Kinderheilkd 120:484-8, Dec 72 (Eng. Abstr.) (Ger)
[Influence of single and repeated hemodialises on the blood coagulation status] Albert FW, et al.
Munch Med Wochenschr 114:1917-21, 3 Nov 72 (Eng. Abstr.) (Ger)
[Blood coagulation disorders in a chronic eosinophilic leukemia] Zöller H.
Munch Med Wochenschr 115:1036-8, 1 Jun 73 (Eng. Abstr.) (Ger)
[Kininogen content of serum and plasma following tissue injury in rats] Zach HP, et al.
Naunyn Schmiedebergs Arch Pharmacol 276:167-80, 23 Feb 73 (Eng. Abstr.) (Ger)
[Coagulation parameters in mother and newborn infant] Biland L, et al.
Schweiz Med Wochenschr 102:1611-2, 4 Nov 72 (Eng. Abstr.) (Ger)
[Quality control in the hematologic laboratory] Bucher HJ.
Schweiz Med Wochenschr 102:1857-66, 23 Dec 72 (Eng. Abstr.) (Ger)
[Acquired isolated factor X deficiency in generalized amyloidosis] Wick A, et al.
Schweiz Med Wochenschr 102:1799-803, 9 Dec 72 (Ger)
[Coagulation changes following injection of a purified contact activation product] Barth P, et al.
Verh Dtsch Ges Inn Med 77:1029-32, 1971 (Ger)
[A new case of dysfibrinogenemia] Krause W, et al.
Verh Dtsch Ges Inn Med 78:1651-3, 1972 (Ger)
[Diagnosis and therapy of consumption coagulopathy] Lechner K.
Wien Klin Wochenschr 85:467-70, 29 Jun 73 (Eng. Abstr.) (Ger)
[A screening micro method for the determination of fibrinogen in plasma] Valníček S, et al.
Z Med Labortech 13:163-8, 1972 (Eng. Abstr.) (Ger)
[Symptoms of the acute syndrome phase in Salmonelloses] Prokopowicz D.
Zentralbl Bakteriol [Orig A] 220:526-31, Jun 72 (Eng. Abstr.) (Ger)
[Natural inhibitors of coagulation in surgery as compared to blood donors] Frick G, et al.
Zentralbl Chir 97:1535-40, 28 Oct 72 (Ger)
[Behavior of rat serum proteins and SH groups during

the course of experimental arthritis] Frigeni V, et al.
Boll Chim Farm 111:688-93, Nov 72 (Eng. Abstr.) (Ita)

[Kidney and hemostasis. I. Significance of the fibrinogen-similar material in immunologic renal diseases and in crisis of transplanted kidney rejection] Donati MB, et al.
Clin Ter 63:407-23, 15 Dec 72 (Ita)

[Significance of some humoral and cytological indices in active stages of Hodgkin's disease] Barbui T, et al.
Haematologica (Pavia) 57:488-92, 1972 (Eng. Abstr.) (Ita)

[Serodiagnosis of rheumatic carditis] Kindler U.
Minerva Med 63:5239-43, 26 Dec 72 (Ita)

[Basic principles of the therapy of shock] Schröder R.
Minerva Med 63:5243-6, 26 Dec 72 (Ita)

[Mass screening for early diagnosis of malignant tumors with hematochemical examinations] Sforza M, et al.
Minerva Med 62:4399-404, 24 Nov 71 (Eng. Abstr.) (Ita)

[Clinical signifcance of FDP in surgery] Ninomiya K.
Acta Haematol Jap 35:651, Oct 72 (Eng. Abstr.) (Jap)

[Assay methods and significance of fibrin-fibrinogen degradation products in blood] Shinada S.
Acta Haematol Jap 35:607-16, Oct 72 (Eng. Abstr.) (Jap)

[Antisera to fibrinogen degradation products, fragments D and E] Sudo T, et al.
Acta Haematol Jap 35:652-3, Oct 72 (Eng. Abstr.) (Jap)

[Fibrinolysis in arterioscierotic diseases. Its relationship with serum-fats] Takizawa S.
J Jap Soc Intern Med 62:140-53, Feb 73 (Jap)

[Consumption coagulopathy observed mainly in obstetrics] Masaki M.
Jap J Clin Hematol 13:195-7, Apr 72 (Jap)

[Hemorrhagic diathesis with increased fibrinolytic enzyme activities in the field of surgery] Murakami F, et al.
Jap J Clin Hematol 13:187-94, Apr 72 (Eng. Abstr.) (Jap)

[Evaluation of staphylococcal clumping test and its clinical application] Nakazawa S, et al.
Jap J Clin Hematol 13:363-9, Jun 72 (Eng. Abstr.) (Jap)

[Studies on human fibrin-agar plate (H-FAP)method for the estimation of fibrinolytic activity] Ota E, et al.
Jap J Clin Hematol 14:769-76, Jul 73 (Jap)

[Determination of FDP by staphylococcal clumping test and the significance of the method in consumption coagulopathy] Yamada K, et al.
Jap J Clin Hematol 13:411-4, Jun 72 (Jap)

[Detection of fibrinogen and fibrin degradation products (FDP) and its clinical significance] Fujimaki M, et al.
Jap J Clin Med 31:798-804, Apr 73 (45 ref.) (Jap)

[Fibrinogen determination by thrombin time method] Hashimoto S. **Jap J Clin Pathol** 21:615-20, Jul 73 (Jap)

[Clinical application of electrophoresis. 3. Analysis of ascitic and pleural fluid proteins] Takayanagi N.
Jap J Clin Pathol 21:214-6, Mar 73 (Jap)

[Existence of glomerulus-bound anti-renal basement membrane IgG in human chronic glomerulonephritic kidneys] Masugi Y, et al.
Jap J Nephrol 14:341-55, Sep 72 (Eng. Abstr.) (Jap)

[Blood-clotting and fibrinolytic enzyme system in blood and tissue in experimental urinary bladder tumors in rats induced by oral administration of N-butyl-N-butanol(4)-nitrosamine] Sasaki N.
Jap J Urol 64:383-96, May 73 (Eng. Abstr.) (Jap)

[Histochemistry of the connective tissue in rheumatism] Watanabe Y.
Ryumachi 12:3-5, Feb 72 (Jap)

[Simple routine method for fibrinogen determination] Arnesen H, et al.
Tidsskr Nor Laegeforen 92:1526-7, 30 Aug 72 (Eng. Abstr.) (Nor)

[Fibrinogenopathies] Stahl M.
Acta Haematol Pol 3:93-9, Jan-Mar 72 (22 ref.) (Pol)

[Fibrinogen level and its relation to other biochemical parameters in nephrotic syndrome] Palester-Chlebowczyk M, et al.
Pol Arch Med Wewn 50:361-72, Apr 73 (Eng. Abstr.) (Pol)

[Fibrinogen determination] Chlubek S.
Wiad Lek 25:1763-6, 1 Oct 72 (Eng. Abstr.) (Pol)

[Blood fibrinogen level and erythrocyte sedimentation rate] Gębicki L, et al.
Wiad Lek 26:129-33, 15 Jan 73 (Eng. Abstr.) (Pol)

[Plasmatic haptoglobin in chronic coronary disease and in myocardial infarct. Physiopathological significance. Diagnostic importance] Păunescu-Podeanu A, et al.
Med Interna (Bucur) 25:17-24, Jan 73 (Eng. Abstr.) (Rum)

[Quantitative determination of human fibrinogen with the immunodiffusiometric method] Mitrică N, et al.
Microbiol Parazitol Epidemiol (Bucur) 18:163-8, Mar-Apr 73 (Eng. Abstr.) (Rum)

[Circadiam rhythm of fluctuations in indices of human blood coagulating and anticoagulating systems] Zaslavskaia RM, et al.
Fiziol Zh SSSR 59:95-8, Jan 73 (Eng. Abstr.) (Rus)

[Microcalorimetric study of a heparin complex formation with thrombogenic proteins] Rozenfel'd MA, et al.
Izv Akad Nauk SSSR [Biol] 3:446-50, May-Jun 72 (Eng. Abstr.) (Rus)

[Use of various blood coagulation indices as supplementary criteria for the activity of the rheumatic process] Gurevich VM.
Kardiologiia 12:122-4, Oct 72 (Rus)

[Use of homologous blood, preserved in liquid nitrogen (-196 degrees C) in acute gastroduodenal bleeding] Bratus' VD, et al. **Klin Khir** 4:1-3, Apr 73 (Rus)

[Characteristics of the dynamics of the fibrinogen level and the fibrinolysis indices in the blood of the human coronary bed] Chazov EI, et al.
Klin Med (Mosk) 50:24-9, Dec 72 (Eng. Abstr.) (Rus)

[Evaluation of blood fibrinolytic activity] Avdeeva NA.
Lab Delo 11:668-9, 1972 (Rus)

[Fibrinogen and fibrin determination in plasma and blood] Ivanov EP. **Lab Delo** 9:517-21, 1972 (Rus)

[Modification of the Bidwell method of fibrinogen and fibrinolysis determination] Tsushko VS.
Lab Delo 7:416-7, 1972 (Rus)

[Plasma fibrinogen levels in practically healthy school-age children--indigenous inhabitants of high and low mountain areas of Kirghizia] Lukashevich AV.
Sov Zdravookhr Kirg 1:16-8, Jan-Feb 72 (Rus)

[Hemocoagulation in patients with peptic ulcer and its complications] Starukhin AM.
Ter Arkh 44:82-5, Nov 72 (Eng. Abstr.) (Rus)

[Plasma fibrinogen level and the metabolism of fibrinogen-I-131 in rats treated with hydrocortisone] Byshevskii ASh, et al.
Vopr Med Khim 19:152-6, Mar-Apr 73 (Eng. Abstr.) (Rus)

[The interrelationship between vitamins A and K and their influence on the blood coagulation system] Andreenko GV, et al.
Vopr Pitan 31:48-52, Jul-Aug 72 (Eng. Abstr.) (Rus)

[Characteristics of nonenzymatic fibrinolytic activity and the formation of adrenaline-heparin and noradrenaline-heparin complexes in the blood in logoneurosis] Podol'skaia OV, et al.
Zh Nevropatol Psikhiatr 73:711-5, 1973 (Eng. Abstr.) (Rus)

[Symptoms of toxicity of organic selenium in rats] Jaffé WG, et al.
Arch Latinoam Nutr 22:467-81, Sep 72 (Eng. Abstr.) (Spa)

[Thrombelastography applied to the study of hypercoaguability] Vailiant SB, et al.
Rev Clin Esp 125:533-8, 30 Jun 72 (Eng. Abstr.) (Spa)

[Isolation and characterization of an high-molecular tryptic fibrinogen fragment--an inhibitor of fibrin polymerization] Belitser VO, et al.
Ukr Biokhim Zh 44:411-7, 1972 (Eng. Abstr.) (Ukr)

[Ultraviolet fluorescence of fibrinogen fragment--an inhibitor of fibrin polymerization] Varents'ka TV.
Ukr Biokhim Zh 44:787-91, 1972 (Eng. Abstr.) (Ukr)

[Physicochemical properties of a tryptic fibrinogen fragment--an inhibitor of fibrin polymerization] Varets'ka TV, et al.
Ukr Biokhim Zh 44:418-23, 1972 (Eng. Abstr.) (Ukr)

[Effect of physical activity on fibrinolytic processes in healthy subjects] Ciko Z.
Vojnosanit Pregl 29:494-7, Nov 72 (Cro)

ANTAGONISTS & INHIBITORS

Degradation of stabilized and nonstabilized fibrin clots by plasmin: an immunological study. Gormsen J, et al.
Ann NY Acad Sci 202:329-34, 8 Dec 72

The effect of an inhibitor of the thrombin-fibrinogen reaction on thrombin-induced blood-platelet aggregation. Flengsrud R, et al.
Biochem J 130:899-900, Dec 72

Conservative management of thrombo-embolism. Flute PT. **Br J Surg** 59:834-6, Oct 72

The effects of Naja flava venom on blood coagulation. Mohamed AH, et al. Toxicon 10:619-25, Oct 72
The effect of the purified anticoagulant principle of Agkistrodon acutus venom on blood coagulation. Ouyang C, et al. Toxicon 11:287-92, Apr 73
[Glomerular nephropathies treated with anticoagulants. Unusual course studied with immunofluorescence followed by repeated renal biopsies] Meyrier A, et al.
J Urol Nephrol (Paris) 78:738-40, Sep 72 (Fre)

BIOSYNTHESIS

Extra-adrenal effect of ACTH on fibrinogen synthesis. Seligsohn U, et al. Am J Physiol 224:1172-9, May 73
Goodpasture syndrome. Dissociation from antibodies to glomerular basement membrane. Beirne GJ, et al. Arch Intern Med 132:261-3, Aug 73
The effect of cortisol on the synthesis of rat plasma albumin, fibrinogen and transferrin. Jeejeebhoy KN, et al. Biochem J 130:533-8, Nov 72
The acute effect of ethanol on albumin, fibrinogen and transferrin synthesis in the rat. Jeejeebhoy KN, et al. Biochem J 126:1111-24, Mar 72
Plasma protein biosynthesis in different thyroid states. Nadkarni GD, et al. Biochem Med 7:226-34, Apr 73
A model which can be used to improve the treatment of acute hepatic failure. Winch J.
Br J Surg 59:771-6, Oct 72
Erythrocyte sedimentation rate in hyperlipidaemia. Wardle EN. Br Med J 3:109, 14 Jul 73
The comparative effects of nutritional and hormonal factors on the synthesis of albumin, fibrinogen and transferrin. Jeejeebhoy KN, et al.
Ciba Found Symp 9:217-47, 1972
Studies with a mass balance method of measuring fibrinogen synthesis. Reeve EB, et al.
Ciba Found Symp 9:91-111, 1972
Effects of intravenous neuraminidase on the turnover of fibrinogen. Regoeczi E, et al.
Ciba Found Symp 9:181-201, 1972
Effect of spironolactone and phenobarbital on the plasma fibrinogen in rats. Tóth S, et al.
Experientia 28:1289-90, 15 Nov 72
Effect of whole-body x-irradiation on plasma-protein synthesis: role of adrenals. Nadkarni GS, et al. Int J Radiat Biol 23:469-76, May 73
Effects of hypothyroidism, hyperthyroidism, and thyroxine on net synthesis of plasma proteins by the isolated perfused rat liver. Modulation of the response to insulin plus cortisol in the net synthesis of albumin, fibrinogen, 1-acid glycorprotein, 2-(acute phase) globulin, and haptoglobin. Griffin EE, et al. J Biol Chem 248:4716-23, 10 Jul 73
Failure of heparin, epsilon aminocaproic acid, or both agents to prevent increased fibrinogen levels after endotoxin in rabbits. Logan LJ, et al.
Proc Soc Exp Biol Med 142:321-3, Jan 73
Fibrinogen synthesis in adrenalectomized rabbits. Seligsohn U, et al.
Proc Soc Exp Biol Med 142:824-8, Mar 73
Factors regulating plasma protein synthesis. II. Influence of fibrinogenolytic products on plasma fibrinogen concentration. Bocci V, et al.
Thromb Diath Haemorrh 29:63-75, 28 Feb 73
Patterns of incorporation of 75 Se-methionine into fibrinogen and other plasma proteins in rabbits stimulated by different test conditions. Seligsohn U, et al. Thromb Diath Haemorrh 29:76-86, 28 Feb 73
[Fibrinogen. Hereditary hypo--and dysfibrinogenemia] Gajdos A.
Nouv Presse Med 2:1067-71, Apr 73 (30 ref.) (Fre)
[Does a fetal fibrinogen exist? Statistical study of fibrin formation in a population of premature, term and postmature newborn infants] Aguercif M, et al.
Pediatrie 28:381-99, Jun 73 (Fre)
[Plasma fibrinogen levels in prolonged administration of various doses of hydrocortisone] Koigushskaia GP, et al. Vrach Delo 4:105-7, Apr 73 (Eng. Abstr.) (Rus)

BLOOD

Immunoelectrophoretic study on the Postmortem cadaver blood in sudden death. Haba K.
Acta Haematol Jap 34:219-27, Apr 71
Metabolic disorders of platelets. Hellem AJ.
Adv Intern Med 17:171-87, 1971 (69 ref.)
The effect of clofibrate on components of the fibrinolytic enzyme system. Ogston D, et al.
Atherosclerosis 16:273-6, Sep-Oct 72
Some observations on the aetiology and management of coagulation failure complicating abruptio placentae. Basu HK. J Indian Med Assoc 58:409-16, 1 Jun 72
Prolonged extracorporeal respiration with a membrane gas exchanger. Awad JA, et al.
J Thorac Cardiovasc Surg 66:40-51, Jul 73
Fibrinolytic activity in dental cysts. Harris M, et al.
Oral Surg 35:818-26, Jun 73
[The effect of stachydrine alkaloid on the blood coagulation system] Mansurov MM.
Farmakol Toksikol 35:715-7, Nov-Dec 72 (Eng. Abstr.) (Rus)
[The effect of vitamin B-15 on the level of cholesterol and the functional state of the anticoagulant system of the blood of animals] Andreenko GV, et al.
Kardiologiia 12:40-5, Dec 72 (Eng. Abstr.) (Rus)
[The effect of hyaluronidase on the course of experimental atherosclerosis] Pertsovskii AI, et al.
Kardiologiia 13:37-40, Mar 73 (Eng. Abstr.) (Rus)
[Formation of noradrenaline-heparin and adrenaline-heparin complexes in the blood of young people under emotional and intellectual stress] Kudriashov BA, et al.
Vopr Med Khim 18:385-90, Jul-Aug 72 (Eng. Abstr.) (Rus)

CHEMICAL SYNTHESIS

[Preparation of fibrinogen at a Republic Blood Transfusion Station] Grudzitskii IA, et al.
Probl Gematol Pereliv Krovi 17:59-61, Jul 72 (Rus)

CLASSIFICATION

[Fibrinogenopathies] Stahl M.
Acta Haematol Pol 3:93-9, Jan-Mar 72 (22 ref.) (Pol)

DIAGNOSTIC USE

The diagnosis of venous thrombosis in the legs using I-labelled fibrinogen. An experimental and clinical study. Becker J. Acta Chir Scand 138:667-81, 1972
The incidence of postoperative venous thrombosis of the legs. A comparative study on the prophylactic effect of dextran 70 and electrical calf-muscle stimulation. Becker J, et al.
Acta Chir Scand 139:357-67, 1973
Post-operative venous thrombosis. A clinical and experimental study with special reference to early diagnosis, prophylaxis, course and some haematological findings. Becker J.
Acta Chir Scand [Suppl] 431:1-38, 1972
Heparin, platelets, and venous thrombosis. O'Brien JR.
Am Heart J 85:435-8, Apr 73 (16 ref.)
Paralysis of the legs and venous thromboembolism. Warlow C, et al. Am Heart J 85:280-1, Feb 73
The plasma protamine paracoagulation test: clinical and laboratory evaluation. Kidder WR, et al.
Am J Clin Pathol 58:675-86, Dec 72
Venous thromboses in myocardial infarction. Comparison in heparin dosage. Habersberger PG, et al. Br Heart J 35:538-42, May 73
Microangiopathic haemolytic anaemia (MHA). Brain MC. Br J Haematol 23:Suppl:45-52, Sep 72 (70 ref.)
Review of knowledge obtained from the 125I-fibrinogen technique. Kakkar VV.
Br J Haematol 25:272-3, Aug 73
A clinical assessment of newer techniques in the diagnosis of venous thrombosis. Kakkar VV.
Br J Radiol 46:158, Feb 73
Studies in the diagnosis of venous thrombosis using 125 I-fibrinogen in surgical patients. Ruckley CV.
Br J Radiol 46:158, Feb 73
The diagnosis of acute fibrinous pericarditis using 125 I labelled fibrinogen. Wray R, et al.
Br J Radiol 46:217-9, Mar 73
High blood viscosity: an aetiological factor in venous thrombosis. Dormandy JA, et al.
Br J Surg 60:187-90, Mar 73
An improved electrical impedance technique for the detection of deep-vein thrombosis. Johnston KW, et al. Br J Surg 60:313, Apr 73
The risk of deep-vein thrombosis in surgical patients. Nicolaides A, et al. Br J Surg 60:312, Apr 73
Venous stasis and deep-vein thrombosis. Nicolaides AN, et al. Br J Surg 59:713-7, Sep 72
The detection and prediction of acute rejection episodes in human renal transplants using radioactive fibrinogen. Yeboah ED, et al.
Br J Urol 45:273-80, Jun 73

Postoperative deep vein thrombosis in Sudanese patients. Hassan MA, et al. **Br Med J** 1:515-7, 3 Mar 73
Puerperal thromboembolic disease in "high risk" cases. Jackson P. **Br Med J** 1:263-4, 3 Feb 73
Criteria in radioisotope detection of venous thrombosis. Jeyasingh K, et al. **Br Med J** 3:500-3, 26 Aug 72
Optimal electrical stimulus for prevention of deep vein thrombosis. Nicolaides AN, et al. **Br Med J** 3:756-8, 23 Sep 72
Radioisotope detection of venous thrombosis. Talbot S. **Br Med J** 4:50, 7 Oct 72
Deep vein thrombosis in a Queensland hospital. Williams OB, et al. **Br Med J** 1:517-9, 3 Mar 73
Peripheral vascular disease today. Lippmann HI. **Bull NY Acad Med** 49:674-88, Aug 73
Natural history of thrombophlebitis and its relationship to pulmonary embolism. Provan JL, et al. **Can J Surg** 16:284-9, Jul 73
Prevention of deep vein thrombosis. Nicolaides AN. **Geriatrics** 28:69-77, Feb 73
Labelled fibrinogen. A brief review. Bettigole RE. **J Med (Basel)** 4:55-9, 1973
Low doses of subcutaneous heparin in the prevention of deep vein thrombosis after gynaecological surgery. Ballard RM, et al. **J Obstet Gynaecol Br Commonw** 80:469-72, May 73
Tracheal aspiration and fiber optic bronchoscopy. Vaisrub S. **JAMA** 221:1162, 4 Sep 72
Site of origin of venous thrombi. Allenby F, et al. **Lancet** 2:199, Jul 73
Diagnosis of deep venous thrombosis. Bergqvist D, et al. **Lancet** 1:1002, 5 May 73
Temperature-chart analysis in the diagnosis of postoperative deep-vein thrombosis. Faris IB, et al. **Lancet** 2:775-6, 14 Oct 72
Peripheral venous scanning with 125 I-tagged fibrinogen in pulmonary embolism. Konttinen YP, et al. **Lancet** 2:972, 4 Nov 72
Peripheral venous scanning with 125I-tagged fibrinogen. Mavor GE, et al. **Lancet** 1:661-3, 25 Mar 72
Small doses of subcutaneous sodium heparin in preventing deep venous thrombosis after major surgery. Nicolaides AN, et al. **Lancet** 2:890-3, 28 Oct 72
131 I-labelled-fibrinogen test: effect of 131 I-albumin. Warlow C, et al. **Lancet** 2:1196, 2 Dec 72
The use of anticoagulants in the prevention of venous thrombosis after myocardial infarction. Pussell BA, et al. **Med J Aust** 2:1101-3, 11 Nov 72
The detection of venous thrombosis. **Med J Aust** 2:695-6, 23 Sep 72
Dextran 70 in the prevention of post-operative deep-vein thrombosis with observations on pulmonary embolism: report on a pilot study. Stephenson CB, et al. **NZ Med J** 77:302-5, May 73
Advances in the treatment of peripheral vascular disease. Gillespie JA. **Practitioner** 209:519-27, Oct 72 (21 ref.)
Renal transplant rejection detected with 125 I-fibrinogen. Salaman JR. **Proc R Soc Med** 65:476, May 72
The use of iodinated fibrinogen for localization of deep venous thrombi by scintiscanning. Dugan MA, et al. **Radiology** 106:445-6, Feb 73
Autoradiographic study of erupting teeth in rats after intracardial injection of 131 I-fibrinogen. Magnusson B. **Scand J Dent Res** 81:130-4, 1973
The use of 125 I-fibrinogen in the detection of renal allograft rejection. Rat model. Blamey RW, et al. **Transplantation** 16:5-8, Jul 73
Leg vein thrombosis diagnosed by 125 I-fibrinogen test in patients with fracture of the hip: a study of the effect of early prophylaxis with dicoumarol or dextran 70. Bergqvist D, et al. **Vasa** 2:121-6, 1973
[Acute phlebitis diagnosis by the radioactive fibrinogen test] Serradimigni A, et al. **Mars Med** 109:491-5, 1972 **(Fre)**
[Thromboembolic disease in surgery. Current aspects of its detection and preventive treatment. 1] Toulemonde F. **Phlebologie** 25:205-18, Apr-Jun 72 (Eng. Abstr.) **(Fre)**
[Animal experimental studies on tumor diagnosis with 131-I fibrinogen] Hilgard P, et al. **Nucl Med (Stuttg)** 9:39-42, 1971 **(Ger)**
[Nuclear medicine tumor diagnosis] Strötges MW. **Nucl Med (Stuttg)** 9:21-34, 1971 (74 ref.) **(Ger)**

ISOLATION & PURIFICATION

The quantitative determination of fibrinogen in normal bovine plasma and in cows with inflammatory conditions. Ek N. **Acta Vet Scand** 13:175-84, 1972
In vivo behavior of fibrinogen fragment D in experimental renal, hepatic and reticuloendothelial dysfunction. Hayne OA, et al. **Am J Pathol** 71:219-38, May 73
Human fibrinogen free of factor XIII: the pursuit of biological zero. Finlayson JS. **Ann NY Acad Sci** 202:149-54, 8 Dec 72
Deposition of modified fibrinogen within the aortic intima. Shainoff JR, et al. **Atherosclerosis** 16:287-305, Nov-Dec 72
Heterogeneity of human adult and fetal fibrinogen: detection of derivatives indicative of thrombin proteolysis. Mills DA, et al. **Biochim Biophys Acta** 285:398-403, 28 Dec 72
Intravascular coagulation in acute leukemia: clinical and subclinical abnormalities. Grainick HR, et al. **Blood** 40:709-18, Nov 72
The chemotactic activity of fibrin lysis products. Stecher VJ, et al. **Int Arch Allergy Appl Immunol** 43:879-86, 1972
Factors regulating plasma protein synthesis. 3. Large scale separation of rabbit fibrinogenolytic products. Pessina GP, et al. **Ital J Biochem** 21:155-68, Jul-Aug 72
Degradation of human fibrinogen by plasma alpha2-macroglobulin-enzyme complexes. Harpel PC, et al. **J Clin Invest** 52:2175-84, Sep 73
Characterization and significance of urinary fibrin degradation products. Cortes P, et al. **J Lab Clin Med** 82:377-89, Sep 73
Rapid preparation of autologous radioiodinated fibrinogen. Roberts RC, et al. **J Nucl Med** 13:843-6, Nov 72
Platelet neutral mucoprotein and plasma fibrinogen. Morelli AC, et al. **Medicina (B Aires)** 32:573-87, Nov-Dec 72
Plasma fibrinogen bindings in hyperthrombosis. Morelli AC, et al. **Medicina (B Aires)** 32:561-72, Nov-Dec 72
The pharmacological properties of seclazone (7-chloro-3,3a-dihydro-2H, 9H-isoxazolo (3,2-b) (1,3) benzoxazin-9-one) a new anti-inflammatory agent. Berger FM, et al. **Pharmacology** 9:164-76, 1973
Studies on the role of fibrinolysis and fibrinogen degradation products (FDP) in analgesic action of morphine. Buczko W, et al. **Thromb Diath Haemorrh** 28:359-66, 31 Dec 72
Identification of fibrinogen derivatives in plasma samples. Graeff H, et al. **Thromb Diath Haemorrh** 27:610-8, 31 Jul 72
Fractionation of plasma with polyethylene glycol. Polson A, et al. **Vox Sang** 23:107-18, Jul-Aug 72
Precipitation methods in plasma fractionation. Steinbuch M. **Vox Sang** 23:92-106, Jul-Aug 72
Plasma fractionation in England and Wales. Vallet L. **Vox Sang** 23:58-60, Jul-Aug 72
[Use of acrylamide-agarose spherical granules for molecular exclusion chromatography of protein substances] Boschetti E, et al. **Biochimie** 54:439-44, 1972 (Eng. Abstr.) **(Fre)**
[Structural anomaly of Metz fibrinogen, localized on the (A) chain of the molecule] Soria J, et al. **Biochimie** 54:415-7, 1972 (Eng. Abstr.) **(Fre)**
[Fibrinogen: biophysical, biochemical and biological properties] Krantz S, et al. **Folia Haematol (Leipz)** 98:1-30, 1972 (283 ref.) (Eng. Abstr.) **(Ger)**
[Precipitation of factor XIII under the influence of some polysaccharides and at low temperatures] Nałęczyńska A, et al. **Acta Hepatogastroenterol (Stuttg)** 2:43-6, Jan-Mar 71 (Eng. Abstr.) **(Pol)**

METABOLISM

The accumulation and distribution of platelets and fibrin in rejecting dog kidneys. Claes G, et al. **Acta Chir Scand** 139:91-9, 1973
Fibrinolysis in human malignant tumours. Peterson HI, et al. **Acta Chir Scand** 139:219-23, 1973
The fibrinolytic enzyme system in malignant lymphomas. Ogston D, et al. **Acta Haematol (Basel)** 49:89-95, 1973
Blood coagulation, fibrinolysis and platelet function in women aged 38, 46, 50, 54 and 60. The study of women in Gothenburg 1968-1969. Korsan-Bengtsen K, et al. **Acta Med Scand** 193:543-6, Jun 73
The use of antifibrinolytic drugs to prevent early

recurrent aneurysmal subarachnoid haemorrhage. Tovi D. **Acta Neurol Scand** 49:163-75, 1973

Fibrinolytic activity of the cerebrospinal fluid after subarachnoid haemorrhage. Tovi D, et al. **Acta Neurol Scand** 49:1-9, 1973

Fibrinolytic activity of veins in the puerperium. Astedt B. **Acta Obstet Gynecol Scand** 51:325-8, 1972

Fibrin degradation products during postoperative radiotherapy of ovarian carcinoma. Svanberg L, et al. **Acta Obstet Gynecol Scand** 52:141-5, 1973

Fibrin degradation products and plasminogen in newborn infants with respiratory disturbances and postnatal asphyxia. Ekelund H, et al. **Acta Paediatr Scand** 61:661-9, Nov 72

The quantitative determination of fibrinogen in normal bovine plasma and in cows with inflammatory conditions. Ek N. **Acta Vet Scand** 13:175-84, 1972

Pseudo-leukocytosis associated with cryoglobulinemia. Emori HW, et al. **Am J Clin Pathol** 60:202-4, Aug 73

Hypofibrinogenemia associated with hemangioma of the liver. Martinez J, et al. **Am J Clin Pathol** 60:192-7, Aug 73

Evaluation of three methods for plasma fibrinogen determination. Stevens DJ, et al. **Am J Clin Pathol** 60:182-7, Aug 73

Blood coagulation studies in Plasmodium falciparum malaria. Butler T, et al. **Am J Med Sci** 265:63-7, Jan 73

Defibrination syndrome after intra-amniotic infusion of hypertonic saline. Weiss AE, et al. **Am J Obstet Gynecol** 113:868-74, 1 Aug 72

In vivo behavior of fibrinogen fragment D in experimental renal, hepatic and reticuloendothelial dysfunction. Hayne OA, et al. **Am J Pathol** 71:219-38, May 73

Serosal hypofibrinolysis. A cause of postoperative adhesions. Gervin AS, et al. **Am J Surg** 125:80-8, Jan 73

Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA. **Ann Clin Lab Sci** 1:139-54, Sep-Oct 71 (46 ref.)

Fibrinogen and the fibrinogenopathies. Morse EE. **Ann Clin Lab Sci** 1:155-61, Sep-Oct 71 (30 ref.)

Plasma protein requirements for human platelet aggregation. Bang NU, et al. **Ann NY Acad Sci** 201:280-99, 27 Oct 72

The role of ions and water in various physiological functions. Davis HL. **Ann NY Acad Sci** 204:607-8, 30 Mar 73

Platelet interaction with fibrinogen and fibrin: comparison of the interaction of platelets with that of fibroblasts, leukocytes, and erythrocytes. Niewiarowski S, et al. **Ann NY Acad Sci** 201:72-83, 27 Oct 72

Fibrin cross-linkage, thrombosis and pregnancy. Padar E. **Ann NY Acad Sci** 202:230-4, 8 Dec 72

The effect of oral contraceptives on fibrin-clot stabilization. Shanberge JN, et al. **Ann NY Acad Sci** 202:220-9, 8 Dec 72

Abnormalities of platelet aggregation in patients with alcoholic cirrhosis. Thomas DP. **Ann NY Acad Sci** 201:243-50, 27 Oct 72

Elimination of fibrinogen from synovial joints. Harrold AJ. **Ann Rheum Dis** 32:29-34, Jan 73

Nature and biological activities of degradation products of fibrinogen and fibrin. Kwaan HC, et al. **Annu Rev Med** 24:335-44, 1973 (76 ref.)

Mechanism of action of thrombin on fibrinogen. 3. Partial mapping of the active sites of thrombin and trypsin. Liem RK, et al. **Arch Biochem Biophys** 158:387-95, Sep 73

Fibrinolytic split products. A clinicopathological correlative study in adults with lupus glomerulonephritis and various renal diseases. Bond RE, et al. **Arch Intern Med** 132:182-7, Aug 73

Intravascular coagulation and glycerin hemoglobinuric acute renal failure. Wardle EN, et al. **Arch Pathol** 95:271-5, Apr 73

Fibrinogen catabolism in rats fed thrombogenic diets. Ruckdeschel JC, et al. **Atherosclerosis** 16:277-85, Nov-Dec 72

Deposition of modified fibrinogen within the aortic intima. Shainoff JR, et al. **Atherosclerosis** 16:287-305, Nov-Dec 72

Studies on fibrinogen degradation in the rat. Ittyerah TR, et al. **Biochem J** 128:131P, Jul 72

Plasma fibrinogen concentrations after intravenous administration of fibrinopeptides to rats. Ittyerah TR, et al. **Biochem J** 128:733-4, Jul 72

Plasmic degradation of human fibrinogen. II. Further characterization of fragment D. Furlan M, et al. **Biochim Biophys Acta** 310:205-16, 17 May 73

Fate of fibrinopeptides in the reaction between human plasmin and fibrinogen. Lahiri B, et al. **Biochim Biophys Acta** 303:161-70, 23 Mar 73

Direct assessment of platelet adhesion to glass: a study of the forces of interaction and the effects of plasma and serum factors, platelet function, and modification of the glass surface. George JN. **Blood** 40:862-74, Dec 72

Metabolism of human prothrombin and fibrinogen in patients with thrombocytosis secondary to myeloproliferative states. Martinez J, et al. **Blood** 42:35-46, Jul 73

Defibrination syndrome or? Merskey C. **Blood** 41:599-603, Apr 73

Fibrinogen and FDP-models of molecular pathology? Gaffney PJ. **Br J Haematol** 25:271-2, Aug 73

Microangiopathic haemolytic anaemia associated with hypercalcaemia in an experimental rat tumour. Hilgard P, et al. **Br J Haematol** 24:245-54, Feb 73

Prolonged prothrombin time and partial thromboplastin time in disseminated intravascular coagulation not due to deficiency of factors V and VIII. Mant MJ, et al. **Br J Haematol** 24:725-34, Jun 73

Observations on the mechanism of the haematological changes in the haemolytic uraemic syndrome of infancy. Metz J. **Br J Haematol** 23:Suppl:53-9, Sep 72

The significance of microangiopathic haemolytic anaemia in accelerated hypertension. Sevitt LH, et al. **Br J Haematol** 24:503-10, Apr 73

A quantitative evaluation of the inhibition of platelet aggregation by low molecular weight degradation products of fibrinogen. Solum NO, et al. **Br J Haematol** 24:419-34, Apr 73

Relationship between blast-cell morphology and occurrence of a syndrome of disseminated intravascular coagulation. Sultan C, et al. **Br J Haematol** 24:255-9, Feb 73

The diagnosis of deep-vein thrombosis. Negus D. **Br J Surg** 59:830-4, Oct 72

Serum and urine fibrinogen-fibrin-related antigen (F.R.-antigen) levels in renal disease. Briggs JD, et al. **Br Med J** 4:82-5, 14 Oct 72

Criteria in radioisotope detection of venous thrombosis. Jeyasingh K, et al. **Br Med J** 3:500-3, 26 Aug 72

Mechanisms of thrombocytopenia in malignant tertian malaria. Skudowitz RB, et al. **Br Med J** 2:515-8, 2 Jun 73

Fibrinogen-fibrin degradation product levels in different types of intravascular haemolysis. Slater SD, et al. **Br Med J** 3:471-3, 1 Sep 73

Fibrinogen catabolism study of three patients with bacterial endocarditis and renal disease. Wardle EN, et al. **Br Med J** 3:255-7, 4 Aug 73

Effect of heparin on renal function in patients with oliguria. Wardle EN, et al. **Br Med J** 4:135-8, 21 Oct 72

Platelet and fibrinogen kinetics in the chronic myeloproliferative disorders. Brodsky I, et al. **Cancer** 30:1444-50, Dec 72

Acute-phase proteins in wound healing. Gordon AH. **Ciba Found Symp** 9:73-90, 1972 (40 ref.)

Studies with a mass balance method of measuring fibrinogen synthesis. Reeve EB, et al. **Ciba Found Symp** 9:91-111, 1972

Effects of intravenous neuraminidase on the turnover of fibrinogen. Regoeczi E, et al. **Ciba Found Symp** 9:181-201, 1972

A study of intravascular coagulation in immune complex glomerulonephritis by use of 131-I-labelled fibrinogen and 125I-labelled antigen. Wardle EN. **Clin Sci** 45:35-50, Jul 73

Fibrinogen and albumin catabolism in experimental pancreatitis in the rat. Wardle EN. **Clin Sci** 44:26P, Jun 73

Studies of the coagulation process in the crayfish, Orconectes virilis: attempts to identify a fibrinogen-like factor. Wood PJ, et al. **Comp Biochem Physiol [B]** 42:41-8, 15 May 72

Experimental studies on the mechanisms of fibrinogen uptake in a rat tumour. Peterson HI, et al. **Eur J Cancer** 8:677-81, Dec 72

Release of fibrinolytic activators from human tumours cultured in vitro. Björlin G, et al. **Experientia** 28:833-4, 15 Jul 72

Synthetic low molecular weight inhibitors of thrombin. Geratz JD. **Folia Haematol (Leipz)** 98:455-70, 1972

Experimental hepatic necrosis: studies on coagulation abnormalities, plasma clearance, and organ distribution of 125I-labelled fibrinogen. Rake MO, et al. **Gut** 14:574-80, Jul 73

Surface accumulation and reduced survival of I 125

-fibrinogen during wound healing. Herold G, et al. **Helv Med Acta** 37:57-61, 1973

Factors regulating plasma protein synthesis. 3. Large scale separation of rabbit fibrinogenolytic products. Pessina GP, et al. **Ital J Biochem** 21:155-68, Jul-Aug 72

Anti-estrogens and plasma proteins. II. Contraceptive drugs and gestagens. Barbosa J, et al. **J Clin Endocrinol Metab** 36:706-14, Apr 73

Anti-estrogens and plasma proteins. I. Clomiphene and isomers, ethamoxytriphetol, U-11,100A and U-11,555A. Barbosa J, et al. **J Clin Endocrinol Metab** 36:666-78, Apr 73

Degradation of human fibrinogen by plasma alpha2-macroglobulin-enzyme complexes. Harpel PC, et al. **J Clin Invest** 52:2175-84, Sep 73

Plasmin-induced platelet aggregation and platelet release reaction. Effects on hemostasis. Niewiarowski S, et al. **J Clin Invest** 52:1647-59, Jul 73

Plasmin-induced platelet aggregation and platelet release reaction. Effects on hemostasis. Niewiarowski S, et al. **J Clin Invest** 22:1647-59, Jul 73

Mechanism of ancrod anticoagulation. A direct proteolytic effect on fibrin. Pizzo SV, et al. **J Clin Invest** 51:2841-50, Nov 72

Immunobiology of fibrinogen. Emergence of neoantigenic expressions during physiologic cleavage in vitro and in vivo. Plow E, et al. **J Clin Invest** 52:273-82, Feb 73

A comparison of the TRCII and latex-particle tests for the titration of FR-antigen. Arocha-Piñango CL. **J Clin Pathol** 25:757-61, Sep 72

The fibrinolytic enzyme system in hypertension. Bennett B, et al. **J Clin Pathol** 26:351-3, May 73

Detection of fibrinogen-fibrin degradation products by counterelectrophoresis. Brody JI. **J Clin Pathol** 25:754-6, Sep 72

The role of fibrin deposition in diabetic glomerulosclerosis: a light, electron and immunofluorescence microscopy study. Farquhar A, et al. **J Clin Pathol** 25:657-67, Aug 72

The detection of fibrinogen-fibrin degradation products by means of a new antibody-coated latex particle. Garvey MB, et al. **J Clin Pathol** 25:680-2, Aug 72

The production and testing of staphylococci with clumping factor activity for use in the assay of fibrinogen degradation products. Richardson G. **J Clin Pathol** 26:377-80, May 73

A technique for demonstrating fibrinolysis by cutaneous bacteria. Somerville DA. **J Clin Pathol** 25:740-1, Aug 72

An enzymatic function associated with transformation of fibroblasts by oncogenic viruses. I. Chick embryo fibroblast cultures transformed by avian RNA tumor viruses. Unkeless JC, et al. **J Exp Med** 137:85-111, 1 Jan 73

Degradation products of fibrinogen and fibrin in bacteremia due to gram-negative rods. Satterwhite TK, et al. **J Infect Dis** 127:437-41, Apr 73

Characterization and significance of urinary fibrin degradation products. Cortes P, et al. **J Lab Clin Med** 82:377-89, Sep 73

Unsatisfactory biologic behavior of I-fibrinogen labeled by the chloramine-T method. Metzger JM, et al. **J Lab Clin Med** 82:267-75, Aug 73

The effect of saline loading on endotoxin-induced disseminated intravascular coagulation. Theiss W, et al. **J Lab Clin Med** 81:431-42, Mar 73

Influence of dietary lipids on plasma and hepatic lipids and on blood clotting properties in rats fed oral contraceptives. Tabacchi MH, et al. **J Nutr** 103:1270-8, Sep 73

The coagulation and fibrinolytic properties of peritoneal and venous blood in patients with ruptured ectopic pregnancy. Carty MJ, et al. **J Obstet Gynaecol Br Commonw** 80:701-3, Aug 73

Hypofibrinogenemic states in obstetrics. Sise HS. **J Reprod Med** 10:115-7, Mar 73

Fibrinogen and albumin catabolism in experimental pancreatitis in the rat. Wardle EN. **J Surg Res** 15:122-31, Aug 73

Abortion and coagulation by prostaglandin. Intra-amniotic dinoprost tromethamine effect on the coagulation and fibrinolytic systems. Bell WR, et al. **JAMA** 225:1082-4, 27 Aug 73

Iodine-labelled fibrinogen uptake test. Salzman EW. **JAMA** 222:838, 13 Nov 72

F.D.P. Astedt B, et al. **Lancet** 2:1312, 16 Dec 72

Serum fibrin-fibrinogen degradation products in acute myocardial infarction. Baele G, et al. **Lancet** 1:689-90, 25 Mar 72

Incorporation of 125 I-labelled fibrinogen into coronary arterial thrombi in acute myocardial infarction in man. Erhardt LR, et al. **Lancet** 1:387-90, 24 Feb 73

Urinary excretion of heterophile (sheep) haemagglutinins and fibrin-fibrinogen degradation products after renal transplantation and in proliferative glomerulonephritis. Hoq MS, et al. **Lancet** 1:1029-31, 12 May 73

Rapid latex-screening test for detection of fibrin-fibrinogen degradation products in urine after renal transplantation. Hulme B, et al. **Lancet** 1:6-8, 6 Jan 73

Increased urinary fibrinogen derivatives after renal allotransplantation. Naish P, et al. **Lancet** 1:1280-2, 9 Jun 73

Rapid latex-screening test for urine F.D.P. Pitcher PM. **Lancet** 1:1319-20, 9 Jun 73

Rapid latex-screening test for urine F.D.P. Semeraro N, et al. **Lancet** 1:1057-8, 12 May 73

Intravascular coagulation and pre-eclamptic toxaemia. Wardle EN. **Lancet** 1:694-5, 25 Mar 72

F.D.P. **Lancet** 2:957-8, 4 Nov 72

Urokinase inhibitor in human placenta. A thromboelastographic evaluation. Uszyński M, et al. **Mater Med Pol** 3:15-9, Oct-Dec 71

Proteolytic activity of Cryptococcus neoformans against human plasma proteins. Müller HE, et al. **Med Microbiol Immunol (Berl)** 158:129-34, 1972

Platelet and fibrinogen consumption in man. Harker LA, et al. **N Engl J Med** 287:999-1005, 16 Nov 72

The molecular basis of hereditary clotting disorders. Ratnoff OD. **Prog Hemostasis Thromb** 1:39-74, 1972 (184 ref.)

Fibrinogen catabolism studies in patients with renal disease. Wardle EN. **Q J Med** 42:205-19, Jan 73

Effect of L-asparaginase therapy upon some indices of protein metabolism in leukemic patients. Cuculanu M, et al. **Rev Roum Med Intern** 10:121-31, 1973

Structural organization of the fibrinogen macromolecule related to the process of fibrin formation. Velican D. **Rev Roum Med Intern** 9:419-36, 1972 (84 ref.)

A serial dilution protamine sulphate test for detecting fibrin degradation products. Schorn D. **S Afr Med J** 47:263-5, 17 Feb 73

Plasma proteins after use of estrogen and-or progestogen in women with and without recurrent cholestasis during previous pregnancies. Jeppsson S, et al. **Scand J Clin Lab Invest** 31:33-6, Jan 73

Studies on soluble fibrin in plasma. 3. N-terminal analysis of a modified fraction I (Cohn) from plasmin- and thrombin-incubated plasma. Kierulf P. **Scand J Clin Lab Invest** 31:43-9, Jan 73

Studies on soluble fibrin in plasma. II. N-terminal analysis of a modified fraction I (Cohn) from patient plasmas. Kierulf P. **Scand J Clin Lab Invest** 31:37-42, Jan 73

The relevance of blood clotting tests in chronic aggressive hepatitis. Coccheri S, et al. **Scand J Gastroenterol [Suppl]** 19:97-101, 1973

Heparin therapy in the case of acute liver cirrhosis. Fischer M, et al. **Scand J Gastroenterol [Suppl]** 19:135-8, 1973

Significance of intravascular coagulation and fibrinolysis in acute hepatic failure. Hillenbrand P, et al. **Scand J Gastroenterol [Suppl]** 19:133-4, 1973

Degradation of fibrinogen in vitro. Demonstration of several antigenic intermediates by specific anti-D and anti-E serum. Gormsen J, et al. **Scand J Haematol** 9:577-86, 1972

Study of the clotting, esterase and platelet aggregating activities of thrombin, acetylated thrombin and reptilase. Tangen O, et al. **Scand J Haematol** 9:333-8, 1972

Intravascular coagulation in infection: a study by radio-fibrinogen. Wardle EN. **Scand J Infect Dis** 4:155-9, 1972

Protease activity in synovial tissue extracts. Andersen RB, et al. **Scand J Rheumatol** 1:75-9, 1972

Fibrin degradation products in serum and urine in patients with renal carcinoma. Carlsson S, et al. **Scand J Urol Nephrol** 7:43-9, 1973

Factors regulating plasma protein synthesis. II. Influence of fibrinogenolytic products on plasma fibrinogen concentration. Bocci V, et al. **Thromb Diath Haemorrh** 29:63-75, 28 Feb 73

Studies on the role of fibrinolysis and fibrinogen degradation products (FDP) in analgesic action of

morphine. Buczko W, et al.
Thromb Diath Haemorrh 28:359-66, 31 Dec 72
The effects of bile salts on some coagulation components and related enzymes. Engel AM, et al.
Thromb Diath Haemorrh 27:594-609, 31 Jul 72
Acute promyelocytic leukemia in a patient with hemophilia. Evidence for rapid consumption of clotting factors. Green D.
Thromb Diath Haemorrh 27:516-22, 31 Jul 72
Comparison of ethanol and protamine tests in demonstration of soluble fibrin and early products of fibrin degradation. Konttinen YP, et al.
Thromb Diath Haemorrh 28:342-50, 31 Dec 72
The influence of acenocumarole on the fibrinogen-turnover in normal subjects, venous thrombosis and congestive heart failure. Maas AP van der, et al.
Thromb Diath Haemorrh 28:496-508, 31 Dec 72
Filipin as a tool for the study of blood coagulation reactions. Plas PM van der, et al.
Thromb Diath Haemorrh 27:584-93, 31 Jul 72
Experimental study of rabbit fibrinogen degradation products. Influence of plasminogen level for the interpretation of serum concentration of fibrinogen degradation products in consumption coagulopathies. Soria J, et al.
Thromb Diath Haemorrh 29:115-21, 28 Feb 73
The use of 125 I-fibrinogen in the detection of renal allograft rejection. Rat model. Blamey RW, et al.
Transplantation 16:5-8, Jul 73
Quantitative determination of fibrin deposition in organs of rats in the early post-burn period. Rammer L. Z **Rechtsmed** 71:114-9, 28 Nov 72
[Disseminated intravascular coagulation (DIC). II. Spontaneous DIC in dogs] Slappendel RJ, et al.
Tijdschr Diergeneeskd 98:815-31, 1 Jul 73 **(Dut)**
[Determination of fibrinogen and fibrin degradation products (DFP) in the acute stage of myocardial infarction] Baele G, et al.
Arch Mal Coeur 66:427-9, Apr 73 (Eng. Abstr.) **(Fre)**
[Defibrinating effect in dogs of FTH 50 (thrombinomimetic fraction of reptilase)] Follana R, et al. **C R Soc Biol (Paris)** 166:1341-5, 1972 **(Fre)**
[Fibrinogen. Hereditary hypo--and dysfibrinogenemia] Gajdos A.
Nouv Presse Med 2:1067-71, Apr 73 (30 ref.) **(Fre)**
[Measurement of fibrinogen degradation products: its usefulness in consumption coagulopathies] Thuot C, et al.
Union Med Can 102:66-9, Jan 73 (Eng. Abstr.) **(Fre)**
[Biological half-life of 131 I-labeled fibrinogen from normal and cobalt-treated rabbits] Krantz S, et al.
Acta Biol Med Ger 29:805-10, 1972 (Eng. Abstr.) **(Ger)**
[Metabolism of fibrinogen following administration of brain phospholipids in combination with an antifibrinolytic agent (AMCHA)] Cultrera G, et al.
Arzneim Forsch 23:445-7, Mar 73 (Eng. Abstr.) **(Ger)**
[Human thrombin inhibitors (2 -macroglobulin and antithrombin 3) during and after surgical and gynecologic-obstetrical intervention] Fischer M.
Folia Haematol (Leipz) 98:397-407, 1972 **(Ger)**
[Fibrinogen: biophysical, biochemical and biological properties] Krantz S, et al.
Folia Haematol (Leipz) 98:1-30, 1972 (283 ref.) (Eng. Abstr.) **(Ger)**
[Hirudin and other thrombin inhibitors from blood-sucking animals] Landmann H.
Folia Haematol (Leipz) 98:437-45, 1972 **(Ger)**
[Studies of 131 I fibrinogen storage by the Yoshida sarcoma of rats] Heyes H, et al.
Fortschr Geb Roentgenstr Nuklearmed 118:86-91, Jan 73 (Eng. Abstr.) **(Ger)**
[Vitamin A overdosage. II. Cytological and biochemical changes in blood from high doses of vitamin A with and without alpha-tocopherol treatment] Soliman MK.
Int J Vitam Nutr Res 42:576-82, 1972 (Eng. Abstr.) **(Ger)**
[Efficiency and limits of laboratory diagnosis of diffuse intravascular blood coagulation processes] Heene DL, et al. **Internist (Berlin)** 14:154-9, Apr 73 **(Ger)**
[Efficiency and limits of immunologic methods in the diagnosis of blood coagulation] Schwick HG, et al.
Internist (Berlin) 14:160-9, Apr 73 **(Ger)**
[The lung in shock: accumulation of thrombocytes following trauma and intravasal coagulation] Bergentz SE, et al.
Langenbecks Arch Chir 329:658-64, Dec 71 (Eng. Abstr.) **(Ger)**
[Magnesium--an anticoagulant physiological electrolyte] Erödi A.
Med Klin 68:216-9, 16 Feb 73 (32 ref.) **(Ger)**
[Studies on the activity of proteolytic enzymes in Bacillus anthracis and Bacillus cereus] Müller HE, et al.
Pathol Microbiol (Basel) 39:364-72, 1973 (Eng. Abstr.) **(Ger)**
[Fibrinogen-fibrin degradation products in the urine. Measurement and characterization by means of electroimmunodiffusion (rapid method)] Thöni RF, et al.
Schweiz Med Wochenschr 103:965-9, 7 Jul 73 (Eng. Abstr.) **(Ger)**
[Diagnostic significance of the analysis of fibrinogen derivatives] Schwabe G, et al.
Verh Dtsch Ges Inn Med 78:719-23, 1972 **(Ger)**
[Studies on FDP fragments and paracoagulation] Fujimaki M, et al.
Acta Haematol Jap 35:617-27, Oct 72 (Eng. Abstr.) **(Jap)**
[Fibrinogen-fibrin degradation products (FDP) in patients with various diseases] Matsuda T.
Acta Haematol Jap 35:628-36, Oct 72 (Eng. Abstr.) **(Jap)**
[FDP in obstetrics and gynecology] Nagayama M.
Acta Haematol Jap 35:637-41, Oct 72 (Eng. Abstr.) **(Jap)**
[Clinical signifcance of FDP in surgery] Ninomiya K.
Acta Haematol Jap 35:651, Oct 72 (Eng. Abstr.) **(Jap)**
[Assay methods and significance of fibrin-fibrinogen degradation products in blood] Shinada S.
Acta Haematol Jap 35:607-16, Oct 72 (Eng. Abstr.) **(Jap)**
[FDP levels in pregnancy and delivery with special reference to the placental lesions] Soma H, et al.
Acta Haematol Jap 35:642-5, Oct 72 (Eng. Abstr.) **(Jap)**
[Antisera to fibrinogen degradation products, fragments D and E] Sudo T, et al.
Acta Haematol Jap 35:652-3, Oct 72 (Eng. Abstr.) **(Jap)**
[FDP in newborn period. Especially the FDP and fibrin monomers in respiratory distress syndrome of premature infants] Yamada K, et al.
Acta Haematol Jap 35:646-50, Oct 72 (Eng. Abstr.) **(Jap)**
[Changes in clotting mechanism in consumption coagulopathy] Maekawa T, et al.
Jap J Clin Hematol 13:167-76, Apr 72 (Eng. Abstr.) **(Jap)**
[Detection of fibrinogen and fibrin degradation products (FDP) and its clinical significance] Fujimaki M, et al.
Jap J Clin Med 31:798-804, Apr 73 (45 ref.) **(Jap)**
[Fibrinogen and fibrin degradation products] Fujimaki M, et al. **Jap J Clin Pathol** 21:31-6, Jan 73 (42 ref.) **(Jap)**
[Disseminated intravascular coagulation] Maekawa T.
Jap J Clin Pathol 21:24-30, Jan 73 (7 ref.) **(Jap)**
[Role of plasma fibrinogen in diabetes mellitus] Matsuo T, et al.
Jap J Geriatr 9:387-93, Nov 72 (Eng. Abstr.) **(Jap)**
[Disseminated intravascular blood clotting in blood diseases] Uszyński L.
Acta Haematol Pol 2:253-7, Jul-Sep 71 (44 ref.) **(Pol)**
[Usefulness of a modified thrombin generation test in the diagnosis of chronometric hypercoagulability] Zawilska K, et al.
Acta Haematol Pol 3:155-60, Apr-Jun 72 (Eng. Abstr.) **(Pol)**
[Hyperfibrinogemia following activator therapy] Zawilska K, et al.
Acta Haematol Pol 3:53-8, Jan-Mar 72 (Eng. Abstr.) **(Pol)**
[Hemostasis disorders in liver cirrhosis] Judkiewicz L, et al. **Pol Tyg Lek** 28:708-11, 1 May 73 (34 ref.) **(Pol)**
[Principles of thrombolytic treatment] Judkiewicz L, et al. **Pol Tyg Lek** 27:1011-3, 26 Jun 72 (27 ref.) **(Pol)**
[Soluble fibrin and fibrinogen degradation products in the blood of patients with rheumatoid arthritis] Starchurska J, et al.
Reumatologia 10:303-13, 1972 (Eng. Abstr.) **(Pol)**
[Soluble fibrin and fibrinogen degradation products in rat's blood in Freund's adjuvant-induced experimental polyarthritis] Szpilman H, et al.
Reumatologia 10:297-302, 1972 (Eng. Abstr.) **(Pol)**
[Role of blood clotting and fibrinolytic disorders in diabetics in the development of pathological changes in blood vessels] Chmielewski J.
Wiad Lek 26:615-7, 1 Apr 73 **(Pol)**
[Hemostatic system in patients with malignant

neoplasms] Okulski J, et al.
Wiad Lek 26:281-5, 15 Feb 73 (Eng. Abstr.) **(Pol)**
[Effect of adrenalectomy on the functional condition of the blood coagulation system] Shapiro FB, et al.
Biol Nauki 5:42-5, 1971 **(Rus)**
[The effect of aminazine on blood coagulation] Novak EN.
Farmakol Toksikol 35:717-20, Nov-Dec 72 (Eng. Abstr.) **(Rus)**
[The effect of adrenalectomy and administration of corticosteroids on the fibrinolytic activity of complex heparin compounds in the blood during immobilization] Kudriashov BA, et al.
Fiziol Zh SSSR 59:1108-13, Jul 73 (Eng. Abstr.) **(Rus)**
[Non-enzymatic fibrinolytic activity of the plasma of animals under chronic stress] Kudriashov BA, et al.
Kardiologiia 12:100-4, Oct 72 **(Rus)**
[Blood coagulation changes under the influence of gravitational stress according to thrombelastographic findings] Serikova AZ, et al.
Kosm Biol Med 6:10-4, Jan-Feb 72 (Eng. Abstr.) **(Rus)**
[Blood coagulation under the effect of a single injection of insulin] Khubetsova RD.
Probl Endokrinol (Mosk) 18:74-8, Nov-Dec 72 (Eng. Abstr.) **(Rus)**
[Blood coagulation changes in splenic diseases] Askherkhanov RP, et al.
Vestn Khir 108:65-71, Apr 72 (Eng. Abstr.) **(Rus)**
[Changes in the properties of fibrinogen as a result of blood loss] Zhankina GKh.
Vestn Khir 108:80-3, Sep 72 (Eng. Abstr.) **(Rus)**
[Plasma fibrinogen level and the metabolism of fibrinogen-I-131 in rats treated with hydrocortisone] Byshevskii ASh, et al.
Vopr Med Khim 19:152-6, Mar-Apr 73 (Eng. Abstr.) **(Rus)**
[Pulmonary artery thromboembolism and the state of the blood coagulation system in severe cranio-cerebral trauma] Kuklina AS, et al.
Vopr Neirokhir 36:25-8, May-Jun 72 (Eng. Abstr.) **(Rus)**
[Hemostatic system in cancer patients] Rakhmaeva VA, et al. **Vopr Onkol** 18:90-7, 1972 (60 ref.) **(Rus)**
[Restoration of the function of the anticoagulation system in animals switched from an atherogenic diet to natural rations] Bazaz'ian GG, et al.
Vopr Pitan 31:33-8, Nov-Dec 72 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Aggregation of human blood platelets by vasopressin. Haslam RJ, et al. **Am J Physiol** 223:958-67, Oct 72
Platelet-function studies in the Bernard-Soulier syndrome. Bithell TC, et al.
Ann NY Acad Sci 201:145-60, 27 Oct 72
A quantitative evaluation of the inhibition of platelet aggregation by low molecular weight degradation products of fibrinogen. Solum NO, et al.
Br J Haematol 24:419-34, Apr 73
Hereditary giant platelet syndrome: a disorder of a new aspect of platelet function. Howard MA, et al.
Br Med J 2:586-8, 9 Jun 73
The mechanism of the NBT (nitroblue tetrazolium) test. Segal AW, et al. **Clin Sci** 44:26P, Jun 73
Fibrinolytic activity in normal and cancerous tissues of the bladder. Hisazumi H, et al.
Invest Urol 11:28-34, Jul 73
Inhibition of the platelet-dependent fibrin retraction by the fibrin stabilizing factor (FSF, factor 13). Niewiarowski S, et al. **J Lab Clin Med** 81:641-50, May 73
The activation of coagulation by extracts of mucus: a possible pathway of intravascular coagulation accompanying adenocarcinomas. Pineo GF, et al.
J Lab Clin Med 82:255-66, Aug 73
Platelet shape change and aggregation. Caen JP, et al.
Nature (Lond) 240:148-9, 17 Nov 72
Aggregation of human gel-filtered platelets. Requirement of apyrase and proteins. Levy-Toledano S, et al. **Rev Eur Etud Clin Biol** 17:513-8, May 72
The relationship between phagocytosis of polystyrene latex particles by polymorphonuclear leucocytes (PML) and aggregation of PML. Talstad I.
Scand J Haematol 9:516-23, 1972
On the fine structure and aggregation requirements of gel filtered platelets (GFP). Tangen O, et al.
Scand J Haematol 10:96-105, 1973
Requirements for aggregation of washed human platelets suspended in buffered salt solutions. Harbury CB, et al.
Thromb Diath Haemorrh 28:2-13, 31 Aug 72
Density gradient separation of human platelets from plasma and the role of plasma in adenosine diphosphate induced platelet electrophoretic mobility changes. Nicholls DG, et al.
Thromb Diath Haemorrh 27:425-33, 31 Jul 72
The effects of Naja flava venom on blood coagulation. Mohamed AH, et al. **Toxicon** 10:619-25, Oct 72
[Influence of soluble complexes on some functions of the platelets] Kubisz P.
Vnitr Lek 18:833-7, Sep 72 (Eng. Abstr.) **(Cze)**
[Effects of Rivanol and various salts on the activity of cattle and swine thrombins] Rossi A, et al.
C R Acad Sci [D] (Paris) 275:267-70, 10 Jul 72 **(Fre)**
[Investigations on the interaction of fibrinogen, globulin and albumin on plasma viscosity] Leonhardt H, et al.
Clin Chim Acta 42:181-7, Nov 72 (Eng. Abstr.) **(Ger)**
[Fibrinogen: biophysical, biochemical and biological properties] Krantz S, et al.
Folia Haematol (Leipz) 98:1-30, 1972 (283 ref.) (Eng. Abstr.) **(Ger)**
[Biochemical, physiopathological and clinical aspects of platelet adhesiveness] Gandolfo GM.
Recent Prog Med (Roma) 52:596-630, Jun 72 **(Ita)**
[The effect of fibrinogen, its molecular fragments and calcium ions on fibrin polymerization] Galanova TF, et al.
Ukr Biokhim Zh 43:547-53, Sep-Oct 71 (Eng. Abstr.) **(Ukr)**

PHYSIOLOGY

Carboxyl-terminal structures of mammalian fibrinogen and fibrin. Iwanaga S, et al.
Ann NY Acad Sci 202:308-17, 8 Dec 72
Platelet interaction with fibrinogen and fibrin: comparison of the interaction of platelets with that of fibroblasts, leukocytes, and erythrocytes. Niewiarowski S, et al.
Ann NY Acad Sci 201:72-83, 27 Oct 72
On biorheology. Copley AL.
Biorheology 10:87-105, Jun 73 (88 ref.)
Fibrin monomer and platelet aggregation in vitro and in vivo. Müller-Berghaus G, et al.
Br J Haematol 23:177-88, Aug 72
Thrombin inhibiting action of heparin. Abildgaard U.
Folia Haematol (Leipz) 98:408-16, 1972 (31 ref.)
Antithrombin action of fibrinogen degradation products (FDP). Kopeć M, et al.
Folia Haematol (Leipz) 98:417-25, 1972
Unsatisfactory biologic behavior of I-fibrinogen labeled by the chloramine-T method. Metzger JM, et al. **J Lab Clin Med** 82:267-75, Aug 73
The mechanisms of venous thrombosis. Anticoagulants, aspirin, and heparin. O'Brien JR.
Mod Concepts Cardiovasc Dis 42:11-5, Mar 73 (14 ref.)
Structural organization of the fibrinogen macromolecule related to the process of fibrin formation. Velican D.
Rev Roum Med Intern 9:419-36, 1972 (84 ref.)
Fibrinogen Troyes--fibrinogen Metz. Two new cases of congenital dysfibrinogenemia. Soria J, et al.
Thromb Diath Haemorrh 27:619-33, 31 Jul 72
[Effect of prothrombin and fibrinogen antisera on the clotting system of bovine blood] Kotschy M.
Folia Haematol (Leipz) 98:426-36, 1972 **(Ger)**
[Use of new methods for studies of blood coagulation. II. Clot-sedimentation-technic for the determination of antithrombin I effect of fibrin] Dolesobel W.
Wien Med Wochenschr 122:585-90, 7 Oct 72 **(Ger)**
[Disseminated intravascular coagulation] Amir J.
Harefuah 83:29-32, 2 Jul 72 (20 ref.) **(Heb)**

RADIATION EFFECTS

Effect of tracer doses of radiopharmaceutic substances labelled with gold (198 Au), indium (113m In) and Mercury (203 Hg) on blood clotting. Răiciulescu N, et al. **Rev Roum Med Intern** 9:475-90, 1972

SECRETION

Quantitative studies on the release of platelet fibrinogen by thrombin. Keenan JP, et al.
Br J Haematol 23:461-6, Oct 72
Studies with a mass balance method of measuring fibrinogen synthesis. Reeve EB, et al.
Ciba Found Symp 9:91-111, 1972

THERAPEUTIC USE

Disseminated intravascular coagulation: diagnosis and treatment of a hemorrhagic diathesis after prostatectomy. Pickens RL, et al. **J Urol 108:951-3, Dec 72**

Abnormal bleeding after prostatectomy. Golovsky D, et al. **Med J Aust 1:143, 20 Jan 73**

Clinical uses of human blood fractions. Schiff P. **Med J Aust 1:22-6, 6 Jan 73**

Amniotic fluid embolism. Gregory MG, et al. **Obstet Gynecol 42:236-44, Aug 73**

Blood as a medicine. Kennedy M. **Ohio State Med J 69:501-6, Jul 73**

Early debridement in pit viper bite. Glass TG Jr. **Surg Gynecol Obstet 136:774-6, May 73**

[Peroperative bleeding in polycythemic patients] Bossy S, et al. **Anesth Analg (Paris) 29:341-6, May-Jun 72 (Fre)**

[Acute disseminated intravascular coagulation in an obstetrical unit. Study of 9 cases. Diagnostic criteria. Therapeutic management] Cornu P, et al. **Sem Hop Paris 49:1419-28, 26 Apr 73 (Eng. Abstr.) (Fre)**

[Amniotic fluid embolism] Schmid J, et al. **Geburtshilfe Frauenheilkd 33:130-2, Feb 73 (Eng. Abstr.) (Ger)**

[Clinical experience with fibrin-pyelotomy] Burchardt P, et al. **Urologie [A] 11:221-4, Jul 72 (Ger)**

[Consumption coagulopathy in patients with Klippel-Trenaunay syndrome] Fischer M, et al. **Wien Klin Wochenschr 85:207-12, 30 Mar 73 (Eng. Abstr.) (Ger)**

[The therapeutic management of hemorrhagic diathesis in dentistry] Pantazapoulos P, et al. **Stomatologia (Athenai) 29:415-24, Nov-Dec 72 (Eng. Abstr.) (Gre)**

[Schedule for diagnostic-therapeutic management of hemorrhagic diathesis] Sulek K. **Wiad Lek 26:417-22, 1 Mar 73 (20 ref.) (Pol)**

URINE

Serum and urine F.R.-antigen in renal disease. Wardle EN. **Br Med J 4:427-8, 18 Nov 72**

The detection of fibrinogen degradation products (FDP) in serum and urine. Pitcher PM. **Can J Med Technol 34:166-78, Oct 72**

Identification of intrarenal fibrin deposition. Davison AM, et al. **J Clin Pathol 26:102-12, Feb 73**

Characterization and significance of urinary fibrin degradation products. Cortes P, et al. **J Lab Clin Med 82:377-89, Sep 73**

Rapid latex-screening test for urine F.D.P. Cash JD, et al. **Lancet 1:153-4, 20 Jan 73**

Latex-screening test for urinary F.D.P. Clarkson AR. **Lancet 1:109, 13 Jan 73**

Urinary excretion of heterophile (sheep) haemagglutinins and fibrin-fibrinogen degradation products after renal transplantation and in proliferative glomerulonephritis. Hoq MS, et al. **Lancet 1:1029-31, 12 May 73**

Rapid latex-screening test for detection of fibrin-fibrinogen degradation products in urine after renal transplantation. Hulme B, et al. **Lancet 1:6-8, 6 Jan 73**

Urinary fibrin-fibrinogen degradation products and acute renal-transplant rejection. Lameire N, et al. **Lancet 2:160-1, 21 Jul 73**

Increased urinary fibrinogen derivatives after renal allotransplantation. Naish P, et al. **Lancet 1:1280-2, 9 Jun 73**

Rapid latex-screening test for urine F.D.P. Pitcher PM. **Lancet 1:1319-20, 9 Jun 73**

Rapid latex-screening test for urine F.D.P. Semeraro N, et al. **Lancet 1:1057-8, 12 May 73**

Urine F.D. in transplant refection. Wardle EN. **Lancet 2:99, 14 Jul 73**

F.D.P. **Lancet 2:957-8, 4 Nov 72**

[Fibrinogen-fibrin degradation products in the urine. Measurement and characterization by means of electroimmunodiffusion (rapid method)] Thöni RF, et al. **Schweiz Med Wochenschr 103:965-9, 7 Jul 73 (Eng. Abstr.) (Ger)**

FIBRINOLYSIN

Problems in evaluating the components of the kinin system. Hamberg U. **Ann Chir Gynaecol Fenn 61:238-50, 1972 (46 ref.)**

Intravascular coagulation-fibrinolysis (ICF) syndrome. Owen CA Jr, et al. **Ann Clin Lab Sci 2:26-30, Jan-Feb 72**

Characterisation of large fragments rich in disulphide bridges from CNBr-treated products of exhaustive proteolysis of fibrinogen by plasmin. Dudek-Wojciechowska GA, et al. **Biochim Biophys Acta 295:536-42, 21 Feb 73**

Subunit structure of the plasmin-induced degradation products of crosslinked fibrin. Gaffney PJ, et al. **Biochim Biophys Acta 295:308-13, 25 Jan 73**

Detection of fibrinolytic activity by a zymogram technique after isoelectric focusing. Vesterberg O, et al. **Biochim Biophys Acta 285:393-7, 28 Dec 72**

Leukofibrinolysis. Lewis JH, et al. **Blood 40:844-55, Dec 72**

The microheterogeneity of human haptoglobin and its complex with hemoglobin. Yang HJ, et al. **Can J Biochem 51:597-605, May 73**

63 Ni complexes in rabbit serum and urine after injection of 63 NiCl 2 . Van Soestbergen M, et al. **Clin Chem 18:1478-84, Dec 72**

Effect of low-density lipoprotein preparations on plasmin. Herbert RJ, et al. **Clin Sci 45:129-32, Jul 73**

The blood coagulation and fibrinolytic enzyme systems in Africans in health and disease. Barr RD. **East Afr Med J 50:55-8, Jan 73**

Antithrombin action of fibrinogen degradation products (FDP). Kopeć M, et al. **Folia Haematol (Leipz) 98:417-25, 1972**

A re-examination of the ability of pFc' and Fc' to participate in passive cutaneous anaphylaxis. Minta JO, et al. **Immunochemistry 9:1041-8, Nov 72**

Relationship of antigen k to Staphylococcus aureus bacteriophage type 187, of human and of canine origins. Live I. **Infect Immun 7:473-5, Mar 73**

The chemotactic activity of fibrin lysis products. Stecher VJ, et al. **Int Arch Allergy Appl Immunol 43:879-86, 1972**

Factors regulating plasma protein synthesis. 3. Large scale separation of rabbit fibrinogenolytic products. Pessina GP, et al. **Ital J Biochem 21:155-68, Jul-Aug 72**

The effect of plasmin on the subunit structure of human fibrin. Pizzo SV, et al. **J Biol Chem 248:4574-83, 10 Jul 73**

Isolation, characterization, and comparison of the S-carboxymethyl heavy (A) and light (B) chain derivatives of cat, dog, rabbit, and bovine plasmins. Summaria L, et al. **J Biol Chem 248:6522-7, 25 Sep 73**

Identification of modified streptokinase as the activator of bovine and human plasminogen. Taylor FB Jr, et al. **J Biol Chem 248:1127-34, 25 Feb 73**

Immunobiology of fibrinogen. Emergence of neoantigenic expressions during physiologic cleavage in vitro and in vivo. Plow E, et al. **J Clin Invest 52:273-82, Feb 73**

Partial purification of plasma thromboplastin antecedent (factor XI) and its activation by trypsin. Saito H, et al. **J Clin Invest 52:850-61, Apr 73**

Clinical physiology of the fibrinolytic enzyme system. Douglas AS, et al. **J Clin Pathol 25:615-8, Jul 72**

The mechanism of action of sstreptokinase. Heimburger N. **J Clin Pathol 25:632-3, Jul 72**

Studies on human plasma alpha 2-macroglobulin-enzyme interactions. Evidence for proteolytic modification of the subunit chain structure. Harpel PC. **J Exp Med 138:508-21, 1 Sep 73**

The fibrinolytic pathway of human plasma. Isolation and characterization of the plasminogen proactivator. Kaplan AP, et al. **J Exp Med 136:1378-93, 1 Dec 72**

Interactions between human C5, C6, and C7 and their functional significance in complement-dependent cytolysis. Arroyave CM, et al. **J Immunol 111:536-45, Aug 73**

Insolubilized activators of the fibrinolysin system. In vitro studies. Ambrus CM, et al. **J Med (Basel) 3:270-81, 1972**

Study of the 2 macroglobulin-plasmin interaction mechanism. Steinbuch M, et al. **Pathol Biol (Paris) Suppl:52-5, Dec 72**

Discriminating neoantigenic differences between fibrinogen and fibrin derivatives. Plow EF, et al. **Proc Natl Acad Sci USA 70:1169-73, Apr 73**

Studies on the role of fibrinolysis and fibrinogen degradation products (FDP) in analgesic action of morphine. Buczko W, et al. **Thromb Diath Haemorrh 28:359-66, 31 Dec 72**

Cold promoted activation of Factor VII. V. Relation to

the fibrinolytic system. Gjonnaess H.
Thromb Diath Haemorrh 29:143-53, 28 Feb 73

[The plasminogen-plasmin system. 8. On the mechanism of chemical induction of fibrinolysis. Isolation of a latent plasminogen activator from human plasma. Tomikawa M, et al.
Thromb Diath Haemorrh 29:50-62, 28 Feb 73

Fragmented IgG for post-exposure prophylaxis of type A hepatitis. Brachott D, et al.
Transfusion 12:389-93, Nov-Dec 72

A study of staphylococci isolated from the upper respiratory tract of different animal species. V. Physiological properties of Staphylococcus aureus strains from mink. Hájek V, et al.
Zentralbl Bakteriol [Orig A] 222:194-9, Nov 72

[Consumption coagulopathies in childhood] Heinrichs C, et al.
Z Aerztl Fortbild (Jena) 66:853-9, 1 Sep 72 (Ger)

[Antisera to fibrinogen degradation products, fragments D and E] Sudo T, et al.
Acta Haematol Jap 35:652-3, Oct 72 (Eng. Abstr.) (Jap)

[Proactivator-activator system in human plasma fibrinolysis: studies on the synthetic fibrinolytic system composed of functionally pure fibrinogen, plasminogen and proactivator, separated from human plasma] Okamoto U.
J Physiol Soc Jap 34:147-55, Mar 72 (Eng. Abstr.) (Jap)

[Fibrinogen and fibrin degradation products] Fujimaki M, et al. **Jap J Clin Pathol** 21:31-6, Jan 73 (42 ref.) (Jap)

[Blood clotting and fibrinolysis disorders in acute pancreatitis] Gabryelewicz A.
Acta Haematol Pol 2:319-25, Oct-Dec 71 (Eng. Abstr.) (Pol)

[Use of proteolytic enzymes for prevention of postoperative adhesions in the abdominal cavity] Zhenchevskiĭ RA.
Vestn Khir 108:48-53, Oct 72 (Eng. Abstr.) (Rus)

ADMINISTRATION & DOSAGE

Experimental intracoronary thrombosis and selective in situ lysis by catheter technique. Kordenat RK, et al.
Am J Cardiol 30:640-5, 8 Nov 72

[Experimental and clinical studies on cancer chemotherapy--enhancement of the cytocidal effect of Mitomycin-C by one of lysosome labilizer, plasmin] Taniguchi T.
J Jap Soc Cancer Ther 7:290-309, 20 Dec 72 (Eng. Abstr.) (Jap)

[Experimental thrombolysis] Shumakov VI, et al.
Kardiologiia 12:88-91, Feb 72 (Eng. Abstr.) (Rus)

[Use of proteolytic enzymes for prevention of postoperative adhesions in the abdominal cavity] Zhenchevskiĭ RA.
Vestn Khir 108:48-53, Oct 72 (Eng. Abstr.) (Rus)

ANALYSIS

Pathogenicity of Staphylococcus aureus mutants in general and local infections. Forsgren A.
Acta Pathol Microbiol Scand [B] 80:564-70, 1972

Isoelectric focusing of human plasminogen, plasmin, and derived heavy (A) and light (B) chains. Robbins KC, et al. **Ann NY Acad Sci** 209:397-404, 15 Jun 73

Endothelium and fibrinolysis. Todd AS.
Atherosclerosis 15:137-40, Mar-Apr 72

Activation of a specific human plasma kininogenase with trypsin and plasmin. Seidel G, et al.
Biochem Pharmacol 22:929-37, 15 Apr 73

Bovine factor X 1a (activated Stuart factor). Evidence of homology with mammalian serine proteases. Titani K, et al. **Biochemistry** 11:4899-903, 19 Dec 72

Differentiation of trypsin-like enzymes in human plasma. Gullick HD. **Clin Chem** 18:1385-94, Nov 72

Fibrinolytic activity in hepatic cirrhosis. Blatný J, et al.
Digestion 6:165-72, 1972

Activation of human plasminogen by an insoluble derivative of urokinase. Structural changes of plasminogen in the course of activation to plasmin and demonstration of a possible intermediate compound. Wiman B, et al. **Eur J Biochem** 36:25-31, 2 Jul 73

Human sperm acrosomal proteinase: antibody inhibition and immunologic dissimilarity to human pancreatic trypsin. Zaneveld LJ, et al.
Fertil Steril 24:479-84, Jun 73

The effect of plasmin on the subunit structure of human fibrin. Pizzo SV, et al.
J Biol Chem 248:4574-83, 10 Jul 73

The primary structure of human plasminogen. I. The NH 2 -terminal sequences of human plasminogen and the S-carboxymethyl heavy (A) and light (B) chain derivatives of plasmin. Robbins KC, et al.
J Biol Chem 247:6757-62, 10 Nov 72

Hypofibrinogenemic states in obstetrics. Sise HS.
J Reprod Med 10:115-7, Mar 73

Platelet response and coagulation changes following massive blood replacement. Lim RC Jr, et al.
J Trauma 13:577-82, Jul 73

Activation of fibrinolysis by a lymphogenic activator in the rat. Hilgard P, et al. **Lymphology** 5:152-5, Dec 72

Comparative studies on various types of crude and refined thrombin preparations. Joyner WL, et al.
Res Commun Chem Pathol Pharmacol 2:919-26, Nov 71

Molecular forms of plasmin and protease inhibitors in human fibrinolytic post-mortem plasma. Müllertz S.
Scand J Clin Lab Invest 30:369-79, Dec 72

The effects of some synthetic compounds on in vitro fibrinolytic activity measured by different methods and the relevance to activity in vivo. Baillie AJ, et al.
Thromb Diath Haemorrh 28:351-8, 31 Dec 72

Experimental study of rabbit fibrinogen degradation products. Influence of plasminogen level for the interpretation of serum concentration of fibrinogen degradation products in consumption coagulopathies. Soria J, et al.
Thromb Diath Haemorrh 29:115-21, 28 Feb 73

Complement and coagulation. Serum beta-1c-beta-1a in disseminated intravascular coagulation. Tomar RH, et al. **Thromb Diath Haemorrh** 27:389-95, 31 Jul 72

[Hemostatic disorders in the treatment of leukoblastosis with L-asparaginase (crasnitin)] Genova V. **Vutr Boles** 12:43-9, 1973 (Eng. Abstr.) (Bul)

[Biochemical and antigenic properties of Staphylococcus epidermidis] Fleurette J, et al.
Ann Inst Pasteur (Paris) 123:783-97, Dec 72 (Eng. Abstr.) (Fre)

[Blood coagulation disorders in patients with chronic renal insufficiency] Foliana R, et al.
J Urol Nephrol (Paris) 78:1004-7, Dec 72 (Fre)

[Biological characterization of dermonecrotoxin from Staphylococcus aureus] Peter G.
Arch Dermatol Forsch 245:85-94, 1972 (Eng. Abstr.) (Ger)

[Efficiency and limits of laboratory diagnosis of diffuse intravascular blood coagulation processes] Heene DL, et al. **Internist (Berlin)** 14:154-9, Apr 73 (Ger)

[Studies on the radioimmunologic determination of plasminogen-plasmin] Rasche H, et al.
Nucl Med (Stuttg) 9:735-7, 1971 (Ger)

[Diagnosis and therapy of consumption coagulopathy] Lechner K.
Wien Klin Wochenschr 85:467-70, 29 Jun 73 (Eng. Abstr.) (Ger)

[Studies on fibrinolytic activity in Behçet's disease. I. Measurement by fibrin plat method] Saito K.
Acta Soc Ophthalmol Jap 77:685-92, Jul 73 (Eng. Abstr.) (Jap)

[Serum alpha2-macroglobulin and plasmin activities] Miyatani K, et al.
Jap J Clin Pathol 20:429-32, Jun 72 (Jap)

[Studies of fibrinolytic activity and disseminated intravascular coagulation in chronic hepatitis and liver cirrhosis] Kleinstein I, et al.
Rev Med Chir Soc Med Nat Iasi 76:311-8, Apr-Jun 72 (Eng. Abstr.) (Rum)

[Blood fibrinolytic system in patients with ischemic heart disease] Liusov VA, et al.
Kardiologiia 13:12-6, 1973 (Eng. Abstr.) (Rus)

[Blood coagulation tissue factors in human palatine tonsils] Rybina OF.
Vestn Otorinolaringol 35:61-3, Mar-Apr 73 (Eng. Abstr.) (Rus)

[Plasma fibrinogen level and the metabolism of fibrinogen-I-131 in rats treated with hydrocortisone] Byshevskiĭ ASh, et al.
Vopr Med Khim 19:152-6, Mar-Apr 73 (Eng. Abstr.) (Rus)

[The origin and physiological importance of activated plasminogen and plasmin in excitation of the anticoagulative system] Kudriashov BA, et al.
Vopr Med Khim 19:136-40, Mar-Apr 73 (Eng. Abstr.) (Rus)

ANTAGONISTS & INHIBITORS

Coagulation studies in the hypertensive toxemias of pregnancy. Davidson EC Jr, et al.
Am J Obstet Gynecol 113:905-10, 1 Aug 72

Human skin proteases. Fräki JE, et al. **Arch Dermatol Forsch** 243:153-63, 1972
Antiplasmin activity of rat serum slow -globulins. Horne CH, et al. **Br J Haematol** 24:115-21, Jan 73
Fibrinolysis in cholestatic jaundice. Jedrychowski A, et al. **Br Med J** 1:640-2, 17 Mar 73
Effect of low-density lipoprotein preparations on plasmin. Herbert RJ, et al. **Clin Sci** 45:129-32, Jul 73
Activation of human plasminogen by an insoluble derivative of urokinase. Structural changes of plasminogen in the course of activation to plasmin and demonstration of a possible intermediate compound. Wiman B, et al. **Eur J Biochem** 36:25-31, 2 Jul 73
Synthetic studies on leupeptins and their analogs. Shimizu B, et al. **J Antibiot (Tokyo)** 25:515-23, Sep 72
Degradation of human fibrinogen by plasms alpha2-macroglobulin-enzyme complexes. Harpel PC, et al. **J Clin Invest** 52:2175-84, Sep 73
Plasma inhibitors of the components of the fibrinolytic pathway in man. Schreiber AD, et al. **J Clin Invest** 52:1394-401, Jun 73
Inhibitors of fibrinolysis: evidence of some instances of mutual potentiation. Coccheri S, et al. **J Clin Pathol** 25:627-8, Jul 72
Clinical physiology of the fibrinolytic enzyme system. Douglas AS, et al. **J Clin Pathol** 25:615-8, Jul 72
Thrombolysis. Sharp AA, et al. **J Clin Pathol** 25:630-1, Jul 72
A study on the role of the liver in the homeostatic regulation of the fibrinolytic system using hepatic vein catheterization. Ulutin SB. **J Clin Pathol** 25:619-20, Jul 72
The fibrinolytic pathway of human plasma. Isolation and characterization of the plasminogen proactivator. Kaplan AP, et al. **J Exp Med** 136:1378-93, 1 Dec 72
Aromatic esters which inhibit plasmin or thrombin by formation of relatively stable acyl enzymes. Glover G, et al. **J Med Chem** 16:262-6, Mar 73
The activating mechanism of human plasminogen through streptokinase. Inhibition experiments with BAL. Auerswald W, et al. **Pharmacology** 8:232-4, 1972
The formation of an enzymically active complex between DFP-inhibited plasmin and streptokinase. Tomar RH, et al. **Proc Soc Exp Biol Med** 143:127-30, May 73
New aspects of the pathogenesis of thrombo-embolism. Nilsson IM, et al. **Prog Surg** 11:46-68, 1973 (89 ref.)
Structure-activity relationships for the inhibition of plasmin and plasminogen activation by aromatic diamidines and a study of the effect of plasma proteins on the inhibition process. Geratz JD. **Thromb Diath Haemorrh** 29:154-67, 28 Feb 73
[Fibrinolytic activity of platelets] Dechavanne M, et al. **Nouv Presse Med** 2:653, 10 Mar 73 (Fre)
[Identification of organs of snails (Helix pomatia) synthetizing protease inhibitors] Tschesche H, et al. **Hoppe Seylers Z Physiol Chem** 353:1189-93, Jul 72 (Eng. Abstr.) (Ger)
[Hemorrhagic diathesis with increased fibrinolytic enzyme activities in the field of surgery] Murakami F, et al. **Jap J Clin Hematol** 13:187-94, Apr 72 (Eng. Abstr.) (Jap)
[Inhibition of the fibrinolytic enzyme system using fibrin and casein as the substrates] Miyatani K, et al. **Jap J Clin Pathol** 21:627-31, Jul 73 (Jap)
[The coagulation and fibrinolytic properties of rabbit erythrocytes] Potekhin KG, et al. **Biol Nauki** 3:47-51, 1972 (Rus)
[The origin and physiological importance of activated plasminogen and plasmin in excitation of the anticoagulative system] Kudriashov BA, et al. **Vopr Med Khim** 19:136-40, Mar-Apr 73 (Eng. Abstr.) (Rus)

BIOSYNTHESIS

Further evidence for an active center in streptokinase-plasminogen complex; interaction with pancreatic trypsin inhibitor. Reddy KN, et al. **Biochem Biophys Res Commun** 51:672-9, 2 Apr 73
Relationships between host origin of staphylococcal strains and their virulence for mice. Chesbro W, et al. **Can J Microbiol** 18:1371-8, Sep 72
Generation of 125 I-labelled plasmin in dogs in response to venous injury. Takeda Y, et al. **Ciba Found Symp** 9:203-16, 1972
An enzymatic function associated with transformation of fibroblasts by oncogenic viruses. II. Mammalian fibroblast cultures transformed by DNA and RNA tumor viruses. Ossowski L, et al. **J Exp Med** 137:112-26, 1 Jan 73
[White coagulase-negative staphylococci isolated from infections in humans] Popovici M, et al. **Arch Roum Pathol Exp Microbiol** 31:61-7, Mar 72 (Eng. Abstr.) (Fre)
[Resistance to mercuric chloride of staphylococci isolated from sick and healthy subjects] Zakarian LM. **Zh Mikrobiol Epidemiol Immunobiol** 49:46-50, Nov 72 (Eng. Abstr.) (Rus)

BLOOD

Alpha 1-antitrypsin and infantile respiratory distress. Johnson AM. **N Engl J Med** 288:523, 8 Mar 73
The significance of plasma inhibitor(s) in the control of fibrinolytic (plasmin) activity in blood. Monkhouse FC, et al. **Thromb Diath Haemorrh** 28:367-75, 31 Dec 72

CEREBROSPINAL FLUID

Monitoring antifibrinolytic therapy in subarachnoid hemorrhage. Smith RR, et al. **J Neurosurg** 38:339-44, Mar 73

CHEMICAL SYNTHESIS

[The origin and physiological importance of activated plasminogen and plasmin in excitation of the anticoagulative system] Kudriashov BA, et al. **Vopr Med Khim** 19:136-40, Mar-Apr 73 (Eng. Abstr.) (Rus)

ISOLATION & PURIFICATION

The secretion of fibrinolysin by cultured rat ovarian tumor cells. Yunis AA, et al. **Biochem Biophys Res Commun** 52:1003-12, 8 Jun 73
Leukofibrinolysis. Lewis JH, et al. **Blood** 40:844-55, Dec 72
The prufication of bovine thrombin by affinity chromatography on benzamidine-agarose. Schmer G. **Hoppe Seylers Z Physiol Chem** 353:810-4, May 72
[The isolation of porcine and human kallikrein using affinity chromatography: specific binding to water-insoluble Kunitz soybean-inhibitor-celluloses and dissociation with competitive inhibitors (benzamidine)] Fritz H, et al. **Hoppe Seylers Z Physiol Chem** 353:893-900, Jun 72 (Eng. Abstr.) (Ger)

METABOLISM

Fibrinogen and FDP-models of molecular pathology? Gaffney PJ. **Br J Haematol** 25:271-2, Aug 73
The fate of the factor-13-mediated fibrin crosslinks during clot lysis. Gaffney PJ. **Br J Haematol** 25:277, Aug 73
Thromboplastic, fibrinolytic and antiheparin activity of pancreatic tissue in acute experimental pancreatitis. Gabryelewicz A, et al. **Bull Acad Pol Sci [Biol]** 20:691-4, 1972
Activation of human plasminogen by an insoluble derivative of urokinase. Structural changes of plasminogen in the course of activation to plasmin and demonstration of a possible intermediate compound. Wiman B, et al. **Eur J Biochem** 36:25-31, 2 Jul 73
Fibrinolytic activity in normal and cancerous tissues of the bladder. Hisazumi H, et al. **Invest Urol** 11:28-34, Jul 73
Degradation of human fibrinogen by plasms alpha2-macroglobulin-enzyme complexes. Harpel PC, et al. **J Clin Invest** 52:2175-84, Sep 73
Thrombolysis. Sharp AA, et al. **J Clin Pathol** 25:630-1, Jul 72
Aromatic esters which inhibit plasmin or thrombin by formation of relatively stable acyl enzymes. Glover G, et al. **J Med Chem** 16:262-6, Mar 73
F.D.P. **Lancet** 2:957-8, 4 Nov 72
Enzymatic and toxinogenic activity of culture filtrates of high and low virulent strains of Pseudomonas aeruginosa on mice. Muszyński Z. **Pathol Microbiol (Basel)** 39:135-47, 1973
Characterisation of staphylococci isolated from poultry. Devriese LA, et al. **Poult Sci** 51:389-97, Mar 72
The formation of an enzymically active complex between DFP-inhibited plasmin and streptokinase. Tomar RH, et al. **Proc Soc Exp Biol Med** 143:127-30, May 73

New aspects of the pathogenesis of thrombo-embolism. Nilsson IM, et al. **Prog Surg** 11:46-68, 1973 (89 ref.)

Studies on soluble fibrin in plasma. II. N-terminal analysis of a modified fraction I (Cohn) from patient plasmas. Kierulf P.
Scand J Clin Lab Invest 31:37-42, Jan 73

Degradation of fibrinogen in vitro. Demonstration of several antigenic intermediates by specific anti-D and anti-E serum. Gormsen J, et al.
Scand J Haematol 9:577-86, 1972

The effects of bile salts on some coagulation components and related enzymes. Engel AM, et al.
Thromb Diath Haemorrh 27:594-609, 31 Jul 72

[Defibrinating effect in dogs of FTH 50 (thrombinomimetic fraction of reptilase)] Foliana R, et al. **C R Soc Biol (Paris)** 166:1341-5, 1972 **(Fre)**

[Human thrombin inhibitors (2 -macroglobulin and antithrombin 3) during and after surgical and gynecologic-obstetrical intervention] Fischer M.
Folia Haematol (Leipz) 98:397-407, 1972 **(Ger)**

[New concepts of inflammation] Martini H.
Med Klin 68:697-700, 25 May 73 (Eng. Abstr.) **(Ger)**

[Studies on the radioimmunologic determination of plasminogen-plasmin] Rasche H, et al.
Nucl Med (Stuttg) 9:735-7, 1971 **(Ger)**

[Disseminated intravascular coagulation] Maekawa T.
Jap J Clin Pathol 21:24-30, Jan 73 (7 ref.) **(Jap)**

[Blood coagulation and fibrinolysis processes in menstrual blood] Zuch A, et al.
Acta Haematol Pol 2:359-65, Oct-Dec 71 (43 ref.) **(Pol)**

[Hageman enzyme as a trigger of blood kininogenesis systems] Buluk K, et al.
Pol Arch Med Wewn 50:475-80, May 73 (44 ref.) **(Pol)**

[Hemostasis disorders in liver cirrhosis] Judkiewicz L, et al. **Pol Tyg Lek** 28:708-11, 1 May 73 (34 ref.) **(Pol)**

[Principles of thrombolytic treatment] Judkiewicz L, et al. **Pol Tyg Lek** 27:1011-3, 26 Jun 72 (27 ref.) **(Pol)**

[The effect of adrenalectomy and administration of corticosteroids on the fibrinolytic activity of complex heparin compounds in the blood during immobilization] Kudriashov BA, et al.
Fiziol Zh SSSR 59:1108-13, Jul 73 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Two functionally different kininogens in human plasma. Seidel G. **Agents Actions** 3:12-9, May 73

Relation of microcirculatory thrombosis to thrombus in the proximal coronary artery: effect of aspirin, dipyridamole, and thrombolysis. Moschos CB, et al.
Am Heart J 86:61-8, Jul 73

Activation of a specific human plasma kininogenase with trypsin and plasmin. Seidel G, et al.
Biochem Pharmacol 22:929-37, 15 Apr 73

Fate of fibrinopeptides in the reaction between human plasmin and fibrinogen. Lahiri B, et al.
Biochim Biophys Acta 303:161-70, 23 Mar 73

Effects of plasmin on human factor VIII (AHF). Pasquini R, et al. **Blood** 41:105-11, Jan 73

Isohormones of human growth hormone. II. Plasmin-catalyzed transformation and increase in prolactin biological activity. Yadley RA, et al.
Endocrinology 93:858-65, Oct 73

Characterization of the chemotactic activity of casein for neutrophil leucocytes and macrophages. Wilkinson PC. **Experientia** 28:1051-2, 15 Sep 72

Increased plasminogen activator (urokinase) in tissue culture after fibrin deposition. Bernik MB.
J Clin Invest 52:823-34, Apr 73

Plasmin-induced platelet aggregation and platelet release reaction. Effects on hemostasis. Niewiarowski S, et al. **J Clin Invest** 52:1647-59, Jul 73

Plasmin-induced platelet aggregation and platelet release reaction. Effects on hemostasis. Niewiarowski S, et al. **J Clin Invest** 22:1647-59, Jul 73

Mechanism of ancrod anticoagulation. A direct proteolytic effect on fibrin. Pizzo SV, et al.
J Clin Invest 51:2841-50, Nov 72

Immunoephelometric determination of fibrinogen and its derivatives in plasma. Farrell GW, et al.
J Immunol Methods 1:217-29, May 72

Inactivation of platelet factor 4 in plasma. Eika C, et al.
Scand J Haematol 9:343-50, 1972

Protease activity in synovial tissue extracts. Andersen RB, et al. **Scand J Rheumatol** 1:75-9, 1972

[Experimental and clinical studies on cancer chemotherapy--enhancement of the cytocidal effect of Mitomycin-C by one of lysosome labilizer, plasmin] Taniguchi T.
J Jap Soc Cancer Ther 7:290-309, 20 Dec 72 (Eng. Abstr.) **(Jap)**

[Effect of plasmin on chick embryo fibroblasts in culture] Komatsu F.
J Jap Soc Intern Med 62:735-46, Jul 73 **(Jap)**

[Experimental thrombolysis] Shumakov VI, et al.
Kardiologiia 12:88-91, Feb 72 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

The significance of plasma inhibitor(s) in the control of fibrinolytic (plasmin) activity in blood. Monkhouse FC, et al. **Thromb Diath Haemorrh** 28:367-75, 31 Dec 72

A new method based on one dimensional diffusion using small glass tubes for the measurement of fibrinolytic activity. I. Fibrinolytic activity of plasmin and "euglobulin + streptokinase". Yasukouchi T, et al. **Thromb Diath Haemorrh** 28:329-41, 31 Dec 72

[Physiology of coagulation and fibrinolysis] Belleville J. **Lyon Med** 19:Suppl:103-12, Apr 72 **(Fre)**

[Fibrinogen. Hereditary hypo--and dysfibrinogenemia] Gajdos A.
Nouv Presse Med 2:1067-71, Apr 73 (30 ref.) **(Fre)**

[Origin and physiological significance of "activated" plasminogen and plasmin for the mobilization of the anticoagulation system] Kudrjaschow BA, et al.
Folia Haematol (Leipz) 98:313-21, 1972 (Eng. Abstr.) **(Ger)**

[Humoral factors of the anticoagulative system] Kudrjashov BA.
Folia Haematol (Leipz) 98:391-6, 1972 **(Ger)**

[Disseminated intravascular coagulation] Amir J. **Harefuah** 83:29-32, 2 Jul 72 (20 ref.) **(Heb)**

[Role of enzymes in inflammation] Fujii S, et al.
Jap J Clin Pathol 21:1-10, Jan 73 (73 ref.) **(Jap)**

[The origin and physiological importance of activated plasminogen and plasmin in excitation of the anticoagulative system] Kudriashov BA, et al.
Vopr Med Khim 19:136-40, Mar-Apr 73 (Eng. Abstr.) **(Rus)**

SECRETION

The secretion of fibrinolysin by cultured rat ovarian tumor cells. Yunis AA, et al.
Biochem Biophys Res Commun 52:1003-12, 8 Jun 73

New aspects of the pathogenesis of thrombo-embolism. Nilsson IM, et al. **Prog Surg** 11:46-68, 1973 (89 ref.)

THERAPEUTIC USE

Experimental intracoronary thrombosis and selective in situ lysis by catheter technique. Kordenat RK, et al.
Am J Cardiol 30:640-5, 8 Nov 72

Potentation of thrombolysis by a sulfhydryl inhibitor. Moschos CB, et al. **Cardiovasc Res** 6:556-61, Sep 72

A proposed drug treatment of oral wounds, infection. Depalma RA. **Dent Surv** 49:54 passim, Jul 73

[Effect of heparin on the metastasis of inoculated tumor in rats] Yamaguchi S.
Med J Osaka Univ 23:31-9, Sep 72 (Eng. Abstr.) **(Ger)**

[Experimental and clinical studies on cancer chemotherapy--enhancement of the cytocidal effect of Mitomycin-C by one of lysosome labilizer, plasmin] Taniguchi T.
J Jap Soc Cancer Ther 7:290-309, 20 Dec 72 (Eng. Abstr.) **(Jap)**

[Clinico-anatomical variants of occlusion of the subclavian and axillary veins (Paget-Schrötter syndrome)] Bronnikov NM.
Klin Khir 7:44-6, Jul 73 **(Rus)**

[Thromboembolic lesions of the retinal vessels] Kondratskii VF. **Oftalmol Zh** 26:461-2, 1971 **(Rus)**

[Treatment of thrombosis as a result of stress (the Paget-Schroetter syndrome) in diabetes with fibrinolysin and anticoagulants] Ospanov TO, et al.
Vestn Khir 110:115-6, Mar 73 **(Rus)**

[Use of proteolytic enzymes for prevention of postoperative adhesions in the abdominal cavity] Zhenchevskiĭ RA.
Vestn Khir 108:48-53, Oct 72 (Eng. Abstr.) **(Rus)**

[Evaluation of the changes in the blood coagulation system in the dynamics of treating ischemic insult with anticoagulants] Lobkova TN.
Zh Nevropatol Psikhiatr 73:645-51, 1973 (Eng. Abstr.) **(Rus)**

[Fibrinolysin-anticoagulant therapy of cerebral thromboses] Lunev DK, et al.
Zh Nevropatol Psikhiatr 72:1121-8, 1972 (Eng. Abstr.) **(Rus)**

[Experience in emergency diagnosis and treatment of stroke] Shefer DG, et al.
Zh Nevropatol Psikhiatr 72:1159-64, 1972 (Eng. Abstr.) (Rus)

[Treatment of experimental hyphema in rabbits by Sevac plasmin] Rokos L, et al.
Cesk Oftalmol 29:3-10, Jan 73 (Eng. Abstr.) (Slo)

FIBRINOLYSIS

The effect of lipids on platelets, blood coagulation and fibrinolysis. Verstraete M.
Acta Cardiol (Brux) Suppl 25:37-47, 1972

Fibrinolytic activity of the blood and its relation to postoperative venous throbosis of the lower limbs. A clinical study. Becker J.
Acta Chir Scand 138:787-92, 1972

Pulmonary insufficiency, microembolism and fibrinolysis inhibition in a post-traumatic autopsy material. Lindquist O, et al.
Acta Chir Scand 138:545-9, 1972

Fibrinolysis in human malignant tumours. Peterson HI, et al. Acta Chir Scand 139:219-23, 1973

Demonstration of fibrin in skin diseases. I. Lichen ruber planus and lupus erythematosus. Salo OP, et al.
Acta Derm Venereol (Stockh) 52:291-4, 1972

The fibrinolytic enzyme system in leukaemia, myelomatosis and myeloproliferative diseases. Ogston D, et al. Acta Haematol (Basel) 48:322-30, 1972

The fibrinolytic enzyme system in malignant lymphomas. Ogston D, et al.
Acta Haematol (Basel) 49:89-95, 1973

The histochemistry of fibrinolysis in haemophilic synovial membranes. Storti E, et al.
Acta Haematol (Basel) 49:142-53, 1973

Immunoelectrophoretic study on the Postmortem cadaver blood in sudden death. Haba K.
Acta Haematol Jap 34:219-27, Apr 71

Coagulation and fibrinolysis in a patient with extracorporeal liver perfusion. Lukasiewicz H, et al.
Acta Med Pol 14:79-82, 1973

Recurrent thrombosis in a young woman with a circulating anticoagulant directed against factors XI and XII. Aberg H, et al.
Acta Med Scand 192:419-25, Nov 72

Blood coagulation, fibrinolysis and platelet function in women aged 38, 46, 50, 54 and 60. The study of women in Gothenburg 1968-1969. Korsan-Bengtsen K, et al.
Acta Med Scand 193:543-6, Jun 73

Blood coagulation and fibrinolysis in relation to degree of physical activity during work and leisure time. A study based on a random sample of 54-year-old men. Korsan-Bengtsen K, et al.
Acta Med Scand 193:73-7, Jan-Feb 73

Fibrinolytic activity of human brain. A histochemical study. Tovi D. Acta Neurol Scand 49:152-62, 1973

Fibrinolytic activity of the cerebrospinal fluid after subarachnoid haemorrhage. Tovi D, et al.
Acta Neurol Scand 49:1-9, 1973

Increased fibrinolytic activity and fibrin degradation products after experimental intracerebral haemorrhage. Tovi D, et al.
Acta Neurol Scand 48:403-15, 1972

Fibrinolytic activity of veins in the puerperium. Astedt B. Acta Obstet Gynecol Scand 51:325-8, 1972

Fibrin degradation products and plasminogen in newborn infants with respiratory disturbances and postnatal asphyxia. Ekelund H, et al.
Acta Paediatr Scand 61:661-9, Nov 72

Fibrinolytic acivity in lung tissue from neonates with hyaline membrane disease. Ekelund H, et al.
Acta Paediatr Scand 62:149-57, Mar 73

Fibrinolytic activity of renal transplants in rabbits relation to graft thrombosis and necrosis. Myhre-Jensen O, et al.
Acta Pathol Microbiol Scand [A] 80:651-8, 1972

Biological effect of basic polyglutamic acid derivatives. Lázár G, et al.
Acta Physiol Acad Sci Hung 41:113-23, 1972

Seasonal variations in the physiology and biochemistry of the European hedgehog (Erinaceus europaeus) including comparisons with non-hibernators, guinea-pig and man. Johansson BW, et al.
Acta Physiol Scand [Suppl] 380:1-159, 1972

The role of platelets in arterial and venous thrombosis. Thomas DP. Adv Exp Med Biol 34:23-42, 1972 (74 ref.)

Blood coagulation during critical decompression following diving experiments with oxygen-helium. Bonin B, et al. Aerosp Med 44:508-12, May 73

Fibrinolysis in retinal vein occlusions. A preliminary report. Höhmann R, et al.
Albrecht von Graefes Arch Klin Ophthalmol 187:327-40, 1973

Disseminated intravascular coagulation. Pierce LE.
Am Fam Physician 7:118-25, Feb 73

Hypofibrinogenemia associated with hemangioma of the liver. Martinez J, et al.
Am J Clin Pathol 60:192-7, Aug 73

Differentiation of bleeding diatheses which occur following protamine correction of heparin anticoagulation. Soloway HB, et al.
Am J Clin Pathol 60:188-91, Aug 73

Fibrinolytic activity in patients with acute myocardial infarction. Svehla C. Am J Clin Pathol 59:120-1, Jan 73

Coagulation in cyanotic congenital heart disease. Wedemeyer AL, et al.
Am J Dis Child 124:856-60, Nov 72

Abnormal fibrinolysis in familial pulmonary hypertension. Inglesby TV, et al.
Am J Med 55:5-14, Jul 73

Perspective: heparin therapy for disseminated intravascular coagulation. Marcus AJ.
Am J Med Sci 264:365-6, Nov 72

Relationship of endometrial plasminogen activator to fibrin proteolysis in the uterine cavity of rhesus monkeys. Shaw ST Jr, et al.
Am J Obstet Gynecol 115:983-5, 1 Apr 73

The effect of thorotrast and cortisone on renal cortical fibrinolytic activity in the rabbit. Bergstein JM, et al.
Am J Pathol 71:113-8, Apr 73

Mesothelial injury and recovery. Ryan GB, et al.
Am J Pathol 71:93-112, Apr 73

Inhibition of plasminogen activators by naturally occurring inhibitors in man. Aoki N, et al.
Am J Physiol 223:1334-7, Dec 72

Serosal hypofibrinolysis. A cause of postoperative adhesions. Gervin AS, et al. Am J Surg 125:80-8, Jan 73

Problems in evaluating the components of the kinin system. Hamberg U.
Ann Chir Gynaecol Fenn 61:238-50, 1972 (46 ref.)

Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA.
Ann Clin Lab Sci 1:139-54, Sep-Oct 71 (46 ref.)

Fibrinogen and the fibrinogenopathies. Morse EE.
Ann Clin Lab Sci 1:155-61, Sep-Oct 71 (30 ref.)

Intravascular coagulation-fibrinolysis (ICF) syndrome. Owen CA Jr, et al. Ann Clin Lab Sci 2:26-30, Jan-Feb 72

Defibrination or primary fibrinolysis? Solomon RB.
Ann Intern Med 77:328, Aug 72

Degradation of stabilized and nonstabilized fibrin clots by plasmin: an immunological study. Gormsen J, et al.
Ann NY Acad Sci 202:329-34, 8 Dec 72

Cross-linking of fibrin by fibrin=stabilizing factor. McKee PA, et al.
Ann NY Acad Sci 202:127-48, 8 Dec 72 (37 ref.)

Abnormalities of platelet aggregation in patients with alcoholic cirrhosis. Thomas DP.
Ann NY Acad Sci 201:243-50, 27 Oct 72

Tissue transamidases, fibrin stabilization and clot lysis. Tyler HM.
Ann NY Acad Sci 202:273-85, 8 Dec 72 (39 ref.)

Coagulation changes of septic shock in the sub-human primate and their relationship to hemodynamic changes. Horowitz DL, et al.
Ann Surg 175:417-23, Mar 72

Results in 107 hepatic lobectomies with a preliminary report on the use of a clamp to reduce blood loss. Lin TY. Ann Surg 177:413-21, Apr 73

Neutrophil proteases in inflammation. Janoff A.
Annu Rev Med 23:177-90, 1972 (78 ref.)

Nature and biological activities of degradation products of fibrinogen and fibrin. Kwaan HC, et al.
Annu Rev Med 24:335-44, 1973 (76 ref.)

Fibrinolytic activity in lesions of hereditary hemorrhagic telangiectasia. Kwaan HC, et al.
Arch Dermatol 107:571-3, Apr 73

Fibrinolytic split products. A clinicopathological correlative study in adults with lupus glomerulonephritis and various renal diseases. Bond RE, et al. Arch Intern Med 132:182-7, Aug 73

Activation of fibrinolysis in muscular dystrophy. Berman PH, et al. Arch Neurol 29:65-6, Jul 73

Fibrinolytic activity of squamous epithelium of the oral cavity and oesophagus of rat, guinea pig and rabbit. Myhre-Jensen O, et al.
Arch Oral Biol 16:1099-107, Sep 71

Fibrinolytic activity in rat gastrointestinal mucosa. Myhre-Jensen O, et al. Arch Pathol 95:195-8, Mar 73

Ultrapore hemofiltration. The effects on the coagulation and fibrinolytic mechanisms in fresh and

stored blood. Gervin AS, et al.
Arch Surg 106:333-6, Mar 73

Venous and arterial occlusive disease treated by enzymatic clot lysis. LeVeen HH, et al.
Arch Surg 105:927-36, Dec 72

Relationship of fibrinolytic system to postoperative thrombotic phenomena. Sautter RD, et al.
Arch Surg 107:292-6, Aug 73

Blood coagulation and fibrinolysis in man after myocardial infarction compared with a representative population sample. Korsan-Bengtsen K, et al.
Atherosclerosis 16:83-8, Jul-Aug 72

Endothelium and fibrinolysis. Todd AS.
Atherosclerosis 15:137-40, Mar-Apr 72

Fibrinolysis and haemostasis. Castaldi PA, et al.
Aust NZ J Med 2:113-7, May 72

Acute disseminated intravascular coagulation in systemic lupus erythematosus. Whitaker AN, et al.
Aust NZ J Med 2:182-7, May 72

The effect of heparin on the early resolution of pulmonary emboli in the dog. Vellar ID, et al.
Aust NZ J Surg 42:85-9, Aug 72

Detection of fibrinolytic activity by a zymogram technique after isoelectric focusing. Vesterberg O, et al. **Biochim Biophys Acta** 285:393-7, 28 Dec 72

Leukofibrinolysis. Lewis JH, et al.
Blood 40:844-55, Dec 72

Variations of plasma cortisol and blood fibrinolytic activity during anaesthetic and surgical stress. Engquist A, et al. **Br J Anaesth** 44:1291-7, Dec 72

The role of dermal blood vessels in the pathogenesis of malignant atrophic papulosis (Degos' disease). A study of two cases using enzyme histochemical, fibrinolytic, electron-microscopical and immunological techniques. Black MM, et al.
Br J Dermatol 88:213-9, Mar 73

Observations on tissue fibrinolytic activity in patients with cutaneous vasculitis. Dodman B, et al.
Br J Dermatol 88:231-5, Mar 73

The fate of the factor-13-mediated fibrin crosslinks during clot lysis. Gaffney PJ.
Br J Haematol 25:277, Aug 73

Studies of the procoagulant and fibrinolytic activity of promyelocytes in acute promyelocytic leukaemia. Grainick HR, et al. **Br J Haematol** 24:89-99, Jan 73

Relationships between the haemostatic, complement and kinin-forming systems. Ogston D.
Br J Haematol 25:273, Aug 73

Studies on blood coagulation, fibrinolysis and platelet function following exercise in normal and splenectomized people. Prentice CR, et al.
Br J Haematol 23:541-52, Nov 72

Blood clotting and fibrinolysis in areas with different water supplies. Elwood PC, et al.
Br J Prev Soc Med 26:246-8, Nov 72

Factors influencing prognosis in the surgery of peripheral vascular disease: platelet adhesiveness, plasma fibrinogen, and fibrinolysis. Hamer JD, et al.
Br J Surg 60:386-9, May 73

Alteration in fibrinolysis associated with surgery and venous thrombosis. Mansfield AO.
Br J Surg 59:754-7, Oct 72

Streptokinase therapy in deep-vein thrombosis. Mavor GE, et al. **Br J Surg** 60:468-74, Jun 73

Soleal veins and local fibrinolytic activity. Nicolaides AN, et al. **Br J Surg** 59:914, Nov 72

Idiopathic gangrene in African adults. Barr RD, et al.
Br Med J 4:273-4, 4 Nov 72

Behçet's disease with decreased fibrinolysis and superior vena caval occlusion. Chajek T, et al.
Br Med J 1:782-3, 31 Mar 73

Behçet's syndrome and oral fibrinolytic therapy. Cunliffe WJ, et al. **Br Med J** 2:486-7, 26 May 73

Fibrinolysis in cholestatic jaundice. Dioguardi N, et al.
Br Med J 2:778-9, 30 Jun 73

Fibrinolysis in cholestatic jaundice. Jedrychowski A, et al. **Br Med J** 1:640-2, 17 Mar 73

Haemostatic changes during dialysis associated with thrombus formation on dialysis membranes. Lindsay RM, et al. **Br Med J** 4:454-8, 25 Nov 72

Cardiovascular disease in the tropics. IV. Coronary heart disease. Shaper AG.
Br Med J 4:32-5, 7 Oct 72 (82 ref.)

The practicabilities of deep vein thrombosis. Graham AJ. **Cent Afr J Med** 19:94-7, May 73

Impairment of the diurnal fibrinolytic response in man. Effects of aging, type IV hyperlipoproteinemia, and coronary artery disease. Rosing DR, et al.
Circ Res 32:752-8, Jun 73

Studies on the blood fibrinolytic system in congestive cardiac failure. Rawles JM, et al.
Clin Sci 45:65-76, Jul 73

Changes in fine structure of fibrin in fibrinolysis. Rossmann P, et al. **Cor Vasa** 14:222-7, 1972

Fibrinolytic activity in hepatic cirrhosis. Blatný J, et al.
Digestion 6:165-72, 1972

On coagulation and fibrinolysis in trauma and shock. Pandolfi M, et al. **Eur Surg Res** 4:153-65, 1972

Kasabach-Merritt syndrome in an adult. Boros G, et al.
Haematologia (Budap) 7:83-96, 1973

Fibrinolytic activity in Hawaiian and Japanese men in Hawaii. Moellering RC Jr, et al.
Hawaii Med J 31:468-75, Nov-Dec 72

Acute hepatic necrosis of hepatitis and mushroom poisoning. The value of coagulation tests in their differentiation, prognostic assessment and pathogenesis. Herold R, et al.
Helv Med Acta 37:5-24, 1973

Coagulation problems. Czapek EE.
Int Anesthesiol Clin 11:175-201, Summer 73 (66 ref.)

The chemotactic activity of fibrin lysis products. Stecher VJ, et al.
Int Arch Allergy Appl Immunol 43:879-86, 1972

Kinines and pain in "dry socket". Birn H.
Int J Oral Surg 1:34-42, 1972

Cellular fibrinolytic activity of human alveolar bone. Birn H, et al. **Int J Oral Surg** 1:121-5, 1972

Fibrinolytic activity in normal and cancerous tissues of the bladder. Hisazumi H, et al.
Invest Urol 11:28-34, Jul 73

Fibrinolytic activity and recalcified plasma clotting time in uremia. Bector NP, et al.
J Assoc Physicians India 19:615-8, Sep 71

Fibrinolytic activity in experimental myocardial infarction. Gahlaut DS, et al.
J Assoc Physicians India 20:621-3, Sep 72

A study of the role of normal liver in blood fibrinolysis in man. Nath K, et al.
J Assoc Physicians India 19:619-21, Sep 71

Human Factor XIII from plasma and platelets. Molecular weights, subunit structures, proteolytic activation, and cross-linking of fibrinogen and fibrin. Schwartz ML, et al. **J Biol Chem** 248:1395-407, 25 Feb 73

Identification of modified streptokinase as the activator of bovine and human plasminogen. Taylor FB Jr, et al. **J Biol Chem** 248:1127-34, 25 Feb 73

Mechanism of ancrod anticoagulation. A direct proteolytic effect on fibrin. Pizzo SV, et al.
J Clin Invest 51:2841-50, Nov 72

Methodology for the control of thrombolytic therapy. Alkjaersig N. **J Clin Pathol** 25:625-6, Jul 72

The fibrinolytic enzyme system in hypertension. Bennett B, et al. **J Clin Pathol** 26:351-3, May 73

Effect of venous occlusion on fibrinolysis before and after delivery. Ciavarella N, et al.
J Clin Pathol 25:619, Jul 72

Effects of changes in temperature (local and central) on plasma fibrinolytic activity. Dodman B, et al.
J Clin Pathol 26:248-9, Apr 73

Clinical physiology of the fibrinolytic enzyme system. Douglas AS, et al. **J Clin Pathol** 25:615-8, Jul 72

Effect of feeding fat on fibrinolysis, stypven time, and platelet aggregation in elderly Africans. Ferguson JC, et al. **J Clin Pathol** 25:574-6, Jul 72

Streptokinase therapy for deep vein thrombosis. Flute PT. **J Clin Pathol** 25:640-1, Jul 72

The fibrinolytic response to a variety of stimuli in man. Gash JD. **J Clin Pathol** 25:619, Jul 72

The relationship of the dilute whole blood lysis time to the fibrinolytic activity of blood: effect of change in plasma fibrinogen. Hickman JA, et al.
J Clin Pathol 26:189-93, Mar 73

Fibrin lysis by thrombin elevating levels of fibrinogen and fibrin-related antigen (FR-antigen) in human serum as shown by Auto Analyzer assay. Merskey C, et al. **J Clin Pathol** 25:623, Jul 72

Thrombolysis. Sharp AA, et al.
J Clin Pathol 25:630-1, Jul 72

A technique for demonstrating fibrinolysis by cutaneous bacteria. Somerville DA.
J Clin Pathol 25:740-1, Aug 72

A study on the role of the liver in the homeostatic regulation of the fibrinolytic system using hepatic vein catheterization. Ulutin SB.
J Clin Pathol 25:619-20, Jul 72

Fibrinolytic activity in bilharzial hepatic fibrosis. el-Attar O, et al. **J Egypt Med Assoc** 55:512-9, 1972

The fibrinolytic pathway of human plasma. Isolation and characterization of the plasminogen proactivator. Kaplan AP, et al. **J Exp Med** 136:1378-93, 1 Dec 72

An enzymatic function associated with transformation of fibroblasts by oncogenic viruses. II. Mammalian fibroblast cultures transformed by DNA and RNA tumor viruses. Ossowski L, et al.
J Exp Med 137:112-26, 1 Jan 73

An enzymatic function associated with transformation of fibroblasts by oncogenic viruses. I. Chick embryo fibroblast cultures transformed by avian RNA tumor viruses. Unkeless JC, et al.
J Exp Med 137:85-111, 1 Jan 73

Study of plasma fibrinogen and fibrinolytic activity in acute myocardial infarction. Basu HN, et al.
J Indian Med Assoc 57:135-8, 16 Aug 71

Evidence for participation of granulocytes in the pathogenesis of the generalized Shwartzman reaction: a review. Horn RG.
J Infect Dis 128:Suppl:134-43, Jul 73 (49 ref.)

Degradation products of fibrinogen and fibrin in bacteremia due to gram-negative rods. Satterwhite TK, et al. **J Infect Dis** 127:437-41, Apr 73

Characterization and significance of urinary fibrin degradation products. Cortes P, et al.
J Lab Clin Med 82:377-89, Sep 73

Labelled fibrinogen. A brief review. Bettigole RE.
J Med (Basel) 4:55-9, 1973

The coagulation and fibrinolytic properties of peritoneal and venous blood in patients with ruptured ectopic pregnancy. Carty MJ, et al.
J Obstet Gynaecol Br Commonw 80:701-3, Aug 73

Serum lipids and fibrinolytic activity in pregnant African, Asian and European women in Uganda. Damani P, et al.
J Obstet Gynaecol Br Commonw 79:1095-8, Dec 72

The mechanisms of canalisation in deep vein thrombosis. Sevitt S. **J Pathol** 110:153-65, Jun 73

Relation of fibrinolytic activity in human oral epithelial cells to cellular maturation: the influence of smoking. Wünschmann-Henderson B, et al.
J Pathol 108:293-301, Dec 72

Hypofibrinogenemic states in obstetrics. Sise HS.
J Reprod Med 10:115-7, Mar 73

Fibrinogen and albumin catabolism in experimental pancreatitis in the rat. Wardle EN.
J Surg Res 15:122-31, Aug 73

Fibrinolytic activity, obesity, and coronary heart disease. **JAMA** 224:1288, 28 May 73

Rapid latex-screening test for urine F.D.P. Cash JD, et al. **Lancet** 1:153-4, 20 Jan 73

Consumption coagulopathy in congenital heart-disease. Ihenacho HN, et al. **Lancet** 1:231-4, 3 Feb 73

Acute renal failure. Wardle EN. **Lancet** 2:328, 11 Aug 73

Activation of fibrinolysis by a lymphogenic activator in the rat. Hilgard P, et al. **Lymphology** 5:152-5, Dec 72

Urokinase inhibitor in human placenta. A thromboelastographic evaluation. Uszyński M, et al.
Mater Med Pol 3:15-9, Oct-Dec 71

Abnormal bleeding after prostatectomy: illustrative cases and review of management. O'Sullivan EF, et al.
Med J Aust 2:1165-9, 18 Nov 72

Inhibition of leucine aminopeptidase by human serum group-specific component. Jungfer H.
Naturwissenschaften 60:54, Jan 73

The arginine content in fibrin clots and fibrinolysis in neoplastic diseases. Farbiszewski R, et al.
Neoplasma 20:203-8, 1973

Fibrinolysis: a possible factor in the control of postoperative hemorrhage in the patient with hemophilia. Bump RL, et al.
Oral Surg 36:195-200, Aug 73

Fibrinolytic activity in dental cysts. Harris M, et al.
Oral Surg 35:818-26, Jun 73

Vasospasm in ischemic heart disease--a hypothesis. Hellstrom HR. **Perspect Biol Med** 16:427-40, Spring 73

Coagulation abnormalities in liver disease. Losowsky MS, et al. **Postgrad Med** 53:147-52, Jan 73

Discriminating neoantigenic differences between fibrinogen and fibrin derivatives. Plow EF, et al.
Proc Natl Acad Sci USA 70:1169-73, Apr 73

Abnormal fibrinolysis. Bowen-Simpkins P.
Proc R Soc Med 65:865-6, Oct 72

Cutaneous vasculitis: antigen-antibody complexes and prolonged fibrinolysis. Parish WE.
Proc R Soc Med 65:276-8, Mar 72

New aspects of the pathogenesis of thrombo-embolism. Nilsson IM, et al. **Prog Surg** 11:46-68, 1973 (89 ref.)

A study of patients with atherosclerosis and renal disease with respect to lipoprotein types, fibrinolysis, and carbohydrate tolerance. Wardle EN, et al.
Q J Med 41:15-23, Jan 72

Some recent advances in coagulation--1972. King JB.
S Afr Med J 46:2085-9, 30 Dec 72 (42 ref.)

Studies on soluble fibrin in plasma. II. N-terminal analysis of a modified fraction I (Cohn) from patient plasmas. Kierulf P.
Scand J Clin Lab Invest 31:37-42, Jan 73

Heart lymph flow and aspartate aminotransferase activity after infusion of thrombin and tranexamic acid in the dog. Lindquist O, et al.
Scand J Clin Lab Invest 30:145-51, Oct 72

Molecular forms of plasmin and protease inhibitors in human fibrinolytic post-mortem plasma. Müllertz S.
Scand J Clin Lab Invest 30:369-79, Dec 72

Inhibition of fibrinolysis in extracorporeal pig liver perfusion. Jedrychowski A, et al.
Scand J Gastroenterol 7:551-4, 1972

Significance of intravascular coagulation and fibrinolysis in acute hepatic failure. Hillenbrand P, et al. **Scand J Gastroenterol [Suppl]** 19:133-4, 1973

Hemostatic problems in liver surgery. Rö JS.
Scand J Gastroenterol [Suppl] 19:71-81, 1973 (67 ref.)

Erythrocytosis associated with haemoglobin Malmö, accompanied by pulmonary changes, occurring in the same family. Berglund S.
Scand J Haematol 9:355-69, 1972

Venous stasis and fibrinolytic activity. Influence of graduated compression and changes in gas values. Feddersen C, et al. **Scand J Haematol** 9:502-8, 1972

Degradation of fibrinogen in vitro. Demonstration of several antigenic intermediates by specific anti-D and anti-E serum. Gormsen J, et al.
Scand J Haematol 9:577-86, 1972

Fibrinolytic activity of human synovial membranes in health and in haemophilia. Pandolfi M, et al.
Scand J Haematol 9:572-6, 1972

Protease activity in synovial tissue extracts. Andersen RB, et al. **Scand J Rheumatol** 1:75-9, 1972

The blood coagulation and fibrinolytic enzyme systems in healthy adult Africans and Europeans--a comparative study. Barr RD, et al.
Scott Med J 18:93-7, May 73

Hemostatic abnormalities associated with dysproteinemias. Lackner H.
Semin Hematol 10:125-33, Apr 73 (72 ref.)

Complement and coagulation in Rocky Mountain spotted fever. Graybill JR, et al.
South Med J 66:410-3, Apr 73

Studies on fibrinolytic activity in patients with Plasmodium falciparum malaria. Areekul S, et al.
Southeast Asian J Trop Med Public Health 3:198-204, Jun 72

Coagulation and fibrinolysis in simian Plasmodium knowlesi malaria. Sucharit P, et al.
Southeast Asian J Trop Med Public Health 4:15-8, Mar 73

Is primary fibrinolysis a real entity? Gans H.
Surg Gynecol Obstet 136:975-6, Jun 73

Massive intraoperative autotransfusion of blood. Rakower SR, et al.
Surg Gynecol Obstet 137:633-6, Oct 73

Fibrinolysis and circulating malignant cells. Salsbury AJ, et al. **Surg Gynecol Obstet** 136:733-6, May 73

Exchange transfusion experiments in rats inducing intravascular coagulation. Theiss W, et al.
Surg Gynecol Obstet 135:713-6, Nov 72

Surface thrombogenicity of arterial prostheses. Yates SG 2d, et al. **Surg Gynecol Obstet** 136:12-6, Jan 73

Fibrinolysis in the domestic chicken (Gallus domesticus). Allen BV.
Thromb Diath Haemorrh 27:644-8, 31 Jul 72

Renal cortical fibrinolytic activity in the rabbit following one or two doses of endotoxin. Bergstein JM, et al. **Thromb Diath Haemorrh** 29:27-32, 28 Feb 73

Studies on the role of fibrinolysis and fibrinogen degradation products (FDP) in analgesic action of morphine. Buczko W, et al.
Thromb Diath Haemorrh 28:359-66, 31 Dec 72

Measurement of fibrin proteolysis in vivo by a radioactive fibrin-millipore tube technique. Cihak RW, et al. **Thromb Diath Haemorrh** 27:634-43, 31 Jul 72

The plasminogen activator content of the arterial wall in occlusive arterial diseases. Constantini R, et al.
Thromb Diath Haemorrh 27:649-54, 31 Jul 72

Plasma fibrinolytic activity associated with flurothyl induced convulsion. Cooper RG, et al.
Thromb Diath Haemorrh 28:376-82, 31 Dec 72

Fibrinolysis by bile. King JB.
Thromb Diath Haemorrh 28:299-305, 31 Oct 72

Comparison of ethanol and protamine tests in demonstration of soluble fibrin and early products of

fibrin degradation. Konttinen YP, et al.
Thromb Diath Haemorrh 28:342-50, 31 Dec 72
Blood coagulation and fibrinolysis in a random sample of 788 men 54 years old. II. Relations of the variables to "risk factors" for myocardial infarction. Korsan-Bengtsen K, et al.
Thromb Diath Haemorrh 28:99-108, 31 Aug 72
Blood coagulation and fibrinolysis in a random sample of 788 men 54 years old. I. Correlations between the variables of clotting and fibrinolysis. Korsan-Bengtsen K, et al.
Thromb Diath Haemorrh 28:89-98, 31 Aug 72
The significance of plasma inhibitor(s) in the control of fibrinolytic (plasmin) activity in blood. Monkhouse FC, et al. **Thromb Diath Haemorrh** 28:367-75, 31 Dec 72
Differences in the binding to fibrin of urokinase and tissue plasminogen activator. Thorsen S, et al.
Thromb Diath Haemorrh 28:65-74, 31 Aug 72
[The plasminogen-plasmin system. 8. On the mechanism of chemical induction of fibrinolysis. Isolation of a latent plasminogen activator from human plasma. Tomikawa M, et al.
Thromb Diath Haemorrh 29:50-62, 28 Feb 73
A new method based on one dimensional diffusion using small glass tubes for the measurement of fibrinolytic activity. I. Fibrinolytic activity of plasmin and "euglobulin + streptokinase". Yasukouchi T, et al. **Thromb Diath Haemorrh** 28:329-41, 31 Dec 72
The surface bonded, covalently crosslinked urokinase synthetic surface. In vitro and chronic in vivo studies. Kusserow BK, et al.
Trans Am Soc Artif Intern Organs 19:8-12, 1973
Fibrinolysis and wound infection. Schulte W, et al.
Trans Congr Int Assoc Oral Surg 4:111-5, 1973
Erythrocyte deformation as a sign of renal homograft rejection. Guevarra AK, et al.
Transplantation 14:683-8, Dec 72
[Study of the conditions for increasing the fibrinolytic activity of Aspergillus sp. strain 101 in deep culture] Grivorov Iv, et al.
Izv Mikrobiol Inst (Sofiia) 23:55-9, 1972 (Eng. Abstr.) **(Bul)**
[Fibrinolysis and its inhibition in gynecology] Koutský J, et al.
Cas Lek Cesk 112:72-5, 19 Jan 73 (Eng. Abstr.) **(Cze)**
[Fibrinolysis, fibrinogen and stability of fibrin in the newborn infants] Hrodek O.
Cesk Pediatr 28:54-7, Feb 73 (Eng. Abstr.) **(Cze)**
[Comparison of coagulation tests in man and 4 animal species (rabbit, dog, cow and pig)] Kaše F.
Vet Med (Praha) 17:495-500, Aug 72 (Eng. Abstr.) **(Cze)**
[Prognostic significance of some coagulation changes in myocardial infarct] Cepeláková H, et al.
Vnitr Lek 19:478-86, May 73 (Eng. Abstr.) **(Cze)**
[Disseminated intravascular coagulation (DIC). I. Experimental DIC in animals and spontaneous DIC in man] Slappendel RJ.
Tijdschr Diergeneeskd 98:605-15, 1 Jul 73 (60 ref.) (Eng. Abstr.) **(Dut)**
[Complications of endoscopic resection] Wincqz PJ, et al. **Acta Urol Belg** 41:78-81, Jan 73 (Eng. Abstr.) **(Fre)**
[Peroperative bleeding in polycythemic patients] Bossy S, et al.
Anesth Analg (Paris) 29:341-6, May-Jun 72 **(Fre)**
[Acute poisoning with arsenic derivatives; (apropos of 4 personal cases); hemostasis disorders; ultramicroscopic study of the liver and kidney] Fréjaville JP, et al.
Ann Med Interne (Paris) 123:713-22, Aug-Sep 72 (Eng. Abstr.) **(Fre)**
[Importance of shock in the activation of fibrinolysis caused by injection of incompatible blood in dogs. Effect of a previous hypotension] Dosne AM.
C R Soc Biol (Paris) 165:2299-304, 1971 **(Fre)**
[Hemostasis disorders in patients with multiple injuries] Moriau M.
Cah Anesthesiol 20:379-81, May-Jun 72 **(Fre)**
[Coagulolytic function and pathology] Raby C.
Cah Anesthesiol 20:485-90 passim, Jul-Sep 72 **(Fre)**
[Blood coagulation disorders in patients with chronic renal insufficiency] Follana R, et al.
J Urol Nephrol (Paris) 78:1004-7, Dec 72 **(Fre)**
[Physiology of coagulation and fibrinolysis] Belleville J. **Lyon Med** 19:Suppl:103-12, Apr 72 **(Fre)**
[The defibrination syndrome, complication of an atheromatous aneurysm of the thoracic aorta: clinical, biological and anatomical study] Kolodie L, et al.
Lyon Med 227:1075-80, 11 Jun 72 (Eng. Abstr.) **(Fre)**
[Heparin cofactor level in the initial stage of acute leukoses. Reduction of this factor by asparaginase] Kolodie L, et al.
Lyon Med 228:685-90, 10 Dec 72 (Eng. Abstr.) **(Fre)**
[Fibrinolytic activity found in intracranial tumors] Koos W, et al.
Neurochirurgie 17:549-57, Dec 71 (Eng. Abstr.) **(Fre)**
[Fibrinolytic activity of platelets] Dechavanne M, et al.
Nouv Presse Med 2:653, 10 Mar 73 **(Fre)**
[Fibrinolysis. Its resurgence during surgery of portal hypertension] Guilmet C, et al.
Nouv Presse Med 1:2023-4, 9 Sep 72 **(Fre)**
[Major hepatectomy in man. Metabolic consequences] Huguet C, et al.
Nouv Presse Med 2:761-5, Mar 72 (Eng. Abstr.) **(Fre)**
[Fatal fibrinolysis after concentration-reinjection of ascitic fluid] Klepping C, et al.
Nouv Presse Med 2:999, 14 Apr 73 **(Fre)**
[Coagulation disorders during continuous reinjections of ascitic fluid. Fibrinolysis or intravascular coagulation?] Levy VG, et al.
Nouv Presse Med 2:446, 17 Feb 73 **(Fre)**
[Determination of antistreptokinases (ASK) by a micromethod] Philippon A, et al.
Nouv Presse Med 2:383-4, 10 Feb 73 **(Fre)**
[Fibrinolytic effect of benzarone at the level of the venous wall in humans] Barchewitz G, et al.
Pathol Biol (Paris) 21:555-61, May 73 (Eng. Abstr.) **(Fre)**
[In-vitro "thromboplastic" activity of leukocytes and intravascular blood coagulation in leukemias] Gouault-Heilmann M, et al.
Pathol Biol (Paris) Suppl:56-64, Dec 72 (Eng. Abstr.) **(Fre)**
[Synovial inflammation and coagulation factors. I. General study] Guérin B, et al.
Pathol Biol (Paris) 20:689-94, Sep 72 (Eng. Abstr.) **(Fre)**
[Measurement of the fibrinolytic activation capacity of urine. Description of a simplified method. Role of ions] Kahn JP, et al.
Pathol Biol (Paris) 21:339-47, Apr 73 (Eng. Abstr.) **(Fre)**
[The amniotic embolism] Monsaillier JF, et al.
Poumon Coeur 28:545-52, Sep 72 (Eng. Abstr.) **(Fre)**
[Attempt at explanation of the mechanism of labor. II. Inhibition of uterine contractions with anti-enzymes (preliminary report)] Konopka P, et al.
Rev Fr Gynecol Obstet 68:7-12, Jan 73 (Eng. Abstr.) **(Fre)**
[Attempt at explanation of the mechanism of labor. I. Coagulation system and fibrinolysis during physiological labor] Konopka P, et al.
Rev Fr Gynecol Obstet 68:1-6, Jan 73 (Eng. Abstr.) **(Fre)**
[Fibrinolytic activity in the hemophilic synovia. Histochemical study] Storti E, et al.
Schweiz Med Wochenschr 102:1614-5, 4 Nov 72 (Eng. Abstr.) **(Fre)**
[Acute disseminated intravascular coagulation in an obstetrical unit. Study of 9 cases. Diagnostic criteria. Therapeutic management] Cornu P, et al.
Sem Hop Paris 49:1419-28, 26 Apr 73 (Eng. Abstr.) **(Fre)**
[Hemoptysis revealing adrenal gland cancer with fibrinolytic activity] Testart J, et al.
Sem Hop Paris 49:1243-6, 8 Apr 73 (Eng. Abstr.) **(Fre)**
[The relation between fibrinolysis and coagulation activation in the framework of autonomic efferent models after physical stimulation] Zwiener U.
Acta Physiol Acad Sci Hung 42:119-27, 1972 **(Ger)**
[Decrease of the longitudinal growth of artificially placed thrombi in the ear vein of the mouse following epicutaneous application of a heparinoid gel] Köstering H, et al.
Aerztl Forsch 26:438-42, 10 Dec 72 (Eng. Abstr.) **(Ger)**
[Osmolality of the human seminal plasma] Hofmann N, et al.
Arch Dermatol Forsch 246:35-46, 29 Jan 73 (Eng. Abstr.) **(Ger)**
[Comparative thrombelastographic study on citrated sternal marrow blood and venous blood] Zöller H.
Blut 26:321-5, May 73 (Eng. Abstr.) **(Ger)**
[Short-term fibrinolytic treatment in acute myocardial infarction] Breddin K, et al.
Dtsch Med Wochenschr 98:861-73, 27 Apr 73 (Eng. Abstr.) **(Ger)**
[Amino acid levels in the serum during fibrinolysis] Tilz GP, et al.
Dtsch Med Wochenschr 97:1668-9, 27 Oct 72 **(Ger)**
[Comparison of the blood clotting system in man,

rabbit, dog, and swine] Kaše F.
Folia Haematol (Leipz) 97:302-7, 1972 (Eng. Abstr.) (Ger)

[Effect of prothrombin and fibrinogen antisera on the clotting system of bovine blood] Kotschy M.
Folia Haematol (Leipz) 98:426-36, 1972 (Ger)

[Origin and physiological significance of "activated" plasminogen and plasmin for the mobilization of the anticoagulation system] Kudrjaschow BA, et al.
Folia Haematol (Leipz) 98:313-21, 1972 (Eng. Abstr.) (Ger)

[Humoral factors of the anticoagulative system] Kudrjashov BA.
Folia Haematol (Leipz) 98:391-6, 1972 (Ger)

[Significance of thrombin and adrenaline for the development of secondary anticoagulation system (SAC) in experimental animals] Kudrjashov BA, et al.
Folia Haematol (Leipz) 99:76-84, 1973 (Eng. Abstr.) (Ger)

[Effect of pain stimuli on the postoperative fibrinolytic and coagulation activity, and in conditions of elevated immunological defense] Zwiener U, et al.
Folia Haematol (Leipz) 98:330-7, 1972 (Eng. Abstr.) (Ger)

[Dynamics of changes in the fibrinolytic plasma activity following pain] Zwiener U, et al.
Folia Haematol (Leipz) 98:322-9, 1972 (Eng. Abstr.) (Ger)

[Clinical management of cardiogenic shock] Baedeker W.
Int J Clin Pharmacol 7:132-41, Apr 73 (78 ref.) (Eng. Abstr.) (Ger)

[Efficiency and limits of fibrinolytic system function tests] Loo J van de.
Internist (Berlin) 14:170-4, Apr 73 (Ger)

[Blood coagulation and fibrinolysis in arteriosclerotic occlusions of the arteries of the extremities] Jipp P, et al.
Klin Wochenschr 50:689-95, 15 Jul 72 (Eng. Abstr.) (Ger)

[Diagnosis and therapy of blood coagulation disorders in obstetrics and gynecology] Felder KD.
Med Klin 67:1220-6, 22 Sep 72 (Ger)

[Blood coagulation disorders in liver diseases] Meyer-Burg J. **Med Klin 68:187-91, 9 Feb 73 (Ger)**

[Is the administration of prothrombin concentrate in heart infarct always absolutely contraindicated?] Schricker KT, et al.
Med Klin 67:841-5, 16 Jun 72 (Eng. Abstr.) (Ger)

[Hyperfibrinolysis and reduced fibrinolytic activity in the thrombelastogram of children] Suschke HJ, et al.
Med Monatsschr 26:521-3, Nov 72 (Ger)

[Dependence of euglobulinolysis time from the plasma platelet content] Bruhn HD.
Med Welt 23:1691, 11 Nov 72 (Ger)

[Blood coagulation disorders in a chronic eosinophilic leukemia] Zöller H.
Munch Med Wochenschr 115:1036-8, 1 Jun 73 (Eng. Abstr.) (Ger)

[Changes in blood coagulation in pulmonary surgery] Rasche H, et al. **Pneumonologie 147:211-5, 1972 (Ger)**

[Arterial prosthesis from human dura. Healing and reconstruction; scanning electron microscopy and fibrinolysis-autography of the transplanted endothelium] Maurer P, et al.
Vasa 2:28-33, 1973 (Eng. Abstr.) (Ger)

[Lysis of arterial occlusions and stenoses. Morphological studies on obliterating clots] Sinapius D, et al. **Vasa 2:139-47, 1973 (Eng. Abstr.) (Ger)**

[Therapeutic defibrination using snake venom (Arvin) in arterial circulation disorders] Ehringer H, et al.
Verh Dtsch Ges Inn Med 78:624-7, 1972 (Ger)

[Shock and microcirculation] Lasch HG.
Verh Dtsch Ges Inn Med 77:1235-9, 1971 (Ger)

[Reaction kinetics of activator formation in streptokinase-induced fibrinolysis] Martin M.
Verh Dtsch Ges Inn Med 78:717-9, 1972 (Ger)

[Diagnosis of the consumption coagulopathy] Fischer M.
Wien Klin Wochenschr 85:319-23, 4 May 73 (Eng. Abstr.) (Ger)

[Influence of gestation on the blood coagulation system and diagnosis of possible disorders] Günter M, et al.
Z Aerztl Fortbild (Jena) 67:209-15, 1 Mar 73 (37 ref.) (Ger)

[Consumption coagulopathies in childhood] Heinrichs C, et al.
Z Aerztl Fortbild (Jena) 66:853-9, 1 Sep 72 (Ger)

[New therapeutic possibilities in the treatment of swellings] Zeth K.
Z Haut Geschlechtskr 47:939-50, 1 Dec 72 (Ger)

[Results of fibrinolysis determination using a micromethod] Frick U, et al.
Z Med Labortech 14:46-9, 1973 (Eng. Abstr.) (Ger)

[Studies on bovine staphylococci of various geographical origins] Grigorova M, et al.
Zentralbl Bakteriol [Orig A] 219:151-5, Feb 72 (Eng. Abstr.) (Ger)

[The fibrinolytic activity of bacteria (brief report)] Schulte W, et al.
Zentralbl Bakteriol [Orig A] 220:224-5, May 72 (Ger)

[Natural inhibitors of coagulation in surgery as compared to blood donors] Frick G, et al.
Zentralbl Chir 97:1535-40, 28 Oct 72 (Ger)

[Can the blood of children who suffered interuterine death influence the homeostasis of blood coagulation and fibrinolysis in the mother with its fibrinolytic activity?] Poradovský K.
Zentralbl Gynaekol 95:379-83, 16 Mar 73 (Ger)

[Early blood coagulation disorders following open heart surgery] Gyenes V, et al.
Orv Hetil 114:264-7, 4 Feb 73 (Hun)

[Euglobulinic fibrinolysis and hematic fibrinogen in simple obesity] Girolami A, et al.
Folia Endocrinol (Roma) 25:502-15, Dec 72 (Eng. Abstr.) (Ita)

[The relationship between staphylococcus and blood coagulation. Biological bases and practical applications] Fumarola D, et al.
G Batteriol Virol Immunol 65:144-51, May-Aug 72 (Eng. Abstr.) (Ita)

[Problem of vasodilatation in the therapy of arterial diseases] Pratesi F, et al.
Minerva Cardioangiol 21:197-211, Mar 73 (Eng. Abstr.) (Ita)

[Case of defibrination syndrome in internal abortion] Tiraboschi L, et al.
Minerva Ginecol 25:205-9, Apr 73 (Eng. Abstr.) (Ita)

[Modified technic for the total correction of transposition of the great vessels] Actis Dato A, et al.
Minerva Med 64:825-8, 21 Mar 73 (Eng. Abstr.) (Ita)

[Modified technic for total correction of transposition of great vessels] Actis Dato A, et al.
Minerva Med 64:825-8, 21 Mar 73 (Eng. Abstr.) (Ita)

[Inflammatory aspects and therapeutic possibilities of rheumatic diseases. Introduction] Ballabio CB, et al.
Minerva Med 64:2385-94, 20 Jun 73 (Ita)

[Fibrinolysis in internal medicine] Breda R, et al.
Minerva Med 63:4803-7, 8 Dec 72 (Ita)

[Respiratory insufficiency due to chronic, obstructive bronchopneumopathy and fibrinolysis] Magri G, et al.
Minerva Med 64:206-14, 24 Jan 73 (Eng. Abstr.) (Ita)

[Hemostasis and hypoxic hypoxia] Strumza MV.
Minerva Med 63:391-7, 1972 (Ita)

[Fibrinolysis in chronic renal insufficiency treated wth periodic hemodialysis] Triolo R, et al.
Minerva Med 63:3704-12, 29 Sep 72 (Eng. Abstr.) (Ita)

[Blood coagulation in the course of some kidney diseases in children] Mancini AF, et al.
Minerva Pediatr 25:751-9, 12 May 73 (Eng. Abstr.) (Ita)

[3 cases of defibrination syndrome in infants] Violante N, et al.
Minerva Pediatr 25:161-5, 11 Feb 73 (Eng. Abstr.) (Ita)

[Studies on fibrinolytic activity in Behçet's disease. I. Measurement by fibrin plat method] Saito K.
Acta Soc Ophthalmol Jap 77:685-92, Jul 73 (Eng. Abstr.) (Jap)

[Studies on fibrinolytic activity in Behçet's disease. II. Fibrin degradation product] Saito K.
Acta Soc Ophthalmol Jap 77:693-8, Jul 73 (Eng. Abstr.) (Jap)

[Adrenocortical hormones and arteriosclerosis] Takeda R, et al.
Clin Endocrinol (Tokyo) 20:605-11, Aug 72 (48 ref.) (Jap)

[Fibrinolysis in arteriosclerotic diseases. Its relationship with serum-fats] Takizawa S.
J Jap Soc Intern Med 62:140-53, Feb 73 (Jap)

[Proactivator-activator system in human plasma fibrinolysis: studies on the synthetic fibrinolytic system composed of functionally pure fibrinogen, plasminogen and proactivator, separated from human plasma] Okamoto U.
J Physiol Soc Jap 34:147-55, Mar 72 (Eng. Abstr.) (Jap)

[Changes of parameters of coagulation and fibrinolysis in disseminated intravascular coagulation] Aoki N.
Jap J Clin Hematol 14:29-34, Jan 73 (Eng. Abstr.) (Jap)

[Fibrinolysis associated with consumption

coagulopathy] Moriguchi T.
Jap J Clin Hematol 13:157-66, Apr 72 (Eng. Abstr.) **(Jap)**

[Studies on human fibrin-agar plate (H-FAP)method for the estimation of fibrinolytic activity] Ota E, et al.
Jap J Clin Hematol 14:769-76, Jul 73 **(Jap)**

[Fibrin-agar-plate method, a new method for estimation of fibrinolytic activity] Ota E, et al.
Jap J Clin Hematol 13:793-9, Oct 72 (Eng. Abstr.) **(Jap)**

[Arteriosclerosis and fibrinolysis] Matsuda T.
Jap J Clin Med 31:836-43, Apr 73 (31 ref.) **(Jap)**

[Hemorrhage and thrombosis. Discussion] Murakami M, et al. **Jap J Clin Med** 31:844-53, Apr 73 **(Jap)**

[Pathology of hemorrhage and thrombosis] Tanaka K.
Jap J Clin Med 31:743-54, Apr 73 (44 ref.) **(Jap)**

[Keypoints in clinical tests for hemorrhagic and thrombotic tendencies] Yasunaga K.
Jap J Clin Med 31:783-97, Apr 73 (20 ref.) **(Jap)**

[Autonomic nerve function and fibrinolysis during oral surgery] Suzuki M.
Jap J Oral Surg 17:472-500, 1971 **(Jap)**

[Blood and tissue fibrinolytic activities in patients of breast cancer and other various breast diseases] Hayashi K. **Jap J Surg** 73:1604-23, Dec 72 **(Jap)**

[Blood-clotting and fibrinolytic enzyme system in blood and tissue in experimental urinary bladder tumors in rats induced by oral administration of N-butyl-N-butanol(4)-nitrosamine] Sasaki N.
Jap J Urol 64:383-96, May 73 (Eng. Abstr.) **(Jap)**

[The histochemical study of the fibrinolytic activity: the localization of tissue plasminogen activator of the normal bladder wall among different animal species] Sugiura H, et al.
Jap J Urol 63:387-96, Jun 72 (Eng. Abstr.) **(Jap)**

[Fibrinolysis in relation to tooth extraction during menstruation and the remainder of the cycle] Fukutake K, et al.
Shikwa Gakuho 73:157-62, Jan 73 (Eng. Abstr.) **(Jap)**

[Blood clotting and fibrinolysis disorders in acute pancreatitis] Gabryelewicz A.
Acta Haematol Pol 2:319-25, Oct-Dec 71 (Eng. Abstr.) **(Pol)**

[Blood coagulation and fibrinolysis disorders connected with open heart surgery using extracorporeal circulation] Palester-Chlebowczyk M, et al.
Acta Haematol Pol 2:163-8, Apr-Jun 71 (Eng. Abstr.) **(Pol)**

[Blood coagulation and fibrinolysis processes in menstrual blood] Zuch A, et al.
Acta Haematol Pol 2:359-65, Oct-Dec 71 (43 ref.) **(Pol)**

[Pattern of blood clotting and fibrinolytic systems in hyperthyreosis] Napiórkowska W, et al.
Endokrynol Pol 23:423-36, Sep-Oct 72 (Eng. Abstr.) **(Pol)**

[Experimental intravascular blood clotting] Janda R.
Folia Med Cracov 14:335-456, 1972 (Eng. Abstr.) **(Pol)**

[The course of physiologic labor and the clotting and fibrinolytic system] Konopka P, et al.
Ginekol Pol 43:1317-24, 1972 (Eng. Abstr.) **(Pol)**

[Proteolytic and antitrypsin activity of plasma in allergic bronchial asthma] Hofman J.
Pol Arch Med Wewn 50:763-8, Aug 73 (Eng. Abstr.) **(Pol)**

[Soluble fibrin monomers complexes, fibrinolytic activity and fibrin degradation products in experimental hyperglycemia and hypoglycemia] Kleniewski J.
Pol Arch Med Wewn 49:337-43, Oct 72 (Eng. Abstr.) **(Pol)**

[Disseminated intravascular clotting in liver cirrhosis] Krug H, et al.
Pol Arch Med Wewn 50:243-9, Mar 73 (Eng. Abstr.) **(Pol)**

[Coagulopathy in periarteritis nodosa] Krug H, et al.
Pol Arch Med Wewn 49:591-5, Dec 72 (Eng. Abstr.) **(Pol)**

[Blood clotting and fibrinolytic activity in aged] Kaniak J, et al.
Pol Tyg Lek 28:771-3, 20 May 73 (Eng. Abstr.) **(Pol)**

[Functional correlation between plasma hemostasis and insulin] Kleniewski J.
Pol Tyg Lek 28:658-9, 30 May 73 **(Pol)**

[Blood clotting and fibrinolytic systems in pulmonary hypertension] Zola-Sięczek E, et al.
Pol Tyg Lek 28:1026-9, 2 Jul 73 (Eng. Abstr.) **(Pol)**

[Fibrinolytic activity of plasma euglobulins in patients after trauma of central nervous system] Cencora A, et al. **Przegl Lek** 30:298-302, 1973 (Eng. Abstr.) **(Pol)**

[The presence of plasminogen activator in kidney perfusate] Zuch A, et al.
Przegl Lek 30:504-9, 1973 (Eng. Abstr.) **(Pol)**

[Role of blood clotting and fibrinolytic disorders in diabetics in the development of pathological changes in blood vessels] Chmielewski J.
Wiad Lek 26:615-7, 1 Apr 73 **(Pol)**

[Serum beta-lipoproteins and plasma fibrinolytic activity in women with different post-labor blood loss] Jezuita J, et al.
Wiad Lek 26:719-23, 15 Apr 73 (Eng. Abstr.) **(Pol)**

[Studies of fibrinolytic activity and disseminated intravascular coagulation in chronic hepatitis and liver cirrhosis] Kleinstein I, et al.
Rev Med Chir Soc Med Nat Iasi 76:311-8, Apr-Jun 72 (Eng. Abstr.) **(Rum)**

[Thrombogenesis. Role of the thrombocytes, coagulation and fibrinolysis in thrombosis] Stoichiță-Papilian M.
Stud Cercet Med Interna 13:219-35, 1972 **(Rum)**

[Effect of electromagnetic fields on the coagulative and fibrinolytic properties of blood] Rusiaev VF, et al.
Biofizika 18:160-3, Jan-Feb 73 (Eng. Abstr.) **(Rus)**

[Effect of adrenalectomy on the functional condition of the blood coagulation system] Shapiro FB, et al.
Biol Nauki 5:42-5, 1971 **(Rus)**

[The effect of adrenalectomy and administration of corticosteroids on the fibrinolytic activity of complex heparin compounds in the blood during immobilization] Kudriashov BA, et al.
Fiziol Zh SSSR 59:1108-13, Jul 73 (Eng. Abstr.) **(Rus)**

[Blood coagulation in myocardial infarct] Atanasov K.
Folia Med (Plovdiv) 14:109-13, 1972 (Eng. Abstr.) **(Rus)**

[The effect of vitamin B-15 on the level of cholesterol and the functional state of the anticoagulant system of the blood of animals] Andreenko GV, et al.
Kardiologiia 12:40-5, Dec 72 (Eng. Abstr.) **(Rus)**

[Use of various blood coagulation indices as supplementary criteria for the activity of the rheumatic process] Gurevich VM.
Kardiologiia 12:122-4, Oct 72 **(Rus)**

[Non-enzymatic fibrinolytic activity of the plasma of animals under chronic stress] Kudriashov BA, et al.
Kardiologiia 12:100-4, Oct 72 **(Rus)**

[The heart as an efferent regulator of the blood clotting process and fibrinolysis] Kuznik BI, et al.
Kardiologiia 13:10-7, Mar 73 (Eng. Abstr.) **(Rus)**

[Role of the heart and vessels in regulating blood coagulation and fibrinolysis] Kuznik BI, et al.
Kardiologiia 13:145-54, Apr 73 (112 ref.) **(Rus)**

[Anginin (pyridinol carbamate) therapy of coronary atherosclerosis and obliterating atherosclerosis of the arteries of the lower extremities] Liusov VA, et al.
Kardiologiia 12:39-45, Nov 72 (Eng. Abstr.) **(Rus)**

[Blood fibrinolytic system in patients with ischemic heart disease] Liusov VA, et al.
Kardiologiia 13:12-6, 1973 (Eng. Abstr.) **(Rus)**

[Study of blood fibrinolytic activity with the aid of thrombelastography] Maĭorov IuM.
Kardiologiia 12:44-9, Feb 72 (Eng. Abstr.) **(Rus)**

[Characteristics of the dynamics of the fibrinogen level and the fibrinolysis indices in the blood of the human coronary bed] Chazov EI, et al.
Klin Med (Mosk) 50:24-9, Dec 72 (Eng. Abstr.) **(Rus)**

[Total non-enzymatic fibrinolytic activity and formation of an adrenalin-heparin complex in ischemic heart disease] Panchenko VM, et al.
Klin Med (Mosk) 50:37-41, Aug 72 (Eng. Abstr.) **(Rus)**

[The fibrinolytic system of the blood in patients with ischemic heart disease] Semenko IF.
Klin Med (Mosk) 50:41-7, Aug 72 (Eng. Abstr.) **(Rus)**

[The fibrinolytic system and thoracic and abdominal surgery] Smolianitskiĭ AIa, et al.
Klin Med (Mosk) 50:125-9, Aug 72 (Eng. Abstr.) **(Rus)**

[Blood coagulation changes under the influence of gravitational stress according to thrombelastographic findings] Serikova AZ, et al.
Kosm Biol Med 6:10-4, Jan-Feb 72 (Eng. Abstr.) **(Rus)**

[Evaluation of blood fibrinolytic activity] Avdeeva NA.
Lab Delo 11:668-9, 1972 **(Rus)**

[Autocoagulation test indices in the presence of changes in blood fibrinolytic activity] Barkagan LZ.
Lab Delo 11:665-8, 1972 **(Rus)**

[The frequency of diagnosing thrombosis according to the signs of absolute hypocoagulemia] Smolianitskii AIa, et al. **Lab Delo** 11:670-2, 1972 **(Rus)**

[Modification of the Bidwell method of fibrinogen and fibrinolysis determination] Tsushko VS.
Lab Delo 7:416-7, 1972 **(Rus)**

[Blood coagulation and fibrinolysis in rats with alloxan

diabetes] Aivazian AI, et al.
Patol Fiziol Eksp Ter 17:83-5, Mar-Apr 73 (Eng. Abstr.) (Rus)
[Blood coagulation under the effect of a single injection of insulin] Khubetsova RD.
Probl Endokrinol (Mosk) 18:74-8, Nov-Dec 72 (Eng. Abstr.) (Rus)
[The effect of dibotin on carbohydrate metabolism indices and the coagulation properties of capillary blood in diabetes mellitus] Mitskevich SI, et al.
Probl Endokrinol (Mosk) 18:17-20, Nov-Dec 72 (Eng. Abstr.) (Rus)
[The role of hemocoagulating and fibrinolytic components of saliva in the oral mucosa immunity] Belikov PP.
Stomatologiia (Mosk) 52:88-90, May-Jun 73 (Rus)
[Coagulation and anticoagulation systems of blood in viral hepatitis during pregnancy] Arakelov RA.
Ter Arkh 44:65-8, Oct 72 (Rus)
[Role of coagulopathy in the pathogenesis of hemorrhagic diathesis in chronic renal insufficiency] Belitskaia GA.
Ter Arkh 44:93-6, Aug 72 (Eng. Abstr.) (Rus)
[Hypocoagulation effect of the gastric acid contents] Belousov AC, et al. **Ter Arkh** 44:20-2, Oct 72 (Rus)
[State of the hemocoagulation activity of the digestive juices in peptic ulcer] Kravchenko VA.
Ter Arkh 44:31-3, May 72 (Eng. Abstr.) (Rus)
[Instrumental coagulography] Rybakov VK, et al.
Ter Arkh 44:63-7, Sep 72 (Eng. Abstr.) (Rus)
[Role of the vascular wall in the process of hemostasis] Kuznik BI.
Usp Sovrem Biol 75:61-85, Jan-Feb 73 (258 ref.) (Rus)
[The state of fibrinolytic activity of the blood in eczema] Trutiak LN.
Vestn Dermatol Venerol 47:47-9, Jan 73 (Eng. Abstr.) (Rus)
[Blood coagulation changes in splenic diseases] Askherkhanov RP, et al.
Vestn Khir 108:65-71, Apr 72 (Eng. Abstr.) (Rus)
[Hemorrhage from duodenal ulcers] Kryshtal'skaia LR.
Vestn Khir 108:18-20, Jul 72 (Eng. Abstr.) (Rus)
[Changes in the properties of fibrinogen as a result of blood loss] Zhankina GKh.
Vestn Khir 108:80-3, Sep 72 (Eng. Abstr.) (Rus)
[The origin and physiological importance of activated plasminogen and plasmin in excitation of the anticoagulative system] Kudriashov BA, et al.
Vopr Med Khim 19:136-40, Mar-Apr 73 (Eng. Abstr.) (Rus)
[Formation of noradrenaline-heparin and adrenaline-heparin complexes in the blood of young people under emotional and intellectual stress] Kudriashov BA, et al.
Vopr Med Khim 18:385-90, Jul-Aug 72 (Eng. Abstr.) (Rus)
[Pulmonary artery thromboembolism and the state of the blood coagulation system in severe cranio-cerebral trauma] Kuklina AS, et al.
Vopr Neirokhir 36:25-8, May-Jun 72 (Eng. Abstr.) (Rus)
[Hemostatic system in cancer patients] Rakhmaeva VA, et al. **Vopr Onkol** 18:90-7, 1972 (60 ref.) (Rus)
[The interrelationship between vitamins A and K and their influence on the blood coagulation system] Andreenko GV, et al.
Vopr Pitan 31:48-52, Jul-Aug 72 (Eng. Abstr.) (Rus)
[Restoration of the function of the anticoagulation system in animals switched from an atherogenic diet to natural rations] Bazaz'ian GG, et al.
Vopr Pitan 31:33-8, Nov-Dec 72 (Eng. Abstr.) (Rus)
[Hemocoagulating and fibrinolytic properties of the liver tissues in mechanical jaundice] Lys PV.
Vrach Delo 2:30-4, Feb 73 (Eng. Abstr.) (Rus)
[Effect of corticosteroids on blood coagulation indices in portal liver cirrhosis] Mokhov MM.
Vrach Delo 8:61-4, Aug 72 (Eng. Abstr.) (Rus)
[Evaluation of the changes in the blood coagulation system in the dynamics of treating ischemic insult with anticoagulants] Lobkova TN.
Zh Nevropatol Psikhiatr 73:645-51, 1973 (Eng. Abstr.) (Rus)
[Characteristics of nonenzymatic fibrinolytic activity and the formation of adrenaline-heparin and noradrenaline-heparin complexes in the blood in logoneurosis] Podol'skaia OV, et al.
Zh Nevropatol Psikhiatr 73:711-5, 1973 (Eng. Abstr.) (Rus)
[Levels of degradation products of fibrin in newborn infants] Joseph H.
Sangre (Barc) 18:45-7, 1973 (Eng. Abstr.) (Spa)
[Fibrinolytic activity of the urine in healthy persons] Belitskaia GA. **Fiziol Zh** 19:254-6, Mar-Apr 73 (Ukr)
[Fibrinolytic activity in the blood of pregnant and parturient women during and after hemorrhage in the last trimester of pregnancy] Poradovský K, et al.
Cesk Gynekol 38:329-30, Jun 73 (Slo)
[Effect of body load on the fibrinolytic activity of serum in hypertension] Palát M.
Fysiatr Reumatol Vestn 51:92-6, Apr 73 (Eng. Abstr.) (Slo)
[Effect of physical activity on fibrinolytic processes in healthy subjects] Ciko Z.
Vojnosanit Pregl 29:494-7, Nov 72 (Cro)
[Spontaneous fibrinolytic activity in healthy persons and in individuals with ischemic heart disease] Ciko Z.
Vojnosanit Pregl 29:386-9, Sep 72 (Cro)

DRUG EFFECTS

The action of Atromid-S on lipids and other plasma factors which may be involved in arterial thrombosis. Cotton RC.
Acta Cardiol (Brux) Suppl 25:163-7, 1972 (33 ref.)
Fibrinolysis and subarachnoid haemorrhage. Inhibitory effect of tranexamic acid. A clinical study. Tovi D, et al. **Acta Neurol Scand** 48:393-402, 1972
Fibrinolytic activity of veins during treatment with medroxyprogesterone acetate. Astedt B.
Acta Obstet Gynecol Scand 51:283-6, 1972
Role of fibrin in a model of pregnancy toxemia in the rabbit. Wardle EN, et al.
Am J Obstet Gynecol 115:17-26, 1 Jan 73
The mechanism of renal glomerular capillary retention of carbon in disseminated intravascular coagulation. Donald KJ, et al. **Am J Pathol** 70:245-52, Feb 73
Induction of the generalized Shwartzman reaction in pregnant and nonpregnant rats by colchicine. Müller-Berghaus G, et al. **Am J Pathol** 69:131-8, Oct 72
Effects of intraportal infusion of autologous hemolysate on blood coagulation factors and fibrinolysis in the cat. Bengmark S, et al.
Am J Surg 124:647-54, Nov 72
Preliminary studies on in vitro and in vivo effects of 50 per cent hypaque on coagulation in man. Chandra R, et al. **Angiology** 24:199-204, Apr 73
Fibrin-stabilizing factor inhibitors. Nilsson JL, et al.
Ann NY Acad Sci 202:286-96, 8 Dec 72
Tissue transamidases, fibrin stabilization and clot lysis. Tyler HM.
Ann NY Acad Sci 202:273-85, 8 Dec 72 (39 ref.)
Intravascular coagulation and glycerin hemoglobinuric acute renal failure. Wardle EN, et al.
Arch Pathol 95:271-5, Apr 73
Relationship of fibrinolytic system to postoperative thrombotic phenomena. Sautter RD, et al.
Arch Surg 107:292-6, Aug 73
Effect of buformin on fibrinolytic activity in rheumatoid arthritis. Ghanem MH, et al.
Arzneim Forsch 22:1487-9, Sep 72
Observations on some pharmacologic properties of a new ester of the nicotinic acid: mesoinositol-pentanicotinate. Linari G.
Arzneim Forsch 22:1419-21, Aug 72
Fibrinolysis and platelet aggregation in the course of treatment with a combination of p-chlorophenoxyisobutyric acid derivatives in elderly arteriosclerotics. Spreafico PL, et al.
Arzneim Forsch 23:236-9, Feb 73
Comparative investigations on the effect of nicotinic acid alone and in association with a synthetic, heparin-like sulfated polyanion on fibrinolysis, platelet aggregation and lipidic fractions. Turazza G, et al. **Arzneim Forsch** 23:654-7, May 73
The effect of clofibrate on components of the fibrinolytic enzyme system. Ogston D, et al.
Atherosclerosis 16:273-6, Sep-Oct 72
The pharmacology S 1702, a new highly effective oral antidiabetic drug with unusual properties. 3. Antistickiness activity, fibrinolytic properties and haemostatic parameters study. Desnoyers P, et al.
Australas Radiol 22:1691-5, Oct 72
Effect of alpha- and beta-blocking drugs on the clotting and fibrinolytic response to venous status in man. Ponari O, et al. **Br J Haematol** 24:463-70, Apr 73
Effects of Ancrod (Arvin) in mice: studies of plasma fibrinogen and fibrinolytic activity. Silberman S, et al.
Br J Haematol 24:101-13, Jan 73
Fibrinolytic activity evoked in the plasma of the normal

and adrenalectomized rat by cellulose sulphate. Rosa AT, et al. **Br J Pharmacol** 45:470-5, Jul 72

Clinical and laboratory double-blind investigation on effect of fibrinolytic therapy in patients with cutaneous vasculitis. Dodman B, et al. **Br Med J** 2:82-4, 14 Apr 73

Treatment of acute massive pulmonary embolism by streptokinase during labour and delivery. Hall RJ, et al. **Br Med J** 4:647-9, 16 Dec 72

Effect of combined administration of EACA and heparin on thrombus weight and fibrinolysis. An experimental study. Komatsu K, et al. **Bull Tokyo Med Dent Univ** 20:93-104, Mar 73

Comparison of the action of heparin and streptokinase on experimental pulmonary emboli in the dog. Vellar ID, et al. **Cardiovasc Res** 6:734-40, Nov 72

The mechanism of action of vasoactive agents on the blood clotting and fibrinolysis. Mishchenko VP, et al. **Cor Vasa** 14:228-38, 1972

Streptokinase: a review of its clinical pharmacology, mechanism of action and therapeutic uses. Brogden RN, et al. **Drugs** 5:357-445, 1973 (260 ref.)

A study of the relationship between the hemostasis and hypoglycemic action of intravenous insulin in rabbits. Kleniewski J. **Endocrinol Exp (Bratisl)** 7:141-6, 1973

Release of fibrinolytic activators from human tumours cultured in vitro. Björlin G, et al. **Experientia** 28:833-4, 15 Jul 72

-Pyridylcarbinol in experimental hypercholesterinemia of the rabbit. Study of lipidic fractions and of the mechanisms of hemostasis. Glarola P, et al. **Farmaco [Sci]** 27:1018-23, Nov 72

Passage of tranexamic acid (AMCA) to semen in man and its effect on the fibrinolytic activity and on migration of spermatozoa. Liedholm P, et al. **Fertil Steril** 24:517-20, Jul 73

Antifibrinolytic effect of Apernyl in "dry socket". Birn H. **Int J Oral Surg** 1:190-4, 1972

Fibrinolytic activity in normal and cancerous tissues of the bladder. Hisazumi H, et al. **Invest Urol** 11:28-34, Jul 73

The fibrinolytic pathway of human plasma. II. The generation of chemotactic activity by activation of plasminogen proactivator. Kaplan AP, et al. **J Clin Invest** 52:2591-5, Oct 73

Inhibition by C1INH of Hagemann factor fragment activation of coagulation, fibrinolysis, and kinin generation. Schreiber AD, et al. **J Clin Invest** 52:1402-9, Jun 73

Fibrinolytic enhancement by stanozolol: a double-blind trial. Davidson JF, et al. **J Clin Pathol** 25:639, Jul 72

Effect of intravenous prostaglandin E 2 on platelet function, coagulation, and fibrinolysis. Howie PW, et al. **J Clin Pathol** 26:355-8, May 73

Effect of treatment with combined phenformin and ethyloestrenol on the coagulation and fibrinolytic systems. Nilsson IM, et al. **J Clin Pathol** 25:638-9, Jul 72

Relief of chronic peripheral artery obstruction by intravenous Brinase. Frisch EP, et al. **J Ir Med Assoc** 66:313-8, 23 Jun 73

Monitoring antifibrinolytic therapy in subarachnoid hemorrhage. Smith RR, et al. **J Neurosurg** 38:339-44, Mar 73

Oral contraceptives: therapeutics versus adverse reactions, with an outlook for the future I. Bingel AS, et al. **J Pharm Sci** 62:179-200, Feb 73 (162 ref.)

Abortion and coagulation by prostaglandin. Intra-amniotic dinoprost tromethamine effect on the coagulation and fibrinolytic systems. Bell WR, et al. **JAMA** 225:1082-4, 27 Aug 73

The induction of thrombosis in guinea pigs by a brain tumor. Odom MH, et al. **Lab Invest** 27:550-4, Dec 72

Enhancement of fibrinolytic activity. **Lancet** 2:716, 29 Sep 73

The prothrombin-activating principle from Echis carinatus venom. II. Coagulation studies in vitro and in vivo. Schieck A, et al. **Naunyn Schmiedebergs Arch Pharmacol** 274:7-17, 1972

Activation of the fibrinolytic and natural anticoagulant system in rats by injection of thrombin. Lucas ON, et al. **Pharmacol Ther Dent** 1:233-40, Jun 71

Failure of heparin, epsilon aminocaproic acid, or both agents to prevent increased fibrinogen levels after endotoxin in rabbits. Logan LJ, et al. **Proc Soc Exp Biol Med** 142:321-3, Jan 73

Release of plasminogen activator from viable leukocytes of man, baboon, dog and rabbit. Wünschmann-Henderson B, et al. **Proc Soc Exp Biol Med** 141:634-8, Nov 72

Changes of fibrinolytic activity in obese diabetics after treatment with Silubin retard. Mincu I, et al. **Rev Roum Med Intern** 10:23-7, 1973

Studies on soluble fibrin in plasma. 3. N-terminal analysis of a modified fraction I (Cohn) from plasmin- and thrombin-incubated plasma. Kierulf P. **Scand J Clin Lab Invest** 31:43-9, Jan 73

The inhibition of tissue plasminogen activator and urokinase-induced fibrinolysis by some natural proteinase inhibitors and by plasma and serum from normal and pregnant subjects. Thorsen S. **Scand J Clin Lab Invest** 31:51-9, Jan 73

Renal function in burned rats with reference to the effect of intravascular coagulation. Rammer L. **Scand J Urol Nephrol** 7:74-80, 1973

The role of androgens and anabolic steroids in the treatment of cancer. Brodsky I. **Semin Drug Treat** 3:15-25, Summer 73

The effects of some synthetic compounds on in vitro fibrinolytic activity measured by different methods and the relevance to activity in vivo. Baillie AJ, et al. **Thromb Diath Haemorrh** 28:351-8, 31 Dec 72

The effects of bile salts on some coagulation components and related enzymes. Engel AM, et al. **Thromb Diath Haemorrh** 27:594-609, 31 Jul 72

The effect of some synthetic arginyl and lysyl compounds on clotting and fibrinolysis. Weinstein MJ, et al. **Thromb Diath Haemorrh** 28:289-97, 31 Oct 72

Characterization of the coagulant activity of some snake venoms. Denson KW, et al. **Toxicon** 10:557-62, Oct 72

The effects of Naja flava venom on blood coagulation. Mohamed AH, et al. **Toxicon** 10:619-25, Oct 72

The influence of contraception on the haemostasis. Duckert F. **Vasa** 1:219-21, 1972

Wound healing and fibrinolytic activity. Szekeres L, et al. **Vasa** 2:81-3, 1973

[Thrombolytic therapy. Experience in a hemodialysis department] Franckhauser J, et al. **Anesth Analg (Paris)** 30:117-28, Jan-Feb 73 **(Fre)**

[Postpartum hemorrhage caused by acute defibrination treated by exchange transfusion and heparin therapy] Morin P, et al. **Bull Fed Soc Gynecol Obstet Lang Fr** 23:557-8, Nov-Dec 71 **(Fre)**

[Identification and separation of different factors of the venom of Vipera aspis active in hemostasis] Boffa MC, et al. **C R Soc Biol (Paris)** 165:2287-93, 1971 **(Fre)**

[Role of adrenaline in fibrinolysis activation following shock] Dosne AM. **J Physiol (Paris)** 65:Suppl 1:115A, 1972 **(Fre)**

[Effect of the oral antidiabetic agent glibornuride on blood coagulation, blood platelets, and fibrinolysis] Voss D, et al. **Arzneim Forsch** 22:Suppl 12A:2219, Dec 72 (Eng. Abstr.) **(Ger)**

[Effect of the oral antidiabetic agent glibornuride on blood coagulation, blood platelets, and fibrinolysis] Voss D, et al. **Arzneim Forsch** 22:Suppl 12a:2219+, Dec 72 (Eng. Abstr.) **(Ger)**

[Significance of natural fibrinolysis activators for the origin of blood anticoagulant activity] Andreenko GW. **Folia Haematol (Leipz)** 98:488-90, 1972 **(Ger)**

[Origin and physiological significance of "activated" plasminogen and plasmin for the mobilization of the anticoagulation system] Kudrjaschow BA, et al. **Folia Haematol (Leipz)** 98:313-21, 1972 (Eng. Abstr.) **(Ger)**

[Effect of pain stimuli on the postoperative fibrinolytic and coagulation activity, and in conditions of elevated immunological defense] Zwiener U, et al. **Folia Haematol (Leipz)** 98:330-7, 1972 (Eng. Abstr.) **(Ger)**

[Therapy of acute myocardial infarct using streptokinase] Schreiber F, et al. **Med Klin** 68:592-7, 4 May 73 (Eng. Abstr.) **(Ger)**

[The antifibrinolytic effect of para-amino methyl benzoic acid (PAMBA) on the local activation of fibrinolysis in human vaginal tissue and myometrium] Herschlein HJ, et al. **Med Welt** 23:1540-2, 21 Oct 72 **(Ger)**

[Blood coagulation, fibrinolysis, and transaminases during the action of ovulation inhibitors in and following gradational physical stress] Scheele K, et al. **Med Welt** 23:1118-20, 19 Aug 72 **(Ger)**

[Therapeutic fibrinolysis] Straub PW. **Schweiz Med Wochenschr** 103:753-7, 19 May 73 (Eng. Abstr.) **(Ger)**

[Effect of pyridinolcarbamate on blood coagulation and

thrombolysis in patients with arteriosclerosis obliterans] Hess H, et al.
Vasa 1:206-11, 1972 (Eng. Abstr.) (Ger)
[Hypercoagulability caused by colamin-kephalin] Bruhn HD, et al.
Verh Dtsch Ges Inn Med 78:726-8, 1972 (Ger)
[Diagnosis and therapy of consumption coagulopathy] Lechner K.
Wien Klin Wochenschr 85:467-70, 29 Jun 73 (Eng. Abstr.) (Ger)
[A new drug specialty, registered in Austria]
Wien Klin Wochenschr 84:764-6, 24 Nov 72 (Ger)
[Experimental post-traumatic venous thrombosis in the rabbit] Rudowski W, et al.
Z Exp Chir 4:267-75, 1971 (Eng. Abstr.) (Ger)
[Effect of a heparinoid extract on the blood lipids and basal thrombodensitogram] Ferri F, et al.
Minerva Med 64:272-7, 27 Jan 73 (Eng. Abstr.) (Ita)
[Inhibitory effect of 4-(2-carboxyethyl) phenyl trans-4-aminomethyl cyclohexane carboxylate hydrochloride on fibrinolysis, esterolysis and proteolysis and its degradation by serum esterases: in vitro study] Nagamatsu Y, et al.
Acta Haematol Jap 36:150-8, Apr 73 (Eng. Abstr.) (Jap)
[Studies on anti-atherosclerotic agents. VII. Experimental studies of sodium chondroitin polysulfate on hypolipemic, anticoagulative, fibrinolytic and lipotropic activities] Kobayakawa T.
J Pharm Soc Jap 92:919-26, Aug 72 (Eng. Abstr.) (Jap)
[Effect of Ethrane anesthesia on blood coagulation-fibrinolysis system] Takiguchi M, et al.
Jap J Anesthesiol 21:1333-7, Dec 72 (Eng. Abstr.) (Jap)
[Effects of hydroxyethyl starch on blood coagulation and fibrinolysis. II. In vivo studies] Matsuda T, et al.
Jap J Clin Hematol 13:934-8, Dec 72 (Eng. Abstr.) (Jap)
[Effects of hydroxyethyl starch on blood coagulation and fibrinolysis. 1. In vitro studies] Matsuda T, et al.
Jap J Clin Hematol 13:831-4, Oct 72 (Eng. Abstr.) (Jap)
[Fibrinolysis associated with consumption coagulopathy] Moriguchi T.
Jap J Clin Hematol 13:157-66, Apr 72 (Eng. Abstr.) (Jap)
[Postmenopausal estrogen therapy and thrombosis] Bergsjo P.
Tidsskr Nor Laegeforen 92:2354, 6 Dec 72 (Nor)
[The influence of the central neurodepressive drugs on the fibrinolysis] Częstochowska E.
Acta Biol Med (Gdansk) 17:127-45, 1972 (Eng. Abstr.) (Pol)
[Blockade of uterine labor contractions by means of antienzymes] Konopka P, et al.
Ginekol Pol 44:55-63, Jan 73 (Eng. Abstr.) (Pol)
[Blood serum lipoproteins and their role in the etiology of some pathological states] Skrzydlewski Z, et al.
Ginekol Pol 44:455-63, Apr 73 (56 ref.) (Eng. Abstr.) (Pol)
[Hageman enzyme as a trigger of blood kininogenesis systems] Buluk K, et al.
Pol Arch Med Wewn 50:475-80, May 73 (44 ref.) (Pol)
[Effect of mercury diuretic Novurit on fibrinolysis] Myśliwiec M, et al.
Pol Tyg Lek 28:472-4, 26 Mar 73 (Eng. Abstr.) (Pol)
[The dependence of the complement system and its fraction on the activity of proteolytic enzymes] Pietruska Z, et al.
Pol Tyg Lek 28:1137-41, 23 Jul 73 (Eng. Abstr.) (Pol)
[Effect of heparin on the kininogenic system, fibrinolysis and blood coagulation in acute experimental pancreatitis] Stasiewicz J, et al.
Pol Tyg Lek 28:679-82, 1 May 73 (Eng. Abstr.) (Pol)
[Fibrinolytic and kinogenic systems in philipine-induced gonitis in rats] Zarębski M.
Reumatologia 11:173-8, 1973 (Eng. Abstr.) (Pol)
[Effect of Dextran-65 Polfa on the blood clotting system] Badowski A, et al.
Wiad Lek 26:889-94, 15 May 73 (Eng. Abstr.) (Pol)
[Usefulness of EACA in conditions of fibrinolysis activation in obstetrics and gynecology] Trębicka-Kwiatkowska B, et al.
Wiad Lek 26:297-303, 15 Feb 73 (Eng. Abstr.) (Pol)
[Antifibrinolytic agents and extracorporeal circulation] Gomes OM, et al.
Rev Hosp Clin Fac Med Sao Paulo 27:209-13, Sep-Oct 72 (Eng. Abstr.) (Por)
[Changes of fibrinolytic activity in obese diabetics during treatment with delayed-action Silubin] Mincu I, et al.
Med Interna (Bucur) 24:1421-4, Dec 72 (Eng. Abstr.) (Rum)
[Effect of 1st line antitubercular preparations on the fibrinolytic system] Khudzik LD, et al.
Farmakol Toksikol 36:82-4, Jan-Feb 73 (Eng. Abstr.) (Rus)
[The effect of stachydrine alkaloid on the blood coagulation system] Mansurov MM.
Farmakol Toksikol 35:715-7, Nov-Dec 72 (Eng. Abstr.) (Rus)
[The effect of aminazine on blood coagulation] Novak EN.
Farmakol Toksikol 35:717-20, Nov-Dec 72 (Eng. Abstr.) (Rus)
[Effect of hypotiazide and aldactone on the blood coagulation and anticoagulation systems] Gaianova MN. Kardiologiia 13:114-7, May 73 (Rus)
[Experimental thrombolysis] Shumakov VI, et al.
Kardiologiia 12:88-91, Feb 72 (Eng. Abstr.) (Rus)
[Prolonged therapeutic-prophylactic use of anticoagulants] Kushelevskiĭ BP, et al.
Klin Med (Mosk) 51:26-8, Apr 73 (Rus)
[Effect of different factors on the activity of proteolytic enzymes of Actinomyces odorifer and its mutants] Egorov NS, et al.
Mikrobiologiia 41:695-9, Jul-Aug 72 (Eng. Abstr.) (Rus)
[Shifts in coagulating and fibrinolytic activity of the blood following the administration of nerobol in patients with coronary atherosclerosis] Kratovskaia OV, et al.
Ter Arkh 44:29-31, Sep 72 (Eng. Abstr.) (Rus)
[Hemocoagulation and fibrinolytic properties of the gastric wall involved in ulcerous and cancerous processes] Kal'chenko II, et al.
Vestn Khir 110:3-8, Apr 73 (Eng. Abstr.) (Rus)
[Plasma fibrinogen level and the metabolism of fibrinogen-I-131 in rats treated with hydrocortisone] Byshevskiĭ ASh, et al.
Vopr Med Khim 19:152-6, Mar-Apr 73 (Eng. Abstr.) (Rus)
[Hemocoagulating and fibrinolytic properties of the liver tissues in mechanical jaundice] Lys PV.
Vrach Delo 2:30-4, Feb 73 (Eng. Abstr.) (Rus)
[Prevention and treatment of accidents caused by iodinated contrast media] Valle Sánchiz J, et al.
Rev Esp Anestesiol Reanim 19:395-405, Oct 72 (Spa)
[Aspects and possibilities of thrombolytic treatment] Uhrík J, et al.
Cesk Dermatol 47:198-203, Oct 72 (Eng. Abstr.) (Slo)
[Use of antifibrinolytics in surgery] Bošković S, et al.
Med Arh 26:233-8, Jul-Aug 72 (Eng. Abstr.) (Cro)

FIBRINOLYTIC AGENTS

Immunoelectrophoretic study on the Postmortem cadaver blood in sudden death. Haba K.
Acta Haematol Jap 34:219-27, Apr 71
Tissue transamidases, fibrin stabilization and clot lysis. Tyler HM.
Ann NY Acad Sci 202:273-85, 8 Dec 72 (39 ref.)
Multiplicity of rabbit plasminogen. Physical characterization. Sodetz JM, et al.
Biochemistry 11:4451-8, 21 Nov 72
Release of an N-terminal peptide from human plasminogen during activation with urokinase. Rickli EE, et al. Biochim Biophys Acta 295:381-4, 25 Jan 73
Effects of Ancrod (Arvin) in mice: studies of plasma fibrinogen and fibrinolytic activity. Silberman S, et al.
Br J Haematol 24:101-13, Jan 73
Thromboresistance of Stellite 21: the role of an adventitious waxy contaminant. Baier RE, et al.
J Biomed Mater Res 6:465-70, Sep 72
Clinical physiology of the fibrinolytic enzyme system. Douglas AS, et al. J Clin Pathol 25:615-8, Jul 72
Studies on human plasma alpha 2-macroglobulin-enzyme interactions. Evidence for proteolytic modification of the subunit chain structure. Harpel PC. J Exp Med 138:508-21, 1 Sep 73
The activating mechanism of human plasminogen through streptokinase. Inhibition experiments with BAL. Auerswald W, et al. Pharmacology 8:232-4, 1972
A fibrinolytic agent from a Saturnid caterpillar. Partial purification and characterization. Arocha-Pinango CL, et al. Thromb Diath Haemorrh 29:135-42, 28 Feb 73
Cold promoted activation of factor VII. 3. Relation to the kallikrein system. Gjonnaess H.
Thromb Diath Haemorrh 28:182-93, 31 Oct 72
Cold promoted activation of Factor VII. V. Relation to

the fibrinolytic system. Gjonnaess H.
Thromb Diath Haemorrh 29:143-53, 28 Feb 73

The surface bonded, covalently crosslinked urokinase synthetic surface. In vitro and chronic in vivo studies. Kusserow BK, et al.
Trans Am Soc Artif Intern Organs 19:8-12, 1973

[Proactivator-activator system in human plasma fibrinolysis: studies on the synthetic fibrinolytic system composed of functionally pure fibrinogen, plasminogen and proactivator, separated from human plasma] Okamoto U.
J Physiol Soc Jap 34:147-55, Mar 72 (Eng. Abstr.) **(Jap)**

[Use of proteolytic enzymes for prevention of postoperative adhesions in the abdominal cavity] Zhenchevskiĭ RA.
Vestn Khir 108:48-53, Oct 72 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Experimental intracoronary thrombosis and selective in situ lysis by catheter technique. Kordenat RK, et al.
Am J Cardiol 30:640-5, 8 Nov 72

Intravitreal urokinase in the treatment of vitreous hemorrhage. Dugmore WN, et al.
Am J Ophthalmol 75:779-81, May 73

Serosal hypofibrinolysis. A cause of postoperative adhesions. Gervin AS, et al. **Am J Surg** 125:80-8, Jan 73

Relief of chronic peripheral artery obstruction by intravenous Brinase. Frisch EP, et al.
J Ir Med Assoc 66:313-8, 23 Jun 73

Feasibility of urokinase in the treatment of acute myocardial infarction. Hashida E, et al.
Jap Circ J 36:941-4, Sep 72

Low-dose urokinase in major pulmonary embolism. Edwards IR, et al. **Lancet** 2:409-13, 25 Aug 73

Resolution of intravitreal clots by urokinase. Forrester J, et al. **Lancet** 2:179-81, Jul 73

Urokinase in pulmonary embolism. Goldman L.
Lancet 2:163, 21 Jul 73

Treatment of vitreous haemorrhage with urokinase. Williamson J, et al. **Lancet** 808:888, 21 Apr 73

Treatment of vitreous haemorrhage with urokinase. Williamson J, et al. **Lancet** 1:888, 21 Apr 73

Low-dose urokinase in pulmonary embolism.
Lancet 2:613-4, 15 Sep 73

[1st results in thrombolitic treatment with urokinase in myocardial infarct and premonitory syndromes] Brochier M, et al.
Ann Cardiol Angeiol (Paris) 22:211-22, May-Jun 73 (Eng. Abstr.) **(Fre)**

[Retinal arterial occlusions. Review of the literature of the past 5 years] Bonamour G.
Arch Ophtalmol (Paris) 32:767-78, Nov 72 (98 ref.) **(Fre)**

[Thrombolytic treatments] Samama M, et al.
Rev Prat 22:Suppl:96-100, 25 Nov 72 **(Fre)**

[Prevention of concomitant thrombosis in central venous catheters by drugs] Fassolt A, et al.
Anaesthesist 22:324-6, Jul 73 **(Ger)**

[Problems of dosage and side-effects of anticoagulants and fibrinolytics (internal medicine, surgery)] Goossens N.
Int J Clin Pharmacol 6:188-95, Jun 72 **(Ger)**

[Use of proteolytic enzymes for prevention of postoperative adhesions in the abdominal cavity] Zhenchevskiĭ RA.
Vestn Khir 108:48-53, Oct 72 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

The urokinase pulmonary embolism trial. A national cooperative study.
Circulation 47:Suppl 2:1-108, Apr 73

Pulmonary embolism in the aged. Bloomfield DA.
Geriatrics 28:126-31, Oct 73

Current status of thrombolytic agents in acute cerebrovascular disease. Fletcher AP.
J Clin Pathol 25:649-50, Jul 72

Clinical experience with brinase. Frisch EP.
J Clin Pathol 25:653-4, Jul 72

Thrombolytic properties and side effects of brinase (fibrinolytic enzyme from Aspergillus oryzae) in the dog. Roschlau WH. **J Clin Pathol** 25:635-6, Jul 72

Resolution of intravitreal clots by urokinase. Forrester J, et al. **Lancet** 2:179-81, Jul 73

[Platelet aggregation increase. An unexpected result in fibrinolytic therapy] Griguer P.
Ann Cardiol Angeiol (Paris) 22:223-30, May-Jun 73 **(Fre)**

[Drug-induced pulmonary vascular accidents] Touraine R, et al.
Rev Tuberc Pneumol (Paris) 36:821-39, Jul-Aug 72 (Eng. Abstr.) **(Fre)**

[Problems of dosage and side-effects of anticoagulants and fibrinolytics (internal medicine, surgery)] Goossens N.
Int J Clin Pharmacol 6:188-95, Jun 72 **(Ger)**

ANALYSIS

Evaluation of the orginal fibrin plate method for estimating plasminogen activators. Marsh NA, et al.
J Clin Pathol 25:623-4, Jul 72

[Chrysotherapy] Buneaux F, et al.
Rev Rhum Mal Osteoartic 40:429-38, Jun 73 (Eng. Abstr.) **(Fre)**

[Urokinase; protein-chemistry and fibrin-autography studies] Andrassy K, et al.
Verh Dtsch Ges Inn Med 78:1460-2, 1972 **(Ger)**

[Elastase in pseudomonas and aeromonas] Scharmann W.
Zentralbl Bakteriol [Orig A] 220:435-42, May 72 (Eng. Abstr.) **(Ger)**

[The coagulation and fibrinolytic properties of rabbit erythrocytes] Potekhin KG, et al.
Biol Nauki 3:47-51, 1972 **(Rus)**

[Histidase and urokinase activity in the blood and liver of the rat in alloxan diabetes and the effect of insulin on their activities] Mkhitarian VG, et al.
Zh Eksp Klin Med 12:18-24, 1972 **(Rus)**

ANTAGONISTS & INHIBITORS

Fibrinolysis in cholestatic jaundice. Jedrychowski A, et al. **Br Med J** 1:640-2, 17 Mar 73

Fibrinolytic activity in normal and cancerous tissues of the bladder. Hisazumi H, et al.
Invest Urol 11:28-34, Jul 73

Inhibitors of fibrinolysis: evidence of some instances of mutual potentiation. Coccheri S, et al.
J Clin Pathol 25:627-8, Jul 72

Thrombolytic properties and side effects of brinase (fibrinolytic enzyme from Aspergillus oryzae) in the dog. Roschlau WH. **J Clin Pathol** 25:635-6, Jul 72

Basic biochemical and pharmacological properties of brinase. Svärd PO. **J Clin Pathol** 25:633-4, Jul 72

Urokinase inhibitor in human placenta. A thromboelastographic evaluation. Uszyński M, et al.
Mater Med Pol 3:15-9, Oct-Dec 71

A new potential mediator of arterial thrombosis whose biosynthesis is inhibited by aspirin. Willis AL, et al.
Prostaglandins 4:127-30, Jul 73

Inhibition of fibrinolysis in extracorporeal pig liver perfusion. Jedrychowski A, et al.
Scand J Gastroenterol 7:551-4, 1972

BIOSYNTHESIS

[Fibrinolytic activity of some strains of Aspergillus in deep culture on organic and synthetic culture media] Dzherova A, et al.
Izv Mikrobiol Inst (Sofiia) 23:61-6, 1972 (Eng. Abstr.) **(Bul)**

[Study of the conditions for increasing the fibrinolytic activity of Aspergillus sp. strain 101 in deep culture] Grivorov Iv, et al.
Izv Mikrobiol Inst (Sofiia) 23:55-9, 1972 (Eng. Abstr.) **(Bul)**

[Biosynthesis of fibrinolytic enzymes by actinomycetes growing on different media] Egorov NS, et al.
Biol Nauki 3:89-93, 1972 **(Rus)**

BLOOD

The use of antifibrinolytic drugs to prevent early recurrent aneurysmal subarachnoid haemorrhage. Tovi D. **Acta Neurol Scand** 49:163-75, 1973

The blood coagulation and fibrinolytic enzyme systems in healthy adult Africans and Europeans--a comparative study. Barr RD, et al.
Scott Med J 18:93-7, May 73

[Etiology and treatment of hematuria in hemophiliacs] István L. **Orv Hetil** 113:2458-61, 8 Oct 72 **(Hun)**

[Hemorrhagic diathesis with increased fibrinolytic enzyme activities in the field of surgery] Murakami F, et al.
Jap J Clin Hematol 13:187-94, Apr 72 (Eng. Abstr.) **(Jap)**

[Blood coagulation under the effect of a single injection of insulin] Khubetsova RD.

Probl Endokrinol (Mosk) 18:74-8, Nov-Dec 72 (Eng. Abstr.) (Rus)

CEREBROSPINAL FLUID

The use of antifibrinolytic drugs to prevent early recurrent aneurysmal subarachnoid haemorrhage. Tovi D. **Acta Neurol Scand** 49:163-75, 1973

CHEMICAL SYNTHESIS

Synthesis and structure-activity relationships of fibrinolytic 1,omega-diphenyl-1,omega-alkanediamines. Fliedner LJ Jr, et al. **J Med Chem** 16:749-54, Jul 73

Dl- -(4-isobutyl(cyclohexen-1-yl))aklanoic acids and derivatives as fibrinolytic and thrombolytic compounds. Vincent M, et al. **J Med Chem** 16:710-2, Jun 73

Urokinase in pulmonary embolism. Simon TL, et al. **Lancet** 2:501, 1 Sep 73

DIAGNOSTIC USE

The coagulation and fibrinolytic properties of peritoneal and venous blood in patients with ruptured ectopic pregnancy. Carty MJ, et al. **J Obstet Gynaecol Br Commonw** 80:701-3, Aug 73

ISOLATION & PURIFICATION

A fibrinolytic agent from a Saturnid caterpillar. Partial purification and characterization. Arocha-Pinango CL, et al. **Thromb Diath Haemorrh** 29:135-42, 28 Feb 73

[Significance of natural fibrinolysis activators for the origin of blood anticoagulant activity] Andreenko GW. **Folia Haematol (Leipz)** 98:488-90, 1972 (Ger)

METABOLISM

Activation of human plasminogen by an insoluble derivative of urokinase. Structural changes of plasminogen in the course of activation to plasmin and demonstration of a possible intermediate compound. Wiman B, et al. **Eur J Biochem** 36:25-31, 2 Jul 73

Increased plasminogen activator (urokinase) in tissue culture after fibrin deposition. Bernik MB. **J Clin Invest** 52:823-34, Apr 73

Differences in the binding to fibrin of urokinase and tissue plasminogen activator. Thorsen S, et al. **Thromb Diath Haemorrh** 28:65-74, 31 Aug 72

PHARMACODYNAMICS

Two functionally different kininogens in human plasma. Seidel G. **Agents Actions** 3:12-9, May 73

Serosal hypofibrinolysis. A cause of postoperative adhesions. Gervin AS, et al. **Am J Surg** 125:80-8, Jan 73

Induction of experimental arterial occlusive thrombi in rats. Hornstra G, et al. **Atherosclerosis** 17:369-82, May-Jun 73

The present status of thrombolytic agents. Verstraete M. **Drugs** 5:353-6, 1973

Degradation of human fibrinogen by plasma alpha2-macroglobulin-enzyme complexes. Harpel PC, et al. **J Clin Invest** 52:2175-84, Sep 73

Mechanism of ancrod anticoagulation. A direct proteolytic effect on fibrin. Pizzo SV, et al. **J Clin Invest** 51:2841-50, Nov 72

Basic biochemical and pharmacological properties of brinase. Svärd PO. **J Clin Pathol** 25:633-4, Jul 72

Insolubilized activators of the fibrinolysin system. In vitro studies. Ambrus CM, et al. **J Med (Basel)** 3:270-81, 1972

Activation of plasminogen with insoluble derivatives of urokinase. Deutsch DG, et al. **J Med (Basel)** 3:224-30, 1972

Synthesis and structure-activity relationships of fibrinolytic 1,omega-diphenyl-1,omega-alkanediamines. Fliedner LJ Jr, et al. **J Med Chem** 16:749-54, Jul 73

Dl- -(4-isobutyl(cyclohexen-1-yl))aklanoic acids and derivatives as fibrinolytic and thrombolytic compounds. Vincent M, et al. **J Med Chem** 16:710-2, Jun 73

Low-dose urokinase in major pulmonary embolism. Edwards IR, et al. **Lancet** 2:409-13, 25 Aug 73

Ancrod, heparin, and -aminocaproic acid in simian Knowlesi malaria. Reid HA, et al. **Lancet** 2:1110-2, 25 Nov 72

Enhancement of fibrinolytic activity. **Lancet** 2:716, 29 Sep 73

Platelet and fibrinogen consumption in man. Harker LA, et al. **N Engl J Med** 287:999-1005, 16 Nov 72

Factor 8 activity in haemophilic plasma unmasked by synthetic organic anions. Von Kaulla E, et al. **Nature [New Biol]** 240:144-5, 29 Nov 72

Prevention of dog serum-induced aggregation of pig platelets. Gerloff J, et al. **Proc Soc Exp Biol Med** 141:298-303, Oct 72

Studies on soluble fibrin in plasma. 3. N-terminal analysis of a modified fraction I (Cohn) from plasmin- and thrombin-incubated plasma. Kierulf P. **Scand J Clin Lab Invest** 31:43-9, Jan 73

The inhibition of tissue plasminogen activator and urokinase-induced fibrinolysis by some natural proteinase inhibitors and by plasma and serum from normal and pregnant subjects. Thorsen S. **Scand J Clin Lab Invest** 31:51-9, Jan 73

[Significance of natural fibrinolysis activators for the origin of blood anticoagulant activity] Andreenko GW. **Folia Haematol (Leipz)** 98:488-90, 1972 (Ger)

[In-vitro inhibition of thrombocyte aggregation induced by xenogenic serum] Kaulla KN von, et al. **Res Exp Med (Berl)** 158:152-64, 1972 (Eng. Abstr.) (Ger)

[Effect of fibrinolytics and antifibrinolytics on wound healing. Experimental study] Wilde J, et al. **Z Exp Chir** 4:241-7, 1971 (Eng. Abstr.) (Ger)

[Disseminated intravascular coagulation] Amir J. **Harefuah** 83:29-32, 2 Jul 72 (20 ref.) (Heb)

[Biosynthesis of fibrinolytic enzymes by actinomycetes growing on different media] Egorov NS, et al. **Biol Nauki** 3:89-93, 1972 (Rus)

THERAPEUTIC USE

Pulmonary thromboembolism: current concepts. McIntyre KM, et al. **Adv Intern Med** 18:199-218, 1972 (84 ref.)

Intravitreal urokinase in the treatment of vitreous hemorrhage. Dugmore WN, et al. **Am J Ophthalmol** 75:779-81, May 73

The urokinase pulmonary embolism trial. De Takats G. **Am J Surg** 126:311-3, Sep 73

The management of lower limb ischaemia. Bevan PG. **Ann R Coll Surg Engl** 51:103-17, Aug 72

Pulmonary emboli as cause of pulmonary hypertension. Spotnitz M, et al. **Ariz Med** 30:272-4, Apr 73

Experiences in the use of fibrinolytic agents in Behcet's syndrome. Kirk J, et al. **Australas J Dermatol** 13:5-10, Apr 72

Observations on the mechanism of the haematological changes in the haemolytic uraemic syndrome of infancy. Metz J. **Br J Haematol** 23:Suppl:53-9, Sep 72

Behçet's disease with decreased fibrinolysis and superior vena caval occlusion. Chajek T, et al. **Br Med J** 1:782-3, 31 Mar 73

Vitreous surgery. Williamson J. **Br Med J** 2:666, 16 Jun 73

Peripheral vascular disease today. Lippmann HI. **Bull NY Acad Med** 49:674-88, Aug 73

The urokinase pulmonary embolism trial. A national cooperative study. **Circulation** 47:Suppl 2:1-108, Apr 73

Streptokinase: a review of its clinical pharmacology, mechanism of action and therapeutic uses. Brogden RN, et al. **Drugs** 5:357-445, 1973 (260 ref.)

The present status of thrombolytic agents. Verstraete M. **Drugs** 5:353-6, 1973

On coagulation and fibrinolysis in trauma and shock. Pandolfi M, et al. **Eur Surg Res** 4:153-65, 1972

Recognizing and reacting to recurrent pulmonary embolism. Genton E. **Geriatrics** 28:84-8, Mar 73

A surgeon reviews a half century of progress in the treatment of coronary heart disease. Mazel MS. **J Am Geriatr Soc** 21:355-61, Aug 73

Methodology for the control of thrombolytic therapy. Alkjaersig N. **J Clin Pathol** 25:625-6, Jul 72

Current status of thrombolytic agents in acute cerebrovascular disease. Fletcher AP. **J Clin Pathol** 25:649-50, Jul 72

Drug therapeutic evaluation in acute myocardial infarction. Fletcher AP. **J Clin Pathol** 25:646-7, Jul 72

Pharmacology of thrombolysis: urokinase. Fletcher AP. **J Clin Pathol** 25:633, Jul 72

Clinical experience with brinase. Frisch EP. **J Clin Pathol** 25:653-4, Jul 72

Radiographic, haemodynamic and biochemical findings related to the National Heart and Lung Institute's

urokinase pulmonary embolism trial. Johnson AJ, et al. **J Clin Pathol 25:646, Jul 72**

Chandler's thrombi as agents for the assessment of anti-thrombotic drugs in vitro. Lawson DH, et al. **J Clin Pathol 26:452-3, Jun 73**

Thrombolytic properties and side effects of brinase (fibrinolytic enzyme from Aspergillus oryzae) in the dog. Roschlau WH. **J Clin Pathol 25:635-6, Jul 72**

Thrombolysis. Sharp AA, et al. **J Clin Pathol 25:630-1, Jul 72**

Basic biochemical and pharmacological properties of brinase. Svärd PO. **J Clin Pathol 25:633-4, Jul 72**

Thrombolytic treatment of pulmonary embolism. Verstraete M. **J Clin Pathol 25:645, Jul 72**

Relief of chronic peripheral artery obstruction by intravenous Brinase. Frisch EP, et al. **J Ir Med Assoc 66:313-8, 23 Jun 73**

Di- -(4-isobutyl(cyclohexen-1-yl))aklanoic acids and derivatives as fibrinolytic and thrombolytic compounds. Vincent M, et al. **J Med Chem 16:710-2, Jun 73**

Combined thrombolytic and Dotter treatment in arterial occlusive disease. Ele H, et al. **J Oslo City Hosp 22:141-8, Sep-Oct 72**

Feasibility of urokinase in the treatment of acute myocardial infarction. Hashida E, et al. **Jap Circ J 36:941-4, Sep 72**

Retrograde phlebography in major pulmonary embolism. Dow JD. **Lancet 2:407-9, 25 Aug 73**

Low-dose urokinase in major pulmonary embolism. Edwards IR, et al. **Lancet 2:409-13, 25 Aug 73**

Resolution of intravitreal clots by urokinase. Forrester J, et al. **Lancet 2:179-81, Jul 73**

Urokinase in pulmonary embolism. Goldman L. **Lancet 2:163, 21 Jul 73**

Urokinase in pulmonary embolism. Simon TL, et al. **Lancet 2:501, 1 Sep 73**

Treatment of vitreous haemorrhage with urokinase. Williamson J, et al. **Lancet 808:888, 21 Apr 73**

Treatment of vitreous haemorrhage with urokinase. Williamson J, et al. **Lancet 1:888, 21 Apr 73**

Low-dose urokinase in pulmonary embolism. **Lancet 2:613-4, 15 Sep 73**

Urokinase in pulmonary embolism. **Lancet 1:1427-8, 23 Jun 73**

Advances in medicine. McNicol GP, et al. **Practitioner 209:411-23, Oct 72 (52 ref.)**

The use of urokinase, pyridinolcarbamate, and dypiridamole in rat heart allografts. Ono K, et al. **Surgery 73:128-32, Jan 73**

Clinical trials with antithrombotic and thrombolytic agents. Principles and pitfalls. Sherry S. **Thromb Diath Haemorrh 29:3-10, 28 Feb 73**

Complement and coagulation. Serum beta-1c-beta-1a in disseminated intravascular coagulation. Tomar RH, et al. **Thromb Diath Haemorrh 27:389-95, 31 Jul 72**

[Nature and treatment of priapism] Altunkov P. **Khirurgiia (Sofiia) 25:413-6, 1972 (Eng. Abstr.) (Bul)**

[Are there indications for the administration of thrombolytic agents?] Bieger R, et al. **Ned Tijdschr Geneeskd 116:2042-6, 4 Nov 72 (Eng. Abstr.) (Dut)**

[1st results in thrombolitic treatment with urokinase in myocardial infarct and premonitory syndromes] Brochier M, et al. **Ann Cardiol Angeiol (Paris) 22:211-22, May-Jun 73 (Eng. Abstr.) (Fre)**

[Thrombolytic treatment of severe pulmonary emboli] Plot JC, et al. **Cah Med 14:357-60, May 73 (Fre)**

[Role of thromboclase in arterial surgery of the limbs] Vanneuville G, et al. **Nouv Presse Med 2:1521-2, 2 Jun 73 (Fre)**

[Fibrinolytic effect of benzarone at the level of the venous wall in humans] Barchewitz G, et al. **Pathol Biol (Paris) 21:555-61, May 73 (Eng. Abstr.) (Fre)**

[Phlebographic control of treatment of deep venous thrombosis] Goldstein M. **Phlebologie 25:299-307, Jul-Sep 72 (Eng. Abstr.) (Fre)**

[Prevention of concomitant thrombosis in central venous catheters by drugs] Fassolt A, et al. **Anaesthesist 22:324-6, Jul 73 (Ger)**

[Clinical picture of the Paget-von-Schroetter syndrome with special consideration of thrombolytic therapy] Vogel G, et al. **Dtsch Gesundheitsw 27:2020-4, 26 Oct 72 (Eng. Abstr.) (Ger)**

[Therapy of heart infarct] Strey W. **Dtsch Krankenpflegez 25:584-8, Nov 72 (Ger)**

[Treatment of cardiogenic shock following myocardial infarct] Röhl D, et al. **Dtsch Med Wochenschr 98:1537-9, 11 Aug 73 (Ger)**

[What is assured in drug therapy of cerebrovascular circulation disorders?] Gottstein U. **Med Klin 68:947-51, 20 Jul 73 (34 ref.) (Ger)**

[Therapeutic fibrinolysis] Straub PW. **Schweiz Med Wochenschr 103:753-7, 19 May 73 (Eng. Abstr.) (Ger)**

[Differential diagnosis and therapy of digitalis-refractory heart failure] Lüderitz B, et al. **Ther Ggw 111:1238-9 passim, Sep 72 (Ger)**

[Problem of acute obstruction of the mesenteric arteries] Schennach W, et al. **Thoraxchirurgie 20:457-62, Dec 72 (Eng. Abstr.) (Ger)**

[Effect of pyridinolcarbamate on blood coagulation and thrombolysis in patients with arteriosclerosis obliterans] Hess H, et al. **Vasa 1:206-11, 1972 (Eng. Abstr.) (Ger)**

[Clinical-experimental findings in the fibrinolytic therapy of fresh myocardial infarct] Breddin K, et al. **Verh Dtsch Ges Inn Med 78:1039-41, 1972 (Ger)**

[Therapy of peripheral blood vessel obstruction] **Verh Dtsch Ges Inn Med 77:374-7, 1971 (Ger)**

[Venoms thrombosis and its treatment] Koller F, et al. **Z Allgemeinmed 49:16-9, 10 Jan 73 (Ger)**

[Electrocardiographic and rheographic modifications in arteriosclerotics treated with polysulfoester of pentosan (SP-54)] Aguglia V, et al. **Boll Soc Ital Cardiol 17:65-75, 1972 (Eng. Abstr.) (Ita)**

[Thrombosis in the heart patient] Galliera O. **Cardiol Prat 23:91-9, Apr-Jun 72 (Eng. Abstr.) (Ita)**

[Therapy of coronary arteriosclerosis and its complications] Giordano MP, et al. **Clin Ter 60:259-74, 15 Feb 72 (Ita)**

[Thrombolytic therapy of acute myocardial infarct] De Giorgi E. **Minerva Cardioangiol 20:663-6, Nov 72 (Ita)**

[Fibrinolysis in internal medicine] Breda R, et al. **Minerva Med 63:4803-7, 8 Dec 72 (Ita)**

[Problem of surgical therapy of acute venous thrombosis of the limbs] Puglionisi A, et al. **Minerva Med 63:4825-6, 8 Dec 72 (Ita)**

[Case of intracranial venous thrombosis in the postpartum period] Kageyama S, et al. **Clin Neurol (Tokyo) 13:237-43, Apr 73 (Eng. Abstr.) (Jap)**

[Effects of urokinase on the course of diffuse scleroderma] Hayase S, et al. **Jap J Clin Med 31:873-9, Apr 73 (Jap)**

[Test with protamine sulfate in fibrinolytic treatment of myocardial infarct] Kocot E, et al. **Pol Arch Med Wewn 50:285-8, Mar 73 (Eng. Abstr.) (Pol)**

[Current data on diagnosis and treatment of thromboembolic states] Zosin P, et al. **Med Interna (Bucur) 24:947-58, Aug 72 (Eng. Abstr.) (Rum)**

[Medico-surgical implications in vertebrobasilar circulatory insufficiency] Pollingher B, et al. **Neurol Psihiatr Neurochir 18:33-42, Jan-Feb 73 (Rum)**

[Anginin (pyridinol carbamate) therapy of coronary atherosclerosis and obliterating atherosclerosis of the arteries of the lower extremities] Liusov VA, et al. **Kardiologiia 12:39-45, Nov 72 (Eng. Abstr.) (Rus)**

[Experimental thrombolysis] Shumakov VI, et al. **Kardiologiia 12:88-91, Feb 72 (Eng. Abstr.) (Rus)**

[Thrombolytin and anticoagulants in the treatment of patients with acute thrombosis of the veins of the lower limbs] Koniukhov SG, et al. **Vestn Khir 108:66-8, Jul 72 (Eng. Abstr.) (Rus)**

[Use of proteolytic enzymes for prevention of postoperative adhesions in the abdominal cavity] Zhenchevskiĭ RA. **Vestn Khir 108:48-53, Oct 72 (Eng. Abstr.) (Rus)**

[Some directions in the prevention and therapy of cerebral hypoxia] Akimov GA, et al. **Zh Nevropatol Psikhiatr 73:491-7, 1973 (102 ref.) (Rus)**

[Round table discussion on current antithrombotic therapy] **Angiologia 25:215-54, Sep-Oct 73 (Spa)**

TOXICITY

Pharmacology of thrombolysis: urokinase. Fletcher AP. **J Clin Pathol 25:633, Jul 72**

Di- -(4-isobutyl(cyclohexen-1-yl))aklanoic acids and derivatives as fibrinolytic and thrombolytic compounds. Vincent M, et al. **J Med Chem 16:710-2, Jun 73**

URINE

Inhibition of plasminogen activators by naturally occurring inhibitors in man. Aoki N, et al. **Am J Physiol 223:1334-7, Dec 72**

Urinary excretion in kidney-graft rejection. Wardle EN. **Lancet 2:931, 28 Oct 72**

Circulation research: exploring its potential in clinical nursing research. McKinnon-Mullett EL. **Nurs Res 21:494-8, Nov-Dec 72**

[Measurement of the fibrinolytic activation capacity of urine. Description of a simplified method. Role of ions] Kahn JP, et al. **Pathol Biol (Paris) 21:339-47, Apr 73 (Eng. Abstr.) (Fre)**

[Urokinase excretion, juxtaglomerular complex, formation of intratubular casts, and exogen fibrinolysis in postischemic nephropathy of the rat] Lange HP, et al. **Beitr Pathol 148:103-26, Feb 73 (Eng. Abstr.) (Ger)**

[Physiopathology of urokinase excretion as studied on the model of acute kidney failure] Asbeck F, et al. **Verh Dtsch Ges Inn Med 77:705-7, 1971 (Ger)**

[Fibrinolytic activity of the urine in healthy persons] Belitskaia GA. **Fiziol Zh 19:254-6, Mar-Apr 73 (Ukr)**

HEMANGIOENDOTHELIOMA

Malignant vascular tumors of liver. Adam YG, et al. **Ann Surg 175:375-83, Mar 72**

Solitary vascular tumour of duodenum (haemangioendothelioma and-or haemangiopericytoma). Gue S. **J R Coll Surg Edinb 18:47-51, Jan 73**

Malignant haemangioendothelioma of the breast. York NG. **Med J Aust 2:1361-3, 9 Dec 72**

[Malignant hemangioendothelioma originating from the mesocolon] Schilli A, et al. **Orv Hetil 114:875-6, 15 Apr 73 (Hun)**

CHEMICALLY INDUCED

The carcinogenicity of intravenous nickel carbonyl in rats. Lau TJ, et al. **Cancer Res 32:2253-8, Oct 72**

Induction of hemangiomatous lesions with dimethyl-nitrosoamine: influence of route of administration and strain of mice. Kuwahara A, et al. **Gann 63:499-502, Aug 72**

Effect of 1-naphthyl isothiocyanate and 3-methylcholanthrene on hepatocarcinogenesis in rats treated with diethylnitrosoamine. Makiura S, et al. **Gann 64:101-4, Feb 73**

Vascular tumors in female mice after intraperitoneal injection of dimethylnitrosamine. Cardesa A, et al. **J Natl Cancer Inst 51:201-8, Jul 73**

[Experimental tumors of the peripheral nervous system in dogs] Stavrou D, et al. **Naturwissenschaften 59:317-8, Jul 72 (Ger)**

[Natural carcinogens: hepatic disorders in the rat caused by cycasin, with special reference to the induction of hepatic tumors] Fukunishi R, et al. **Jap J Clin Med 30:931-4, Apr 72 (Jap)**

[A rapid method of inducing liver tumors in rats] Zabezhinskiĭ MA. **Vopr Onkol 18:85, 1972 (Rus)**

COMPLICATIONS

Mesenteric hemangioendothelioma with thrombocytopenia. Report with arteriographic findings. Hansen RC, et al. **Cancer 32:136-41, Jul 73**

Infantile haemangioendothelioma of the liver--a case report. Agarwal S, et al. **Indian J Cancer 10:103-6, Mar 73**

Malignant haemangio-endothelioma associated with congenital adrenal hyperplasia. Donald D. **J Pathol 109:361-3, Apr 73**

[Hemangioendothelioma of the spleen (report of two cases)] Eisen M, et al. **Zentralbl Chir 97:1467-75, 14 Oct 72 (Ger)**

CONGENITAL

Vascular tumors of the liver in newborns. A pediatric emergency. Leonidas JC, et al. **Am J Dis Child 125:507-10, Apr 73**

[Case of hemangioendothelioma in a 2-day-old infant] Pansalewicz M. **Patol Pol 23:429-32, Jul-Sep 72 (Eng. Abstr.) (Pol)**

DIAGNOSIS

Spontaneous regression of a putative childhood hepatoma. A reappraisal. McSweeney WJ, et al. **Am J Dis Child 125:596-8, Apr 73**

High resolution B-scan ultrasonography of the orbit. II. Hemangiomas of the orbit. Coleman DJ, et al. **Arch Ophthalmol 88:368-74, Oct 72**

Hemangioendothelial sarcoma of bone: the role of irradiation and tumor growth studies. Pearlman AW. **Bull Hosp Joint Dis 33:135-49, Oct 72**

[Pulmonary hemangiopericytomas (apropos of 3 cases)] Uzzan D, et al. **Rev Tuberc Pneumol (Paris) 36:599-606, Jun 72 (Eng. Abstr.) (Fre)**

[Atypical isolated trichoepithelioma of the chin] Nasemann T, et al. **Hautarzt 24:105-10, Mar 73 (Ger)**

[Use of 1 -fetoprotein in the diagnosis of primary liver cell carcinoma] Müller GM, et al. **Z Gesamte Inn Med 27:1084-7, 15 Dec 72 (Eng. Abstr.) (Ger)**

[Hemangioendothelioma of the spleen (report of two cases)] Eisen M, et al. **Zentralbl Chir 97:1467-75, 14 Oct 72 (Ger)**

DRUG THERAPY

Hemangioendothelioma of the penis with late appearing metastases: report of a case with review of the literature. Deutsch M, et al. **J Surg Oncol 5:27-34, 1973**

[Thyroid hemangioendothelioma] Besznyák I, et al. **Zentralbl Chir 98:132-4, 26 Jan 73 (Ger)**

ETIOLOGY

Hemangioendothelioma of the leg following metallic fixation of the tibia. Dube VE, et al. **Cancer 30:1260-6, Nov 72**

Pathogenicity of some clones from field isolates of avian leukosis viruses. Hihara H, et al. **Natl Inst Anim Health Q (Tokyo) 12:117-26, Fall 72**

[Effect of dusts of rare earth metals containing a radioactive component on the development of pulmonary reticulosarcomas] Likhachev IuP, et al. **Biull Eksp Biol Med 73:78-81, Nov 72 (Eng. Abstr.) (Rus)**

IMMUNOLOGY

Incidence of group-specific (gs) antigens of type C tumor viruses in spontaneous neoplasms of BALB-cCr mice. Peters RL, et al. **Int J Cancer 10:290-5, 15 Sep 72**

Long-term spontaneous tumor incidence in neonatally thymectomized mice. Sanford BH, et al. **J Immunol 110:1437-9, May 73**

MICROBIOLOGY

Murine C-type RNA virus from spontaneous neoplasms: in vitro host range and oncogenic potential. Peters RL, et al. **Science 181:665-7, 17 Aug 73**

MORTALITY

[Radiotherapy of maxillary tumors] Sala O, et al. **Monatsschr Ohrenheilkd Laryngorhinol 106:396-7, 1972 (Ger)**

OCCURRENCE

Incidence of spontaneous neoplasms in breeding and retired breeder BALB-cCr mice throughout the natural life span. Peters RL, et al. **Int J Cancer 10:273-82, 15 Sep 72**

[Thyroid sarcoma in endemic regions] Depisch D, et al. **Bruns Beitr Klin Chir 220:397-404, Jul 73 (Eng. Abstr.) (Ger)**

[Primary liver tumors in childhood] Stauffer UG, et al. **Helv Paediatr Acta 28:239-48, Jul 73 (Eng. Abstr.) (Ger)**

PATHOLOGY

Vascular tumors of the liver in newborns. A pediatric emergency. Leonidas JC, et al. **Am J Dis Child 125:507-10, Apr 73**

Malignant vascular tumors of liver. Adam YG, et al. **Ann Surg 175:375-83, Mar 72**

Hemangioendothelial sarcoma of bone: the role of

irradiation and tumor growth studies. Pearlman AW.
Bull Hosp Joint Dis 33:135-49, Oct 72
Hemangioendothelioma of the leg following metallic fixation of the tibia. Dube VE, et al.
Cancer 30:1260-6, Nov 72
Prosthetic replacement of the proximal half of the humerus. Packard AG Jr. **Clin Orthop** 93:250-2, Jun 73
Infantile haemangioendothelioma of the liver--a case report. Agarwal S, et al.
Indian J Cancer 10:103-6, Mar 73
Malignant haemangio-endothelioma associated with congenital adrenal hyperplasia. Donald D.
J Pathol 109:361-3, Apr 73
Solitary vascular tumour of duodenum (haemangioendothelioma and-or haemangiopericytoma). Gue S.
J R Coll Surg Edinb 18:47-51, Jan 73
Hemangioendothelioma of the penis with late appearing metastases: report of a case with review of the literature. Deutsch M, et al.
J Surg Oncol 5:27-34, 1973
Radiation injury with particular reference to thorotrast. Grampa G.
Pathol Annu 6:147-69, 1971 (199 ref.)
[Pathology of unusual angiosarcomas of the orbit: hemangiopericytoma and hemangioendothelioma] Heckmann K.
Ophthalmologica 166:36-47, 1973 (Eng. Abstr.) **(Ger)**
[Thyroid hemangioendothelioma] Besznyák I, et al.
Zentralbl Chir 98:132-4, 26 Jan 73 **(Ger)**
[Hemangioendothelioma of the spleen (report of two cases)] Eisen M, et al.
Zentralbl Chir 97:1467-75, 14 Oct 72 **(Ger)**
[Case of hemangioendothelioma in a 2-day-old infant] Pansalewicz M.
Patol Pol 23:429-32, Jul-Sep 72 (Eng. Abstr.) **(Pol)**

PHYSIOPATHOLOGY

[Rare benign, semi-malignant and malignant vascular tumours of the skin. Clinical course, histology and systemisation] Schneider W.
Munch Med Wochenschr 114:1178-83, 23 Jun 72 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

Hemangioendothelial sarcoma of bone: the role of irradiation and tumor growth studies. Pearlman AW.
Bull Hosp Joint Dis 33:135-49, Oct 72
Mesenteric hemangioendothelioma with thrombocytopenia. Report with arteriographic findings. Hansen RC, et al. **Cancer** 32:136-41, Jul 73
[Angiography of hemangiomas of the liver] Tavernier J, et al.
J Radiol Electrol Med Nucl 53:493-9, Jun-Jul 72 (Eng. Abstr.) **(Fre)**
[Roentgen diagnosis of primary pulmonary sarcoma] Shusterov BG.
Vestn Rentgenol Radiol 46:21-8, Nov-Dec 71 (Eng. Abstr.) **(Rus)**

RADIOTHERAPY

Hemangioendothelial sarcoma of bone: the role of irradiation and tumor growth studies. Pearlman AW.
Bull Hosp Joint Dis 33:135-49, Oct 72
Mesenteric hemangioendothelioma with thrombocytopenia. Report with arteriographic findings. Hansen RC, et al. **Cancer** 32:136-41, Jul 73
Hemangioendothelioma of the penis with late appearing metastases: report of a case with review of the literature. Deutsch M, et al.
J Surg Oncol 5:27-34, 1973
[Radiotherapy of maxillary tumors] Sala O, et al.
Monatsschr Ohrenheilkd Laryngorhinol 106:396-7, 1972 **(Ger)**
[Thyroid hemangioendothelioma] Besznyák I, et al.
Zentralbl Chir 98:132-4, 26 Jan 73 **(Ger)**

SURGERY

Malignant vascular tumors of liver. Adam YG, et al.
Ann Surg 175:375-83, Mar 72
Hemipelvectomy. Otter G den.
Arch Chir Neerl 24:263-9, 1972
Hemangioendothelial sarcoma of bone: the role of irradiation and tumor growth studies. Pearlman AW.
Bull Hosp Joint Dis 33:135-49, Oct 72
Solitary vascular tumour of duodenum (haemangioendothelioma and-or haemangiopericytoma). Gue S.
J R Coll Surg Edinb 18:47-51, Jan 73
Hemangioendothelioma of the penis with late appearing metastases: report of a case with review of the literature. Deutsch M, et al.
J Surg Oncol 5:27-34, 1973
Pancreatic tumour in infants. Chappell J.
S Afr J Surg 11:41, Mar 73
Personal experience with orthotopic liver transplantation. Starzl TE, et al.
Transplant Proc 4:759-71, Dec 72
[Primary liver tumors in childhood] Stauffer UG, et al.
Helv Paediatr Acta 28:239-48, Jul 73 (Eng. Abstr.) **(Ger)**
[Radiotherapy of maxillary tumors] Sala O, et al.
Monatsschr Ohrenheilkd Laryngorhinol 106:396-7, 1972 **(Ger)**
[Thyroid hemangioendothelioma] Besznyák I, et al.
Zentralbl Chir 98:132-4, 26 Jan 73 **(Ger)**
[Hemangioendothelioma of the spleen (report of two cases)] Eisen M, et al.
Zentralbl Chir 97:1467-75, 14 Oct 72 **(Ger)**
[Case of malignant primary hemangioendothelioma of the heart] Matsuyama M, et al.
Jap J Thorac Surg 26:326-30, May 73 (Eng. Abstr.) **(Jap)**
[Results of the surgical treatment of malignant liver tumors] Zhuravlev VA, et al.
Vopr Onkol 18:36-42, 1972 (Eng. Abstr.) **(Rus)**

THERAPY

Hemangioendothelioma of the penis with late appearing metastases: report of a case with review of the literature. Deutsch M, et al.
J Surg Oncol 5:27-34, 1973

VETERINARY

Incidence of spontaneous neoplasms in breeding and retired breeder BALB-cCr mice throughout the natural life span. Peters RL, et al.
Int J Cancer 10:273-82, 15 Sep 72

HEMANGIOMA

Diagnosis and treatment of spinal angiomas. Pia HW.
Acta Neurochir (Wien) 28:1-12, 1973
A case of optic disc angioma with a fluorescein angiography. Landbo K.
Acta Ophthalmol (Kbh) 50:431-5, 1972
The development of neovascularization of senile disciform macular degeneration. Teeters VW, et al.
Am J Ophthalmol 76:1-18, Jul 73
Multiple capillary hemangiomatosis. Acquired case with adult onset. Storino WD, et al.
Arch Dermatol 107:739-40, May 73
Angiomyolipoma: a rare and interesting tumour of the kidney. Tan GC, et al. **Aust NZ J Surg** 42:75-9, Aug 72
Haemangiomata of skeletal muscle. Fergusson IL.
Br J Surg 59:634-7, Aug 72
Placental tumour. Courtney LD.
Br Med J 3:769-70, 23 Sep 72
Placental haemangioma. Niven PA, et al.
Br Med J 4:233-4, 28 Oct 72
Pulmonary lymphangiomyoma with renal angiomyolipomas. Leeds SE, et al.
Calif Med 119:74-8, Aug 73
Synovial hemangioma of the knee joint. A review of previously reported cases and inclusion of two new cases. Moon NF. **Clin Orthop** 90:183-90, Jan-Feb 73
Kasabach-Merritt syndrome in an adult. Boros G, et al.
Haematologia (Budap) 7:83-96, 1973
Complications of haemangiomatoses. Kasabach-Merritt syndrome in an adult. Szilágyi G, et al.
Haematologia (Budap) 7:69-81, 1973
Giant haemangioendothelioma with purpura (Kasabach-Merrit syndrome). (A case report). Bhandari B, et al. **Indian Pediatr** 9:718-20, Nov 72
Chorioangioma of the placenta. Clinical and pathological implications. Potashnik G, et al.
Isr J Med Sci 9:904-8, Jul 73
[Fetal suffering and chorioangioma. Study of fetal cardiac rhythm. Apropos of 2 cases. Kamdom-Moyo J, et al.
J Gynecol Obstet Biol Reprod (Paris) 1:575-9, Sep 72 (Eng. Abstr.) **(Ger)**
Central hemangioma of the maxilla: case report. Weiss RC, et al. **J NJ Dent Assoc** 44:25-6, Fall 72

Central hemangioma of the maxilla. Baum SM, et al. **J Oral Surg** 30:885-92, Dec 72 (30 ref.)
Neonatal dermatology. 3. Pigmentary lesions and hemangiomas. Esterly NB, et al. **J Pediatr** 81:1003-13, Nov 72 (33 ref.)
Hemorrhagic hemangioma of gingiva: report of a case. Sznajder N, et al. **J Periodontol** 44:579-82, Sep 73
Diffuse capillary haemangioma of the stomach. Samarji WN, et al. **J R Coll Surg Edinb** 18:167-8, May 73
Diagnosis and treatment of spinal angiomas. Pia HW. **Neurol Med Chir (Tokyo)** 11:11-6, 1971
[Duplex and multiple incidence of skin hemangiomas during childhood] Vilček E, et al. **Cesk Dermatol** 48:94-6, Apr 73 (Eng. Abstr.) (Cze)
[Orbital vascular malformations (apropos of 62 cases)] Aron-Rosa DS, et al. **Ann Ocul (Paris)** 205:667-712, Jun 72 (Eng. Abstr.) (Fre)
[The nasal fossae in children. 2 pathological formations: angioma, meningocele] Muler H, et al. **Ann Otolaryngol Chir Cervicofac** 89:445-8, Jul-Aug 72 (Fre)
[Voluminous ulcerated dermohypodermic angioma of the left upper limb] Hadida E, et al. **Bull Soc Fr Dermatol Syphiligr** 79:279, 1972 (Fre)
[Primary tumors of the right ventricle. Apropos of a case of benign hemangio-endothelioma operated on with success] Delaye J, et al. **Coeur Med Interne** 11:597-605, Jul-Sep 72 (Eng. Abstr.) (Fre)
[Hemangioma of the esophagus] Gaillard de Collogny L, et al. **J Fr Otorhinolaryngol** 22:272-4, Mar 73 (Fre)
[Angiomyolipoma of the kidney having a malignant appearance] Rampal M, et al. **J Urol Nephrol (Paris)** 78:956-9, Oct-Nov 72 (Fre)
[Hemangioma of the head of the caudate nucleus (apropos of 8 operated cases)] Lapras C, et al. **Neurochirurgie** 18:471-83, Sep-Oct 72 (Eng. Abstr.) (Fre)
[A case of disseminated osseous hemangioma] Bost M, et al. **Pediatrie** 27:411-6, Jun 72 (Fre)
[A case of parotid angioma] Crépy C, et al. **Rev Stomatol Chir Maxillofac** 73:213-5, Apr-May 72 (Eng. Abstr.) (Fre)
[Hemangiolymphoma with malignant course. Apropos of a case] Duhamel G, et al. **Sem Hop Paris** 49:2233-9, 26 Jun 73 (Fre)
[Tumors and pseudo-tumoral diseases of the synovial membrane: classification and review of the literature] Poitras B, et al. **Union Med Can** 101:2690-4, Dec 72 (Eng. Abstr.) (Fre)
[Concomitant symptoms in cheilognathopalatoschisis in patients of the Thallwitz Clinic] Bethmann W, et al. **Dtsch Stomatol** 22:907-12, Dec 72 (Eng. Abstr.) (Ger)
[Diagnosis and therapy of tumors and pseudotumors of the temporomandibular joint] Luhr HG, et al. **Dtsch Zahnaerztl Z** 28:505-13, Apr 73 (Eng. Abstr.) (Ger)
[Intraosseous angioma of the temporal bone--a rare disease] Kley E. **Z Laryngol Rhinol Otol** 51:824-9, Dec 72 (Eng. Abstr.) (Ger)
[Benign vascular tumors in the oral region] Münch J. **Zahnaerztl Prax** 24:117, 2 Mar 73 (Ger)
[Hemangiomas of the oral cavity] Demetrios N, et al. **Odontiatrike** 5:250-6, Jul-Aug 72 (Eng. Abstr.) (Gre)
[Neoplasms of the gastrointestinal tract in children] Kushch NL, et al. **Vestn Khir** 110:70-4, Apr 73 (Eng. Abstr.) (Rus)
[Angioleiomyoma of the nasal septum] Timirgaleev MKh. **Vestn Otorinolaringol** 35:106, Mar-Apr 73 (Rus)
[Combination of extensive simple hypertrophic hemangioma with thrombocytopenia] Solovko AIu. **Vrach Delo** 7:86-8, Jul 72 (Rus)
[Hemangioma of the cervix. Report of a case and review of the literature] Olper Palacci R, et al. **Ginecol Obstet Mex** 32:363-73, Oct 72 (Eng. Abstr.) (Spa)

BLOOD

Hypofibrinogenemia associated with hemangioma of the liver. Martinez J, et al. **Am J Clin Pathol** 60:192-7, Aug 73
[Gas concentrations in the cerebral venous blood during operative therapy of intracranial angiomas] Roosen K, et al. **Z Neurol** 202:339-45, 1972 (Eng. Abstr.) (Ger)

CHEMICALLY INDUCED

Induction of hemangiomatous lesions with dimethyl-nitrosoamine: influence of route of administration and strain of mice. Kuwahara A, et al. **Gann** 63:499-502, Aug 72
Transplacental carcinogenesis by urethan in mice: teratogenesis and carcinogenesis in relation to organogenesis. Nomura T, et al. **Gann** 63:731-42, Dec 72
Vascular tumors in female mice after intraperitoneal injection of dimethylnitrosamine. Cardesa A, et al. **J Natl Cancer Inst** 51:201-8, Jul 73

CLASSIFICATION

[The origin and development of craniofacial angiomas in the light of embryological information] Leperchey F. **Ann Otolaryngol Chir Cervicofac** 90:45-53, Jan-Feb 73 (Eng. Abstr.) (Fre)
[Benign tumors of the bone] Cornu JC, et al. **Helv Chir Acta** 40:91-105, Mar 73 (Eng. Abstr.) (Fre)
[Rare benign, semi-malignant and malignant vascular tumours of the skin. Clinical course, histology and systemisation] Schneider W. **Munch Med Wochenschr** 114:1178-83, 23 Jun 72 (Eng. Abstr.) (Ger)

COMPLICATIONS

Diagnosis and treatment of spinal angiomas. Pia HW. **Acta Neurochir (Wien)** 28:1-12, 1973
Dye dilution technique with angiography in the investigation of renal arteriovenous shunting. Göthlin J. **Acta Radiol [Diagn] (Stockh)** 14:305-14, May 73
Hypofibrinogenemia associated with hemangioma of the liver. Martinez J, et al. **Am J Clin Pathol** 60:192-7, Aug 73
Multiple congenital defects associated with 45,XO-46,XYg- mosaicism. Surana RB, et al. **Am J Dis Child** 126:75-7, Jul 73
Giant chorioangioma. Burrows S, et al. **Am J Obstet Gynecol** 115:579-80, 15 Feb 73
Placental chorioangioma. Potashnik G, et al. **Am J Obstet Gynecol** 117:296, 15 Sep 73
Clinical and histopathologic studies of exophthalmos. Aizawa F, et al. **Ann Ophthalmol** 5:805-16, Jul 73
Dyschondroplasia and haemangiomata (Maffucci's syndrome). Report of a case with oral and intracranial lesions. Kennedy JG. **Br Dent J** 135:18-21, 3 Jul 73
Unilateral exophthalmos. Aetiological study of 85 cases. Zakharia HS, et al. **Br J Ophthalmol** 56:678-86, Sep 72
Case reports. Diffuse skeletal and hepatic hemangiomatosis. Kane RC, et al. **Calif Med** 118:41-4, Mar 73
Diagnosis of retinal detachment with B-scan ultrasound. Jack RL, et al. **Can J Ophthalmol** 8:10-8, Jan 73
Kasabach-Merritt syndrome in an adult. Boros G, et al. **Haematologia (Budap)** 7:83-96, 1973
The phakomatoses. Font RL, et al. **Int Ophthalmol Clin** 12:1-50, Spring 72 (52 ref.)
Microneurosurgical excision of an intra- and extramedullary cervical angioma. Bartal AD, et al. **Isr J Med Sci** 9:92-7, Jan 73
Chorioangioma of the placenta. Clinical and pathological implications. Potashnik G, et al. **Isr J Med Sci** 9:904-8, Jul 73
Stimulus deprivation amblyopia. Wybar K. **Isr J Med Sci** 8:1482-7, Aug-Sep 72
Haemangioma of a vertebral body treated by ligation of the segmental arteries. Report of a case. Bucknill T, et al. **J Bone Joint Surg [Br]** 55:534-9, Aug 73
Treatment of defects of the ulna in children by establishing cross-union with the radius. Lloyd-Roberts GC. **J Bone Joint Surg [Br]** 55:327-30, May 73
Small strokes in the carotid territory associated with a normal carotid arteriogram. Bradshaw P, et al. **J Neurol Neurosurg Psychiatry** 35:810-7, Dec 72
Cerebral angiomas: the sequelae of surgical treatment. Amacher AL, et al. **J Neurosurg** 37:571-5, Nov 72
Surgical treatment of spontaneous intracerebral hemorrhage. Immediate and long-term results in 250 cases. Paillas JE, et al. **J Neurosurg** 39:145-51, Aug 73
Hydrops fetalis in association with chorioangioma of the placenta. Sweet L, et al. **J Pediatr** 82:91-4, Jan 73
Intestinal hemangiomata in childhood and a syndrome

for diagnosis: a collective review. Abrahamson J, et al. **J Pediatr Surg** 8:487-95, Aug 73

Case reports. Benign hemangioendothelioma of the head of the pancreas treated by pancreaticoduodenectomy. Chappell JS. **J Pediatr Surg** 8:431-2, Jun 73

Pelvic arteriography in the diagnosis of hemangioma of the bladder. Esguerra A, et al. **J Urol** 109:609-11, Apr 73

Subglottic hemangioma in infants. Feuerstein SS. **Laryngoscope** 83:466-75, Apr 73

Recurrent hemangioma of the hand. House JH. **Minn Med** 56:367-8, May 73

Chorioangioma of the placenta. Sumathy V, et al. **Mo Med** 70:647-9 passim, Sep 73

Cryptic hemangioma of the choroid plexus. A cause of intraventricular hemorrhage. Doe FD, et al. **Neurology (Minneap)** 22:1232-9, Dec 72

Massive gastrointestinal bleeding due to hemangioma of ileum. Donato JO. **NY State J Med** 72:2786-8, 15 Nov 72

Disseminated intravascular coagulation and fetal hydrops in a newborn infant in association with a chorangioma of placenta. Jones CE, et al. **Pediatrics** 50:901-7, Dec 72

Intravascular coagulation--acute and chronic--disseminated and local. McKay DG. **Proc Inst Med Chic** 29:159-71, Sep 72 (29 ref.)

Congenital dysplastic angiectasis and related syndromes. Hockly RG. **S Afr Med J** 46:720-8, 3 Jun 72

[Paralytic sciatica due to sacral angioma treated successfully with cobalt therapy] Goulon M, et al. **Ann Med Interne (Paris)** 123:631-4, Jun-Jul 72 (Fre)

[Voluminous ulcerated dermohypodermic angioma of the left upper limb] Hadida E, et al. **Bull Soc Fr Dermatol Syphiligr** 79:279, 1972 (Fre)

[Glomangiomatosis] Texier L, et al. **Bull Soc Fr Dermatol Syphiligr** 79:510-1, 1972 (Fre)

[Hemangioma of the esophagus] Gaillard de Collogny L, et al. **J Fr Otorhinolaryngol** 22:272-4, Mar 73 (Fre)

[Angiomas of the larynx in infants: a sometimes unknown cause of severe laryngeal dyspnea] Mounier-Kuhn P, et al. **J Med Lyon** 53:1577-91, 20 Nov 72 (Fre)

[Kidney angiomyolipoma: value of renal angiography (apropos of 2 cases)] Roujeau J, et al. **J Radiol Electrol Med Nucl** 53:197-200, Feb 72 (Fre)

[Transthoracic systemopulmonary arterial communication revealed by atrophy of the hand. Preliminary note] Baillivet J, et al. **Lyon Med** 228:63-70, 10 Sep 72 (Eng. Abstr.) (Fre)

[Prolonged midbrain syndrome in a case of angiomatous malformation of the rostral brain stem. Contribution to the problem of the apallic syndrome caused by midbrain lesion] Rothemund E, et al. **Arch Psychiatr Nervenkr** 216:20-30, 1972 (Eng. Abstr.) (Ger)

[Lymphangiomyomatosis with diffuse involvement of lungs and multiple angiomyolipomas of kidneys] Pielsticker K, et al. **Beitr Pathol** 147:189-200, 1972 (Ger)

[Pathogenesis and clinical aspects of congenital thrombocytopenias] Krosse C, et al. **Kinderaerztl Prax** 40:295-300, Jul 72 (Ger)

[Perilimbal localization in a facial angiomatosis] Collier M. **Klin Monatsbl Augenheilkd** 161:464-6, Oct 72 (Eng. Abstr.) (Ger)

[Epidural angioma hemorrhage as a cause of paraplegia] Kunft HD, et al. **Nervenarzt** 43:543-5, Oct 72 (Ger)

[Significance of photographic subtraction in the angiographic diagnosis of vascular abnormalities and tumors of the neck and temporal bone] Piepgras U, et al. **Z Laryngol Rhinol Otol** 51:533-8, Aug 72 (Eng. Abstr.) (Ger)

[Tubal hemagnioma and ovarian dermoid cyst, simultaneously a contribution to the differential diagnosis of extrauterine pregnancy] Tennstedt A. **Zentralbl Gynaekol** 94:1576-9, 18 Nov 72 (Ger)

[Arteriovenous dura angiomas in the transverse sinus. Clinical symptoms, typical arterial circulation and frequent venous outflow disorders] Dichgans J, et al. **Zentralbl Neurochir** 33:1-18, 1972 (Eng. Abstr.) (Ger)

[Thrombopenias] Dioguardi N. **Minerva Med** 63:4983-96, 19 Dec 72 (Ita)

[Syndromes of disseminated intravascular coagulation-from the standpoint of internal medicine] Matsuoka M, et al. **Jap J Clin Med** 31:810-21, Apr 73 (59 ref.) (Jap)

[Syndromes of intravascular coagulation-in the field of surgery] Ninomiya K. **Jap J Clin Med** 31:822-30, Apr 73 (44 ref.) (Jap)

[Hippel-Lindau syndrome with conus medullaris glioma] Gajkowski K, et al. **Neurol Neurochir Pol** 7:443-7, May-Jun 73 (Eng. Abstr.) (Pol)

[Thrombocytopenia in a pregnant woman with giant angiomas of the skin and angioma of the right lung] Gola A, et al. **Pol Arch Med Wewn** 50:163-7, Feb 73 (Eng. Abstr.) (Pol)

[Torsion of adnexal tumor during pregnancy] Glenc F, et al. **Pol Tyg Lek** 28:61-2, 8 Jan 73 (Eng. Abstr.) (Pol)

[Hepatic hemangioma and triple bleeding gastric ulcer] Posteucă M, et al. **Rev Med Chir Soc Med Nat Iasi** 77:369-72, Apr-Jun 73 (Eng. Abstr.) (Rum)

[Pathological anatomy and pathogenesis of chronic lymphedema (elephantiasis)] Zerbino DD. **Arkh Patol** 34:17-29, 1972 (Eng. Abstr.) (Rus)

[Spontaneous perirenal hematoma caused by angiomyolipoma] Cano Ruíz A, et al. **Rev Clin Esp** 129:201-6, 30 Apr 73 (Spa)

CONGENITAL

Vascular tumors of the liver in newborns. A pediatric emergency. Leonidas JC, et al. **Am J Dis Child** 125:507-10, Apr 73

Multiple congenital defects associated with 45,XO-46,XYg- mosaicism. Surana RB, et al. **Am J Dis Child** 126:75-7, Jul 73

Congenital hemangiomas of the skin with orbital and subglottic hemangiomas. Yee RD, et al. **Am J Ophthalmol** 75:876-9, May 73

Recurrent hemangioma of the hand. House JH. **Minn Med** 56:367-8, May 73

Blood supply of developing bone and its possible bearing on malformation of the limbs and face in congenital haemangiomatous disorders. Brookes M. **Proc R Soc Med** 65:597-9, Jul 72

[Case report. Congenital neoplasms of the nose and the nasopharynx] Schweckendiek W. **HNO** 21:116-9, Apr 73 (Eng. Abstr.) (Ger)

[Perilimbal localization in a facial angiomatosis] Collier M. **Klin Monatsbl Augenheilkd** 161:464-6, Oct 72 (Eng. Abstr.) (Ger)

[Congenital sub-glottic hemangioma] Mülfay V, et al. **Otorinolaringologie** 18:299-304, Jul-Aug 73 (Eng. Abstr.) (Rum)

[Pathological anatomy and pathogenesis of chronic lymphedema (elephantiasis)] Zerbino DD. **Arkh Patol** 34:17-29, 1972 (Eng. Abstr.) (Rus)

[Psychic disorders in patients with congenital cosmetic facial defects] Matveev VF, et al. **Zh Nevropatol Psikhiatr** 73:725-30, 1973 (Eng. Abstr.) (Rus)

DIAGNOSIS

Diagnosis and treatment of spinal angiomas. Pia HW. **Acta Neurochir (Wien)** 28:1-12, 1973

A case of optic disc angioma with a fluorescein angiography. Landbo K. **Acta Ophthalmol (Kbh)** 50:431-5, 1972

Skin disorders of the newborn. Cram DL, et al. **Am Fam Physician** 7:104-13, Jun 73

Reliability of ocular and orbital diagnosis with B-scan ultrasound. 2. Orbital diagnosis. Coleman DJ. **Am J Ophthalmol** 74:704-18, Oct 72

Scanning of the hepatic blood pool in the differential diagnosis of space-occupying lesions of the liver. With emphasis on amebic abscess. Gordon F, et al. **Ann Intern Med** 78:247-50, Feb 73

High resolution B-scan ultrasonography of the orbit. II. Hemangiomas of the orbit. Coleman DJ, et al. **Arch Ophthalmol** 88:368-74, Oct 72

Lesions simulating malignant melanoma of the posterior uvea. Shields JA. **Arch Ophthalmol** 89:466-71, Jun 73

Brain scanning with a nuclear enterprises scinticamera IV. Pexman JH. **Biomed Eng** 8:16-9, Jan 73

Haemangiomata of skeletal muscle. Fergusson IL. **Br J Surg** 59:634-7, Aug 72

Malignant melanomata: an aid to preoperative diagnosis. Mackie RM. **Br J Surg** 59:632-4, Aug 72

The importance of serial angiography and subtraction for the operative indication in hemangiomas of the

facial region. Stellmach R, et al. **Dentomaxillofac Radiol** 2:1-4, 1973

Complications of haemangiomatoses. Kasabach-Merritt syndrome in an adult. Szilágyi G, et al. **Haematologia (Budap)** 7:69-81, 1973

Examination of the newborn. Paul Y. **Indian J Pediatr** 40:69-78 contd, Feb 73

Subglottic capillary haemangioma. Baruah PC. **J Indian Med Assoc** 57:145, 16 Aug 71

Intestinal hemangiomata in childhood and a syndrome for diagnosis: a collective review. Abrahamson J, et al. **J Pediatr Surg** 8:487-95, Aug 73

Pelvic arteriography in the diagnosis of hemangioma of the bladder. Esguerra A, et al. **J Urol** 109:609-11, Apr 73

Congenital arteriovenous malformation of the bladder. Rosenberg J, et al. **J Urol** 109:605-8, Apr 73

Primary neoplasms of joints. **JAMA** 224:Suppl 5:784-5, 30 Apr 73

Mulibrey nanism, an autosomal recessive syndrome with pericardial constriction. Perpheentupa J, et al. **Lancet** 2:351-5, 18 Aug 73

Subglottic hemangioma in infants. Feuerstein SS. **Laryngoscope** 83:466-75, Apr 73

Diagnosis and treatment of spinal angiomas. Pia HW. **Neurol Med Chir (Tokyo)** 11:11-6, 1971

Magnification angiography in orbital diseases. Wende S, et al. **Neuroradiology** 5:187-9, Aug 73

Combined scintigraphy with two or three radioactive compounds in the diagnosis of abdominal masses and of lacunal images of the liver scan. Runcan V, et al. **Rev Roum Med Intern** 9:107-10, 1972

Benign and malignant tumors of the colon and rectum. Ferguson EF Jr, et al. **South Med J** 65:1213-20, Oct 72

Hemangioma of the pancreas. Colardyn F, et al. **Tijdschr Gastroenterol** 15:260-7, 1972

Angiography and differential diagnosis of orbital tumours. Huber A. **Trans Ophthalmol Soc UK** 92:35-50, 1972

[Paralytic sciatica due to sacral angioma treated successfully with cobalt therapy] Goulon M, et al. **Ann Med Interne (Paris)** 123:631-4, Jun-Jul 72 **(Fre)**

[Clinical diagnostic errors in various malignant intraocular tumors] Charlin C. **Arch Ophtalmol (Paris)** 33:103-8, Feb 73 (Eng. Abstr.) **(Fre)**

[Primary tumors of the right ventricle. Apropos of a case of benign hemangio-endothelioma operated on with success] Delaye J, et al. **Coeur Med Interne** 11:597-605, Jul-Sep 72 (Eng. Abstr.) **(Fre)**

[Adrenal cysts and pseudocysts] Leger L, et al. **J Chir (Paris)** 104:107-20, Sep 72 (Eng. Abstr.) **(Fre)**

[Hemangioma of the esophagus] Gaillard de Collogny L, et al. **J Fr Otorhinolaryngol** 22:272-4, Mar 73 **(Fre)**

[Angiomas of the larynx in infants: a sometimes unknown cause of severe laryngeal dyspnea] Mounier-Kuhn P, et al. **J Med Lyon** 53:1577-91, 20 Nov 72 **(Fre)**

[Unusual radiological and anatomo-pathological aspects of a pulmonary angioma] Hermant JP, et al. **J Radiol Electrol Med Nucl** 54:283, Mar 73 **(Fre)**

[Bourneville's tuberous sclerosis. Apropos of a case with predominantly renal localization] True E, et al. **J Urol Nephrol (Paris)** 78:270-5, Mar 72 **(Fre)**

[Vascular tumor of Meckel's cavum] Papo I, et al. **Neurochirurgie** 18:371-81, Jul-Aug 72 (Eng. Abstr.) **(Fre)**

[Contribution of albumin macroaggregates to the hemodynamic study of arteriovenous angiomas] Valençak E, et al. **Neurochirurgie** 18:280-4, May-Jun 72 **(Fre)**

[Orbital scintigraphy using ferrous ascorbate labelled with technetium 99 m. Value in the diagnosis of intraorbital expansive tumors] Mamo L, et al. **Nouv Presse Med** 1:3107-10, 23 Dec 72 (Eng. Abstr.) **(Fre)**

[A case of disseminated osseous hemangioma] Bost M, et al. **Pediatrie** 27:411-6, Jun 72 **(Fre)**

[Simple test for the detection of precancerous lesions of the oral mucosa] Souyris F, et al. **Rev Odontostomatol Midi Fr** 30:114-9, 1972 **(Fre)**

[A case of parotid angioma] Crépy C, et al. **Rev Stomatol Chir Maxillofac** 73:213-5, Apr-May 72 (Eng. Abstr.) **(Fre)**

[Differential diagnosis of tumorous change in the symphysial area. II] Spranger M. **Arch Orthop Unfallchir** 73:72-9, 1972 (Eng. Abstr.) **(Ger)**

[Nevus flammeus and hemangioma] Hundeiker M, et al. **Fortschr Med** 91:855-6, 19 Jul 73 **(Ger)**

[Primary spinal tumors] Cserhati MD. **Helv Chir Acta** 40:193-7, Mar 73 **(Ger)**

[Case report on benign neoplasms of the calvarium] **Adam M. Kinderaerztl Prax** 40:555-60, Dec 72 **(Ger)**

[The cerebrovascular circulation in severe concealed cranial brain injuries (long-term observations) and in arteriovenous hemangioma] Amann E, et al. **Nucl Med (Stuttg)** 9:988-92, 1971 **(Ger)**

[Isotope studies on cerebrovascular circulation in neurosurgical diseases] Pabst HW, et al. **Nucl Med (Stuttg)** 9:993-7, 1971 **(Ger)**

[X-ray diagnosis of the orbit in the original x-ray picture] Tänzer A. **Radiologe** 12:397-402, Dec 72 **(Ger)**

[Angioleiomyomatosis of the lung] Meier-Sydow J, et al. **Verh Dtsch Ges Inn Med** 77:1118-20, 1971 **(Ger)**

[Intraosseous angioma of the temporal bone--a rare disease] Kley E. **Z Laryngol Rhinol Otol** 51:824-9, Dec 72 (Eng. Abstr.) **(Ger)**

[Significance of camera serial and late scintigraphy for the diagnosis of cerebral arteriovenous angiomas] Pohlenz O, et al. **Z Neurol** 203:31-49, 1972 (Eng. Abstr.) **(Ger)**

[Tubal hemagnioma and ovarian dermoid cyst, simultaneously a contribution to the differential diagnosis of extrauterine pregnancy] Tennstedt A. **Zentralbl Gynaekol** 94:1576-9, 18 Nov 72 **(Ger)**

[Case of racemose hemangioma of the retina] Chrzanowska-Srzednicka K, et al. **Klin Oczna** 43:723-6, Jun 73 (Eng. Abstr.) **(Pol)**

[Liver scanning following radical resections] Zhuravlev VA, et al. **Med Radiol (Mosk)** 16:7-9, Nov 71 (Eng. Abstr.) **(Rus)**

[Rheography of the healthy and pathological orbit] Buĭko AS. **Oftalmol Zh** 27:271-5, 1972 (Eng. Abstr.) **(Rus)**

[Microangiomas of the basal structures of the brain] Petr R. **Vopr Neirokhir** 37:11-2, Mar-Apr 73 (Eng. Abstr.) **(Rus)**

[Some problems in the diagnosis and treatment of cystic formations of the neck] Aĭrapetian MKh, et al. **Zh Eksp Klin Med** 13:51-5, 1973 **(Rus)**

[Puncture-cytologic diagnosis of liver tumors] Gazarian ES, et al. **Zh Eksp Klin Med** 11:66-72, 1971 **(Rus)**

DRUG THERAPY

Subglottic hemangioma of the larynx treated with steroid therapy. Overcash KE, et al. **Laryngoscope** 83:679-82, May 73

The nonoperative treatment of surgical conditions in children. Ravitch MM. **Pediatrics** 57:435-53, Mar 73

The limitations of corticosteroids and cryotherapy for subglottic hemangioma. Schechter GL, et al. **Trans Am Acad Ophthalmol Otolaryngol** 76:1360-2, Sep-Oct 72

The non-surgical treatment of benign vascular lesions of soft tissue. Bell RH. **Trans Congr Int Assoc Oral Surg** 4:53-4, 1973

[Voluminous ulcerated dermohypodermic angioma of the left upper limb] Hadida E, et al. **Bull Soc Fr Dermatol Syphiligr** 79:279, 1972 **(Fre)**

[Corticosteroid therapy of aggressively growing hemagiomas in infancy] Gebhart W, et al. **Hautarzt** 23:409-13, Sep 72 **(Ger)**

[Corticoids in hemangiomas] Nasemann T. **Hautarzt** 24:318, Jul 73 **(Ger)**

[Treatment of hemangioma in childhood by injections] Fischer H. **Z Allgemeinmed** 49:57-9, 20 Jan 73 **(Ger)**

[Hemangiomas of oral cavity and their treatment] Zagalski J. **Czas Stomatol** 25:729-34, 1972 (Eng. Abstr.) **(Pol)**

[Hemorrhagic angioma of lungs] Mazurek A, et al. **Przegl Lek** 29:712-4, 1972 **(Pol)**

EMBRYOLOGY

[The origin and development of craniofacial angiomas in the light of embryological information] Leperchey F. **Ann Otolaryngol Chir Cervicofac** 90:45-53, Jan-Feb 73 (Eng. Abstr.) **(Fre)**

[Hemangiolymphoma with malignant course. Apropos of a case] Duhamel G, et al. **Sem Hop Paris** 49:2233-9, 26 Jun 73 **(Fre)**

ENZYMOLOGY

[Diagnostic significance of LDH and its isoenzyme determination in intracranial processes] Gobiet W. Z Neurol 202:247-50, 1972 (Eng. Abstr.) (Ger)

ETIOLOGY

The evolution of cutis marmorata into naevus anaemicus. Nurse DS. Br J Dermatol 88:204-5, Feb 73
Studies on the influence of ultraviolet light on initiation in skin tumorigenesis. Stenback F, et al. J Invest Dermatol 61:101-4, Aug 73
Renal angiomyolipoma in an adolescent: a case report. Bernie JE. J Urol 109:492-4, Mar 73
[The origin and development of craniofacial angiomas in the light of embryological information] Leperchey F.
Ann Otolaryngol Chir Cervicofac 90:45-53, Jan-Feb 73 (Eng. Abstr.) (Fre)
[Hemangioma of the esophagus] Gaillard de Collogny L, et al. J Fr Otorhinolaryngol 22:272-4, Mar 73 (Fre)

FAMILIAL & GENETIC

[Hemorrhagic angioma of lungs] Mazurek A, et al. Przegl Lek 29:712-4, 1972 (Pol)

METABOLISM

Release of fibrinolytic activators from human tumours cultured in vitro. Björlin G, et al. Experientia 28:833-4, 15 Jul 72

OCCURRENCE

Incidence of tumors in the nervous system in Hong Kong. Wen HL, et al. Int Surg 58:555-6, Aug 73
Polypoid lesions of the large bowel in children. Louw JH. S Afr Med J 46:1347-52, 16 Sep 72
The ten most common types of brain tumor. Zimmerman HM. Semin Roentgenol 6:48-58, Jan 71

PATHOLOGY

Diagnosis and treatment of spinal angiomas. Pia HW. Acta Neurochir (Wien) 28:1-12, 1973
The role of the placenta in fetal and perinatal pathology. Highlights of an eight months' study. Altshuler G, et al.
Am J Obstet Gynecol 113:616-26, 1 Jul 72
Giant chorioangioma. Burrows S, et al.
Am J Obstet Gynecol 115:579-80, 15 Feb 73
Arteriovenous communications of the retina. Archer DB, et al. Am J Ophthalmol 75:224-41, Feb 73
Congenital hemangiomas of the skin with orbital and subglottic hemangiomas. Yee RD, et al.
Am J Ophthalmol 75:876-9, May 73
Clinical and histopathologic studies of exophthalmos. Aizawa F, et al. Ann Ophthalmol 5:805-16, Jul 73
Multiple capillary hemangiomatosis. Acquired case with adult onset. Storino WD, et al.
Arch Dermatol 107:739-40, May 73
Angiomyolipoma: a rare and interesting tumour of the kidney. Tan GC, et al. Aust NZ J Surg 42:75-9, Aug 72
Haemangiomata of skeletal muscle. Fergusson IL.
Br J Surg 59:634-7, Aug 72
Placental tumour. Courtney LD.
Br Med J 3:769-70, 23 Sep 72
Case reports. Diffuse skeletal and hepatic hemangiomatosis. Kane RC, et al.
Calif Med 118:41-4, Mar 73
Induction of hemangiomatous lesions with dimethyl-nitrosoamine: influence of route of administration and strain of mice. Kuwahara A, et al. Gann 63:499-502, Aug 72
Hemangiomas of the iris and ciliary body. Do they exist? A search for a histologically proved case. Ferry AP. Int Ophthalmol Clin 12:177-94, Spring 72 (18 ref.)
Chorioangioma of the placenta. Clinical and pathological implications. Potashnik G, et al.
Isr J Med Sci 9:904-8, Jul 73
Skeletal muscle haemangioma. An unusual case and a short review of the literature. Chauhan ND, et al.
J Ir Med Assoc 66:291-3, 9 Jun 73
Central hemangioma of the maxilla. Baum SM, et al.
J Oral Surg 30:885-92, Dec 72 (30 ref.)
Hydrops fetalis in association with chorioangioma of the placenta. Sweet L, et al. J Pediatr 82:91-4, Jan 73
Diffuse capillary haemangioma of the stomach. Samarji WN, et al. J R Coll Surg Edinb 18:167-8, May 73
Pelvic arteriography in the diagnosis of hemangioma of the bladder. Esguerra A, et al. J Urol 109:609-11, Apr 73
Subglottic hemangioma of the larynx treated with steroid therapy. Overcash KE, et al.
Laryngoscope 83:679-82, May 73
Chorioangioma of the placenta. Sumathy V, et al.
Mo Med 70:647-9 passim, Sep 73
Cryptic hemangioma of the choroid plexus. A cause of intraventricular hemorrhage. Doe FD, et al.
Neurology (Minneap) 22:1232-9, Dec 72
Calvarial hemangioma. The value of selective external carotid angiography in surgical excision of the lesion. Schneider RC, et al.
Neurology (Minneap) 23:352-6, Apr 73
Massive gastrointestinal bleeding due to hemangioma of ileum. Donato JO.
NY State J Med 72:2786-8, 15 Nov 72
Disseminated intravascular coagulation and fetal hydrops in a newborn infant in association with a chorangioma of placenta. Jones CE, et al.
Pediatrics 50:901-7, Dec 72
Dark, localized discolorations in the oral mucous membrane. A histopathologic and microradiographic study. Anneroth G, et al.
Sven Tandlak Tidskr 66:271-80, May 73
[2 cases of chorioangioma, in 1 case in combination with fetal hydropsy] Peychl L.
Cas Lek Cesk 111:964, 6 Oct 72 (Cze)
[Electron microscopy of angiomas] Bednář B, et al.
Cesk Patol 8:131-7, Aug 72 (Eng. Abstr.) (Cze)
[Stauffer's syndrome: reversible hepatic dysfunction in a patient with hypernephroma] Souadjian JV, et al.
Can Med Assoc J 105:394-6, 21 Aug 71 (Eng. Abstr.) (Fre)
[Adrenal cysts and pseudocysts] Leger L, et al.
J Chir (Paris) 104:107-20, Sep 72 (Eng. Abstr.) (Fre)
[Hemangioma of the esophagus] Gaillard de Collogny L, et al. J Fr Otorhinolaryngol 22:272-4, Mar 73 (Fre)
[Unusual radiological and anatomo-pathological aspects of a pulmonary angioma] Hermant JP, et al.
J Radiol Electrol Med Nucl 54:283, Mar 73 (Fre)
[Kidney angiomyolipoma: value of renal angiography (apropos of 2 cases)] Roujeau J, et al.
J Radiol Electrol Med Nucl 53:197-200, Feb 72 (Fre)
[Angiomyolipoma of the kidney having a malignant appearance] Rampal M, et al.
J Urol Nephrol (Paris) 78:956-9, Oct-Nov 72 (Fre)
[Angiomyolipoma of the kidney. Radiological aspect (apropos of a case treated by partial nephrectomy)] Rometti A, et al.
J Urol Nephrol (Paris) 78:953-6, Oct-Nov 72 (Fre)
[Hemangioma of the head of the caudate nucleus (apropos of 8 operated cases)] Lapras C, et al.
Neurochirurgie 18:471-83, Sep-Oct 72 (Eng. Abstr.) (Fre)
[A case of disseminated osseous hemangioma] Bost M, et al. Pediatrie 27:411-6, Jun 72 (Fre)
[Benign vascular tumors of the mandible. 2 cases of hemangioma and aneuriysmal cysts] Brocheriou C, et al.
Rev Port Estomatol Cir Maxilofac 12:37-43, Jul-Dec 71 (Fre)
[A case of parotid angioma] Crépy C, et al.
Rev Stomatol Chir Maxillofac 73:213-5, Apr-May 72 (Eng. Abstr.) (Fre)
[Hemangiolymphoma with malignant course. Apropos of a case] Duhamel G, et al.
Sem Hop Paris 49:2233-9, 26 Jun 73 (Fre)
[Prolonged midbrain syndrome in a case of angiomatous malformation of the rostral brain stem. Contribution to the problem of the apallic syndrome caused by midbrain lesion] Rothemund E, et al.
Arch Psychiatr Nervenkr 216:20-30, 1972 (Eng. Abstr.) (Ger)
[Lymphangiomyomatosis with diffuse involvement of lungs and multiple angiomyolipomas of kidneys] Pielsticker K, et al.
Beitr Pathol 147:189-200, 1972 (Ger)
[Morphology of benign and malign rectal tumors] Holle G, et al.
Dtsch Z Verdau Stoffwechselkr 32:217-28, 1972 (Ger)
[Hemangioma of the human breast. Pathological histology of the breast. VI] Hamperl H.
Geburtshilfe Frauenheilkd 33:13-7, Jan 73 (Eng. Abstr.) (Ger)
[Intraosseous angioma of the temporal bone--a rare disease] Kley E.

Z Laryngol Rhinol Otol 51:824-9, Dec 72 (Eng. Abstr.) (Ger)
[Tubal hemagnioma and ovarian dermoid cyst, simultaneously a contribution to the differential diagnosis of extrauterine pregnancy] Tennstedt A. Zentralbl Gynaekol 94:1576-9, 18 Nov 72 (Ger)
[Electron microscopic study of strawberry mark] Takeuchi K.
Jap J Dermatol [A] 82:495-510, Aug 72 (Jap)
[Morphogenetic patterns of the lymphatic and vascular systems of the skin] Satiukova GS, et al.
Arkh Anat Gistol Embriol 63:21-7, Sep 72 (Eng. Abstr.) (Rus)
[Intramuscular angioma] Smol'iannikov AV.
Arkh Patol 35:67-8, 1973 (Rus)
[Skin hemangioma] Alperovich BG, et al.
Vestn Dermatol Venerol 46:64-7, Nov 72 (Eng. Abstr.) (Rus)
[Hemangioma of the paranasal sinuses] Stojanović S, et al. Med Pregl 25:299-301, 1972 (Eng. Abstr.) (Ser)

RADIOGRAPHY

Dye dilution technique with angiography in the investigation of renal arteriovenous shunting. Göthlin J. Acta Radiol [Diagn] (Stockh) 14:305-14, May 73
Renal angiography in patients with hematuria. Jonsson K.
Am J Roentgenol Radium Ther Nucl Med 116:758-65, Dec 72
Arteriographic findings of focal nodular hyperplasia of the liver and review of the literature. McMullen CT, et al.
Am J Roentgenol Radium Ther Nucl Med 117:380-7, Feb 73
Fluorescein angiography of metastatic choroidal tumors. Davis DL, et al.
Arch Ophthalmol 89:97-9, Feb 73
Roentgen diagnosis vs visual field. Huber A.
Arch Ophthalmol 90:1-12, Jul 73
Renal angiomyolipoma. Hendricks ED.
Arch Surg 106:728-9, May 73
Angiomyolipoma: a rare and interesting tumour of the kidney. Tan GC, et al. Aust NZ J Surg 42:75-9, Aug 72
Haemangiomata of skeletal muscle. Fergusson IL.
Br J Surg 59:634-7, Aug 72
Case reports. Diffuse skeletal and hepatic hemangiomatosis. Kane RC, et al.
Calif Med 118:41-4, Mar 73
Synovial hemangioma of the knee joint. A review of previously reported cases and inclusion of two new cases. Moon NF. Clin Orthop 90:183-90, Jan-Feb 73
Errors in the diagnosis of Wilms' tumors. Shackelford GD, et al.
CRC Crit Rev Radiol Sci 3:171-96, Apr 72 (65 ref.)
Microneurosurgical excision of an intra- and extramedullary cervical angioma. Bartal AD, et al.
Isr J Med Sci 9:92-7, Jan 73
Selective spinal angiography in multiple CNS lesions. Dilenge D, et al. J Can Assoc Radiol 24:178-83, Jun 73
Haemangioma of the knee joint. Doig RL, et al.
J Cardiovasc Surg (Torino) 13:620-2, Nov-Dec 72
Angiography of the spinal cord. A review of contemporary techniques and applications. Di Chiro G, et al. J Neurosurg 39:1-29, Jul 73 (132 ref.)
Central hemangioma of the maxilla. Baum SM, et al.
J Oral Surg 30:885-92, Dec 72 (30 ref.)
Renal angiomyolipoma in an adolescent: a case report. Bernie JE. J Urol 109:492-4, Mar 73
Pelvic arteriography in the diagnosis of hemangioma of the bladder. Esguerra A, et al. J Urol 109:609-11, Apr 73
A radiographic clue to the diagnosis of hemangioma of the kidney. Summers JL, et al. J Urol 108:852-3, Dec 72
Diagnosis and treatment of spinal angiomas. Pia HW.
Neurol Med Chir (Tokyo) 11:11-6, 1971
Calvarial hemangioma. The value of selective external carotid angiography in surgical excision of the lesion. Schneider RC, et al.
Neurology (Minneap) 23:352-6, Apr 73
Angiographic recognition of cerebral metastases via the external carotid artery in the presence of occlusion of the internal carotid artery. Klausberger EM, et al. Neuroradiology 4:60-2, Jun 72
Nonspecificity of abnormal vascularity in the angiographic diagnosis of malignant neoplasms. Viamonte M Jr, et al. Radiology 106:59-63, Jan 73
Haemangioma of the liver: an unusual radiographic presentation simulating a gallbladder tumour. Miller HL, et al. S Afr Med J 46:1964-6, 16 Dec 72
Tumors of the soft tissues of the extremities. Cavanagh RC. Semin Roentgenol 8:73-89, Jan 73
Polypoid lesions of the stomach. Marshak RH, et al. Semin Roentgenol 6:151-67, Apr 71
Localized lesions of the stomach in children. Singleton EB, et al. Semin Roentgenol 6:220-34, Apr 71
Mediastinal tumors and cysts in the pediatric patient. Whittaker LD Jr, et al.
Surg Clin North Am 53:893-904, Aug 73
Duodenectomy with reimplantation of the papilla into the jejunum as a treatment for benign duodenal lesions. Kavlie H, et al. Surgery 73:230-3, Feb 73
[Differential diagnosis of smooth tumorous formations in the larynx] Bohutová J.
Cesk Radiol 27:22-8, Jan 73 (Eng. Abstr.) (Cze)
[Radiologic aspects of benign tumors of the stomach] Rousseau J, et al.
Ann Radiol (Paris) 16:49-56, Jan-Feb 73 (Eng. Abstr.) (Fre)
[Familial multiple glomangiomatosis. Phlebographic record] Baran MR.
Bull Soc Fr Dermatol Syphiligr 79:94-7, 1972 (Fre)
[Unusual radiological and anatomo-pathological aspects of a pulmonary angioma] Hermant JP, et al.
J Radiol Electrol Med Nucl 54:283, Mar 73 (Fre)
[Angiomyolipoma of the kidney, manifesting Bourneville's sclerosis] Kasbarian M, et al.
J Radiol Electrol Med Nucl 53:897-8, Dec 72 (Fre)
[Kidney angiomyolipoma: value of renal angiography (apropos of 2 cases)] Roujeau J, et al.
J Radiol Electrol Med Nucl 53:197-200, Feb 72 (Fre)
[Angiomyolipoma of the kidney. Radiological aspect (apropos of a case treated by partial nephrectomy)] Rometti A, et al.
J Urol Nephrol (Paris) 78:953-6, Oct-Nov 72 (Fre)
[Hemangioma of the head of the caudate nucleus (apropos of 8 operated cases)] Lapras C, et al.
Neurochirurgie 18:471-83, Sep-Oct 72 (Eng. Abstr.) (Fre)
[A case of disseminated osseous hemangioma] Bost M, et al. Pediatrie 27:411-6, Jun 72 (Fre)
[Indications and results of arteriography in the study of vascular malformations] Malan E, et al.
Phlebologie 25:183-8, Apr-Jun 72 (Fre)
[Equidensities with chromogenic development in angiography] Graunthoff HJ, et al.
Fortschr Geb Roentgenstr Nuklearmed 117:462-6, Oct 72 (Eng. Abstr.) (Ger)
[Differential diagnosis of hypervascularized kidney tumors] Härtel M, et al.
Fortschr Geb Roentgenstr Nuklearmed 118:498-506, May 73 (Eng. Abstr.) (Ger)
[The differential diagnosis of benign, solitary defects in the calvarium] Peeters FL.
Fortschr Geb Roentgenstr Nuklearmed 117:625-9, Dec 72 (Eng. Abstr.) (Ger)
[Benign laryngeal diseases in the tomogram] Poser H, et al.
Fortschr Geb Roentgenstr Nuklearmed 118:1-15, Jan 73 (Eng. Abstr.) (Ger)
[Epidural angioma hemorrhage as a cause of paraplegia] Kunft HD, et al.
Nervenarzt 43:543-5, Oct 72 (Ger)
[X-ray diagnosis of the orbit in the original x-ray picture] Tänzer A. Radiologe 12:397-402, Dec 72 (Ger)
[Intraosseous angioma of the temporal bone--a rare disease] Kley E.
Z Laryngol Rhinol Otol 51:824-9, Dec 72 (Eng. Abstr.) (Ger)
[Significance of photographic subtraction in the angiographic diagnosis of vascular abnormalities and tumors of the neck and temporal bone] Piepgras U, et al.
Z Laryngol Rhinol Otol 51:533-8, Aug 72 (Eng. Abstr.) (Ger)
[Significance of camera serial and late scintigraphy for the diagnosis of cerebral arteriovenous angiomas] Pohlenz O, et al.
Z Neurol 203:31-49, 1972 (Eng. Abstr.) (Ger)
[Racemous kidney angioma] Ochsenschläger A, et al.
Z Urol Nephrol 66:215-9, Mar 73 (Ger)
[Arteriovenous dura angiomas in the transverse sinus. Clinical symptoms, typical arterial circulation and frequent venous outflow disorders] Dichgans J, et al.
Zentralbl Neurochir 33:1-18, 1972 (Eng. Abstr.) (Ger)
[Hemangiomas in the soft tissues of extracranial portion of head] Suzuki S, et al.
Nippon Acta Radiol 32:723-34, Dec 72 (Eng. Abstr.) (Jap)
[Facial angiography in neoplasms of the ear, nose and

throat] Pogosov VS, et al.
Vestn Otorinolaringol 34:62-8, Jul-May 73 (Eng. Abstr.) (Rus)
[Non-epithelial benign tumors of the small intestine] Antonovich VB, et al.
Vestn Rentgenol Radiol 46:29-34, May-Jun 71 (Eng. Abstr.) (Rus)
[Hemangioma of the ulnar process] Grushlavskiĭ GL.
Vestn Rentgenol Radiol 47:89-90, Jul-Aug 72 (Rus)
[X-ray diagnosis of hemangiomas of bones] Arustamian SA. **Zh Eksp Klin Med** 11:82-9, 1971 (Rus)
[Hemangioma of the paranasal sinuses] Stojanović S, et al. **Med Pregl** 25:299-301, 1972 (Eng. Abstr.) (Ser)

RADIOTHERAPY

Mammary hypoplasia following irradiation to an infant breast. Case report. Skalkeas G, et al.
Acta Chir Plast (Praha) 14:240-3, 1972
The use of ketamine hydrochloride anaesthesia for radiotherapy in young children. Bennett JA, et al.
Br J Anaesth 45:197-201, Feb 73
Synovial hemangioma of the knee joint. A review of previously reported cases and inclusion of two new cases. Moon NF. **Clin Orthop** 90:183-90, Jan-Feb 73
Central hemangioma of the maxilla. Baum SM, et al.
J Oral Surg 30:885-92, Dec 72 (30 ref.)
Local radiation injury and its surgical treatment. Report of 170 cases. Holmström H, et al.
Scand J Plast Reconstr Surg 6:156-64, 1972
[Paralytic sciatica due to sacral angioma treated successfully with cobalt therapy] Goulon M, et al.
Ann Med Interne (Paris) 123:631-4, Jun-Jul 72 (Fre)
[Treatment of flat angiomas with phosphorus 32. Report of a 14-year experience] Georges F, et al.
Bull Soc Fr Dermatol Syphiligr 79:180-3, 1972 (Fre)
[Radiation therapy of the Kasabach-Merritt syndrome] Riedl P, et al.
Fortschr Geb Roentgenstr Nuklearmed 119:119-22, Jul 73 (Eng. Abstr.) (Ger)
[Nevus flammeus and hemangioma] Hundeiker M, et al.
Fortschr Med 91:855-6, 19 Jul 73 (Ger)
[Irradiation methods in the region of the eye] Frössler H, et al. **Roentgenpraxis** 25:161-8, Jul 72 (Ger)
[Radiation treatment of hemangioma in childhood] Born W. **Z Allgemeinmed** 49:51-6, 20 Jan 73 (Ger)
[Discussion comment on the paper of Olivari N. and Schrudde J.: treatment of hemangioma in childhood--surgical therapy. This Journal 2(1973) p. 60] Olivari N, et al.
Z Allgemeinmed 49:895-7, 30 Jun 73 (Ger)
[Skeletal growth disorders following radiotherapy and their treatment] Schulitz KP, et al.
Z Orthop 111:249-57, Jun 73 (Eng. Abstr.) (Ger)
[Breast gemmangioma] Schneider S, et al.
Zentralbl Chir 98:97-100, 19 Jan 73 (Ger)
[Pediatric aspects of the treatment of hemangioma of the skin] Dorogi J, et al.
Orv Hetil 113:2522-5, 15 Oct 72 (Hun)
[Late sequelae of short distance roentgen therapy of hemangiomas in children] Podliashchuk EL, et al.
Med Radiol (Mosk) 17:41-8, Sep 72 (Eng. Abstr.) (Rus)
[Development of angiosarcoma of the temporal region following x-ray therapy of a hemangioma] Podliashuk EL.
Med Radiol (Mosk) 17:26-30, May 72 (Eng. Abstr.) (Rus)
[Iatrogenic radiation sickness] Oprisiu C.
An Esp Odontoestomatol 32:35-40, Jan-Feb 73 (Spa)
[Radiotherapy of hemangioma in the childhood] Vilček E, et al.
Cas Lek Cesk 111:1097-101, 17 Oct 72 (Eng. Abstr.) (Slo)

SURGERY

Diagnosis and treatment of spinal angiomas. Pia HW.
Acta Neurochir (Wien) 28:1-12, 1973
Renal angiomyolipoma. Hendricks ED.
Arch Surg 106:728-9, May 73
Hepatic surgery: a review of a personal series of 95 major resections. Balasegaram M.
Aust NZ J Surg 42:1-10, Aug 72
Angiomyolipoma: a rare and interesting tumour of the kidney. Tan GC, et al. **Aust NZ J Surg** 42:75-9, Aug 72
Haemangiomata of skeletal muscle. Fergusson IL.
Br J Surg 59:634-7, Aug 72
Synovial hemangioma of the knee joint. A review of previously reported cases and inclusion of two new cases. Moon NF. **Clin Orthop** 90:183-90, Jan-Feb 73
Microneurosurgical excision of an intra- and extramedullary cervical angioma. Bartal AD, et al.
Isr J Med Sci 9:92-7, Jan 73
Haemangioma of a vertebral body treated by ligation of the segmental arteries. Report of a case. Bucknill T, et al. **J Bone Joint Surg** [Br] 55:534-9, Aug 73
Haemangioma of the knee joint. Doig RL, et al.
J Cardiovasc Surg (Torino) 13:620-2, Nov-Dec 72
Skeletal muscle haemangioma. An unusual case and a short review of the literature. Chauhan ND, et al.
J Ir Med Assoc 66:291-3, 9 Jun 73
Cerebral angiomas: the sequelae of surgical treatment. Amacher AL, et al. **J Neurosurg** 37:571-5, Nov 72
Central hemangioma of the maxilla. Baum SM, et al.
J Oral Surg 30:885-92, Dec 72 (30 ref.)
Intestinal hemangiomata in childhood and a syndrome for diagnosis: a collective review. Abrahamson J, et al.
J Pediatr Surg 8:487-95, Aug 73
Case reports. Benign hemangioendothelioma of the head of the pancreas treated by pancreaticoduodenectomy. Chappell JS.
J Pediatr Surg 8:431-2, Jun 73
Use of polyethylene in cranial implants. Polisar RS, et al. **J Prosthet Dent** 29:310-6, Mar 73
Haemangioma of the mandible. Gill W, et al.
J R Coll Surg Edinb 18:52-7, Jan 73
Diffuse capillary haemangioma of the stomach. Samarji WN, et al. **J R Coll Surg Edinb** 18:167-8, May 73
Subglottic hemangioma in infants. Feuerstein SS.
Laryngoscope 83:466-75, Apr 73
Management of the pediatric surgical patient. Buntain WL, et al. **Mayo Clin Proc** 47:654-80, Sep 72 (61 ref.)
Diagnosis and treatment of spinal angiomas. Pia HW.
Neurol Med Chir (Tokyo) 11:11-6, 1971
Calvarial hemangioma. The value of selective external carotid angiography in surgical excision of the lesion. Schneider RC, et al.
Neurology (Minneap) 23:352-6, Apr 73
Haemangioma of the liver: an unusual radiographic presentation simulating a gallbladder tumour. Miller HL, et al. **S Afr Med J** 46:1964-6, 16 Dec 72
Local radiation injury and its surgical treatment. Report of 170 cases. Holmström H, et al.
Scand J Plast Reconstr Surg 6:156-64, 1972
Mediastinal tumours. Surgical treatment in forty-five consecutive cases. Vidne B, et al.
Scand J Thorac Cardiovasc Surg 7:59-65, 1973
Duodenectomy with reimplantation of the papilla into the jejunum as a treatment for benign duodenal lesions. Kavlie H, et al. **Surgery** 73:230-3, Feb 73
[Paralytic sciatica due to sacral angioma treated successfully with cobalt therapy] Goulon M, et al.
Ann Med Interne (Paris) 123:631-4, Jun-Jul 72 (Fre)
[Orbital vascular malformations (apropos of 62 cases)] Aron-Rosa DS, et al.
Ann Ocul (Paris) 205:667-712, Jun 72 (Eng. Abstr.) (Fre)
[The nasal fossae in children. 2 pathological formations: angioma, meningocele] Muler H, et al.
Ann Otolaryngol Chir Cervicofac 89:445-8, Jul-Aug 72 (Fre)
[Recurrent multiple angiomas] Kalis B, et al.
Bull Soc Fr Dermatol Syphiligr 79:205, 1972 (Fre)
[Extensive hemangioma of the liver treated by elective intra-hilar suture of the artery] Carabalona P, et al.
Chirurgie 98:757-63, 13 Dec 73 (Eng. Abstr.) (Fre)
[Primary tumors of the right ventricle. Apropos of a case of benign hemangio-endothelioma operated on with success] Delaye J, et al.
Coeur Med Interne 11:597-605, Jul-Sep 72 (Eng. Abstr.) (Fre)
[Hepatic artery ligation and liver disarterialization] Couinaud C.
J Chir (Paris) 104:7-22, Jul-Aug 72 (Eng. Abstr.) (Fre)
[Adrenal cysts and pseudocysts] Leger L, et al.
J Chir (Paris) 104:107-20, Sep 72 (Eng. Abstr.) (Fre)
[Angiomyolipoma of the kidney having a malignant appearance] Rampal M, et al.
J Urol Nephrol (Paris) 78:956-9, Oct-Nov 72 (Fre)
[Angiomyolipoma of the kidney. Radiological aspect (apropos of a case treated by partial nephrectomy)] Rometti A, et al.
J Urol Nephrol (Paris) 78:953-6, Oct-Nov 72 (Fre)
[Hemangioma of the head of the caudate nucleus (apropos of 8 operated cases)] Lapras C, et al.
Neurochirurgie 18:471-83, Sep-Oct 72 (Eng. Abstr.) (Fre)
[Topographic study of visual evoked responses in a case of occipital lobectomy] Chain F, et al.
Rev Neurol (Paris) 126:372-8, May 72 (Fre)

[A case of parotid angioma] Crépy C, et al.
Rev Stomatol Chir Maxillofac 73:213-5, Apr-May 72 (Eng. Abstr.) **(Fre)**
[Corticoids in hemangiomas] Nasemann T.
Hautarzt 24:318, Jul 73 **(Ger)**
[Possibilities and limitations of a surgical outpatient clinic] Fogarasi D, et al.
Wien Med Wochenschr 123:Suppl 4:3-11, 1973 **(Ger)**
[Discussion comment on the paper of Olivari N. and Schrudde J.: treatment of hemangioma in childhood--surgical therapy. This Journal 2(1973) p. 60] Olivari N, et al.
Z Allgemeinmed 49:895-7, 30 Jun 73 **(Ger)**
[Treatment of hemangioma in childhood-surgical therapy] Olivari N, et al.
Z Allgemeinmed 49:60-3, 20 Jan 73 **(Ger)**
[Intraosseous angioma of the temporal bone--a rare disease] Kley E.
Z Laryngol Rhinol Otol 51:824-9, Dec 72 (Eng. Abstr.) **(Ger)**
[Gas concentrations in the cerebral venous blood during operative therapy of intracranial angiomas] Roosen K, et al.
Z Neurol 202:339-45, 1972 (Eng. Abstr.) **(Ger)**
[Breast gemmangioma] Schneider S, et al.
Zentralbl Chir 98:97-100, 19 Jan 73 **(Ger)**
[Pediatric aspects of the treatment of hemangioma of the skin] Dorogi J, et al.
Orv Hetil 113:2522-5, 15 Oct 72 **(Hun)**
[Our experience in the treatment of parotid gland neoplasms] Catania VC.
Minerva Chir 26:1422-8, 31 Dec 71 **(Ita)**
[Successful treatment of mediastinal arterio-venous fistula] Goto T, et al.
Jap J Thorac Surg 25:665-8, Sep 72 (Eng. Abstr.) **(Jap)**
[Vulvar hemangioma in girls] Urbanowicz W.
Ginekol Pol 44:687-91, Jun 73 (Eng. Abstr.) **(Pol)**
[Cryosurgery in treatment of hemangiomas] Jarząb G.
Pol Tyg Lek 27:2025-8, 18 Dec 72 (Eng. Abstr.) **(Pol)**
[Hepatic hemangioma and triple bleeding gastric ulcer] Posteucă M, et al.
Rev Med Chir Soc Med Nat Iasi 77:369-72, Apr-Jun 73 (Eng. Abstr.) **(Rum)**
[Liver scanning following radical resections] Zhuravlev VA, et al.
Med Radiol (Mosk) 16:7-9, Nov 71 (Eng. Abstr.) **(Rus)**
[Treatment of benign tumors of the urethra in women] Khokhlachev NP.
Urol Nefrol (Mosk) 37:56-7, Nov-Dec 72 **(Rus)**
[Microangiomas of the basal structures of the brain] Petr R.
Vopr Neirokhir 37:11-2, Mar-Apr 73 (Eng. Abstr.) **(Rus)**
[Concepts and realities in hepato-biliary surgery] De Miguel J.
Rev Esp Enferm Apar Dig 38:817-28, 1 Dec 72 **(Spa)**

THERAPY

Kasabach-Merritt syndrome in an adult. Boros G, et al.
Haematologia (Budap) 7:83-96, 1973
Central hemangioma of the maxilla. Baum SM, et al.
J Oral Surg 30:885-92, Dec 72 (30 ref.)
Treatment of facial hemangioma by intravascular embolization with silicone spheres. Case report. Longacre JJ, et al.
Plast Reconstr Surg 50:618-21, Dec 72
The limitations of corticosteroids and cryotherapy for subglottic hemangioma. Schechter GL, et al.
Trans Am Acad Ophthalmol Otolaryngol 76:1360-2, Sep-Oct 72
[Angiomas of the larynx in infants: a sometimes unknown cause of severe laryngeal dyspnea] Mounier-Kuhn P, et al.
J Med Lyon 53:1577-91, 20 Nov 72 **(Fre)**
[Embolization in vascular neuroradiology. Technic and indications apropos of 30 cases] Djindjian R, et al.
Nouv Presse Med 1:2153-8, 23 Sep 72 (Eng. Abstr.) **(Fre)**
[Physical therapeutic technics] Grosse M.
Arch Dermatol Forsch 244:161-5, 1972 **(Ger)**
[Therapy of skin and venereal diseases. Literature review 1970-71]
Dtsch Med J 23:xvii-xxix contd, 10 Jun 72 **(Ger)**
[Pediatric aspects of the treatment of hemangioma of the skin] Dorogi J, et al.
Orv Hetil 113:2522-5, 15 Oct 72 **(Hun)**
[Treatment of simple hypertrophic hemangiomas of the skin] Solovki AIu. **Vopr Onkol** 18:83-4, 1972 **(Rus)**

VETERINARY

Tumors in nonhuman primates: observations during a six-year period in the Yerkes primate center colony. McClure HM. **Am J Phys Anthropol** 38:425-9, Mar 73
Hemangioma of the scrotum in a Chester White boar. Szczech GM, et al. **Can Vet J** 14:16-8, Jan 73
Renal haemangioma in a dog. Cadwallader JA, et al. **NZ Vet J** 21:48-51, Mar 73
[Spontaneous neoplasms in monkeys] Beniashvili DSh.
Vopr Onkol 18:86-9, 1972 **(Rus)**

HEMANGIOMA, CAVERNOUS

Cavernous angiomas of the tympanic membrane. Freedman SI, et al. **Arch Otolaryngol** 96:158-60, Aug 72
Cavernous haemangioma of the cheek. Merchant NE. **Dent Pract Dent Rec** 22:436, Jul 72
Diffuse cavernous hemangioma of the rectum: report of a case and review of the literature. Bell GA, et al. **Dis Colon Rectum** 15:377-82, Sep-Oct 72
Cavernous hemangioma of the oral cavity: review of the literature and report of case. Friedman JM, et al. **J Oral Surg** 31:617-9, Aug 73 (12 ref.)
Central hemangioma of the mandible: report of case. Martis C, et al. **J Oral Surg** 31:613-6, Aug 73
[Choroid angioma] Bessiere E, et al.
Bull Soc Ophtalmol Fr 72:977-9, Sep-Oct 72 **(Fre)**
[Intraosseous angioma of the temporal bone--a rare disease] Kley E.
Z Laryngol Rhinol Otol 51:824-9, Dec 72 (Eng. Abstr.) **(Ger)**

CLASSIFICATION

[Hamartomas of the liver] Saint-Maur PP de, et al.
Nouv Presse Med 2:351-2, 10 Feb 73 **(Fre)**

COMPLICATIONS

Cavernous hemangioma of the nose producing unilateral proptosis. Sen DK, et al.
Am J Ophthalmol 74:747-8, Oct 72
Cavernous hemangioma of the spleen; angiographic observations. Rosenthal T, et al.
Angiology 24:430-3, Jul-Aug 73
Clinical and histopathologic studies of exophthalmos. Aizawa F, et al. **Ann Ophthalmol** 5:805-16, Jul 73
Cavernous hemangioma of the fallopian tube. Patel DR, et al. **Int Surg** 58:420-1, Jun 73
Cavernous hemangioma and chronic intravascular coagulation in a gynaecological patient. Groll M, et al.
J Obstet Gynaecol Br Commonw 79:725-7, Aug 72
Intestinal hemangiomata in childhood and a syndrome for diagnosis: a collective review. Abrahamson J, et al.
J Pediatr Surg 8:487-95, Aug 73
Congenital dysplastic angiectasis and related syndromes. Hockly RG. **S Afr Med J** 46:720-8, 3 Jun 72
[Glomangiomatosis] Texier L, et al.
Bull Soc Fr Dermatol Syphiligr 79:510-1, 1972 **(Fre)**
[Problems in natal and perinatal mortality medicolegal viewpoints. I. Intrauterine submersion (Balthazard and Piédelièvre)] Caroff J.
Med Leg Domm Corpor (Paris) 5:352-5, Oct-Dec 72 (Eng. Abstr.) **(Fre)**
[Intussusception ileus in benign small intestine tumors] Blum E. **Chirurg** 43:433-5, Sep 72 **(Ger)**
[Combined occurrence of multiple cavernous hemangiomas of the skin and bony skeleton] Weber G, et al.
Dermatol Monatsschr 158:613-9, Sep 72 (Eng. Abstr.) **(Ger)**
[Tubal hemagnioma and ovarian dermoid cyst, simultaneously a contribution to the differential diagnosis of extrauterine pregnancy] Tennstedt A.
Zentralbl Gynaekol 94:1576-9, 18 Nov 72 **(Ger)**
[Hemangioma cavernosum intramedullare] Gyula S, et al.
Morphol Igazsagugyi Orv Sz 13:123-5, Apr 73 (Eng. Abstr.) **(Hun)**
[On Marfan's syndrome (dolichostenomelia)] Cataldo F, et al.
Pediatria (Napoli) 80:345-61, 1972 (Eng. Abstr.) **(Ita)**

CONGENITAL

Surgical treatment of hepatic hemangioma in the newborn. Matolo NM, et al.
Arch Surg 106:725-7, May 73

Congenital dysplastic angiectasis and related syndromes. Hockly RG. S Afr Med J 46:720-8, 3 Jun 72

[Hemangiomatosis of the liver (a case of giant cavernous hemangioma of the liver simulating congenital heart defect in a new-born infant)] Ninov L, et al. Akush Ginekol (Sofiia) 11:444-8, 1972 (Bul)

DIAGNOSIS

High resolution B-scan ultrasonography of the orbit. II. Hemangiomas of the orbit. Coleman DJ, et al. Arch Ophthalmol 88:368-74, Oct 72

Radionuclide arteriography in ophthalmology. Grove AS Jr, et al. Arch Ophthalmol 89:13-7, Jan 73

Orbital scanning with multiple radionuclides. Grove AS Jr, et al. Arch Ophthalmol 89:301-5, Apr 73

Cavernous hemangioma of the gallbladder and liver. Moffat JH. Can J Surg 16:172-5, Mar 73

The use of thermography in the pediatric patient. A new diagnostic tool. Farrell C, et al. Clin Pediatr (Phila) 11:673-83, Dec 72

Diffuse cavernous hemangioma of the rectum: report of a case and review of the literature. Bell GA, et al. Dis Colon Rectum 15:377-82, Sep-Oct 72

Giant hemangioma of the liver. Ang M, et al. Hawaii Med J 31:266-8, Jul-Aug 72

Fluorescein angiography. An aid in the differential diagnosis of intraocular tumors. Gass JD. Int Ophthalmol Clin 12:85-120, Spring 72 (5 ref.)

Angiographic resolution of a neonatal intracranial cavernous hemangioma coincident with steroid therapy. Case report. Prensky AL, et al. J Neurosurg 39:99-103, Jul 73

[Hemangiomatosis of the liver (a case of giant cavernous hemangioma of the liver simulating congenital heart defect in a new-born infant)] Ninov L, et al. Akush Ginekol (Sofiia) 11:444-8, 1972 (Bul)

[Choroid angioma] Bessiere E, et al. Bull Soc Ophtalmol Fr 72:977-9, Sep-Oct 72 (Fre)

[Value of ultrasonic echography in ophthalmology] Poujol J. J Radiol Electrol Med Nucl 53:711-5, Oct 72 (Fre)

[Genuine and false primary tumors of the thoracic wall (apropos of 24 cases)] Gaillard J, et al. Poumon Coeur 28:513-4 passim, Sep 72 (Fre)

[Cavernous hemangioma of the rectum and sigmoid] Schennach W. Wien Klin Wochenschr 85:158-9, 9 Mar 73 (Eng. Abstr.) (Ger)

[Tubal hemagnioma and ovarian dermoid cyst, simultaneously a contribution to the differential diagnosis of extrauterine pregnancy] Tennstedt A. Zentralbl Gynaekol 94:1576-9, 18 Nov 72 (Ger)

[Cavernous hemangiomas of striated muscles] Gacyk W, et al. Pol Przegl Chir 44:1351-6, Aug 72 (Eng. Abstr.) (Pol)

DRUG THERAPY

Angiographic resolution of a neonatal intracranial cavernous hemangioma coincident with steroid therapy. Case report. Prensky AL, et al. J Neurosurg 39:99-103, Jul 73

Successful treatment of neonatal retroperitoneal hemangioma with corticosteroid. Kasubuchi Y, et al. J Pediatr Surg 8:59-62, Feb 73

[Treatment of hemangioma in childhood by injections] Fischer H. Z Allgemeinmed 49:57-9, 20 Jan 73 (Ger)

PATHOLOGY

Hemangioma of the Fallopian tube. Ebrahimi T, et al. Am J Obstet Gynecol 115:864-5, 15 Mar 73

Clinical and histopathologic studies of exophthalmos. Aizawa F, et al. Ann Ophthalmol 5:805-16, Jul 73

Cavernous angiomas of the tympanic membrane. Freedman SI, et al. Arch Otolaryngol 96:158-60, Aug 72

Cavernous haemangioma of nasal bone. Hirshowitz B, et al. Br J Plast Surg 26:81-3, Jan 73

Cavernous hemangioma of the gallbladder and liver. Moffat JH. Can J Surg 16:172-5, Mar 73

Cavernous haemangioma of the cheek. Merchant NE. Dent Pract Dent Rec 22:436, Jul 72

Diffuse cavernous hemangioma of the rectum: report of a case and review of the literature. Bell GA, et al. Dis Colon Rectum 15:377-82, Sep-Oct 72

Hemangiomas of the iris and ciliary body. Do they exist? A search for a histologically proved case. Ferry AP. Int Ophthalmol Clin 12:177-94, Spring 72 (18 ref.)

Cavernous hemangioma of the fallopian tube. Patel DR, et al. Int Surg 58:420-1, Jun 73

Skeletal muscle haemangioma. An unusual case and a short review of the literature. Chauhan ND, et al. J Ir Med Assoc 66:291-3, 9 Jun 73

Cavernous hemangioma of the oral cavity: review of the literature and report of case. Friedman JM, et al. J Oral Surg 31:617-9, Aug 73 (12 ref.)

Successful treatment of neonatal retroperitoneal hemangioma with corticosteroid. Kasubuchi Y, et al. J Pediatr Surg 8:59-62, Feb 73

Congenital dysplastic angiectasis and related syndromes. Hockly RG. S Afr Med J 46:720-8, 3 Jun 72

Hamartoma of the thoracic wall. Gupta S, et al. Thorax 27:500-2, Jul 72

[Hemangiomatosis of the liver (a case of giant cavernous hemangioma of the liver simulating congenital heart defect in a new-born infant)] Ninov L, et al. Akush Ginekol (Sofiia) 11:444-8, 1972 (Bul)

[Choroid angioma] Bessiere E, et al. Bull Soc Ophtalmol Fr 72:977-9, Sep-Oct 72 (Fre)

[Intussusception ileus in benign small intestine tumors] Blum E. Chirurg 43:433-5, Sep 72 (Ger)

[Metastasizing of a bronchial carcinoma into a liver cavernoma] Brandt M. Zentralbl Allg Pathol 115:402-3, 1972 (Ger)

[Tubal hemagnioma and ovarian dermoid cyst, simultaneously a contribution to the differential diagnosis of extrauterine pregnancy] Tennstedt A. Zentralbl Gynaekol 94:1576-9, 18 Nov 72 (Ger)

[Hemangioma cavernosum intramedullare] Gyula S, et al. Morphol Igazsagugyi Orv Sz 13:123-5, Apr 73 (Eng. Abstr.) (Hun)

[Multiple cavernous hemangioma of the brain] Glowacki J, et al. Neuropatol Pol 10:555-60, Oct-Dec 72 (Eng. Abstr.) (Pol)

RADIOGRAPHY

Cavernous hemangioma of the spleen; angiographic observations. Rosenthal T, et al. Angiology 24:430-3, Jul-Aug 73

Hemangioma of maxilla. Sawhney KL, et al. Ann Otol Rhinol Laryngol 82:254-6, Mar-Apr 73

Surgical treatment of hepatic hemangioma in the newborn. Matolo NM, et al. Arch Surg 106:725-7, May 73

Cavernous haemangioma of nasal bone. Hirshowitz B, et al. Br J Plast Surg 26:81-3, Jan 73

Diffuse cavernous hemangioma of the rectum: report of a case and review of the literature. Bell GA, et al. Dis Colon Rectum 15:377-82, Sep-Oct 72

Angiographic resolution of a neonatal intracranial cavernous hemangioma coincident with steroid therapy. Case report. Prensky AL, et al. J Neurosurg 39:99-103, Jul 73

Successful treatment of neonatal retroperitoneal hemangioma with corticosteroid. Kasubuchi Y, et al. J Pediatr Surg 8:59-62, Feb 73

Chest wall tumors. Omell GH, et al. Radiol Clin North Am 11:197-214, Apr 73 (41 ref.)

Arteriographic findings in synovial hemangioma of the knee. Mahadevan H, et al. Radiology 106:627-8, Mar 73

Tumors of the soft tissues of the extremities. Cavanagh RC. Semin Roentgenol 8:73-89, Jan 73

[Familial multiple glomangiomatosis. Phlebographic record] Baran MR. Bull Soc Fr Dermatol Syphiligr 79:94-7, 1972 (Fre)

[Angiography of hemangiomas of the liver] Tavernier J, et al. J Radiol Electrol Med Nucl 53:493-9, Jun-Jul 72 (Eng. Abstr.) (Fre)

[Hemangiomas in the soft tissues of extracranial portion of head] Suzuki S, et al. Nippon Acta Radiol 32:723-34, Dec 72 (Eng. Abstr.) (Jap)

RADIOTHERAPY

Cavernous hemangioma of the nose producing unilateral proptosis. Sen DK, et al. Am J Ophthalmol 74:747-8, Oct 72

Therapeutic irradiation of the liver. Peckham MJ. Br J Radiol 45:790-1, Oct 72

Intestinal hemangiomata in childhood and a syndrome for diagnosis: a collective review. Abrahamson J, et al. J Pediatr Surg 8:487-95, Aug 73

SURGERY

Hemangioma of maxilla. Sawhney KL, et al. **Ann Otol Rhinol Laryngol** 82:254-6, Mar-Apr 73
Cavernous angiomas of the tympanic membrane. Freedman SI, et al. **Arch Otolaryngol** 96:158-60, Aug 72
Surgical treatment of hepatic hemangioma in the newborn. Matolo NM, et al. **Arch Surg** 106:725-7, May 73
Cavernous haemangioma of nasal bone. Hirshowitz B, et al. **Br J Plast Surg** 26:81-3, Jan 73
Cavernous hemangioma of the gallbladder and liver. Moffat JH. **Can J Surg** 16:172-5, Mar 73
Diffuse cavernous hemangioma of the rectum: report of a case and review of the literature. Bell GA, et al. **Dis Colon Rectum** 15:377-82, Sep-Oct 72
Cavernous hemangioma of the oral cavity: review of the literature and report of case. Friedman JM, et al. **J Oral Surg** 31:617-9, Aug 73 (12 ref.)
Successful treatment of neonatal retroperitoneal hemangioma with corticosteroid. Kasubuchi Y, et al. **J Pediatr Surg** 8:59-62, Feb 73
[Intussusception ileus in benign small intestine tumors] Blum E. **Chirurg** 43:433-5, Sep 72 (Ger)
[Cavernous hemangioma of the rectum and sigmoid] Schennach W. **Wien Klin Wochenschr** 85:158-9, 9 Mar 73 (Eng. Abstr.) (Ger)
[Treatment of hemangioma in childhood-surgical therapy] Olivari N, et al. **Z Allgemeinmed** 49:60-3, 20 Jan 73 (Ger)
[Cavernous hemangiomas of striated muscles] Gacyk W, et al. **Pol Przegl Chir** 44:1351-6, Aug 72 (Eng. Abstr.) (Pol)
[Cavernous hemangioma of the rectum] Piecuch T. **Pol Przegl Chir** 44:1565-7, Oct 72 (Eng. Abstr.) (Pol)

THERAPY

[Pediatric aspects of the treatment of hemangioma of the skin] Dorogi J, et al. **Orv Hetil** 113:2522-5, 15 Oct 72 (Hun)

VETERINARY

[Spontaneous neoplasms in monkeys] Beniashvili DSh. **Vopr Onkol** 18:86-9, 1972 (Rus)

HEMANGIOPERICYTOMA

Intra-abdominal hemangiopericytoma. Report of four cases and review of the literature. Binder SC, et al. **Arch Surg** 107:536-43, Oct 73
Solitary vascular tumour of duodenum (haemangioendothelioma and-or haemangiopericytoma). Gue S. **J R Coll Surg Edinb** 18:47-51, Jan 73
Primary pulmonary hemangiopericytoma. Report of a case. Davis Z, et al. **J Thorac Cardiovasc Surg** 64:822-5, Nov 72
Uterine hemangiopericytoma in a 19-year-old woman. Kirshen EJ, et al. **Obstet Gynecol** 40:652-6, Nov 72
Haemangiopericytoma of the uterus. Lambert B, et al. **Practitioner** 210:255-8, Feb 73
[Hemangiopericytoma of the uterus. Apropos of a case] Léger H, et al. **Bord Med** 5:1589-92, Sep 72 (Eng. Abstr.) (Fre)
[Gastric hemangiopericytoma invaginated into the duodenum] Piard A, et al. **Med Chir Dig** 1:203-6, 1972 (Fre)
[Pulmonary hemangiopericytomas (apropos of 3 cases)] Uzzan D, et al. **Rev Tuberc Pneumol (Paris)** 36:599-606, Jun 72 (Eng. Abstr.) (Fre)
[Hemangiopericytoma] Privé L. **Vie Med Can Fr** 1:587, Jun 72 (Fre)
[Hemangiopericytoma] Reich H. **Hautarzt** 24:275-85, Jul 73 (Ger)
[Hemangiopericytoma from the oto-rhinologic viewpoint] Reich H. **HNO** 20:363-8, Dec 72 (Eng. Abstr.) (Ger)
[Hemangiopericytoma of the gum] Coronel S, et al. **Rev Stomatol Chir Maxillofac** 73:295-300, Jun 72 (Eng. Abstr.) (Ger)
[Sarcomas of the vasoformative tissue. II. Malignant hemangiopericytoma] Nowacki M, et al. **Nowotwory** 23:143-51, Jan-Jun 73 (Eng. Abstr.) (Pol)
[Angiosarcoma] Nowacki M, et al. **Pol Tyg Lek** 28:96-8, 15 Jan 73 (Eng. Abstr.) (Pol)
[Induction of angiogenic sarcomas by mammalian adenoviruses] Levenbuk IS. **Biull Eksp Biol Med** 73:71-5, Oct 72 (Eng. Abstr.) (Rus)

CHEMICALLY INDUCED

Vascular tumors in female mice after intraperitoneal injection of dimethylnitrosamine. Cardesa A, et al. **J Natl Cancer Inst** 51:201-8, Jul 73

CLASSIFICATION

[Hemangiopericytoma] Reich H. **Hautarzt** 24:275-85, Jul 73 (Ger)

COMPLICATIONS

Upper airway obstruction in a newborn secondary to hemangiopericytoma. Baden M, et al. **Can Med Assoc J** 107:1202-4, 23 Dec 72
[Renin secreting renal tumors] Lauras B. **Pediatrie** 27:455-8, Jun 72 (Fre)
[Report on a hemangiopericytoma connected with a kidney] Végh A, et al. **Z Urol Nephrol** 66:131-5, Feb 73 (Ger)

CONGENITAL

Upper airway obstruction in a newborn secondary to hemangiopericytoma. Baden M, et al. **Can Med Assoc J** 107:1202-4, 23 Dec 72
[Hemangiopericytoma of the child] Reich H. **Monatsschr Kinderheilkd** 120:430-4, Oct 72 (53 ref.) (Eng. Abstr.) (Ger)

DIAGNOSIS

High resolution B-scan ultrasonography of the orbit. II. Hemangiomas of the orbit. Coleman DJ, et al. **Arch Ophthalmol** 88:368-74, Oct 72
Haemangiopericytoma of the pre-sacral space. Hart S, et al. **Br J Surg** 60:583-4, Jul 73
[Hemangiopericytoma of the uterus. Apropos of a case] Léger H, et al. **Bord Med** 5:1589-92, Sep 72 (Eng. Abstr.) (Fre)
[Pulmonary hemangiopericytomas (apropos of 3 cases)] Uzzan D, et al. **Rev Tuberc Pneumol (Paris)** 36:599-606, Jun 72 (Eng. Abstr.) (Fre)
[Atypical isolated trichoepithelioma of the chin] Nasemann T, et al. **Hautarzt** 24:105-10, Mar 73 (Ger)
[Hemangiopericytoma] Reich H. **Hautarzt** 24:275-85, Jul 73 (Ger)
[Hemangiopericytoma from the oto-rhinologic viewpoint] Reich H. **HNO** 20:363-8, Dec 72 (Eng. Abstr.) (Ger)
[Hemangiopericytoma of the child] Reich H. **Monatsschr Kinderheilkd** 120:430-4, Oct 72 (53 ref.) (Eng. Abstr.) (Ger)
[2 observations of pleural hemangiopericytoma] Shchiglik GM, et al. **Probl Tuberk** 50:81-3, 1972 (Rus)
[General principles of diagnosis of malignant neoplasms of the soft tissues] Trapeznikov NN, et al. **Vestn Akad Med Nauk SSSR** 27:62-8, 1972 (Eng. Abstr.) (Rus)

DRUG THERAPY

Continuous intravenous infusions of 5-fluoro-2'-deoxyuridine in the treatment of solid tumors. DeConti RC, et al. **Cancer** 31:894-8, Apr 73

METABOLISM

Primary excess and deficiency or renin. **Br Med J** 1:627-8, 17 Mar 73

MICROBIOLOGY

[Oncogenicity of simian adenovirus SA7(C8) for mice and rats] Tsetlin EM, et al. **Vopr Onkol** 18:37-42, 1972 (Eng. Abstr.) (Rus)

PATHOLOGY

Intra-abdominal hemangiopericytoma. Report of four cases and review of the literature. Binder SC, et al. **Arch Surg** 107:536-43, Oct 73
Haemangiopericytoma of the pre-sacral space. Hart S, et al. **Br J Surg** 60:583-4, Jul 73

Hemangiopericytoma: ultrastructural study of five cases. Battifora H. **Cancer** 31:1418-32, Jun 73
Hemangiopericytoma. An ultrastructural study. Hahn MJ, et al. **Cancer** 31:255-61, Jan 73
Solitary vascular tumour of duodenum (haemangioendothelioma and-or haemangiopericytoma). Gue S. **J R Coll Surg Edinb** 18:47-51, Jan 73
Primary pulmonary hemangiopericytoma. Report of a case. Davis Z, et al. **J Thorac Cardiovasc Surg** 64:822-5, Nov 72
Hemangiopericytoma of central nervous system. Grode ML. **NY State J Med** 72:2557-60, 15 Oct 72
Uterine stromatosis. Clinicopathologic features and hormone dependency. Baggish MS, et al. **Obstet Gynecol** 40:487-98, Oct 72
Uterine hemangiopericytoma in a 19-year-old woman. Kirshen EJ, et al. **Obstet Gynecol** 40:652-6, Nov 72
Haemangiopericytoma of the uterus. Lambert B, et al. **Practitioner** 210:255-8, Feb 73
Pulmonary blastoma with diverse mesenchymal proliferation. Chaudhuri MR, et al. **Thorax** 27:487-91, Jul 72
[Hemangiopericytoma of the uterus. Apropos of a case] Léger H, et al. **Bord Med** 5:1589-92, Sep 72 (Eng. Abstr.) **(Fre)**
[Hemangiopericytoma] Reich H. **Hautarzt** 24:275-85, Jul 73 **(Ger)**
[Hemangiopericytoma from the oto-rhinologic viewpoint] Reich H. **HNO** 20:363-8, Dec 72 (Eng. Abstr.) **(Ger)**
[Hemangiopericytoma of the child] Reich H. **Monatsschr Kinderheilkd** 120:430-4, Oct 72 (53 ref.) (Eng. Abstr.) **(Ger)**
[Pathology of unusual angiosarcomas of the orbit: hemangiopericytoma and hemangioendothelioma] Heckmann K. **Ophthalmologica** 166:36-47, 1973 (Eng. Abstr.) **(Ger)**
[Hemangiopericytoma of the gum] Coronel S, et al. **Rev Stomatol Chir Maxillofac** 73:295-300, Jun 72 (Eng. Abstr.) **(Ger)**
[Report on a hemangiopericytoma connected with a kidney] Végh A, et al. **Z Urol Nephrol** 66:131-5, Feb 73 **(Ger)**
[Sarcomas of the vasoformative tissue. II. Malignant hemangiopericytoma] Nowacki M, et al. **Nowotwory** 23:143-51, Jan-Jun 73 (Eng. Abstr.) **(Pol)**
[Primary malignant neoplasms of the spleen] Bross W, et al. **Wiad Lek** 26:485-9, 15 Mar 73 (Eng. Abstr.) **(Pol)**
[2 observations of pleural hemangiopericytoma] Shchiglik GM, et al. **Probl Tuberk** 50:81-3, 1972 **(Rus)**
[Incidence of tumors in the wall of congenital cysts of the lung] Babashev BS, et al. **Vopr Onkol** 18:79-81, 1972 **(Rus)**

PHYSIOPATHOLOGY

[Renin secreting renal tumors] Lauras B. **Pediatrie** 27:455-8, Jun 72 **(Fre)**
[Rare benign, semi-malignant and malignant vascular tumours of the skin. Clinical course, histology and systemisation] Schneider W. **Munch Med Wochenschr** 114:1178-83, 23 Jun 72 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

Angiography of the primary retroperitoneal tumors. Lowman RM. **CRC Crit Rev Radiol Sci** 3:389-423, 1972 (123 ref.)
[Radiologic aspects of hemangiopericytoma of the lower extremities] Hoeffel JC, et al. **J Belge Radiol** 55:345-50, May-Jun 72 (Eng. Abstr.) **(Fre)**
[Gastric hemangiopericytoma invaginated into the duodenum] Piard A, et al. **Med Chir Dig** 1:203-6, 1972 **(Fre)**
[Transfemoral arteriography for diseases in childhood. Report of 1174 cases from the literature and 68 personal cases] Steckenmesserr R, et al. **Fortschr Geb Roentgenstr Nuklearmed** 118:161-74, Feb 73 (Eng. Abstr.) **(Ger)**
[Hemangiopericytoma of the gum] Coronel S, et al. **Rev Stomatol Chir Maxillofac** 73:295-300, Jun 72 (Eng. Abstr.) **(Ger)**
[Radiological signs of malignancy of solitary lesions of the skeleton] Carnevali G, et al. **Minerva Med** 64:2808-27, 1973 **(Ita)**
[Hemangiopericytomas of the lung] Stonogin VD, et al. **Grudn Khir** 14:78-81, Sep-Oct 72 **(Rus)**

RADIOTHERAPY

Haemangiopericytoma of the vulva with metastasis to bone 14 years later. Reymond RD, et al. **Br J Radiol** 45:765-8, Oct 72
Upper airway obstruction in a newborn secondary to hemangiopericytoma. Baden M, et al. **Can Med Assoc J** 107:1202-4, 23 Dec 72
[Hemangiopericytoma from the oto-rhinologic viewpoint] Reich H. **HNO** 20:363-8, Dec 72 (Eng. Abstr.) **(Ger)**
[Angiosarcoma] Nowacki M, et al. **Pol Tyg Lek** 28:96-8, 15 Jan 73 (Eng. Abstr.) **(Pol)**

SURGERY

Haemangiopericytoma of the vulva with metastasis to bone 14 years later. Reymond RD, et al. **Br J Radiol** 45:765-8, Oct 72
Haemangiopericytoma of the pre-sacral space. Hart S, et al. **Br J Surg** 60:583-4, Jul 73
Upper airway obstruction in a newborn secondary to hemangiopericytoma. Baden M, et al. **Can Med Assoc J** 107:1202-4, 23 Dec 72
Solitary vascular tumour of duodenum (haemangioendothelioma and-or haemangiopericytoma). Gue S. **J R Coll Surg Edinb** 18:47-51, Jan 73
Primary pulmonary hemangiopericytoma. Report of a case. Davis Z, et al. **J Thorac Cardiovasc Surg** 64:822-5, Nov 72
Hemangiopericytoma of central nervous system. Grode ML. **NY State J Med** 72:2557-60, 15 Oct 72
Uterine hemangiopericytoma in a 19-year-old woman. Kirshen EJ, et al. **Obstet Gynecol** 40:652-6, Nov 72
[Gastric hemangiopericytoma invaginated into the duodenum] Piard A, et al. **Med Chir Dig** 1:203-6, 1972 **(Fre)**
[Renin secreting renal tumors] Lauras B. **Pediatrie** 27:455-8, Jun 72 **(Fre)**
[Primary tumors of the thoracic wall] Morand G, et al. **Poumon Coeur** 28:503-6 passim, Sep 72 **(Fre)**
[Hemangiopericytoma] Reich H. **Hautarzt** 24:275-85, Jul 73 **(Ger)**
[Hemangiopericytoma from the oto-rhinologic viewpoint] Reich H. **HNO** 20:363-8, Dec 72 (Eng. Abstr.) **(Ger)**
[Thoracic tumors in children] Wurnig P. **Langenbecks Arch Chir** 329:123-35, Dec 71 (Eng. Abstr.) **(Ger)**
[Hemangiopericytoma of the child] Reich H. **Monatsschr Kinderheilkd** 120:430-4, Oct 72 (53 ref.) (Eng. Abstr.) **(Ger)**
[Hemangiopericytoma of the gum] Coronel S, et al. **Rev Stomatol Chir Maxillofac** 73:295-300, Jun 72 (Eng. Abstr.) **(Ger)**
[Report on a hemangiopericytoma connected with a kidney] Végh A, et al. **Z Urol Nephrol** 66:131-5, Feb 73 **(Ger)**
[Sarcomas of the vasoformative tissue. II. Malignant hemangiopericytoma] Nowacki M, et al. **Nowotwory** 23:143-51, Jan-Jun 73 (Eng. Abstr.) **(Pol)**
[Angiosarcoma] Nowacki M, et al. **Pol Tyg Lek** 28:96-8, 15 Jan 73 (Eng. Abstr.) **(Pol)**
[Hemangiopericytomas of the lung] Stonogin VD, et al. **Grudn Khir** 14:78-81, Sep-Oct 72 **(Rus)**

VETERINARY

[Hemangiopericytoma] Reich H. **Hautarzt** 24:275-85, Jul 73 **(Ger)**

HEMATOMA

Congenital meromelia or "spontaneous amputations". Experimental studies on mice. Bro-Rasmussen F, et al. **Acta Orthop Scand** 43:157-62, 1972
Frontal sinus hematomas in aerospace medicine. Green RS, et al. **Aerosp Med** 44:205-9, Feb 73
Intramural hematoma of the duodenum in children: review of literature and report of two cases. Andersson A, et al. **Am Surg** 39:402-5, Jul 73
Post-operative wound healing in patients with rheumatoid arthritis. Garner RW, et al. **Ann Rheum Dis** 32:273-4, May 73
The placenta--an environmental problem. Rushton DI. **Br Med J** 1:344-8, 10 Feb 73
Extradural hematoma of the anterior fossa. Ang AH, et al. **Int Surg** 57:918-20, Nov 72

Bleeding into the rectus abdominis muscle. Fletcher HS, et al. **Int Surg** 58:97-9, Feb 73

Acquired inhibitor of antihemophilic globulin (Factor VIII) in an orthopaedic patient. A case report. Jiji RM, et al. **J Bone Joint Surg [Am]** 54:417-22, Mar 72

Catenated oligomeric circular DNA molecules from mitochondria of malignant and normal mouse and rat tissues. Wolstenholme DR, et al. **J Cell Biol** 56:247-55, Jan 73

Submandibular gland extravasation cyst: report of an unusual case. Fein S, et al. **J Oral Surg** 31:551-2, Jul 73

Physiologic/psychologic changes reported by USAF female flight nurses during flying duties. Farrell BL, et al. **Nurs Res** 22:31-6, Jan-Feb 73

Mechanisms of injury to the cervical cord. Braakman R, et al. **Paraplegia** 10:314-20, Feb 73

Vasectomy: problems of follow up. Rees RW. **Proc R Soc Med** 66:52-4, Jan 73

Roentgen diagnosis of aortic disease. Dinsmore RE, et al. **Prog Cardiovasc Dis** 16:151-85, Sep-Oct 73 (109 ref.)

Localized infiltrating lesions of the stomach. Ferrucci JT Jr, et al. **Semin Roentgenol** 6:168-81, Apr 71

Apernyl as alveolar inlay in connection with the removal of impacted third molars of the lower jaw. A clinical double blind investigation of 100 patients. Kjellman O. **Sven Tandlak Tidskr** 66:197-200, Mar 73

[Hematoma of the vulva] Kirkels VG, et al. **Ned Tijdschr Geneeskd** 117:257-63, 17 Feb 73 (Eng. Abstr.) (Dut)

[Study of pancreatic effusions: experimental proteasic polyserositis] Warter J, et al. **C R Soc Biol (Paris)** 166:1157-60, 1972 (Fre)

[Clinical and experimental studies on the effect of external drugs containing hirudin] Mittelstaedt R. **Arzneim Forsch** 23:581-3, Apr 73 (Eng. Abstr.) (Ger)

[Calcified and ossified hematoma following blunt kidney trauma] Hubmer G, et al. **Zentralbl Chir** 98:469-71, 30 Mar 73 (Ger)

[Errors and failures in nerve surgery] Grigorovich KA. **Vestn Khir** 108:102-9, Sep 72 (Eng. Abstr.) (Rus)

[Osteomyelitis in closed and open fractures] Grinev MV, et al. **Vestn Khir** 108:72-7, Oct 72 (Eng. Abstr.) (Rus)

[An analysis of the relationship between the effectiveness of surgical treatment of hemorrhagic strokes and the dynamics of disorders of consciousness before surgery] Chebotareva NM, et al. **Vopr Neirokhir** 37:9-14, Jan-Feb 73 (Eng. Abstr.) (Rus)

[Calcified pulmonary hematoma (report of a case)] González de Vega N, et al. **Rev Clin Esp** 127:821-4, 15 Nov 72 (Spa)

[Spontaneous hematomas of the rectus abdominis] Martínez Díez M, et al. **Rev Esp Enferm Apar Dig** 38:601-16, 1 Nov 72 (Spa)

BLOOD

Increased fibrinolytic activity and fibrin degradation products after experimental intracerebral haemorrhage. Tovi D, et al. **Acta Neurol Scand** 48:403-15, 1972

CEREBROSPINAL FLUID

Increased fibrinolytic activity and fibrin degradation products after experimental intracerebral haemorrhage. Tovi D, et al. **Acta Neurol Scand** 48:403-15, 1972

CHEMICALLY INDUCED

Prevention of pulmonary embolism. Smith AM. **Br Med J** 2:777, 30 Jun 73

Bleeding into the rectus abdominis muscle. Fletcher HS, et al. **Int Surg** 58:97-9, Feb 73

The development of mouse blastocysts injected with, or cultured in, trypan blue solution. Lin TP, et al. **J Reprod Fertil** 32:149-51, Jan 73

Dissecting hematoma of the coronary artery. A possible complication of oral contraceptive therapy. Heefner WA. **JAMA** 223:550-1, 29 Jan 73

Successful pregnancy after aortic and mitral valve replacements. Kanarek KS, et al. **S Afr Med J** 47:1373-4, 4 Aug 73

Anticoagulant-induced intramural haematoma of the bowel. Lloyd DA, et al. **S Afr Med J** 47:734-8, 5 May 73

Early and late effects of in vitro exposure of preimplantation mouse embryos to trypan blue. Fisher DL, et al. **Teratology** 6:159-65, Oct 72

[Subcapsular hepatic hematoma of the newborn infant and epilepsy in the mother] Velemínský J, et al. **Cesk Neurol** 36:242-5, Jul 73 (Eng. Abstr.) (Cze)

[A case of intramural hematoma of the small bowel during anticoagulant therapy. Resection and cure] Gillet M, et al. **Acta Chir Belg** 71:352-61, Oct 72 (Eng. Abstr.) (Fre)

[A rare complication of anticoagulant therapy: hematoma of the bladder wall] Larrieu H, et al. **Bull Mem Soc Chir Paris** 62:350-6, Dec 72 (Fre)

[Intramural hematoma of the intestine caused by anticoagulants (3 cases, 1 of them of the colon)] Huguier M, et al. **Chirurgie** 98:427-32, May 72 (Eng. Abstr.) (Fre)

[Occlusive accidents during anticoagulant treatment. Intramural hematoma of the small intestine (4 cases)] Langeron P, et al. **Chirurgie** 98:199-205, 1 Mar 72 (Eng. Abstr.) (Fre)

[Intramural hematoma of the small intestine during anticoagulant treatment] Gautier-Benoit C, et al. **Lille Med** 17:998-1000, Aug-Sep 72 (Fre)

[Crural paralysis during anticoagulant treatment] Goas JY, et al. **Sem Hop Paris** 48:2199-206, 26 Jun 72 (Fre)

[Ileus during anticoagulant therapy] Schröder HJ. **Chirurg** 44:329-32, Jul 73 (Ger)

[Intramural hematomas of the small intestine in dicumarol treatment] Härtel M. **Fortschr Geb Roentgenstr Nuklearmed** 117:306-11, Sep 72 (Eng. Abstr.) (Ger)

[Renal haematoma during anticoagulant therapy] Voegéli E, et al. **Fortschr Geb Roentgenstr Nuklearmed** 117:187-91, Aug 72 (Eng. Abstr.) (Ger)

[Iatrogenic lesions of coumarin treatment] Kausz L. **Zentralbl Chir** 97:1758-60, 9 Dec 72 (Ger)

COMPLICATIONS

Temporal lobe contusion and haematoma. Heiskanen O, et al. **Acta Neurochir (Wien)** 27:29-35, 1972

Bilateral incomplete traumatic occlusion of internal carotid arteries. Friedenberg MJ, et al. **Am J Roentgenol Radium Ther Nucl Med** 118:546-9, Jul 73

Hereditary aspects of fibrin cross-linking. Hampton JW, et al. **Ann NY Acad Sci** 202:204-12, 8 Dec 72

Wound complications in recipients of renal transplants. Schweizer RT, et al. **Ann Surg** 177:58-62, Jan 73

Peripheral nerve damage resulting from local hemorrhage and ischemia. Benjamin HZ, et al. **Arch Phys Med Rehabil** 54:263-70, Jun 73

Pretibial lacerations. Tandon SN, et al. **Br J Plast Surg** 26:172-5, Apr 73

The radiological demonstration of traumatic cysts due to severe soft tissue trauma. Bradshaw JR, et al. **Br J Radiol** 45:905-10, Dec 72

An analysis of 59 cases of tracheal stenosis following tracheostomy with cuffed tube and assisted ventilation, with special reference to diagnosis and treatment. Andrews MJ, et al. **Br J Surg** 60:208-12, Mar 73

Familial incidence of ovarian dermoid cysts. Plattner G, et al. **Can Med Assoc J** 108:892-3, 7 Apr 73

Osteomyelitis of skull in early infancy. (A case report). Bhargava V, et al. **Indian Pediatr** 9:821-2, Dec 72

Anesthetic management of patients with airway problems. Gordon RA. **Int Anesthesiol Clin** 10:37-59, Fall 72

Hypertension due to traumatic ureteral occlusion. Klein LA, et al. **Invest Urol** 10:327-30, Jan 73

Subadventitial haematoma of the popliteal artery. Schramek A, et al. **J Cardiovasc Surg (Torino)** 14:447-51, Jul-Aug 73

Vesico-vaginal fistulae as seen in Britain. Moir JC. **J Obstet Gynaecol Br Commonw** 80:598-602, Jul 73

Modified technique of puerperal laparoscopic sterilization. Neely MR, et al. **J Obstet Gynaecol Br Commonw** 79:1025-7, Nov 72

Effect of hypovolemia on absorption of injected fat. Hausberger FX, et al. **J Trauma** 13:469-72, May 73

Renal hypertension caused by fracture of lumbar spine. Kontturi M, et al. **J Urol** 108:673-5, Nov 72

Dissecting hematoma of the coronary artery. A possible complication of oral contraceptive therapy. Heefner WA. **JAMA** 223:550-1, 29 Jan 73

Ileus in retroperitoneal haematoma. Drew JH. **Med J Aust** 1:246-8, 3 Feb 73

The hazards of umbilical cord haematoma. Roberts-Thomson ME. **Med J Aust** 1:648-50, 31 Mar 73

Median-nerve neuropathy after percutaneous puncture

of the brachial artery in patients receiving anticoagulants. Macon WL 4th, et al. **N Engl J Med** 288:1396, 28 Jun 73

Treatment of hypospadias by the Byars technique. Nosti JC, et al. **Plast Reconstr Surg** 52:128-31, Aug 73

Trauma to the genitourinary tract: evaluation and management. Cass AS, et al. **Postgrad Med** 53:63-8, Jun 73

Complications of the cross-leg flap operation. Dawson RL. **Proc R Soc Med** 65:626-9, Jul 72

Pelvic osteotomy for osteoarthritis of the hip-joint. Warr AC, et al. **Proc R Soc Med** 66:241-2, Mar 73

Treatment of dissecting aneurysms of the aorta: current status. Wheat MW Jr. **Prog Cardiovasc Dis** 16:87-101, Jul-Aug 73 (25 ref.)

The blood-brain barrier in the cerebral edema of experimentally-induced cerebrovascular accidents. Schwartz B, et al. **Rev Roum Neurol** 9:123-34, 1972

Extrinsic duodenal obstruction in children. Wayne ER, et al. **Surg Gynecol Obstet** 136:87-91, Jan 73

The treatment of extruded and infected permanent cardiac pulse generators: application of a technique of closed irrigation. Golden GT, et al. **Surgery** 74:575-9, Oct 73

Duodenectomy with reimplantation of the papilla into the jejunum as a treatment for benign duodenal lesions. Kavlie H, et al. **Surgery** 73:230-3, Feb 73

Traumatic central retinal artery occlusion. Chawla JC. **Trans Ophthalmol Soc UK** 92:777-84, 1972

[A case of intramural hematoma of the small bowel during anticoagulant therapy. Resection and cure] Gillet M, et al. **Acta Chir Belg** 71:352-61, Oct 72 (Eng. Abstr.) (Fre)

[Giant cyst of the face of unknown etiology] Parant M, et al. **Actual Odontostomatol (Paris)** 26:279-80, 1972 (Fre)

[Occlusive duodeno-jejunal intraparietal hematoma of a spontaneous type] Lefaucher C, et al. **Ann Chir Infant** 13:283-8, Jul-Aug 72 (Eng. Abstr.) (Fre)

[Nonfamilial ulceromutilant acropathy] Graciansky P de, et al. **Bull Soc Fr Dermatol Syphiligr** 79:214-5, 1972 (Fre)

[Occlusive accidents during anticoagulant treatment. Intramural hematoma of the small intestine (4 cases)] Langeron P, et al. **Chirurgie** 98:199-205, 1 Mar 72 (Eng. Abstr.) (Fre)

[Crural nerve paralysis caused by iliac hematoma] Lecuire J, et al. **Lyon Chir** 68:349-51, Sep-Oct 72 (Eng. Abstr.) (Fre)

[Bilateral paralysis of the crural nerve by subperitoneal lumbo-iliac hematoma] Liaras H. **Lyon Chir** 68:381-2, Sep-Oct 72 (Fre)

[Staphylococcic meningitis, apropos of 2 cases] Destaing F, et al. **Lyon Med** 228:577-8, 26 Nov 72 (Eng. Abstr.) (Fre)

[The triad: diffuse senile atrophy, Bateman's purpura, spontaneous stellar pseudo-cicatrices. Association frequently encountered in cutaneous senescnence] Colomb D. **Maroc Med** 52:344-7, Jun 72 (Fre)

[Crural paralysis caused by traumatic hematoma of the psoas] Longin B, et al. **Pediatrie** 28:455-6, Jun 73 (Fre)

[Voluminous cyst of the face of unknown etiology] Parant M, et al. **Rev Fr Odontostomatol** 19:244, May-Jun 72 (Fre)

[Traumatic cervical extra-dural hematoma and medullary ischemia] Nehlil J, et al. **Rev Neurol (Paris)** 127:371-5, Sep 72 (Fre)

[Endocranial abscess: complication of dental extraction] Balogh G, et al. **Rev Stomatol Chir Maxillofac** 73:205-9, Apr-May 72 (Fre) (Eng. Abstr.)

[Intestinal obstruction induced by anticoagulants. Apropos of 2 cases of intramural hematoma of the small intestine and colon] Stückelberg G, et al. **Schweiz Med Wochenschr** 103:9-15, 6 Jan 73 (Eng. Abstr.) (Fre)

[Crural paralysis during anticoagulant treatment] Goas JY, et al. **Sem Hop Paris** 48:2199-206, 26 Jun 72 (Fre)

[Ileus during anticoagulant therapy] Schröder HJ. **Chirurg** 44:329-32, Jul 73 (Ger)

[Acute mediastinal syndrome caused by spontaneous hemorrhage in the thyroid region] Brühl W, et al. **Med Klin** 67:1594-6, 1 Dec 72 (Eng. Abstr.) (Ger)

[Injury of the radial nerve due to a post-traumatic calcified hematoma of the arm] Imieliński L, et al. **Chir Narzadow Ruchu Ortop Pol** 37:561-4, 1972 (Eng. Abstr.) (Pol)

[Cutaneous form of periarteritis nodosa. Death due to perirenal hematoma] Dyk T, et al. **Pol Tyg Lek** 27:1281-2, 14 Aug 72 (Eng. Abstr.) (Pol)

[Case of occluded hymen] Salwa M. **Wiad Lek** 26:91-3, 1 Jan 73 (Pol)

[Vascular disorders in dislocations of the knee] Diatlov MM. **Vestn Khir** 108:57-61, Dec 72 (Eng. Abstr.) (Rus)

CONGENITAL

The hazards of umbilical cord haematoma. Roberts-Thomson ME. **Med J Aust** 1:648-50, 31 Mar 73

DIAGNOSIS

Angiographic appearances of an intramuscular hematoma. Thomas ML, et al. **Acta Radiol [Diagn] (Stockh)** 14:65-8, Jan 73

Problems in the diagnosis of malignant melanomas of the choroid and ciliary body. The 1972 Arthur J. Bedell Lecture. Zimmerman LE. **Am J Ophthalmol** 75:917-29, Jun 73 (47 ref.)

Differential diagnosis of pulmonary parenchymal changes in thoracic trauma. Hankins JR, et al. **Am Surg** 39:309-18, Jun 73

Use of angiography to diagnose subcapsular hematoma of the spleen before delayed rupture. Lewis MI, et al. **Am Surg** 39:587-91, Oct 73

An unusual complication of endotracheal intubation: report of a case. Fine J, et al. **Anesth Analg (Cleve)** 52:204-6, Mar 73

Scanning of the hepatic blood pool in the differential diagnosis of space-occupying lesions of the liver. With emphasis on amebic abscess. Gordon F, et al. **Ann Intern Med** 78:247-50, Feb 73

Multiple circumscribed pulmonary hematomas masquerading as metastatic carcinoma. Engelman RM, et al. **Ann Thorac Surg** 15:291-4, Mar 73

Differential diagnosis in orbital injury. Internal carotid-cavernous sinus fistula, orbital, hematoma, blow-out fracture. Smith B, et al. **Arch Ophthalmol** 89:484-5, Jun 73

Ruptured intrahepatic aneurysm. Erskine JM. **Arch Surg** 106:219-22, Feb 73

Intramural hematoma of the duodenum. Montasir A, et al. **Ariz Med** 30:23-7, Jan 73

Retroperitoneal haemorrhage simulating a strangulated inguinal hernia. Salah MW. **Br Med J** 4:403, 18 Nov 72

Abdominal wall hematomas. Nadeau N, et al. **Can J Surg** 16:321-7, Sep 73

Hematoma of the interatrial septum with heart block secondary to dissecting aneurysm of the aorta. A clinicopathologic entity. Yacoub MH, et al. **Circulation** 46:537-45, Sep 72

Obstruction of second part of duodenum by retroperitoneal haematoma due to blunt abdominal trauma: a report of two cases. Gue S. **Injury** 4:65-8, Aug 72

Supraclavicular cerebrospinal fluid effusion in brachial plexus avulsion injuries and iatrogenic omorrhea. Gass H, et al. **J Bone Joint Surg [Am]** 54:1773-5, Dec 72

Rupture of aortic aneurysm producing a hematoma in urological scars. Adar R, et al. **J Cardiovasc Surg (Torino)** 14:229-31, Mar-Apr 73

Pitfalls in plethysmographic diagnosis of acute deep venous thrombosis. Halliböök T, et al. **J Cardiovasc Surg (Torino)** 14:427-30, Jul-Aug 73

Subadventitial haematoma of the popliteal artery. Schramek A, et al. **J Cardiovasc Surg (Torino)** 14:447-51, Jul-Aug 73

Serum enzyme changes after intramuscular bleeding in patients with haemophilia and Christmas disease. Forbes CD, et al. **J Clin Pathol** 25:1034-7, Dec 72

Aneurysm of the anterior choroidal artery with intraventricular hematoma and hydrocephalus. Case report. Papo I, et al. **J Neurosurg** 39:255-60, Aug 73

Intravenous radionuclide hepatography in the differential diagnosis of intrahepatic mass lesions. Yeh SH, et al. **J Nucl Med** 14:565-7, Aug 73

Scintigraphy in traumatic lesions of liver and spleen. Evans GW, et al. **JAMA** 222:665-7, 6 Nov 72

Mallory-Weiss syndrome presenting as a gastric tumor. Espiritu CR, et al. **JFMA** 60:24-5, Mar 73

Symposium on maxillo-facial trauma. IV. Pitfalls in the treatment of mid-facial trauma. Smith HW. **Laryngoscope** 83:547-58, Apr 73

Frontal sinus barotrauma. Weissman B, et al. **Laryngoscope** 82:2160-8, Dec 72

E.N.T. case of the month. Miglets AW Jr. **Ohio State Med J** 69:114 passim, Feb 73

Ultrasonic diagnosis of juxtarenal masses. Holm HH, et al. **Scand J Urol Nephrol** 6:Suppl 15:83-8, 1972
Aspiration biopsy of thyroid nodules. Crile G Jr, et al. **Surg Gynecol Obstet** 136:241-5, Feb 73
Rectus abdominis muscle hematoma in pregnancy. Solano S, et al. **Va Med Mon** 100:340-3, Apr 73
[Unusual case of dural sarcomatosis simulating subdural hygroma] Kostka V, et al. **Cesk Neurol** 36:43-6, Jan 73 (Eng. Abstr.) **(Cze)**
[Inguinal and scrotal hernia in the bull] Hjorth P. **Nord Vet Med** 24:327-32, Jun 72 (Eng. Abstr.) **(Dan)**
[Adrenal cysts and pseudocysts] Leger L, et al. **J Chir (Paris)** 104:107-20, Sep 72 (Eng. Abstr.) **(Fre)**
[Neoplasm-simulating atypical periosteal reactions] Hellinger J, et al. **Beitr Orthop Traumatol** 19:721-31, Dec 72 **(Ger)**
[Follow-up studies on liver injuries using scintiscans] Burghard A, et al. **Fortschr Geb Roentgenstr Nuklearmed** 118:584-8, May 73 (Eng. Abstr.) **(Ger)**
[Prognosis in brain tumors in children] Majewska Z. **Pediatr Pol** 47:1493-7, Dec 72 (Eng. Abstr.) **(Pol)**
[Current method of exploration and neurosurgical treatment of cerebral vascular diseases] Obdu N, et al. **Neurol Psihiatr Neurochir** 17:321-32, Jul-Aug 72 **(Rum)**
[A case of traumatic intrapulmonary hematoma] Grushlavskiĭ GL. **Grudn Khir** 14:112, Jul-Aug 72 **(Rus)**
[Extensive retroperitoneal hematoma of the anterior abdominal wall] Murashevskii BN. **Klin Khir** 5:47-8, May 73 **(Rus)**
[Observation of the hemobilia syndrome] Zimovskii VL. **Klin Khir** 5:54-5, May 73 **(Rus)**
[A case of pulmonary hematoma erroneously diagnosed as tuberculoma] Ivannikov ID. **Probl Tuberk** 50:71, 1972 **(Rus)**
[Differential diagnostic importance of retroperitoneal novocaine block in blunt abdominal injuries] Grubnik VM. **Sov Med** 35:141-2, Apr 72 **(Rus)**
[Differential diagnosis of the complications of acute cranio-cerebral injuries] Macheret EL, et al. **Vrach Delo** 1:112-6, Jan 73 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Frontal sinus hematomas in aerospace medicine. Green RS, et al. **Aerosp Med** 44:205-9, Feb 73
Peripheral nerve damage resulting from local hemorrhage and ischemia. Benjamin HZ, et al. **Arch Phys Med Rehabil** 54:263-70, Jun 73
Frontal sinus barotrauma. Weissman B, et al. **Laryngoscope** 82:2160-8, Dec 72
Bacteroides and puerperal infections. Bosio BB Jr, et al. **Obstet Gynecol** 42:271-5, Aug 73
Streptokinase-streptodornase in the treatment of minor injuries. Matta M, et al. **Practitioner** 209:343-5, Sep 72
[Reparil Gel in sport medicine (apropos of 30 cases)] Niquet G, et al. **Lille Med** 17:Suppl 8:1612-3, Dec 72 **(Fre)**
[Can local medication promote the resorption of hematomas?] Arnold M, et al. **Fortschr Med** 91:346-50, 15 Mar 73 **(Ger)**
[Clinical experiences with a gel containing heparin] Schimpf A. **Fortschr Med** 89:Suppl:932-4, 26 Aug 71 **(Ger)**
[Double blind study on drug therapy of swellings and wound edemas following extremity fractures] Imig H, et al. **Med Welt** 24:547-8, 6 Apr 73 **(Ger)**
[Therapy of traumatic soft tissue swellings using Eumotol] Strauss J. **Med Welt** 24:542-3, 6 Apr 73 **(Ger)**
[Local therapy of contusions using an analgetic and antiexsudative gel] Brünger H. **Munch Med Wochenschr** 115:955-6, 18 May 73 **(Ger)**
[Local treatment of soft-part edemas and of hematomas following accidents] Bürger D, et al. **Z Allgemeinmed** 48:1304-5, 10 Oct 72 **(Ger)**
[Experiences with thiomucase in traumatology] Mahlke G. **Z Allgemeinmed** 49:33-4, 10 Jan 73 **(Ger)**
[Complications in treatment of isolated hematomas of the knee joints as a consequence of multiple intra-articular injections of hydrocortisone] Pietrak A. **Chir Narzadow Ruchu Ortop Pol** 38:293-6, 1973 (Eng. Abstr.) **(Pol)**
[Experience with the lidase treatment of traumatic lesions of the peripheral nerves (experimental morphological and clinical observation)] Madzhidov NM, et al. **Zh Nevropatol Psikhiatr** 73:679-84, 1973 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Serum enzyme changes after intramuscular bleeding in patients with haemophilia and Christmas disease. Forbes CD, et al. **J Clin Pathol** 25:1034-7, Dec 72
Histoenzymologic and biochemical investigations into the nervous tissue round an experimentally-induced cerebral hemorrhagic focus. Kreindler A, et al. **Rev Roum Neurol** 9:313-9, 1972

ETIOLOGY

Complications in translumbar aortography. A comparison of direct needle puncture and aortic catheterisation. Dorph S, et al. **Acta Radiol [Diagn] (Stockh)** 12:750-6, Nov 72
Frontal sinus hematomas in aerospace medicine. Green RS, et al. **Aerosp Med** 44:205-9, Feb 73
Cardiac pacemakers. Clinical experience with 289 patients. Seremetis MG, et al. **Am Heart J** 85:739-48, Jun 73
Hepatocellular carcinoma with Australia antigen and alpha-fetoglobulin in the serum: report of two cases. Specht HD, et al. **Am J Clin Pathol** 58:329-34, Sep 72
Fetal complications of amniocentesis. Grove CS, et al. **Am J Obstet Gynecol** 115:1154, 15 Apr 73
Femoro-cerebral angiography: analysis of 2,000 consecutive examinations, special emphasis on carotid arteries catheterization in older patients. Vitek JJ. **Am J Roentgenol Radium Ther Nucl Med** 118:633-47, Jul 73
Technical factors influencing morbidity in thyroid operations. Haff RC. **Am J Surg** 126:383-6, Sep 73
Occult injuries of the liver, bile duct, and pancreas after blunt abdominal trauma. Longmire WP Jr, et al. **Am J Surg** 125:661-6, Jun 73
Central venous pressure monitoring: complications and a new technic. James PM Jr, et al. **Am Surg** 39:75-81, Feb 73
Management of priapism. Moloney PJ, et al. **Am Surg** 38:671-5, Dec 72
Arteriovenous malformations of the brain. Parsons WR, et al. **Am Surg** 38:621-8, Nov 72
An unusual complication of endotracheal intubation: report of a case. Fine J, et al. **Anesth Analg (Cleve)** 52:204-6, Mar 73
Bilemia: an unusual complication of bile ducts stones. Antebi E, et al. **Ann Surg** 177:274-5, Mar 73
Renal allograft rupture: cause, clinical features and management. Lord RS, et al. **Ann Surg** 177:268-73, Mar 73
Dipyridamole and aspirin tested against an experimental model of thrombosis. Mayer JE Jr, et al. **Ann Surg** 178:108-12, Jul 73
Wound complications in recipients of renal transplants. Schweizer RT, et al. **Ann Surg** 177:58-62, Jan 73
Penetrating chest injuries in children. Bellinger SB. **Ann Thorac Surg** 14:635-44, Dec 72
Multiple circumscribed pulmonary hematomas masquerading as metastatic carcinoma. Engelman RM, et al. **Ann Thorac Surg** 15:291-4, Mar 73
Differential diagnosis in orbital injury. Internal carotid-cavernous sinus fistula, orbital, hematoma, blow-out fracture. Smith B, et al. **Arch Ophthalmol** 89:484-5, Jun 73
Correction of prominent ears. A new technique. Bruck HG. **Arch Otolaryngol** 98:10-3, Jul 73
Ruptured intrahepatic aneurysm. Erskine JM. **Arch Surg** 106:219-22, Feb 73
A combined technique for peripheral arterial embolectomy. Greep JM, et al. **Arch Surg** 105:869-74, Dec 72
Dextran 40 and thromboembolism in total hip replacement surgery. Rothermel JE, et al. **Arch Surg** 106:135-7, Feb 73
Intramural hematoma of the duodenum. Montasir A, et al. **Ariz Med** 30:23-7, Jan 73
Spontaneous intramural haematoma in the sigmoid colon of a haemophiliac. Harrison HC, et al. **Aust NZ J Surg** 42:69-70, Aug 72
The fibrin stabilizing factor, factor XIII. Duckert F. **Blut** 26:177-9, Mar 73 (11 ref.)
The skin in disseminated intravascular coagulation. Prospective analysis of thirty-six cases. Robboy SJ, et al. **Br J Dermatol** 88:221-9, Mar 73

Ocular hazards of playing squash rackets. Ingram DV, et al. **Br J Ophthalmol** 57:434-8, Jun 73

Soft tissue signs in recent sub-luxation and dislocation of the acromio-clavicular joint. Weston WJ. **Br J Radiol** 45:832-4, Nov 72

Central rupture of the liver with massive liver-cell necrosis. A case report and review of the literature. Soni SR, et al. **Br J Surg** 59:660-2, Aug 72

Intramuscular injection and coagulation defects. Berkessy S. **Br Med J** 1:358, 10 Feb 73

Intramuscular injection and coagulation defects. Dyk T. **Br Med J** 4:795, 30 Dec 72

Two unusual cases of secondary postpartum haemorrhage. Macvicar J, et al. **Br Med J** 2:29, 7 Apr 73

Iatrogenic rupture of the spleen. Mearns AJ. **Br Med J** 1:395-6, 17 Feb 73

Arterial haemorrhage in a drug addict. Willoughby CP, et al. **Br Med J** 2:307-8, 5 May 73

Hazards of laparoscopy. **Br Med J** 2:773, 30 Jun 73

Experimental studies on the chemotherapy of open fractures. 6. Experimental studies on the distribution of erythromycin, chloramphenicol, oxy-tetracyline, and lincomycin concentrations into bone marrow and fracture hematoma. Kondo S, et al. **Bull Osaka Med Sch** 18:159-89, Dec 72

Abdominal wall hematomas. Nadeau N, et al. **Can J Surg** 16:321-7, Sep 73

Spontaneous laceration of ascending aorta. Murray CA, et al. **Circulation** 47:848-58, Apr 73

Hematoma of the interatrial septum with heart block secondary to dissecting aneurysm of the aorta. A clinicopathologic entity. Yacoub MH, et al. **Circulation** 46:537-45, Sep 72

Wound healing--evisceration. Pratt JH. **Clin Obstet Gynecol** 16:126-34, Jun 73

Hemorrhage in gynecologic surgery. Twombly GH. **Clin Obstet Gynecol** 16:135-61, Jun 73

Prophylactic treatment with dextran 70 in total hip replacement. Mendes DG. **Clin Orthop** 90:110-5, Jan-Feb 73

A histological study of fracture healing within the uterus of the rabbit. Ris PM, et al. **Clin Orthop** 87:318-21, Sep 72

Management of nasal fractures in children. A review of current practices. Goode RL, et al. **Clin Pediatr (Phila)** 11:526-9, Sep 72

Angiography in diagnosis of subclavian vessel injury. Bar-Ziv J, et al. **Clin Radiol** 23:471-3, Oct 72

Radiologic evaluation of splenic trauma. Gold RE, et al. **CRC Crit Rev Radiol Sci** 3:453-87, Dec 72 (117 ref.)

Postoperative complications following dentoalveolar surgery. Osbon DB. **Dent Clin North Am** 17:483-504, Jul 73

Uterine perforation during removal of a broken Majzlin spring. Siegler AM, et al. **Fertil Steril** 23:776-8, Oct 72

Intramural hematoma of the duodenum complicating peroral intestinal biopsy with a Crosby capsule. Middleton PH, et al. **Gastroenterology** 63:869-71, Nov 72

A case of hypopituitarism associated with sickle cell trait. Robertson JC. **Guys Hosp Rep** 121:223-6, 1972

Patterns in traumatic rupture of the bronchus. Davies D, et al. **Injury** 4:261-4, Feb 73

Obstruction of second part of duodenum by retroperitoneal haematoma due to blunt abdominal trauma: a report of two cases. Gue S. **Injury** 4:65-8, Aug 72

Venous obstruction by anterior dislocation of the hip-joint. Hampson WG. **Injury** 4:69-73, Aug 72

Blunt abdominal trauma in patients with multiple injuries. Karaharju EO. **Injury** 4:307-10, May 73

Extradural hematoma of the anterior fossa. Ang AH, et al. **Int Surg** 57:918-20, Nov 72

Accidental rupture of the pregnant uterus. Anteby S, et al. **Int Surg** 58:267-8, Apr 73

Bleeding into the rectus abdominis muscle. Fletcher HS, et al. **Int Surg** 58:97-9, Feb 73

Surgery in Graves' disease: analysis after operation on 1,265 goiters. Reynier J. **Int Surg** 58:456-7, Jul 73

Complications of the surgical treatment of scoliosis. Pinto W de C. **Isr J Med Sci** 9:837-46, Jun 73

Clinical significance of traumatic occlusion of segmental spinal arteries. Parker AJ. **J Am Vet Med Assoc** 162:1041-2, 15 Jun 73

Wound healing after operations of patients with rheumatoid arthritis. Garner RW, et al. **J Bone Joint Surg [Br]** 55:134-44, Feb 73

Rupture of aortic aneurysm producing a hematoma in urological scars. Adar R, et al. **J Cardiovasc Surg (Torino)** 14:229-31, Mar-Apr 73

Subadventitial haematoma of the popliteal artery. Schramek A, et al. **J Cardiovasc Surg (Torino)** 14:447-51, Jul-Aug 73

Delayed traumatic intracerebral haemorrhage. Baratham G, et al. **J Neurol Neurosurg Psychiatry** 35:698-706, Oct 72

Aneurysm of the anterior choroidal artery with intraventricular hematoma and hydrocephalus. Case report. Papo I, et al. **J Neurosurg** 39:255-60, Aug 73

Fracture of first rib associated with laceration of subclavian artery. Report of a case and review of the literature. Galbraith NF, et al. **J Thorac Cardiovasc Surg** 65:649-52, Apr 73

Injuries to the axillary due to anterior dislocation of the shoulder. Antal CS, et al. **J Trauma** 13:584-6, Jun 73

Control of hemorrhage in pelvic crush injuries. Fleming WH, et al. **J Trauma** 13:567-70, Jun 73

The negative laparotomy for abdominal trauma. Lowe RJ, et al. **J Trauma** 12:853-61, Oct 72

Knee disarticulation as an amputation level. Utterback TD, et al. **J Trauma** 13:116-20, Feb 73

Spontaneous subcapsular renal hemorrhage: its significance and roentgenographic diagnosis. Pollack HM, et al. **J Urol** 108:530-3, Oct 72

Ureteral avulsion secondary to blunt abdominal injury. Rao CR. **J Urol** 110:188-90, Aug 73

Abnormal renal vasculature and renal trauma. Thomas SD, et al. **J Urol** 110:155-7, Aug 73

Small hypernephroma with subcapsular hematoma and renal infarction. Watnick M, et al. **J Urol** 108:534-6, Oct 72

Scintigraphy in traumatic lesions of liver and spleen. Evans GW, et al. **JAMA** 222:665-7, 6 Nov 72

Age-distribution of extradural haemorrhage without skull fracture. Galbraith SL. **Lancet** 1:1217-8, 2 Jun 73

Soft tissue technique in musculoplasty obliteration of mastoidectomy cavities. Turner J. **Laryngoscope** 82:1145-59, Jul 72

Frontal sinus barotrauma. Weissman B, et al. **Laryngoscope** 82:2160-8, Dec 72

Another unusual accident. Roberts JC. **Med J Aust** 2:282, 29 Jul 72

The hazards of umbilical cord haematoma. Roberts-Thomson ME. **Med J Aust** 1:648-50, 31 Mar 73

Subphrenic hematoma. Late complication of traumatic rupture of spleen. Suitor EH, et al. **NY State J Med** 72:2325-7, 15 Sep 72

Bacteroides and puerperal infections. Bosio BB Jr, et al. **Obstet Gynecol** 42:271-5, Aug 73

Analysis of female sterilization technics. Poulson AM Jr. **Obstet Gynecol** 42:131-5, Jul 73

Early results of Charnley-Müller total hip reconstruction. DeHaven KE, et al. **Orthop Clin North Am** 4:465-72, Apr 73

The fate of children sustaining severe head trauma during birth. Natelson SE, et al. **Pediatrics** 51:169-74, Feb 73

Severe bleeding during and after face-lifting operations under general anesthesia. Dingman RO. **Plast Reconstr Surg** 50:608, Dec 72

Abdominal panniculectomy after massive weight loss. Kamper MJ, et al. **Plast Reconstr Surg** 50:441-6, Nov 72

Expanding hematoma after rhytidectomy. A retrospective study. Rees TD, et al. **Plast Reconstr Surg** 51:149-53, Feb 73

Intramural small bowel hemorrhage: complication of sprue. Gerson DE, et al. **Radiology** 108:521-2, Sep 73

Hematoma of the IVth ventricle following a malformation of cerebellar vessels. Kreindler A, et al. **Rev Roum Neurol** 9:101-3, 1972

The blood-brain barrier in the cerebral edema of experimentally-induced cerebrovascular accidents. Schwartz B, et al. **Rev Roum Neurol** 9:123-34, 1972

Experiences with percutaneous renal biopsy. Bartels ED, et al. **Scand J Urol Nephrol** 6:Suppl 15:57-63, 1972

Gross hematuria caused by renal infarction. Report on two cases. Kontturi M, et al. **Scand J Urol Nephrol** 7:85-9, 1973

Ultrasonically guided percutaneous puncture of renal masses. Kristensen JK, et al. **Scand J Urol Nephrol** 6:Suppl 15:49-56, 1972

Radical neck dissection in carcinoma of the head and neck. Kerth JD, et al. **Surg Clin North Am** 53:179-90, Feb 73

Management of penetrating wounds of the neck. De la Cruz A, et al. **Surg Gynecol Obstet** 137:458-60, Sep 73

Ilioinguinal lymph node dissection for melanoma. Harris MN, et al. **Surg Gynecol Obstet** 136:33-9, Jan 73

Arteriography in occult splenic rupture. Horns JW, et al. **Surg Gynecol Obstet** 137:227-30, Aug 73

Thrombosis prophylaxis with dextran and warfarin in vascular operations. Kluge TH, et al. **Surg Gynecol Obstet** 135:941-4, Dec 72

A complication of percutaneous cannulation of the internal jugular vein. Wisheart JD, et al. **Thorax** 27:496-9, Jul 72

Rapid extracorporeal complement inactivations. Bier M, et al. **Trans Am Soc Artif Intern Organs** 19:130-7, 1973

Dacron arterio-venous shunts for vascular access in hemodialysis. Flores L, et al. **Trans Am Soc Artif Intern Organs** 19:33-7, 1973

Obturated permanent left atrial and aortic cannulae for assisted circulation after cardiac surgery. Litwak RS, et al. **Trans Am Soc Artif Intern Organs** 19:243-50, 1973

Rectus abdominis muscle hematoma in pregnancy. Solano S, et al. **Va Med Mon** 100:340-3, Apr 73

Massive extracranial hematomas in two squirrel monkeys. Frye FL. **Vet Med Small Anim Clin** 68:504-5, May 73

[Most frequent complications in the treatment of injured cervical spine] Kirschner R. **Rozhl Chir** 51:541-9, Sep 72 (Eng. Abstr.) (Cze)

[Clinical signs of severe ankle sprain: immediate hematoma] Bouillet R. **Acta Orthop Belg** 38:621-9, 1972 (Eng. Abstr.) (Fre)

[Complications of endoscopic resection in children] Bruézière J. **Acta Urol Belg** 41:82-7, Jan 73 (Fre)

[Peroperative bleeding in polycythemic patients] Bossy S, et al. **Anesth Analg (Paris)** 29:341-6, May-Jun 72 (Fre)

[Subclavian vein catheterization in resuscitation] Gouin F, et al. **Anesth Analg (Paris)** 29:333-9, May-Jun 72 (Fre)

[Spontaneous ruptures of the liver during pregnancy] Cady J, et al. **Ann Chir** 26:823-6, Sep 72 (Eng. Abstr.) (Fre)

[Thirty-three cases of major arterial lesions observed in limb injuries] Gouin JL, et al. **Ann Chir** 26:991-1002, Oct 72 (Eng. Abstr.) (Fre)

[Massive pulmonary embolism during bacillary tuberculous pneumonia. Remarkable effects of streptokinase] Rullière R, et al. **Ann Med Interne (Paris)** 124:239-46, Mar 73 (Fre)

[Weber-Christian syndrome associated with an alpha-1 antitrypsin deficiency. Familial investigation] Warter J, et al. **Ann Med Interne (Paris)** 123:877-82, Oct 72 (Fre)

[Recent data on stings of poisonous fishes of the Synanceja genus and disk electrophoresis study of their venom] Lagraulet J, et al. **Bull Soc Pathol Exot** 65:605-21, 1972 (Eng. Abstr.) (Fre)

[Severe complications of percutaneous retrograde arteriography. (apropos of 69 cases)] Cormier JM, et al. **J Chir (Paris)** 104:395-412, Nov 72 (Eng. Abstr.) (Fre)

[Nervous complications due to percutaneous retrograde catheterization of the axillary artery] Kerdiles Y, et al. **J Chir (Paris)** 104:323-30, Oct 72 (Eng. Abstr.) (Fre)

[Complications of selective coronarography. Statistical results of a survey of 3,066 cases] Grellet J. **J Radiol Electrol Med Nucl** 53:635-40, Aug-Sep 72 (Eng. Abstr.) (Fre)

[Prevention of injuries due to angiography by arterial catheterization. Our statistics] Padovani J, et al. **J Radiol Electrol Med Nucl** 54:113-8, Feb 73 (Eng. Abstr.) (Fre)

[Accidents during percutaneous retrograde arteriography. Apropos of 23 cases] Poilleux J. **Lyon Chir** 68:455-6, Nov-Dec 72 (Fre)

[Spontaneous renal subcapsular hematoma and periodic disease (apropos of a case)] Mongin M, et al. **Mars Med** 109:483-9, 1972 (Fre)

[Risks in parathyroid adenoma localization with arteriography and its risks] Dubost C. **Nouv Presse Med** 2:722, 17 Mar 73 (Fre)

[For whom is arterial catheterization dangerous?] Weill F, et al. **Nouv Presse Med** 1:2247, 30 Sep 72 (Fre)

[Neurofibromatosis, gigantism and subperiostal hematoma. 2 cases with extensive subperiostal bone formation on the long bones] Kullmann L, et al. **Rev Chir Orthop** 58:Suppl 1:237-40, 1972 (Fre)

[Cardiovascular contusions associated with thoracic injuries] Langlois J, et al. **Rev Chir Orthop** 59:Suppl 1:324-33, 1973 (Fre)

[Bronchopulmonary lesions in severe thoracic injuries] Ribet M. **Rev Chir Orthop** 59:Suppl 1:312-23, 1973 (Fre)

[Traumatic cervical extra-dural hematoma and medullary ischemia] Nehlil J, et al. **Rev Neurol (Paris)** 127:371-5, Sep 72 (Fre)

[Adverse effects of discal surgery. Complications, non-presence, failure, recurrence] Sèze S. **Rev Prat** 22:3177-82, 11 Sep 72 (Fre)

[Cryptogenic anti-8 inhibitor] Rochon M, et al. **Union Med Can** 100:2353-6, Dec 71 (Eng. Abstr.) (Fre)

[Callus production following bone fracture] Hauss WH, et al. **Chirurg** 44:263-8, Jun 73 (Eng. Abstr.) (Ger)

[Pseudotumors of the bone in hemophilia] Witzel L, et al. **Dtsch Med Wochenschr** 98:206-9, 2 Feb 73 (Eng. Abstr.) (Ger)

[Acute mediastinal syndrome caused by spontaneous hemorrhage in the thyroid region] Brühl W, et al. **Med Klin** 67:1594-6, 1 Dec 72 (Eng. Abstr.) (Ger)

[Therapy of traumatic soft tissue swellings using Eumotol] Strauss J. **Med Welt** 24:542-3, 6 Apr 73 (Ger)

[Results of surgical treatment in urethral strictures] Schmiedt E. **Munch Med Wochenschr** 115:33-6, 12 Jan 73 (Eng. Abstr.) (Ger)

[Lung biopsy] Vollhaber HH. **Schweiz Med Wochenschr** 102:1440-2, 14 Oct 72 (Eng. Abstr.) (Ger)

[Diagnosis and expert testimony of dens axis fractures] Zsernaviczky J, et al. **Z Orthop** 111:333-5, Jun 73 (Eng. Abstr.) (Ger)

[Cervical hematoma following carotid angiography during treatment with streptase] Basch A, et al. **Zentralbl Chir** 97:1765-8, 9 Dec 72 (Ger)

[Calcified and ossified hematoma following blunt kidney trauma] Hubmer G, et al. **Zentralbl Chir** 98:469-71, 30 Mar 73 (Ger)

[Sterilization using the laparoscope] Keith L. **Zentralbl Gynaekol** 14:1406-10, 21 Oct 72 (Ger)

[Significance and complications of percutaneous lumbar aortography] Elemér C, et al. **Orv Hetil** 114:1558-61, 1 Jul 73 (Hun)

[An unusual case of pathogenesis of hemopericardium] Illyés T, et al. **Orv Hetil** 113:2776-7, 12 Nov 72 (Hun)

[Pulmonary hematoma due to a closed thoracic trauma] Sanna G, et al. **G Clin Med** 53:45-62, Feb 72 (Eng. Abstr.) (Ita)

[Neonatal hemorrhagic manifestations of hemophilia] Digilio G, et al. **Minerva Pediatr** 24:1131-3, 14 Aug 72 (Ita)

[Injury of the radial nerve due to a post-traumatic calcified hematoma of the arm] Imieliński L, et al. **Chir Narzadow Ruchu Ortop Pol** 37:561-4, 1972 (Eng. Abstr.) (Pol)

[Early clinical manifestations of secondary damage to the brain stem following cranial trauma] Gerstenbrand F, et al. **Pol Tyg Lek** 28:1019-22, 2 Jul 73 (Eng. Abstr.) (Pol)

[Rare forms of complications in the course of influenza] Rosiak J, et al. **Pol Tyg Lek** 28:745-7, 14 May 73 (Eng. Abstr.) (Pol)

[Accidents in local anesthesia and their treatment] Aranda Lopez R. **An Esp Odontoestomatol** 31:397-414, Nov-Dec 72 (Spa)

[Spontaneous perirenal hematoma caused by angiomyolipoma] Cano Ruíz A, et al. **Rev Clin Esp** 129:201-6, 30 Apr 73 (Spa)

[Traumatic abdominal lesions in children] Ocaña Losa JM, et al. **Rev Esp Enferm Apar Dig** 39:171-8, 15 Jan 73 (Eng. Abstr.) (Spa)

[Lateral subcutaneous sphincterotomy in the treatment of chronic anal fissure] Hultén L. **Lakartidningen** 69:5217-20, 1 Nov 72 (Eng. Abstr.) (Swe)

[Expansive intracranial lesions following trauma to the head] Lindgren SO. **Lakartidningen** 70:1657-61, 18 Apr 73 (Eng. Abstr.) (Swe)

[Cervicofacial subcutaneous and mediastinal emphysema as a complication in dentistry] Skaug N. **Nor Tannlaegeforen Tid** 82:400-8, Sep 72 (Eng. Abstr.) (Swe)

IMMUNOLOGY

Hepatocellular carcinoma with Australia antigen and alpha-fetoglobulin in the serum: report of two cases. Specht HD, et al. **Am J Clin Pathol** 58:329-34, Sep 72

Cell-mediated tumor immunity measured in vitro and in vivo with soluble tumor-specific antigens. Meltzer MS, et al. **J Natl Cancer Inst** 49:727-34, Sep 72

[Iatrogenic lesions of coumarin treatment] Kausz L.
Zentralbl Chir 97:1758-60, 9 Dec 72 (Ger)

METABOLISM

Experimental studies on the chemotherapy of open fractures. 4. Experimental studies on the distribution of the aminoglycosidic antibiotic concentrations in the bone marrow and fracture hematomas. Kondo S.
Bull Osaka Med Sch 18:74-97, Jun 72
Experimental studies on the chemotherapy of open fractures. 5. Clinical studies on the distribution of aminoglycosidic antibiotic concentrations in bone marrow and in fracture hematomas. Kondo S.
Bull Osaka Med Sch 18:98-114, Jun 72
Experimental studies on the chemotherapy of open fractures. 6. Experimental studies on the distribution of erythromycin, chloramphenicol, oxy-tetracyline, and lincomycin concentrations into bone marrow and fracture hematoma. Kondo S, et al.
Bull Osaka Med Sch 18:159-89, Dec 72
Experimental studies on the chemotherapy of open fractures. 8. Clinical studies on the concentrations of erythromycin, chloramphenicol, oxy-tetracycline, and lincomycin locally administered into human bone marrow hematomas. Kondo S, et al.
Bull Osaka Med Sch 18:203-7, Dec 72
The synergistic effect of hypoglycemia and L-asparaginase upon transplantable hepatomas of varying growth rates. Becker FF, et al.
Cancer Res 32:2082-4, Oct 72
Oxygen tension of healing fractures in the rabbit. Brighton CT, et al.
J Bone Joint Surg [Am] 54:323-32, Mar 72

MORTALITY

Temporal lobe contusion and haematoma. Heiskanen O, et al. Acta Neurochir (Wien) 27:29-35, 1972

OCCURRENCE

Dextran 40 and thromboembolism in total hip replacement surgery. Rothermel JE, et al.
Arch Surg 106:135-7, Feb 73
Why not Pfannenstiel's incision? Biswas KK.
Obstet Gynecol 41:303-7, Feb 73

PATHOLOGY

Benign mixed mesodermal tumors of the uterus: a histogenetic study. Demopoulos RI, et al.
Am J Clin Pathol 60:377-83, Sep 73
Problems in the diagnosis of malignant melanomas of the choroid and ciliary body. The 1972 Arthur J. Bedell Lecture. Zimmerman LE.
Am J Ophthalmol 75:917-29, Jun 73 (47 ref.)
Bilemia: an unusual complication of bile ducts stones. Antebi E, et al. Ann Surg 177:274-5, Mar 73
So-called hamartoma of the lung--a true neoplasm of fibrous connective tissue of the bronchi. Bateson EM.
Cancer 31:1458-67, Jun 73
Spontaneous laceration of ascending aorta. Murray CA, et al. Circulation 47:848-58, Apr 73
Hematoma of the interatrial septum with heart block secondary to dissecting aneurysm of the aorta. A clinicopathologic entity. Yacoub MH, et al.
Circulation 46:537-45, Sep 72
Wound healing--evisceration. Pratt JH.
Clin Obstet Gynecol 16:126-34, Jun 73
Uterine perforation during removal of a broken Majzlin spring. Siegler AM, et al. Fertil Steril 23:776-8, Oct 72
Delayed traumatic intracerebral haemorrhage. Baratham G, et al.
J Neurol Neurosurg Psychiatry 35:698-706, Oct 72
Spontaneous aortic rupture through atheromatous plaque. Calick A, et al.
NY State J Med 73:2068-70, 15 Aug 73
Dissecting aneurysm of the aorta. Gore I, et al.
Prog Cardiovasc Dis 16:103-11, Sep-Oct 73 (52 ref.)
Histoenzymologic and biochemical investigations into the nervous tissue round an experimentally-induced cerebral hemorrhagic focus. Kreindler A, et al.
Rev Roum Neurol 9:313-9, 1972
[Unusual case of dural sarcomatosis simulating subdural hygroma] Kostka V, et al.
Cesk Neurol 36:43-6, Jan 73 (Eng. Abstr.) (Cze)
[Failure of assisted ventilation in a woman with multiple injuries and pulmonary contusion] Muller JM, et al.
Anesth Analg (Paris) 29:713-30, Sep-Oct 72 (Fre)
[Aphasia and the localization of brain lesions. 1. Aphasic patients with relatively localized brain lesions] Otsuka A, et al.
Clin Neurol (Tokyo) 12:15-22, Jan 72 (Eng. Abstr.) (Jap)
[Cutaneous form of periarteritis nodosa. Death due to perirenal hematoma] Dyk T, et al.
Pol Tyg Lek 27:1281-2, 14 Aug 72 (Eng. Abstr.) (Pol)
[Experience with the lidase treatment of traumatic lesions of the peripheral nerves (experimental morphological and clinical observation)] Madzhidov NM, et al.
Zh Nevropatol Psikhiatr 73:679-84, 1973 (Eng. Abstr.) (Rus)

PHYSIOPATHOLOGY

Frontal sinus hematomas in aerospace medicine. Green RS, et al. Aerosp Med 44:205-9, Feb 73
Ileus in retroperitoneal haematoma. Drew JH.
Med J Aust 1:246-8, 3 Feb 73
[Callus production following bone fracture] Hauss WH, et al. Chirurg 44:263-8, Jun 73 (Eng. Abstr.) (Ger)
[Clinically symptomless of symptom-poor space-occupying intracranial hematomas] Probst C.
Schweiz Arch Neurol Neurochir Psychiatr 111:377-91, 1972 (Eng. Abstr.) (Ger)

PREVENTION & CONTROL

Suction flow drainage in head and neck surgery. A new principle for postoperative suction drainage. Hallén O, et al. Ann Otol Rhinol Laryngol 82:370-3, May-Jun 73
Delaying of flaps. A useful adjunct. Williams CW.
Br J Plast Surg 26:61-5, Jan 73
Vasectomy in the surgery. Brown CG.
Br Med J 4:553, 2 Dec 72
Prophylactic treatment with dextran 70 in total hip replacement. Mendes DG.
Clin Orthop 90:110-5, Jan-Feb 73
Subgaleal closed suction drainage in craniotomies. Sudmann E. J Oslo City Hosp 23:77-82, Apr 73
The use of 'Chymoral' in vasectomy. De N'Yeurt A.
J R Coll Gen Pract 22:633-7, Sep 72
Plication sutures for prevention of scrotal haematoma. O'Collins J. Med J Aust 2:1148-9, 11 Nov 72
Viability of split-skin grafts from pigs following incubation on autologous blood or serum for various periods. Creech BJ, et al.
Plast Reconstr Surg 51:572-4, May 73
Effective practical steps to avoid complications in face-lifting. Review of 105 consecutive cases. McDowell AJ. Plast Reconstr Surg 50:563-72, Dec 72
More on the "no-dressing" technique. Millard DR Jr.
Plast Reconstr Surg 51:577-8, May 73
The aftercare of rhytidectomies with the "no-dressing" technique. Morgan BL.
Plast Reconstr Surg 51:576-7, May 73
Experiences with central venous and pulmonary artery pressure in a series of 3,500 patients. James PM Jr, et al. South Med J 65:1299-307, Nov 72
Experience in the operative management of penetrating injuries of the neck. Enker WE, et al.
Surg Clin North Am 53:87-95, Feb 73
[Prevention of injuries due to angiography by arterial catheterization. Our statistics] Padovani J, et al.
J Radiol Electrol Med Nucl 54:113-8, Feb 73 (Eng. Abstr.) (Fre)
[Treatment of vaginal hydrocele] Novak R.
J Urol Nephrol (Paris) 79:47-9, Jan-Feb 73 (Eng. Abstr.) (Fre)
[Prevention of hematoma in surgery of varices] Dunant JH, et al. Praxis 61:950-1, 18 Jul 72 (Ger)

RADIOGRAPHY

Angiographic appearances of an intramuscular hematoma. Thomas ML, et al.
Acta Radiol [Diagn] (Stockh) 14:65-8, Jan 73
Selective angiography in splenic trauma. Awe WC, et al.
Am J Surg 126:171-9, Aug 73
Intramural hematoma of the duodenum in children: review of literature and report of two cases. Andersson A, et al. Am Surg 39:402-5, Jul 73
Multiple circumscribed pulmonary hematomas masquerading as metastatic carcinoma. Engelman RM, et al. Ann Thorac Surg 15:291-4, Mar 73
Soft tissue signs in recent sub-luxation and dislocation

of the acromio-clavicular joint. Weston WJ. **Br J Radiol** 45:832-4, Nov 72

An angiographic study of sequential changes in hypertensive intracerebral haemorrhage. Yamaguchi K, et al. **Br J Radiol** 46:125-30, Feb 73

Arteriography and minor splenic injury. Brindle MJ. **Clin Radiol** 23:174-80, Apr 72

Abdominal wall masses in children. Khajavi A, et al. **Clin Radiol** 23:495-9, Oct 72

Radiologic evaluation of splenic trauma. Gold RE, et al. **CRC Crit Rev Radiol Sci** 3:453-87, Dec 72 (117 ref.)

Angiography of the primary retroperitoneal tumors. Lowman RM. **CRC Crit Rev Radiol Sci** 3:389-423, 1972 (123 ref.)

Extradural hematoma of the anterior fossa. Ang AH, et al. **Int Surg** 57:918-20, Nov 72

Clinical significance of traumatic occlusion of segmental spinal arteries. Parker AJ. **J Am Vet Med Assoc** 162:1041-2, 15 Jun 73

Abnormal renal vasculature and renal trauma. Thomas SD, et al. **J Urol** 110:155-7, Aug 73

Small hypernephroma with subcapsular hematoma and renal infarction. Watnick M, et al. **J Urol** 108:534-6, Oct 72

Cardiovascular anachronisms. Phrases and concepts that should disappear but haven't. Daves ML. **JAMA** 224:879-83, 7 May 73

Mallory-Weiss syndrome presenting as a gastric tumor. Espiritu CR, et al. **JFMA** 60:24-5, Mar 73

Conray ventriculography carried out as seriography on a biplane serial changer. Karle A, et al. **Neuroradiology** 5:145-9, Jun 73

Pelvic lipomatosis: an emerging entity. Rosenthal RS, et al. **Pa Med** 76:41-2, Aug 73

The acute management of the patient with spinal cord injury and associated multiple injuries. Cheshire DJ. **Proc Veterans Adm Spinal Cord Inj Conf** 18:87-96, 1971

Association of subcapsular hematomas with the nonfunctioning kidney. Koehler PR, et al. **Radiology** 106:537-42, Mar 73

Arteriography of retroperitoneal masses. Levin DC, et al. **Radiology** 108:543-51, Sep 73

Pseudoperipheral haematoma. Danziger J, et al. **S Afr Med J** 46:1416, 30 Sep 72

Anticoagulant-induced intramural haematoma of the bowel. Lloyd DA, et al. **S Afr Med J** 47:734-8, 5 May 73

Primary diseases of the cerebral blood vessels. George AE, et al. **Semin Roentgenol** 6:34-47, Jan 71

The acute abdomen in the pediatric age group. Singleton EB, et al. **Semin Roentgenol** 8:339-56, Jul 73

Arteriography in occult splenic rupture. Horns JW, et al. **Surg Gynecol Obstet** 137:227-30, Aug 73

Massive extracranial hematomas in two squirrel monkeys. Frye FL. **Vet Med Small Anim Clin** 68:504-5, May 73

[Kidney and spleen rupture in a multiply injured patient. Value of selective arteriography for the simultaneous surgical treatment of both lesions] Laporte F, et al. **J Urol Nephrol (Paris)** 78:511-21, Jun 72 **(Fre)**

[Spontaneous intracerebrallar hematoma] Del Vivo RE, et al. **Schweiz Arch Neurol Neurochir Psychiatr** 111:463-72, 1972 (Eng. Abstr.) **(Fre)**

[Avoidable diagnostic errors in radiography of the female breast. (Mammographies)] Barth V, et al. **Dtsch Med Wochenschr** 98:272-6, 9 Feb 73 **(Ger)**

[Intramural hematomas of the small intestine in dicumarol treatment] Härtel M. **Fortschr Geb Roentgenstr Nuklearmed** 117:306-11, Sep 72 (Eng. Abstr.) **(Ger)**

[Renal haematoma during anticoagulant therapy] Voegeli E, et al. **Fortschr Geb Roentgenstr Nuklearmed** 117:187-91, Aug 72 (Eng. Abstr.) **(Ger)**

[Radiodiagnosis of urinary tract injuries] Bandtlow KH. **Monatsschr Unfallheilkd** 75:350-6, Aug 72 (36 ref.) (Eng. Abstr.) **(Ger)**

[Lung heart and mediastinal injuries due to blunt thoracic trauma in the x-ray picture] Schmoller H. **Munch Med Wochenschr** 115:991-7, 25 May 73 (Eng. Abstr.) **(Ger)**

[Phlebography of the orbit] Tornow K. **Radiologe** 12:403-8, Dec 72 **(Ger)**

[Diagnosis and expert testimony of dens axis fractures] Zsernaviczky J, et al. **Z Orthop** 111:333-5, Jun 73 (Eng. Abstr.) **(Ger)**

[Pulmonary hematoma due to a closed thoracic trauma] Sanna G, et al. **G Clin Med** 53:45-62, Feb 72 (Eng. Abstr.) **(Ita)**

[Extravasation of contrast media in hypertensive cerebral hemorrhage] Yamaguchi K, et al. **Jap J Clin Radiol** 17:257-63, Apr 72 **(Jap)**

[The possibility of clinico-x-ray diagnosis of non-epithelial tumors of the superior region of the stomach] Skotnikov VI. **Vopr Onkol** 18:82-5, 1972 **(Rus)**

SURGERY

A case of ruptured aortic aneurysm associated with horseshoe kidney. Vereecken L, et al. **Acta Chir Belg** 72:46-9, Jan 73

Temporal lobe contusion and haematoma. Heiskanen O, et al. **Acta Neurochir (Wien)** 27:29-35, 1972

Frontal sinus hematomas in aerospace medicine. Green RS, et al. **Aerosp Med** 44:205-9, Feb 73

An unusual complication of endotracheal intubation: report of a case. Fine J, et al. **Anesth Analg (Cleve)** 52:204-6, Mar 73

Traumatic rupture of the aorta. Symbas PN, et al. **Ann Surg** 178:6-12, Jul 73

Intramural hematoma of the duodenum. Montasir A, et al. **Ariz Med** 30:23-7, Jan 73

Spontaneous intramural haematoma in the sigmoid colon of a haemophiliac. Harrison HC, et al. **Aust NZ J Surg** 42:69-70, Aug 72

Management of haemorrhoids and associated ano-rectal conditions. Carden AB. **Drugs** 4:75-80, 1972

Obstruction of second part of duodenum by retroperitoneal haematoma due to blunt abdominal trauma: a report of two cases. Gue S. **Injury** 4:65-8, Aug 72

Extradural hematoma of the anterior fossa. Ang AH, et al. **Int Surg** 57:918-20, Nov 72

Posttraumatic acute acalculous cholecystitis. Blatt JM, et al. **Int Surg** 57:982-3, Dec 72

Pancreatic and duodenal trauma in children. Stone HH. **J Pediatr Surg** 7:670-5, Dec 72

Control of hemorrhage in pelvic crush injuries. Fleming WH, et al. **J Trauma** 13:567-70, Jun 73

Ureteral avulsion secondary to blunt abdominal injury. Rao CR. **J Urol** 110:188-90, Aug 73

Abnormal renal vasculature and renal trauma. Thomas SD, et al. **J Urol** 110:155-7, Aug 73

Nail elevator. McKay I. **Lancet** 808:864, 21 Apr 73

Nail elevator. McKay I. **Lancet** 1:864, 21 Apr 73

Frontal sinus barotrauma. Weissman B, et al. **Laryngoscope** 82:2160-8, Dec 72

Abdominal surgery. I. Welch CE. **N Engl J Med** 288:609-16, 22 Mar 73 (106 ref.)

Delivery through central rupture of the perineum. Jovanovic D, et al. **Obstet Gynecol** 40:594-8, Oct 72

Expanding hematoma after rhytidectomy. A retrospective study. Rees TD, et al. **Plast Reconstr Surg** 51:149-53, Feb 73

The effect of denervation of cerebral blood vessels of experimental cerebral hemorrhage. Appel E, et al. **Rev Roum Neurol** 9:85-94, 1972

Hematomas of the brain stem. Case report. Tolosa E. **Schweiz Arch Neurol Neurochir Psychiatr** 111:447-52, 1972

EKG changes after spinal subarachnoid hemorrhage. Yarnell PR, et al. **Stroke** 4:156-9, Mar-Apr 73

[Hematoma of the vulva] Kirkels VG, et al. **Ned Tijdschr Geneeskd** 117:257-63, 17 Feb 73 (Eng. Abstr.) **(Dut)**

[A case of intramural hematoma of the small bowel during anticoagulant therapy. Resection and cure] Gillet M, et al. **Acta Chir Belg** 71:352-61, Oct 72 (Eng. Abstr.) **(Fre)**

[Postoperative thromboembolic accident observed during estro-progestative treatment. Apropos of a case] Hervet E, et al. **Bull Fed Soc Gynecol Obstet Lang Fr** 23:568-9, Nov-Dec 71 **(Fre)**

[Neurofibromatosis, gigantism and subperiostal hematoma. 2 cases with extensive subperiostal bone formation on the long bones] Kullmann L, et al. **Rev Chir Orthop** 58:Suppl 1:237-40, 1972 **(Fre)**

[Traumatic cervical extra-dural hematoma and medullary ischemia] Nehili J, et al. **Rev Neurol (Paris)** 127:371-5, Sep 72 **(Fre)**

[Spontaneous intracerebrallar hematoma] Del Vivo RE, et al. **Schweiz Arch Neurol Neurochir Psychiatr** 111:463-72, 1972 (Eng. Abstr.) **(Fre)**

[Pseudotumors of the bone in hemophilia] Witzel L, et

al.
Dtsch Med Wochenschr 98:206-9, 2 Feb 73 (Eng. Abstr.) (Ger)
[Some indications for left splenopancreatectomy] Bancu VE, et al.
Chirurgia (Bucur) 21:29-34, Jan 72 (Rum)
[Factors determining the results of surgical treatment in acute traumatic intracranial hematomas] Isakov IuV. **Vestn Khir** 108:103-8, Nov 72 (Eng. Abstr.) (Rus)

THERAPY

Early treatment of war wounds of the hand and forearm in Vietnam. Jabaley ME, et al.
Ann Surg 177:167-73, Feb 73
Wound complications in recipients of renal transplants. Schweizer RT, et al. **Ann Surg** 177:58-62, Jan 73
Ruptured intrahepatic aneurysm. Erskine JM.
Arch Surg 106:219-22, Feb 73
Abdominal wall hematomas. Nadeau N, et al.
Can J Surg 16:321-7, Sep 73
Hysterectomy complications. Levinson CJ.
Clin Obstet Gynecol 15:802-26, Sep 72 (16 ref.)
Diagnosing and treating common disorders of the larynx. Yonkers AJ. **Geriatrics** 28:150-5, Apr 73
Management of autoimmune thrombocytopenia in pregnancy and in the neonate. Territo M, et al.
Obstet Gynecol 41:579-84, Apr 73
Anticoagulant-induced intramural haematoma of the bowel. Lloyd DA, et al. **S Afr Med J** 47:734-8, 5 May 73
[A case of intramural hematoma of the small bowel during anticoagulant therapy. Resection and cure] Gillet M, et al.
Acta Chir Belg 71:352-61, Oct 72 (Eng. Abstr.) (Fre)
[Iatrogenic lesions of coumarin treatment] Kausz L.
Zentralbl Chir 97:1758-60, 9 Dec 72 (Ger)
[Treatment of otohematoma] Morozov IA.
Vestn Otorinolaringol 35:102-3, Mar-Apr 73 (Eng. Abstr.) (Rus)

VETERINARY

Massive extracranial hematomas in two squirrel monkeys. Frye FL.
Vet Med Small Anim Clin 68:504-5, May 73
True haemophilia in horses. Archer RK, et al.
Vet Rec 91:655-6, 23 Dec 72

HEMOPHILIA

Surgical reconstruction of the haemophilias. Duthie RB. **Acta Orthop Belg** 39:485-94, Mar-Apr 73
Personal burdens in hemophilia. Hirshman RJ, et al.
Ann Intern Med 77:651-2, Oct 72
Hemophilia in otolaryngology. Current concepts. Weissman BW, et al. **Arch Otolaryngol** 95:526-9, Jun 72
Severe allergic pulmonary oedema after plasma transfusion. Kernoff PB, et al.
Br J Haematol 23:777-81, Dec 72
Clot failure in pregnancy. **Br Med J** 4:628, 16 Dec 72
Coagulation problems. Czapek EE.
Int Anesthesiol Clin 11:175-201, Summer 73 (66 ref.)
A survey of hepatitis in laboratories. Grist NR.
J Clin Pathol 26:388, May 73
Evaluation of dental procedures on hemophilic patients in a comprehensive program for the care of hemophilia. 2. Chiono O.
J Nihon Univ Sch Dent 15:1-9, Mar 73
Evaluation of dental procedures on hemophilic patients in a comprehensive program for the care of hemophilia. 1. Chiono O.
J Nihon Univ Sch Dent 14:113-21, Dec 72
Personality characteristics of hemophiliacs. Olch D.
J Pers Assess 35:72-9, Feb 71
Hemophilia. Schick PK.
Med Clin North Am 57:1095-106, Jul 73 (52 ref.)
The partial thromboplastin time test: distinction between inhibitor and clotting-factor deficiency. Knights SF, et al. **Med Lab Technol** 30:43-7, Jan 73
Working with parents of children with hemophilia. Burke C. **Nurs Clin North Am** 7:787-98, Dec 72
Hemophilia: the new look. Patterson PC.
Nurs Clin North Am 7:777-85, Dec 72
Management of a hemophilic with a dental abscess and subsequent root canal therapy and apicoectomy. Richter S, et al. **NY State Dent J** 39:11-4, Jan 73
Tooth extractions in hemophiliacs after administration of a single dose of factor VIII or factor IX concentrate supplemented with AMCA. Björlin G, et al.
Oral Surg 36:482-9, Oct 73
Fibrinolysis: a possible factor in the control of postoperative hemorrhage in the patient with hemophilia. Bump RL, et al.
Oral Surg 36:195-200, Aug 73
Case report. 2. Open-heart surgery on a hemophiliac. Clarke N. **RN** 36:44-7, Apr 73
Case report. 1. Increasing freedom for the hemophiliac. Shafran R. **RN** 36:39-43, Apr 73
An underwriting approach to the hemophiliac disorders. Richardson JH.
Trans Assoc Life Ins Med Dir Am 55:39-55, 1972
[Antihemophilic cryoprotein in dentoalveolar surgery in hemophilia A] Majer P, et al.
Cesk Stomatol 73:261-4, 1973 (Eng. Abstr.) (Cze)
[Dental anesthesia in handicapped children] Caeymaex MM. **Rev Belge Med Dent** 28:65-70, Jan 73 (Fre)
[Hemophilia] Labrune B. **Soins** 17:7-11, Nov 72 (Fre)
["Genetic counseling"]
Geburtshilfe Frauenheilkd 33:525-40, Jul 73 (Eng. Abstr.) (Ger)
[Psychosocial aspects of hemophilia] Steinhausen HC.
Oeff Gesundheitswes 34:605-10, Oct 72 (Eng. Abstr.) (Ger)
[Hemophilia as a surgical problem] Wöllenweber HD, et al. **Zentralbl Chir** 97:1541-50, 28 Oct 72 (Ger)
[Neonatal hemorrhagic manifestations of hemophilia] Digilio G, et al.
Minerva Pediatr 24:1131-3, 14 Aug 72 (Ita)
[Dentistry for the hemophiliac] Vichi F.
Riv Ital Stomatol 26:709-12, Sep 71 (Ita)
[The clinical management of hemophiliacs. The first report--dental extraction] Mimaya J, et al.
Jap J Clin Hematol 14:129-35, Feb 73 (Eng. Abstr.) (Jap)
[Advances in prophylaxis, therapy and surgical procedures in patients with hemophilia A] Rudowski W. **Przegl Lek** 30:489-93, 1973 (Pol)
[Exodontia in hemophiliacs] Gandelmann HA.
Rev Bras Odontol 29:66-81, Mar-Apr 72 (Por)
[Emergency anesthesia and diseases of genetic origin] Lesaru-Soltuz V, et al.
Chirurgia (Bucur) 21:569-74, Jun 72 (Rum)
[Direct blood transfusion in case of hemorrhage after tooth extraction in patients with hemophilia] Ruzin GP, et al.
Stomatologiia (Mosk) 52:81, May-Jun 73 (Rus)
[Bleeding in oral surgery] Radmilo R, et al.
Stomatol Glas Srb 240-3, Aug-Oct 72 (Eng. Abstr.) (Cro)

BLOOD

Inactive factor VIII in hemophilia A and Willebrand's disease. A study of 117 cases. Lechner K.
Acta Haematol (Basel) 48:257-68, 1972
The histochemistry of fibrinolysis in haemophilic synovial membranes. Storti E, et al.
Acta Haematol (Basel) 49:142-53, 1973
A standardized test of platelet adhesiveness. Zacharski LR, et al. **Am J Clin Pathol** 58:422-7, Oct 72
Von Willebrand's disease type B: a newly defined bleeding diathesis. Firkin B, et al.
Aust NZ J Med 3:225-9, Jun 73
Successful management of a subdural hematoma in a hemophiliac with an anti-factor VIII antibody. Edson JR, et al. **Blood** 41:113-22, Jan 73
Direct assessment of platelet adhesion to glass: a study of the forces of interaction and the effects of plasma and serum factors, platelet function, and modification of the glass surface. George JN.
Blood 40:862-74, Dec 72
Application of immunological techniques to the study of classic haemophilia and von Willebrand's disease. Bennett B. **Br J Haematol** 25:273-4, Aug 73
Studies on the nature of antihemophilic factor (factor VIII). Further evidence relating the AHF-like antigens in normal and hemophilic plasmas. Bennett B, et al. **J Clin Invest** 52:2191-7, Sep 73
The subunit structure of normal and hemophilic factor VIII. Shapiro GA, et al.
J Clin Invest 52:2198-210, Sep 73
The role of phospholipids in haemophilia A. Kunz F, et al. **Klin Wochenschr** 50:1058-60, 15 Nov 72
Low-molecular-weight factor VIII. Bloom AL, et al.
Lancet 1:661-2, 24 Mar 73
Low-molecular-weight factor VIII. Bloom AL, et al.
Lancet 1:1000, 5 May 73
Studies on blood coagulation. II. Kinetic study of the interaction between antihemophilic globulin and

antithrombin 3 in normal and hemophilic sera. Gang NF, et al. **Mt Sinai J Med NY 39:429-34, Sep-Oct 72**

Immunologic heterogeneity of hemophilia. Colman RW. **N Engl J Med 288:369-70, 15 Feb 73**

Immunological studies of factor VIII in haemophilia and von Willebrand's disease. Grainick HR, et al. **Nature [New Biol] 244:281-2, 29 Aug 73**

Factor 8 activity in haemophkilic plasma unmasked by synthetic organic anions. Von Kaulla E, et al. **Nature [New Biol] 240:144-5, 29 Nov 72**

Von Willebrand's disease in pregnancy. Noller KL, et al. **Obstet Gynecol 41:865-72, Jun 73**

A 1973 look at hemophilia and von Willebrand's disease. Ratnoff OD.
Proc Inst Med Chic 29:296-304, May-Jun 73 (44 ref.)

The procoagulant activity of granulocytes. Saba HI, et al. **Proc Soc Exp Biol Med 142:614-20, Feb 73**

The laboratory assessment of the efficacy of antihaemophilic therapy. Lurie A.
S Afr Med J 46:1180-5, 19 Aug 72

Detection of carriers of classic haemophilia. Bennett B, et al. **Scott Med J 18:63, Mar 73**

Effect of plasma and platelet concentrate infusions on factor VIII, platelet adhesiveness, and bleeding time in bleeder swine. Cornell CN, et al.
Thromb Diath Haemorrh 28:431-9, 31 Dec 72

Paradoxical bleeding in intensively transfused hemophilics: alteration of platelet function. Hathaway WE, et al. **Transfusion 13:6-12, Jan-Feb 73**

[Study of the "in vivo" activity of factor VIII or factor IX after injection of several concentrates: practical applications] Allain JP.
Nouv Rev Fr Hematol 12:241-9, Mar-Apr 72 (Eng. Abstr.) (Fre)

[Circulating anticoagulants in hemophilia] Josso F, et al.
Rev Fr Transfus 15:281-98, Sep 72 (Eng. Abstr.) (Fre)

[Molecular-biology findings on various blood clotting factors] Fiedler H.
Folia Haematol (Leipz) 98:121-39, 1972 (121 ref.) (Eng. Abstr.) (Ger)

[Inactive factor VIII in hemophilia A and Willebrand's disease] Lechner K.
Verh Dtsch Ges Inn Med 78:710-3, 1972 (Ger)

[Blood coagulation disorders caused by abnormal blood coagulation factors] Fiedler H.
Z Aerztl Fortbild (Jena) 66:692-8, 1 Jul 72 (Ger)

[Changes of serum haptoglobin after splenectomy in hereditary spherocytosis and idiopathic thrombocytopenic purpura] Oshiro T, et al.
Jap J Clin Hematol 14:18-28, Jan 73 (Eng. Abstr.) (Jap)

[On the coagulation factors from V through XIII] Yoshida K, et al.
Jap J Clin Med 31:755-64, Apr 73 (66 ref.) (Jap)

[Determination of platelet adhesiveness by the modified Hellem II method] Nakazawa S, et al.
Jap J Clin Pathol 20:561-4, Aug 72 (Jap)

CLASSIFICATION

The detection of factor-VIII-like antigen in haemophilic carriers and in patients with raised levels of biologically active factor VIII. Denson KW.
Br J Haematol 24:451-61, Apr 73

[Neonatal hemorrhagic manifestations of hemophilia] Digilio G, et al.
Minerva Pediatr 24:1131-3, 14 Aug 72 (Ita)

[Evolution of etiopathogenetic knowledge of hemophilia syndromes] Morrone G.
Pediatria (Napoli) 80:170-85, 1972 (80 ref.) (Ita)

COMPLICATIONS

Acute superficial phlebitis in a patient with hemophilia A. Probably an iatrogenic effect. Girolami A, et al.
Acta Haematol (Basel) 48:307-11, 1972

The histochemistry of fibrinolysis in haemophilic synovial membranes. Storti E, et al.
Acta Haematol (Basel) 49:142-53, 1973

Surgical reconstruction of the haemophilias. Duthie RB. **Acta Orthop Belg 39:485-94, Mar-Apr 73**

Controlled trial of joint aspiration in acute haemophilic haemarthrosis. Ingram GI, et al.
Ann Rheum Dis 31:423, Sep 72

Cystic acne as a source of bleeding in hemophilia. Leyden JJ, et al. **Arch Dermatol 107:465-6, Mar 73**

Spinal cord compression as a complication of haemophilia. Keely ML, et al.
Arch Dis Child 47:826-8, Oct 72

Elective ocular surgery in hemophilia. Richards RD, et al. **Arch Ophthalmol 89:167-8, Feb 73**

Spontaneous intramural haematoma in the sigmoid colon of a haemophiliac. Harrison HC, et al.
Aust NZ J Surg 42:69-70, Aug 72

A controlled trial of joint aspiration in acute haemophilic haemarthrosis. Ingram GI, et al.
Br J Haematol 23:649-54, Dec 72

Severe allergic pulmonary oedema after plasma transfusion. Kernoff PB, et al.
Br J Haematol 23:777-81, Dec 72

A three-year study of adolescent boys suffering from haemophilia and allied disorders. Rainsford SG, et al.
Br J Haematol 24:539-51, May 73

Roentgen irradiation for chronic hemorrhage from an ulcer in a hemophiliac. Chen YF.
J Bone Joint Surg [Am] 54:1783-6, Dec 72

Lower extremity amputation in hemophilia. Case report and review of surgical principles. Staas WE Jr, et al. **J Bone Joint Surg [Am] 54:1514-22, Oct 72**

Haemostatic aberrations in orthopaedic practice. Jha BK, et al. **J Indian Med Assoc 59:115-7, 1 Aug 72**

Femoral neuropathy due to haemorrhage into iliacus muscle. Pal S. **J Indian Med Assoc 59:114-5, 1 Aug 72**

Haemophilia presenting as acute mechanical small intestinal obstruction. Sharma ID, et al.
J Indian Med Assoc 59:109-10, 1 Aug 72

Dental haemorrhage and haemophilia. O'Callaghan DJ, et al. **J Ir Med Assoc 66:215-7, 28 Apr 73**

Intracranial hemorrhage in patients with hemophilia. Seeler RA, et al. **J Neurosurg 39:181-5, Aug 73**

Aortic valve replacement in hemophilia. Report of a case. Brockman SK, et al. **JAMA 222:660-1, 6 Nov 72**

Pain in haemophilia. Harris C.
Lancet 1:1056-7, 12 May 73

Little reflief for pain of haemophilia. Harvey GP.
Lancet 1:776, 7 Apr 73

Pain in haemophilia. Hawkins C. **Lancet 1:999, 5 May 73**

Pain in haemophilia. Quick AJ.
Lancet 1:999-1000, 5 May 73

Pain in haemophilia. **Lancet 809:931-2, 28 Apr 73**

Pain in haemophilia. **Lancet 1:757, 7 Apr 73**

Pain in haemophilia. **Lancet 1:931-2, 28 Apr 73**

Hemophilia. Schick PK.
Med Clin North Am 57:1095-106, Jul 73 (52 ref.)

Neurologic aspects of hematologic disorders. Tartaglia AP. **NY State J Med 73:964-8, 15 Apr 73**

Intracranial hemorrhage and subsequent communicating hydrocephalus in a neonate with classical hemophilia. McCarthy JW, et al.
Pediatrics 51:122-4, Jan 73

Gastrointestinal bleeding in haemophilia. Forbes CD, et al. **Q J Med 42:503-11, Jul 73**

An approach to dental extractions in haemophilia and related bleeding disorders in children. Lurie A, et al.
S Afr Med J 46:1743-6, 11 Nov 72

Fibrinolytic activity of human synovial membranes in health and in haemophilia. Pandolfi M, et al.
Scand J Haematol 9:572-6, 1972

Arthritis in hemophilia. Kisker CT, et al.
Semin Arthritis Rheum 1:220-5, Winter 72

Extensive surgical procedures in patients with hemophilia A. Rudowski WJ, et al.
Surg Gynecol Obstet 135:571-6, Oct 72

Acute promyelocytic leukemia in a patient with hemophilia. Evidence for rapid consumption of clotting factors. Green D.
Thromb Diath Haemorrh 27:516-22, 31 Jul 72

Paradoxical bleeding in intensively transfused hemophilics: alteration of platelet function. Hathaway WE, et al. **Transfusion 13:6-12, Jan-Feb 73**

Inherited blood clotting disorders. Report of a WHO scientific group. **WHO Tech Rep Ser 504:1-48, 1972**

[Experience with the surgical treatment in hemophilia patients] Landrgot B, et al.
Acta Chir Orthop Traumatol Cech 40:136-9, Apr 73 (Eng. Abstr.) (Cze)

[Conservative therapy of orthopedic complications in hemophilics] Stryhal F.
Acta Chir Orthop Traumatol Cech 40:131-5, Apr 73 (Eng. Abstr.) (Cze)

[Appendicitis in known patients with hemophilia. Apropos of 3 cases] Laget-Corsin L, et al.
Anesth Analg (Paris) 30:195-201, Jan-Feb 73 (Fre)

[Control of pathological bleeding after dental extraction by application of gelatin-resorcin-formol glue (Kelemen's method)] Vergoz D, et al.
Nouv Presse Med 2:1459-60, 26 May 73 (Fre)

[Synoviorthesis with osmic acid in the hemophilic patient] Menkes CJ, et al.

Rev Rhum Mal Osteoartic 40:255-8, Apr 73 (Eng. Abstr.) (Fre)
[Fibrinolytic activity in the hemophilic synovia. Histochemical study] Storti E, et al.
Schweiz Med Wochenschr 102:1614-5, 4 Nov 72 (Eng. Abstr.) (Fre)
[Joint lesions and hemophilia. Attempt at histogenesis] Amouroux J, et al.
Sem Hop Paris 49:955-62, 14 Mar 73 (Eng. Abstr.) (Fre)
[Pseudotumors of the bone in hemophilia] Witzel L, et al.
Dtsch Med Wochenschr 98:206-9, 2 Feb 73 (Eng. Abstr.) (Ger)
[Current problems in the medial care for hemophiliacs] Landbeck G, et al.
Fortschr Med 90:525-9, 11 May 72 (Ger)
[The chronic somatically ill patient (somatopsychic approach)] Lohmann R.
Internist (Berlin) 13:452-60, Nov 72 (Ger)
[Prevention of handicapping hemorrhagic complications in severe and moderate hemophilia] Landbeck G, et al. **Med Welt** 24:763-8, 11 May 73 (Ger)
[Treatment of acute haemarthrosis in haemophilic children] Sigg P.
Ther Umsch 29:740-2, Dec 72 (Eng. Abstr.) (Ger)
[Hemophilia as a surgical problem] Wöllenweber HD, et al. **Zentralbl Chir** 97:1541-50, 28 Oct 72 (Ger)
[Rare hemophilic complications in the extremities] Lénárt G, et al.
Magy Traumatol Orthop 16:41-4, 1973 (Eng. Abstr.) (Hun)
[Etiology and treatment of hematuria in hemophiliacs] István L. **Orv Hetil** 113:2458-61, 8 Oct 72 (Hun)
[Management of hemophilia. 2. Hematuria] Toyosaka H, et al.
Jap J Clin Hematol 14:590-5, May 73 (Eng. Abstr.) (Jap)
[2 cases of surgical treatment of splenic rupture in patients with hemophilia type A] Ziemski JM, et al.
Acta Hepatogastroenterol (Stuttg) 2:87-90, Jan-Mar 71 (Eng. Abstr.) (Pol)
[Gastrointestinal bleedings in hemophiliacs] Ziemski JM, et al.
Pol Tyg Lek 27:981-4, 26 Jun 72 (Eng. Abstr.) (Pol)
[Advances in prophylaxis, therapy and surgical procedures in patients with hemophilia A] Rudowski W. **Przegl Lek** 30:489-93, 1973 (Pol)
[X-ray studies in the diagnosis of complications of hemophilia] Kuz'min DS.
Khirurgiia (Mosk) 48:42-6, Aug 72 (Eng. Abstr.) (Rus)
[The results of x-ray studies of hemophiliac hemorrhages at various sites] Klimenchenko GA.
Vestn Khir 108:101-4, Aug 72 (Eng. Abstr.) (Rus)
[X-ray therapy for hemophilic hemorrhages into the joints and soft tissues] Klimenchenko GA.
Vestn Khir 108:131-3, Apr 72 (Eng. Abstr.) (Rus)
[Articular lesions in hemophilia] Skliarenko ET, et al.
Vrach Delo 7:73-6, Jul 72 (Eng. Abstr.) (Rus)
[Tooth extraction in the hemophiliac] Paredes JC, et al.
Divulg Cult Odontol 3-7, Mar-Apr 72 (Spa)
[Subarachnoid hemorrhage in childhood] Luis-Porras C, et al.
Rev Clin Esp 129:111-8, 30 Apr 73 (39 ref.) (Spa)
[Dental surgery in patients with coagulopathies. 3] Björlin G, et al.
Sven Tandlak Tidskr 65:411-21, Aug 72 (Eng. Abstr.) (Swe)

DIAGNOSIS

Fetal factor VIII and IX levels in early pregnancy and their significance in prenatal diagnosis. Fortune WA, et al. **Acta Haematol (Basel)** 49:314-7, 1973
In vitro platelet adhesiveness. Methods of study and clinical significance. Meyer D.
Adv Exp Med Biol 34:123-47, 1972
The value of measuring platelet "adhesiveness" in the diagnosis of bleeding diseases. Bowie EJ, et al.
Am J Clin Pathol 60:302-8, Sep 73
Spontaneous intramural haematoma in the sigmoid colon of a haemophiliac. Harrison HC, et al.
Aust NZ J Surg 42:69-70, Aug 72
The detection of factor-VIII-like antigen in haemophilic carriers and in patients with raised levels of biologically active factor VIII. Denson KW.
Br J Haematol 24:451-61, Apr 73
Diagnosis and treatment of common bleeding disorders. Caprini JA, et al.
Ill Med J 142:564-8 passim, Dec 72
The partial thromboplastin (cephalin) time test. Poller L, et al. **J Clin Pathol** 25:1038-44, Dec 72
Dental haemorrhage and haemophilia. O'Callaghan DJ, et al. **J Ir Med Assoc** 66:215-7, 28 Apr 73
Haemophilic women. Clark KG.
Lancet 1:1388-9, 16 Jun 73
Haemophilic women. Harris CE. **Lancet** 2:453, 25 Aug 73
Antigen-biological-activity ratio for factor VIII. Hougie C, et al. **Lancet** 1:616-7, 17 Mar 73
Haemophilic women. Swiet J de. **Lancet** 2:564, 8 Sep 73
Hemophilia. Schick PK.
Med Clin North Am 57:1095-106, Jul 73 (52 ref.)
Detection of the carrier state for classic hemophilia. Bennett B, et al. **N Engl J Med** 288:342-5, 15 Feb 73
Specific therapy in hemophilia. Hutaff LW.
NC Med J 34:193-6, Mar 73
Diagnosis and treatment of inherited bleeding disorders. Strauss HS.
Pediatr Clin North Am 19:1009-28, Nov 72 (79 ref.)
Genetic counselling. A comparison of two techniques in the detection of Negro carriers of haemophilia. Jenkins T, et al. **S Afr Med J** 47:1185-8, 14 Jul 73
Coagulation investigations in patients bleeding after tooth extraction. Martel A.
Sven Tandlak Tidskr 64:795-800, Nov 71
[Current problems in the medial care for hemophiliacs] Landbeck G, et al.
Fortschr Med 90:525-9, 11 May 72 (Ger)
[Efficiency and limits of immunologic methods in the diagnosis of blood coagulation] Schwick HG, et al.
Internist (Berlin) 14:160-9, Apr 73 (Ger)
[NBT-test, a new aid in the diagnosis of bacterial infections] Kim SK, et al.
Klin Paediatr 185:141-6, Mar 73 (Eng. Abstr.) (Ger)
[Prognosis of hemophilia] Marx R, et al.
Lebensversicherungsmedizin 25:59-65, May 73 (Ger)
[Von-Willebrand-Jürgens syndrome] Winckelmann G.
Med Klin 68:37-42, 12 Jan 73 (Ger)
[Studies with a modified cytochemical NBT test] Wehinger H, et al.
Z Kinderheilkd 114:175-90, 1973 (Eng. Abstr.) (Ger)
[Partial thromboplastin time activated with kaolin (PTTTK), a sensitive test of total plasmatic coagulability] Poppa C, et al.
Stud Cercet Med Interna 13:489-93, 1972 (Eng. Abstr.) (Rum)
[Technic of the thromboplastin formation test] Shmushko RIa. **Lab Delo** 7:444-5, 1972 (Rus)

DRUG THERAPY

Acute superficial phlebitis in a patient with hemophilia A. Probably an iatrogenic effect. Girolami A, et al.
Acta Haematol (Basel) 48:307-11, 1972
Acute anemia with factor VIII therapy. King EG, et al.
Ann Intern Med 77:323-4, Aug 72
Hemophilia with factor VIII inhibitor. Elimination of anamnestic response. Stein RS, et al.
Ann Intern Med 79:84-7, Jul 73
Hemophilia in otolaryngology. Current concepts. Weissman BW, et al. **Arch Otolaryngol** 95:526-9, Jun 72
Antifibrinolytic treatment in haemophilia: a controlled trial of prophylaxis with tranexamic acid. Bennett AE, et al. **Br J Haematol** 24:83-8, Jan 73
The treatment of patients who have factor-VIII antibodies. Rizza CR, et al.
Br J Haematol 24:65-82, Jan 73
Tranexamic acid for prophylaxis in haemophilia. Ingram GI, et al. **J Clin Pathol** 25:629, Jul 72
A trial of prophylactic replacement therapy in haemophilia and Christmas disease. Ramsay DM, et al.
J Clin Pathol 26:243-7, Apr 73
Intracranial hemorrhage in patients with hemophilia. Seeler RA, et al. **J Neurosurg** 39:181-5, Aug 73
Hemophilia home transfusion program: analysis of cost data. Lazerson J. **J Pediatr** 83:623-5, Oct 73
Treatment of haemophilia. **Lancet** 2:648-9, 22 Sep 73
Antifibrinolytic therapy in addiction to replacement treatment: a new approach to hemostasis in hemophilics during synovectomy. Turpini R, et al.
New Istanbul Contrib Clin Sci 10:59-68, Jun 72
The laboratory assessment of the efficacy of antihaemophilic therapy. Lurie A.
S Afr Med J 46:844, 17 Jun 72
Home infusions for haemophilia.
S Afr Med J 47:1, 6 Jan 73
Acute promyelocytic leukemia in a patient with hemophilia. Evidence for rapid consumption of clotting factors. Green D.
Thromb Diath Haemorrh 27:516-22, 31 Jul 72

[Study of the "in vivo" activity of factor VIII or factor IX after injection of several concentrates: practical applications] Allain JP.
Nouv Rev Fr Hematol 12:241-9, Mar-Apr 72 (Eng. Abstr.) (Fre)
[New plasma derivatives] Soulier JP.
Rev Prat 22:1465-6 passim, 21 Mar 72 (Fre)
[Influencing of coagulation factor VIII through the oral ovulation inhibitors Ovosiston, Non-Ovlon and Sequence-Ovosiston] Sander W, et al.
Dtsch Gesundheitsw 27:2343-7, 7 Dec 72 (Eng. Abstr.) (Ger)
[Rules and regulations in the therapy of hemophilia] Landbeck G, et al.
Fortschr Med 90:542-6, 11 May 72 (Ger)
[Severe serogenic hemolytic anemia caused by anti-D fraction in factor VIII concentrate] Schricker KT, et al.
Thromb Diath Haemorrh 27:523-8, 31 Jul 72 (Eng. Abstr.) (Ger)
[Management of hemophilia. 2. Hematuria] Toyosaka H, et al.
Jap J Clin Hematol 14:590-5, May 73 (Eng. Abstr.) (Jap)
[Advances in prophylaxis, therapy and surgical procedures in patients with hemophilia A] Rudowski W. **Przegl Lek** 30:489-93, 1973 (Pol)
[The treatment of inherited coagulation disorders] Blombäck M, et al.
Lakartidningen 69:Suppl 4:76-84, 27 Dec 72 (Eng. Abstr.) (Swe)

ENZYMOLOGY

The histochemistry of fibrinolysis in haemophilic synovial membranes. Storti E, et al.
Acta Haematol (Basel) 49:142-53, 1973
Serum enzyme changes after intramuscular bleeding in patients with haemophilia and Christmas disease. Forbes CD, et al. **J Clin Pathol** 25:1034-7, Dec 72
[Identification of the X chromosome for the quantitative study of myeloperoxidase] Crozdea J, et al. **Nouv Presse Med** 1:3132, 23 Dec 72 (Fre)

ETIOLOGY

Hemophilia. Schick PK.
Med Clin North Am 57:1095-106, Jul 73 (52 ref.)
[Evolution of etiopathogenetic knowledge of hemophilia syndromes] Morrone G.
Pediatria (Napoli) 80:170-85, 1972 (80 ref.) (Ita)

FAMILIAL & GENETIC

Genetic structure of Switzerland. Morton NE, et al.
Am J Hum Genet 25:347-61, Jul 73
Vitamin D-resistant rickets and hemophilia A--lack of close linkage on the X chromosome. Welt SI, et al.
Am J Hum Genet 25:105-7, Jan 73
Expression and linkage of genes for X-linked hemophilias A and B in the dog. Brinkhous KM, et al.
Blood 41:577-85, Apr 73
The detection of factor-VIII-like antigen in haemophilic carriers and in patients with raised levels of biologically active factor VIII. Denson KW.
Br J Haematol 24:451-61, Apr 73
Low-molecular-weight factor VIII. Bloom AL, et al.
Lancet 1:1000, 5 May 73
Haemophilic women. Clark KG.
Lancet 1:1388-9, 16 Jun 73
Detection of the carrier state for classic hemophilia. Bennett B, et al. **N Engl J Med** 288:342-5, 15 Feb 73
Two genetic variants of von Willebrand's disease. Holmberg L, et al. **N Engl J Med** 288:595-8, 22 Mar 73
A 1973 look at hemophilia and von Willebrand's disease. Ratnoff OD.
Proc Inst Med Chic 29:296-304, May-Jun 73 (44 ref.)
Genetic counselling. A comparison of two techniques in the detection of Negro carriers of haemophilia. Jenkins T, et al. **S Afr Med J** 47:1185-8, 14 Jul 73
Detection of carriers of classic haemophilia. Bennett B, et al. **Scott Med J** 18:63, Mar 73
Inherited blood clotting disorders. Report of a WHO scientific group. **WHO Tech Rep Ser** 504:1-48, 1972
[Genetic counseling] Klein D.
Bull Schweiz Akad Med Wiss 28:250-65, Sep 72 (Eng. Abstr.) (Fre)
[Current problems in the medial care for hemophiliacs] Landbeck G, et al.
Fortschr Med 90:525-9, 11 May 72 (Ger)
[Inactive factor VIII in hemophilia A and Willebrand's disease] Lechner K.
Verh Dtsch Ges Inn Med 78:710-3, 1972 (Ger)
[Evolution of etiopathogenetic knowledge of hemophilia syndromes] Morrone G.
Pediatria (Napoli) 80:170-85, 1972 (80 ref.) (Ita)
[Genetic types of hemophilia A] Uszyński L.
Acta Haematol Pol 3:141-5, Apr-Jun 72 (Eng. Abstr.) (Pol)

HISTORY

[A question of conscience for Maimonides] (Maimonides), Mildner T.
Med Klin 67:1091-3, 25 Aug 72 (Ger)

IMMUNOLOGY

The Australia antigen in Brazilian blood donors. Pereira JM, et al. **Acta Biol Med Ger** 30:299-301, 1973
Anti-human-Ig genetic Ig markers and anti-Au in patients with haemophilia. Grubb R, et al.
Acta Pathol Microbiol Scand [B] 80:934-5, 1972
Transfusion therapy in congenital deficiencies of plasma factor XIII. Ikkala E.
Ann NY Acad Sci 202:200-3, 8 Dec 72
Antibodies to factor VIII. I. Variations in stability of antigen-antibody complexes in hemophilia A. Allain JP, et al. **Blood** 42:437-44, Sep 73
Application of immunological techniques to the study of classic haemophilia and von Willebrand's disease. Bennett B. **Br J Haematol** 25:273-4, Aug 73
The mode of action of antibodies which destroy factor VIII. II. Antibodies which give complex concentration graphs. Biggs R, et al. **Br J Haematol** 23:137-55, Aug 72
The mode of action of antibodies which destroy factor VIII. I. Antibodies which have second-order concentration graphs. Biggs R, et al.
Br J Haematol 23:125-35, Aug 72
The detection of factor-VIII-like antigen in haemophilic carriers and in patients with raised levels of biologically active factor VIII. Denson KW.
Br J Haematol 24:451-61, Apr 73
Gm types and antibodies in multitransfused haemophiliacs. Kernoff PB, et al.
Br J Haematol 24:443-50, Apr 73
The specificity of antibodies to factor 8 produced in the rabbit after immunization with human cryoprecipitate. Kernoff PB, et al.
Br J Haematol 25:276-7, Aug 73
The treatment of patients who have factor-VIII antibodies. Rizza CR, et al.
Br J Haematol 24:65-82, Jan 73
Acquired inhibitor of antihemophilic globulin (Factor VIII) in an orthopaedic patient. A case report. Jiji RM, et al. **J Bone Joint Surg [Am]** 54:417-22, Mar 72
Studies on the nature of antihemophilic factor (factor VIII). Further evidence relating the AHF-like antigens in normal and hemophilic plasmas. Bennett B, et al. **J Clin Invest** 52:2191-7, Sep 73
Tissue factor activity in lymphocyte cultures from normal individuals and patients with hemophilia A. Rickles FR, et al. **J Clin Invest** 52:1427-34, Jun 73
Factor VIII. Barrow EM, et al. **Lancet** 1:1312-3, 9 Jun 73
Abnormality of separate subunits of factor VIII? Bennett E. **Lancet** 808:885-6, 21 Apr 73
Abnormality of separate subunits of factor VIII? Bennett E. **Lancet** 1:885-6, 21 Apr 73
Antigen/biological-activity ratio for factor VIII. Denson WK, et al. **Lancet** 1:157-8, 20 Jan 73
Factor-VIII-related antigen in female haemophilia. Kernoff PB, et al. **Lancet** 2:734, 29 Sep 73
Antibodies to factor VIII. Muntz RH, et al.
Lancet 2:160, 21 Jul 73
False-positive Australia-antigen particles in primary biliary cirrhosis. Detection by electron microscopy. Sama S, et al. **Lancet** 1:14-7, 6 Jan 73
Immunologic heterogeneity of hemophilia. Colman RW. **N Engl J Med** 288:369-70, 15 Feb 73
Two genetic variants of von Willebrand's disease. Holmberg L, et al. **N Engl J Med** 288:595-8, 22 Mar 73
Affinity of factor 8 clotting activity for antigen detectable immunologically. Kernoff PB.
Nature [New Biol] 244:148-9, 1 Aug 73
Immunological studies of anti-haemophilic factor a (factor VIII). Bouma BN. **Neth J Med** 16:94-100, 1973
A 1973 look at hemophilia and von Willebrand's disease. Ratnoff OD.
Proc Inst Med Chic 29:296-304, May-Jun 73 (44 ref.)

Acquired inhibitors of blood coagulation. Feinstein DI, et al. **Prog Hemostasis Thromb** 1:75-95, 1972 (95 ref.)
The molecular basis of hereditary clotting disorders. Ratnoff OD.
Prog Hemostasis Thromb 1:39-74, 1972 (184 ref.)
Incidence and patterns of antibody to hepatitis-associated (Australia) antigen. Barker LF, et al. **Prog Immunobiol Stand** 5:89-94, 1972
Development of circulating inhibitor directed against factor VIII in patients with haemophilia-A. Cohn J, et al. **Scand J Haematol** 9:524-30, 1972
Immunologic studies in haemophilia A. Holmberg L, et al. **Scand J Haematol** 10:12-6, 1973
The genetics of hereditary disorders of blood coagulation. Ratnoff OD, et al.
Science 179:1291-8, 30 Mar 73 (53 ref.)
Detection of carriers of classic haemophilia. Bennett B, et al. **Scott Med J** 18:63, Mar 73
Automated continuous-flow hemagglutination inhibition test for hepatitis B antigen in blood. Kwak KS, et al. **Vox Sang** 25:97-104, 1973
Detection of antibody to hepatitis-associated antigen in hemophilia patients and in voluntary blood donors. Peterson MR, et al. **Vox Sang** 24:66-75, Jan 73
[Problem of immunohemophilia] Pola V.
Vnitr Lek 18:887-92, Sep 72 (Eng. Abstr.) **(Cze)**
[Circulating anticoagulants in hemophilia] Josso F, et al.
Rev Fr Transfus 15:281-98, Sep 72 (Eng. Abstr.) **(Fre)**
[Au(SH)antigen and antibodies in hematologic diseases] Storch H, et al.
Dtsch Z Verdau Stoffwechselkr 32:93-5, 1972 **(Ger)**
[Molecular-biology findings on various blood clotting factors] Fiedler H.
Folia Haematol (Leipz) 98:121-39, 1972 (121 ref.) (Eng. Abstr.) **(Ger)**
[Genetic types of hemophilia A] Uszyński L.
Acta Haematol Pol 3:141-5, Apr-Jun 72 (Eng. Abstr.) **(Pol)**
[Australia antigen: new discoveries and hypotheses] Sylwestrowicz T, et al.
Acta Hepatogastroenterol (Stuttg) 2:97-102, Jan-Mar 71 (40 ref.) **(Pol)**
[Australia antigen (Au-SH) and its significance in the diagnosis and prevention of serum hepatitis. 3. Study on the incidence of anti Au-SH antibodies] Gálíková J, et al.
Bratisl Lek Listy 59:39-44, 1973 (Eng. Abstr.) **(Slo)**

METABOLISM

Isolation and characterization of human Factor VIII (antihemophilic factor). Legaz ME, et al.
J Biol Chem 248:3946-55, 10 Jun 73
Sialic aci values in joint fluid in different orthopaedic disorders. Nand S, et al.
J Indian Med Assoc 60:125-7, 16 Feb 73
Antigen/biological-activity ratio for factor VIII. Denson WK, et al. **Lancet** 1:157-8, 20 Jan 73
Fibrinolytic activity of human synovial membranes in health and in haemophilia. Pandolfi M, et al.
Scand J Haematol 9:572-6, 1972

MORTALITY

Supervised patient-management of hemophilia. A study of 45 patients with hemophilia A and B. Levine PH, et al. **Ann Intern Med** 78:195-201, Feb 73
Gastrointestinal bleeding in haemophilia. Forbes CD, et al. **Q J Med** 42:503-11, Jul 73
An underwriting approach to the hemophiliac disorders. Richardson JH.
Trans Assoc Life Ins Med Dir Am 55:39-55, 1972
[Current problems in the medial care for hemophiliacs] Landbeck G, et al.
Fortschr Med 90:525-9, 11 May 72 **(Ger)**
[Prognosis of hemophilia] Marx R, et al.
Lebensversicherungsmedizin 25:59-65, May 73 **(Ger)**

NURSING

Nursing the haemophiliac. Jones P.
Nurs Mirror 136:33-6, 23 Feb 73

OCCURRENCE

Estimation of the probability of post transfusion hepatitis in hemophilia treatment. Davis CE, et al.
Biometrics 29:386-92, Jun 73
A three-year study of adolescent boys suffering from haemophilia and allied disorders. Rainsford SG, et al.
Br J Haematol 24:539-51, May 73
Genetic counselling. A comparison of two techniques in the detection of Negro carriers of haemophilia. Jenkins T, et al. **S Afr Med J** 47:1185-8, 14 Jul 73
[Current problems in the medial care for hemophiliacs] Landbeck G, et al.
Fortschr Med 90:525-9, 11 May 72 **(Ger)**

PATHOLOGY

Fibrinolytic activity of human synovial membranes in health and in haemophilia. Pandolfi M, et al.
Scand J Haematol 9:572-6, 1972
Arthritis in hemophilia. Kisker CT, et al.
Semin Arthritis Rheum 1:220-5, Winter 72
[Joint lesions and hemophilia. Attempt at histogenesis] Amouroux J, et al.
Sem Hop Paris 49:955-62, 14 Mar 73 (Eng. Abstr.) **(Fre)**

PHYSIOPATHOLOGY

The histochemistry of fibrinolysis in haemophilic synovial membranes. Storti E, et al.
Acta Haematol (Basel) 49:142-53, 1973
Bleeding times and platelet aggregation after analgesics in hemophilia. Kasper CK, et al.
Ann Intern Med 77:189-93, Aug 72
Hemophilia. Schick PK.
Med Clin North Am 57:1095-106, Jul 73 (52 ref.)
Arthritis in hemophilia. Kisker CT, et al.
Semin Arthritis Rheum 1:220-5, Winter 72
Paradoxical bleeding in intensively transfused hemophilics: alteration of platelet function. Hathaway WE, et al. **Transfusion** 13:8-12, Jan-Feb 73
[Circulating anticoagulants during hemophilia] Josso F, et al.
Rev Fr Transfus 15:281-98, Dec 72 (Eng. Abstr.) **(Fre)**
[Current problems in the medial care for hemophiliacs] Landbeck G, et al.
Fortschr Med 90:525-9, 11 May 72 **(Ger)**
[Biological role of atmospheric oxygen in the mechanism of blood coagulation] Palos LA.
Kosm Biol Med 6:8-13, Sep-Oct 72 **(Rus)**

PREVENTION & CONTROL

[Prenatal determination of child's sex] Černý M, et al.
Cesk Gynekol 37:524-6, Sep 72 **(Cze)**
[Preventive therapy of hemophilia] Göbel U.
Dtsch Med Wochenschr 98:1240, 15 Jun 73 **(Ger)**
[Advances in prophylaxis, therapy and surgical procedures in patients with hemophilia A] Rudowski W. **Przegl Lek** 30:489-93, 1973 **(Pol)**

RADIOGRAPHY

[X-ray studies in the diagnosis of complications of hemophilia] Kuz'min DS.
Khirurgiia (Mosk) 48:42-6, Aug 72 (Eng. Abstr.) **(Rus)**

RADIOTHERAPY

[X-ray therapy for hemophilic hemorrhages into the joints and soft tissues] Klimenchenko GA.
Vestn Khir 108:131-3, Apr 72 (Eng. Abstr.) **(Rus)**

REHABILITATION

Evaluation of dental procedures on hemophilic patients in a comprehensive program for the care of hemophilia. 1. Chiono O.
J Nihon Univ Sch Dent 14:113-21, Dec 72
Modern management of hemophilia and its implications for educational programs. Dietrich SL.
J Sch Health 43:81-3, Feb 73

SURGERY

Gastrointestinal bleeding in haemophilia. Forbes CD, et al. **Q J Med** 42:503-11, Jul 73
Inherited blood clotting disorders. Report of a WHO scientific group. **WHO Tech Rep Ser** 504:1-48, 1972
[Appendicitis in known patients with hemophilia. Apropos of 3 cases] Laget-Corsin L, et al.
Anesth Analg (Paris) 30:195-201, Jan-Feb 73 **(Fre)**
[Spleen transplantation. Review of literature and personal research] Polto F, et al.
Chir Patol Sper 19:151-76, Aug 71 (Eng. Abstr.) **(Ita)**

THERAPY

Correction of the platelet abnormality in von Willebrand's disease by cryoprecipitate. Weiss HJ, et al. **Am J Med** 53:734-8, Dec 72

Hemophilia. Sergis E, et al. **Am J Nurs** 72:2011-9, Nov 72

Supervised patient-management of hemophilia. A study of 45 patients with hemophilia A and B. Levine PH, et al. **Ann Intern Med** 78:195-201, Feb 73

Acute anaphylaxis, pulmonary oedema, and intravascular haemolysis due to cryoprecipitate. Burman D, et al. **Arch Dis Child** 48:483-5, Jun 73

Estimation of the probability of post transfusion hepatitis in hemophilia treatment. Davis CE, et al. **Biometrics** 29:386-92, Jun 73

Report to the World Federation of Haemophilia on the activities of the South African Haemophilia Foundation for the year 1971-72. **Blut** 25:203-6, Sep 72

A three-year study of adolescent boys suffering from haemophilia and allied disorders. Rainsford SG, et al. **Br J Haematol** 24:539-51, May 73

Diagnosis and treatment of common bleeding disorders. Caprini JA, et al. **Ill Med J** 142:564-8 passim, Dec 72

The treatment of coagulation factor deficiencies. Temperley IJ. **J Ir Med Assoc** 66:42-5, 27 Jan 73

Threefold increase in demand for blood concentrates. **J Ir Med Assoc** 66:225, 28 Apr 73

Hemophilia home transfusion program: analysis of cost data. Lazerson J. **J Pediatr** 83:623-5, Oct 73

Hemophilia home transfusion program: effect of cryoprecipitate utilization. Lazerson J. **J Pediatr** 82:857-9, May 73

Modern management of hemophilia and its implications for educational programs. Dietrich SL. **J Sch Health** 43:81-3, Feb 73

Hemophilia. Schick PK. **Med Clin North Am** 57:1095-106, Jul 73 (52 ref.)

Standardization of factor VIII preparations. Kasper CK, et al. **N Engl J Med** 288:215, 25 Jan 73

Specific therapy in hemophilia. Hutaff LW. **NC Med J** 34:193-6, Mar 73

Hemophilia: the new look. Patterson PC. **Nurs Clin North Am** 7:777-85, Dec 72

Diagnosis and treatment of inherited bleeding disorders. Strauss HS. **Pediatr Clin North Am** 19:1009-28, Nov 72 (79 ref.)

Delivery of care to hemophilic children: home care versus hospitalization. Strawczynski H, et al. **Pediatrics** 51:986-91, Jun 73

A 1973 look at hemophilia and von Willebrand's disease. Ratnoff OD. **Proc Inst Med Chic** 29:296-304, May-Jun 73 (44 ref.)

Gastrointestinal bleeding in haemophilia. Forbes CD, et al. **Q J Med** 42:503-11, Jul 73

The laboratory assessment of the efficacy of antihaemophilic therapy. Lurie A. **S Afr Med J** 46:1180-5, 19 Aug 72

Development of circulating inhibitor directed against factor VIII in patients with haemophilia-A. Cohn J, et al. **Scand J Haematol** 9:524-30, 1972

Paradoxical bleeding in intensively transfused hemophilics: alteration of platelet function. Hathaway WE, et al. **Transfusion** 13:6-12, Jan-Feb 73

Rapid plasma exchange with the continuous flow centrifuge. McCullough J, et al. **Transfusion** 13:94-9, Mar 73

Development of large-scale fractionation methods. 3. Preparation of a factor VIII concentrate of intermediate-purity. James HL, et al. **Vox Sang** 23:402-12, 1972

[Treatment of congenital and acquired coagulation disorders] Favre-Gilly J. **Lyon Med** 19:Suppl:157-66, Apr 72 (Fre)

[Circulating anticoagulants during hemophilia] Josso F, et al. **Rev Fr Transfus** 15:281-98, Dec 72 (Eng. Abstr.) (Fre)

[Current problems in the medial care for hemophiliacs] Landbeck G, et al. **Fortschr Med** 90:525-9, 11 May 72 (Ger)

[Hemophilia as a surgical problem] Wöllenweber HD, et al. **Zentralbl Chir** 97:1541-50, 28 Oct 72 (Ger)

[Pharmacological and medico-social aspects of the care of hemophiliacs] István L. **Orv Hetil** 113:3016-20, 10 Dec 72 (Hun)

[Hemophilia as a medical and social problem] Nosotti NM. **Minerva Med** 63:4677-9, 1 Dec 72 (Ita)

[Advances in prophylaxis, therapy and surgical procedures in patients with hemophilia A] Rudowski W. **Przegl Lek** 30:489-93, 1973 (Pol)

VETERINARY

Effect of plasma and platelet concentrate infusions on factor VIII, platelet adhesiveness, and bleeding time in bleeder swine. Cornell CN, et al. **Thromb Diath Haemorrh** 28:431-9, 31 Dec 72

True haemophilia in horses. Archer RK, et al. **Vet Rec** 91:655-6, 23 Dec 72

HEMORRHAGIC DIATHESIS

Pathology of isoimmune purpura thrombocytopenica in piglets. Andersen S, et al. **Nord Vet Med** 25:211-9, Apr-May 73

Hermansky-Pudlak syndrome (HPS): a proposed block in glutathione peroxidase. Witkop CJ Jr, et al. **Oral Surg** 35:790-806, Jun 73

Long-term physical illness in childhood: a challenge to psychosocial adaptation. Mattsson A. **Pediatrics** 50:801-11, Nov 72 (62 ref.)

[Essential hemorrhagic thrombocythemia] Kužma J, et al. **Vnitr Lek** 18:899-904, Sep 72 (Eng. Abstr.) (Cze)

[Fatal bleeding following tooth extraction. Hermansky-Pudlak-syndrome] Theuring F, et al. **Dtsch Stomatol** 23:52-5, Jan 73 (Eng. Abstr.) (Ger)

[Micrcangiopathic hemolytic anemia in metastatizing malignant neoplasms] Heck J, et al. **Verh Dtsch Ges Inn Med** 77:425-7, 1971 (Ger)

[Drug therapy of hemorrhage in dental practice] Osten W. **Zahnaerztl Prax** 24:294 passim, 1 Jun 73 (Ger)

[Hemorrhagic diathesis and hemostasis] Nakano S. **Jap J Nurs** 37:486-9, Apr 73 (Jap)

[Hemorrhagic diathesis] Terada H. **Jap J Nurs** 37:620-3, May 73 (Jap)

[Bleeding tendency in surgical patients] Grüner OP. **Tidsskr Nor Laegeforen** 92:1522-5, 30 Aug 72 (Eng. Abstr.) (Nor)

[Schedule for diagnostic-therapeutic management of hemorrhagic diathesis] Sulek K. **Wiad Lek** 26:417-22, 1 Mar 73 (20 ref.) (Pol)

[Causes of onset, prophylaxis and treatment of the hemorrhagic complications in mechanical jaundice] Lys PV. **Klin Khir** 2:21-6, Feb 73 (Rus)

[The role of the vasothromboeytic system in the hemorrhagic syndrome in children with epidemic hepatitis] Kroshkina LM. **Vopr Okhr Materin Det** 17:17-21, Oct 72 (Eng. Abstr.) (Rus)

BLOOD

The value of measuring platelet "adhesiveness" in the diagnosis of bleeding diseases. Bowie EJ, et al. **Am J Clin Pathol** 60:302-8, Sep 73

The clinical significance of the plasminogen level. Lackner H, et al. **Am J Clin Pathol** 60:175-81, Aug 73

Effects of normal and aspirin platelets on defective secondary aggregation in the Hermansky-Pudlak syndrome. A test for storage pool deficient platelets. White JG, et al. **Am J Pathol** 68:57-66, Jul 72

Platelet abnormalities in von Willebrand's disease. Bowie EJ, et al. **Ann NY Acad Sci** 201:400-20, 27 Oct 72

The Hermansky-Pudlak syndrome: inclusions in circulating leucocytes. White JG, et al. **Br J Haematol** 24:761-5, Jun 73

[Efficiency and limits of platelet function tests in the diagnosis of hemorrhagic diathesis] Linker H, et al. **Internist (Berlin)** 14:143-8, Apr 73 (Ger)

[Blood coagulation tests in hemorrhagic diathesis] **Deutsch E. Med Lab (Stuttg)** 26:2-9 contd, Jan 73 (Ger)

[Bleeding time-coagulation time: an anachronism?] Beck EA. **Praxis** 61:1049-50, 15 Aug 72 (Ger)

[Behavior of the serum thromboplastin inhibition capacity during labor and puerperium] Günther M, et al. **Zentralbl Gynaekol** 94:1198-200, 9 Sep 72 (Ger)

CHEMICALLY INDUCED

Differentiation of bleeding diatheses which occur following protamine correction of heparin anticoagulation. Soloway HB, et al. **Am J Clin Pathol** 60:188-91, Aug 73

Dipyridamole and aspirin tested against an experimental model of thrombosis. Mayer JE Jr, et al. **Ann Surg** 178:108-12, Jul 73

Daunorubicin and adriamycin in the treatment of leukemia. Klener P, et al. **Neoplasma** 20:87-96, 1973

[Vasomotoric rhintis as an adverse effect of hormonal contraception] Schreiber U. **HNO** 21:180-1, Jun 73 (Eng. Abstr.) (Ger)

[Hemorrhagic diathesis in calves as a result of continuous furazolidone feeding] Glawischnig E, et al. **Milit Med** 138:210-3, Sep 73 (Eng. Abstr.) **(Ger)**

[Hemorrhagic diathesis in a patient with obliterative arteriosclerosis during treatment with low-molecular dextran] Szmidt M, et al. **Pol Tyg Lek** 27:1566-8, 2 Oct 72 (Eng. Abstr.) **(Pol)**

CLASSIFICATION

[Classification of hemorrhagic syndromes] Revol L. **Lyon Med** 19:Suppl:113-6, Apr 72 **(Fre)**

[Schedule for diagnostic-therapeutic management of hemorrhagic diathesis] Sulek K. **Wiad Lek** 26:417-22, 1 Mar 73 (20 ref.) **(Pol)**

COMPLICATIONS

Congenital macular urticaria pigmentosa complicated by massive nodular mastocytosis with systemic involvement. Bakos L, et al. **Br J Dermatol** 87:635-41, Dec 72

Mononucleosis and the miniskirt: an incompatible combination. Hamblin TJ. **Br Med J** 4:708-9, 23 Dec 72

Coagulation studies in acute hepatic failure. Tucker JS, et al. **Gut** 14:418, May 73

[Generalized amyloidosis with paraproteinemia, diffuse plasmocytosis of bone marrow, and diffuse pulmonary alveolar-septal amyloidosis] Keiser G, et al. **Dtsch Med Wochenschr** 98:614-9, 23 Mar 73 (Eng. Abstr.) **(Ger)**

[Blood coagulation disorders in a chronic eosinophilic leukemia] Zöller H. **Munch Med Wochenschr** 115:1036-8, 1 Jun 73 (Eng. Abstr.) **(Ger)**

[Significance of cytomegalovirus diseases in adult internal-medicine patients] Müller-Stamou A, et al. **Schweiz Med Wochenschr** 103:985-91, 14 Jul 72 (Eng. Abstr.) **(Ger)**

[Hemorrhagic diathesis in primary amyloidosis] Hey D, et al. **Verh Dtsch Ges Inn Med** 78:713-7, 1972 **(Ger)**

[Long-term therapy and care with anticoagulants] Linke H, et al. **Z Gesamte Inn Med** 28:33-5 concl, 1 Feb 73 (Eng. Abstr.) **(Ger)**

[Severe hemorrhagic diathesis in visceral lupus erythematosus in pregnancy] Hengst P, et al. **Zentralbl Gynaekol** 94:1014-8, 12 Aug 72 **(Ger)**

[A case of polycythemia vera with remarkable hemorrhagic diathesis] Akihama T, et al. **Jap J Clin Hematol** 13:879-84, Oct 72 (Eng. Abstr.) **(Jap)**

[Role of coagulopathy in the pathogenesis of hemorrhagic diathesis in chronic renal insufficiency] Belitskaia GA. **Ter Arkh** 44:93-6, Aug 72 (Eng. Abstr.) **(Rus)**

[Status epilepticus in cerebral circulatory disorders] Bogolepov NK, et al. **Zh Nevropatol Psikhiatr** 72:528-37, 1972 (Eng. Abstr.) **(Rus)**

[Subarachnoid hemorrhage in childhood] Luis-Porras C, et al. **Rev Clin Esp** 129:111-8, 30 Apr 73 (39 ref.) **(Spa)**

DIAGNOSIS

A new automatic device for the standardized Ivy bleeding time. Praga C, et al. **Adv Exp Med Biol** 34:271-9, 1972

The value of measuring platelet "adhesiveness" in the diagnosis of bleeding diseases. Bowie EJ, et al. **Am J Clin Pathol** 60:302-8, Sep 73

Effects of normal and aspirin platelets on defective secondary aggregation in the Hermansky-Pudlak syndrome. A test for storage pool deficient platelets. White JG, et al. **Am J Pathol** 68:57-66, Jul 72

Platelet and fibrinogen kinetics in the chronic myeloproliferative disorders. Brodsky I, et al. **Cancer** 30:1444-50, Dec 72

Coagulation investigations in patients bleeding after tooth extraction. Martel A. **Sven Tandlak Tidskr** 64:795-800, Nov 71

[Efficiency and limits of fibrinolytic system function tests] Loo J van de. **Internist (Berlin)** 14:170-4, Apr 73 **(Ger)**

[Self-inflicted furunculosis and hemorrhagic diathesis: revelation and psychiatric problems] Berzewski H, et al. **Med Klin** 67:1671-6, 15 Dec 72 (Eng. Abstr.) **(Ger)**

[Acquired isolated factor X deficiency in generalized amyloidosis] Wick A, et al. **Schweiz Med Wochenschr** 102:1760-6, 2 Dec 72 (Eng. Abstr.) **(Ger)**

[Coagulation disorders in surgery. (Emergency diagnosis--Emergency therapy)] Preusser KP, et al. **Zentralbl Chir** 97:1521-34, 28 Oct 72 **(Ger)**

[Keypoints in clinical tests for hemorrhagic and thrombotic tendencies] Yasunaga K. **Jap J Clin Med** 31:783-97, Apr 73 (20 ref.) **(Jap)**

[The Ehlers-Danlos syndrome (Cutis hyperelastica)] Olszewska Z. **Przegl Dermatol** 59:793-7, Nov-Dec 72 (40 ref.) **(Pol)**

[Eosinocytic leukemia] Lisiewicz J, et al. **Przegl Lek** 30:327-30, 1973 **(Pol)**

[Analysis of hemorrhagic diathesis] Częstochowska E, et al. **Wiad Lek** 26:1407-12, 1 Aug 73 (Eng. Abstr.) **(Pol)**

[Schedule for diagnostic-therapeutic management of hemorrhagic diathesis] Sulek K. **Wiad Lek** 26:417-22, 1 Mar 73 (20 ref.) **(Pol)**

DRUG THERAPY

Differentiation of bleeding diatheses which occur following protamine correction of heparin anticoagulation. Soloway HB, et al. **Am J Clin Pathol** 60:188-91, Aug 73

Problems of fulminant hepatic failure. Williams R. **Br Med Bull** 28:114-9, May 72 (33 ref.)

[Treatment of Waldenström's macroglobulinaemia with procarbazine] Mitrou P, et al. **Dtsch Med Wochenschr** 97:1864, 1 Dec 72 (Eng. Abstr.) **(Ger)**

[Immunization in allergic patients. 2] Ehrengut W. **Med Klin** 68:972-4, 20 Jul 73 **(Ger)**

[Intravenous infusion of a standard coagulation-active phospholipid complex in uremic tendency to bleeding. Normalization of thrombin formation and prothrombin consumption] Schimpf K, et al. **Med Welt** 23:1258-60, 9 Sep 72 **(Ger)**

[Hemorrhagic diathesis in primary amyloidosis] Hey D, et al. **Verh Dtsch Ges Inn Med** 78:713-7, 1972 **(Ger)**

[The therapeutic management of hemorrhagic diathesis in dentistry] Pantazapoulos P, et al. **Stomatologia (Athenai)** 29:415-24, Nov-Dec 72 (Eng. Abstr.) **(Gre)**

[Therapeutic value of calcium-dobesilate in hemostatic disorders of the vascular type] Lawkowicz W, et al. **Wiad Lek** 25:1521-4, 1 Sep 72 (Eng. Abstr.) **(Pol)**

[Schedule for diagnostic-therapeutic management of hemorrhagic diathesis] Sulek K. **Wiad Lek** 26:417-22, 1 Mar 73 (20 ref.) **(Pol)**

[Postoperative hemorrhage following operations performed with extracorporeal circulation] Simkovic I, et al. **Bratisl Lek Listy** 58:646-53, 6 Dec 72 (Eng. Abstr.) **(Slo)**

ENZYMOLOGY

[Hemorrhagic diathesis with increased fibrinolytic enzyme activities in the field of surgery] Murakami F, et al. **Jap J Clin Hematol** 13:187-94, Apr 72 (Eng. Abstr.) **(Jap)**

ETIOLOGY

Hematologic complications of open heart surgery. Wisch N, et al. **Am J Cardiol** 31:282-5, Feb 73 (35 ref.)

Hemorrhagic diathesis and cystic fibrosis in infancy. Walters TR, et al. **Am J Dis Child** 124:641-2, Nov 72

Platelet dysfunction in glycogen storage disease type I. Czapek EE, et al. **Blood** 41:235-47, Feb 73

The fibrin stabilizing factor, factor XIII. Duckert F. **Blut** 26:177-9, Mar 73 (11 ref.)

"Case report". A case of haemorrhagic diathesis due to factor VII deficiency. Shinnawi BM. **J Egypt Public Health Assoc** 47:202-3, 1972

Disseminated intravascular coagulation: diagnosis and treatment of a hemorrhagic diathesis after prostatectomy. Pickens RL, et al. **J Urol** 108:951-3, Dec 72

Intramural small bowel hemorrhage: complication of sprue. Gerson DE, et al. **Radiology** 108:521-2, Sep 73

Massive intraoperative autotransfusion of blood. Rakower SR, et al. **Surg Gynecol Obstet** 137:633-6, Oct 73

[Gingival hemorrhage in uremia] Dosseva D. **Stomatologiia (Sofiia)** 54:318-21, Jul-Aug 72 **(Bul)**

[Hemorrhagic syndrome due to isolated Stuart factor deficiency during Kahler's disease with amylosis] Pieron R, et al.
Ann Med Interne (Paris) 123:765-70, Aug-Sep 72 **(Fre)**

[A case of disseminated phycomycosis (mucormycosis)] Gloor E, et al.
Schweiz Med Wochenschr 103:909-13, 23 Jun 73 (Eng. Abstr.) **(Fre)**

[Fuso-cellular thymoma associated with erythroblastopenia, megakaryocytopenia and cytomegalic inclusion disease] Bernadou A, et al.
Sem Hop Paris 48:3443-9, 20 Dec 72 (Eng. Abstr.) **(Fre)**

[Cryptogenic anti-8 inhibitor] Rochon M, et al.
Union Med Can 100:2353-6, Dec 71 (Eng. Abstr.) **(Fre)**

[Coagulation studies in hemorrhagic diatheses] Deutsch E.
Med Lab (Stuttg) 26:43-7, Feb 73 **(Ger)**

[Factor XIII deficiency in various patients with acute leukemia] Egbring R, et al.
Verh Dtsch Ges Inn Med 77:97-100, 1971 **(Ger)**

[A new case of dysfibrinogenemia] Krause W, et al.
Verh Dtsch Ges Inn Med 78:1651-3, 1972 **(Ger)**

[Leukemia in pregnancy (case report)] Schneider B.
Z Aerztl Fortbild (Jena) 67:86-7, 15 Jan 73 **(Ger)**

[Fibrinolysis in chronic renal insufficiency treated wth periodic hemodialysis] Triolo R, et al.
Minerva Med 63:3704-12, 29 Sep 72 (Eng. Abstr.) **(Ita)**

[Hemorrhagic diathesis with increased fibrinolytic enzyme activities in the field of surgery] Murakami F, et al.
Jap J Clin Hematol 13:187-94, Apr 72 (Eng. Abstr.) **(Jap)**

[Infectious hepatitis and panmyelophthisis] Ochocka M.
Acta Haematol Pol 3:89-92, Jan-Mar 72 (Eng. Abstr.) **(Pol)**

[Case of hemorrhagic diathesis due to disorders during 1st stage of blood clotting] Tymiński W, et al.
Acta Haematol Pol 3:265-9, Jul-Sep 72 (Eng. Abstr.) **(Pol)**

[Hemorrhagic diathesis associated with partial factor XII deficiency] Zywicka-Lopaciuk H, et al.
Acta Haematol Pol 3:257-63, Jul-Sep 72 (Eng. Abstr.) **(Pol)**

[Disseminated intravascular clotting in liver cirrhosis] Krug H, et al.
Pol Arch Med Wewn 50:243-9, Mar 73 (Eng. Abstr.) **(Pol)**

[Post-influenza complications in patients during the epidemic in 1971 in Łódź] Stempień R, et al.
Przegl Epidemiol 27:229-35, 1973 (Eng. Abstr.) **(Pol)**

[Causes of onset, prophylaxis and treatment of the hemorrhagic complications in mechanical jaundice] Lys PV.
Klin Khir 2:21-6, Feb 73 **(Rus)**

[The state of vascular permeability in patients with different forms of leukemia] Sivachenko TP, et al.
Vrach Delo 9:34-7, Sep 72 (Eng. Abstr.) **(Rus)**

[Postoperative hemorrhage following operations performed with extracorporeal circulation] Simkovic I, et al.
Bratisl Lek Listy 58:646-53, 6 Dec 72 (Eng. Abstr.) **(Slo)**

FAMILIAL & GENETIC

Increased platelet adhesiveness as a familial characteristic. Papayannis AG, et al.
Br J Haematol 24:435-41, Apr 73

[Vasomotoric rhintis as an adverse effect of hormonal contraception] Schreiber U.
HNO 21:180-1, Jun 73 (Eng. Abstr.) **(Ger)**

[The treatment of inherited coagulation disorders] Blombäck M, et al.
Lakartidningen 69:Suppl 4:76-84, 27 Dec 72 (Eng. Abstr.) **(Swe)**

IMMUNOLOGY

The Hermansky-Pudlak syndrome: ultrastructure of bone marrow macrophages. White JG, et al.
Am J Pathol 70:329-43, Mar 73

[Obtaining and selection of anti-leukocytic, anti HL-A sera] Turowski G, et al.
Przegl Lek 29:689-94, 1972 (Eng. Abstr.) **(Pol)**

[Changes in local allergic reactions depending on an increase in tissue hypersensitivity] Kairiukshtis TI.
Patol Fiziol Eksp Ter 16:37-41, Nov-Dec 72 (Eng. Abstr.) **(Rus)**

OCCURRENCE

A three-year study of adolescent boys suffering from haemophilia and allied disorders. Rainsford SG, et al.
Br J Haematol 24:539-51, May 73

[Analysis of hemorrhagic diathesis] Częstochowska E, et al.
Wiad Lek 26:1407-12, 1 Aug 73 (Eng. Abstr.) **(Pol)**

PATHOLOGY

The Hermansky-Pudlak syndrome: ultrastructure of bone marrow macrophages. White JG, et al.
Am J Pathol 70:329-43, Mar 73

[Essential hemorrhagic thrombocythemia] Kužma J, et al.
Vnitr Lek 18:899-904, Sep 72 (Eng. Abstr.) **(Cze)**

[Pathological anatomy of Waterhouse-Friderichsen syndrome with special reference to disseminated intravascular coagulation] Harms D, et al.
Dtsch Med Wochenschr 98:542-7, 16 Mar 73 (Eng. Abstr.) **(Ger)**

[Chloromyelosis (chloroleukemia) in a 36-year-old man] Bobnis W, et al.
Pol Tyg Lek 27:2069-70, 25 Dec 72 (Eng. Abstr.) **(Pol)**

PHYSIOPATHOLOGY

Principles of methodical studies on capillaries in the light of the immunomorphogenesis of the capillary-haemopoietic system. II. Experimental and clinical studies. Stypulkowski C.
Folia Biol (Krakow) 20:193-221, 1972

[Changes in oral mucosa in general diseases. 3. (conclusion)] Gartmann H.
Fortschr Med 89:837-40, 1 Jul 71 **(Ger)**

PREVENTION & CONTROL

A new approach to the surgical management of patients with von Willebrand's disease. Westwood RM, et al.
J Oral Surg 31:483-6, Jun 73

[Causes of onset, prophylaxis and treatment of the hemorrhagic complications in mechanical jaundice] Lys PV.
Klin Khir 2:21-6, Feb 73 **(Rus)**

THERAPY

Disseminated intravascular coagulation: diagnosis and treatment of a hemorrhagic diathesis after prostatectomy. Pickens RL, et al.
J Urol 108:951-3, Dec 72

Effect of plasma and platelet concentrate infusions on factor VIII, platelet adhesiveness, and bleeding time in bleeder swine. Cornell CN, et al.
Thromb Diath Haemorrh 28:431-9, 31 Dec 72

[Emergency therapy in hematologic diseases] Braun HJ.
Z Allgemeinmed 48:930-7, 20 Jul 72 **(Ger)**

[Severe hemorrhagic diathesis in visceral lupus erythematosus in pregnancy] Hengst P, et al.
Zentralbl Gynaekol 94:1014-8, 12 Aug 72 **(Ger)**

[Schedule for diagnostic-therapeutic management of hemorrhagic diathesis] Sulek K.
Wiad Lek 26:417-22, 1 Mar 73 (20 ref.) **(Pol)**

[Causes of onset, prophylaxis and treatment of the hemorrhagic complications in mechanical jaundice] Lys PV.
Klin Khir 2:21-6, Feb 73 **(Rus)**

[The treatment of inherited coagulation disorders] Blombäck M, et al.
Lakartidningen 69:Suppl 4:76-84, 27 Dec 72 (Eng. Abstr.) **(Swe)**

VETERINARY

Hemorrhagic diathesis resembling pseudohemophilia in a dog. Myers LJ, et al.
J Am Vet Med Assoc 161:1028-9, 1 Nov 72

Effect of plasma and platelet concentrate infusions on factor VIII, platelet adhesiveness, and bleeding time in bleeder swine. Cornell CN, et al.
Thromb Diath Haemorrh 28:431-9, 31 Dec 72

[Hemorrhagic diathesis in calves as a result of continuous furazolidone feeding] Glawischnig E, et al.
Milit Med 138:210-3, Sep 73 (Eng. Abstr.) **(Ger)**

HEMORRHAGIC DISEASE OF NEWBORN

Massive pulmonary haemorrhage in the newborn.
Br Med J 3:553-4, 15 Sep 73

Perinatal tips. Zavell PM.
Mich Med 71:1008 passim, Dec 72

BLOOD

[Thrombotest in sick premature infants] Waiti H, et al.
Paediatr Paedol 8:284-90, 1973 (Eng. Abstr.) **(Ger)**

COMPLICATIONS

Perinatal coagulopathies complicating fetal blood sampling. Hull MG. **Br Med J** 4:319-21, 11 Nov 72
Massive scalp haemorrhage after fetal blood sampling due to haemorrhagic disease. Hull MG, et al.
Br Med J 4:321-2, 11 Nov 72

DIAGNOSIS

Hemorrhagic disease due to vitamin K deficiency in a premature infant: a syndrome which may resemble disseminated intravascular coagulation (DIC). Mangurten HH, et al.
Clin Pediatr (Phila) 12:372-5, Jun 73
[Principal neonatal syndromes in relation to fetal diseases. Practical approach to fetal diseases] Simonelli VM.
Minerva Pediatr 24:2008-28, 17 Nov 72 **(Ita)**

DRUG THERAPY

Massive scalp haemorrhage after fetal blood sampling due to haemorrhagic disease. Hull MG, et al.
Br Med J 4:321-2, 11 Nov 72
Hemorrhagic disease due to vitamin K deficiency in a premature infant: a syndrome which may resemble disseminated intravascular coagulation (DIC). Mangurten HH, et al.
Clin Pediatr (Phila) 12:372-5, Jun 73
Acquired coagulation disorders in children. McMillan CW, et al. **Pediatr Clin North Am** 19:1029-45, Nov 72

ETIOLOGY

Hemorrhagic disease due to vitamin K deficiency in a premature infant: a syndrome which may resemble disseminated intravascular coagulation (DIC). Mangurten HH, et al.
Clin Pediatr (Phila) 12:372-5, Jun 73

METABOLISM

Fibrinolytic acivity in lung tissue from neonates with hyaline membrane disease. Ekelund H, et al.
Acta Paediatr Scand 62:149-57, Mar 73

PATHOLOGY

Fibrinolytic acivity in lung tissue from neonates with hyaline membrane disease. Ekelund H, et al.
Acta Paediatr Scand 62:149-57, Mar 73
[Pathological anatomy of bleeding in the perinatal period] Güthert H, et al.
Zentralbl Allg Pathol 116:507-18, 1972 (56 ref.) **(Ger)**

PREVENTION & CONTROL

Vitamin K and the older infant. Lukens JN.
Am J Dis Child 124:639-40, Nov 72
[Delineation of the concept of endangered newborn infant] Mydlil V. **Cesk Pediatr** 28:3-4, Jan 73 **(Cze)**
[Thrombotest in sick premature infants] Waiti H, et al.
Paediatr Paedol 8:284-90, 1973 (Eng. Abstr.) **(Ger)**

THERAPY

Transfusion therapy in congenital deficiencies of plasma factor XIII. Ikkala E.
Ann NY Acad Sci 202:200-3, 8 Dec 72
Carrel's direct transfusion of a five day old infant. (Carrel A), Walker LG Jr.
Surg Gynecol Obstet 137:494-6, Sep 73
[Treatment of hemorrhagic disease of newborn] Labrune B. **Soins** 18:40-4, Feb 73 **(Fre)**

HEMORRHAGIC THROMBOCYTHEMIA

Hemorrhagic thrombocythemia. A case study. Andrushkiw R, et al. **Mich Med** 71:861-4, Oct 72
[A case of megakaryocytic leukemia] Tsuda K, et al.
Jap J Clin Hematol 14:626-33, May 73 (Eng. Abstr.) **(Jap)**

BLOOD

Factors influencing splenic pooling of erythrocytes in the myelo- and lympho-proliferative syndromes. Toghill PJ, et al.
Acta Haematol (Basel) 49:215-22, 1973
Thrombocytosis and thrombocythemia: the laboratory and clinical significance of an elevated platelet count. Davis WM, et al. **Am J Clin Pathol** 59:243-7, Feb 73
Hemorrhagic thrombocythemia. A case study. Andrushkiw R, et al. **Mich Med** 71:861-4, Oct 72
[A case of megakaryocytic leukemia] Tsuda K, et al.
Jap J Clin Hematol 14:626-33, May 73 (Eng. Abstr.) **(Jap)**

COMPLICATIONS

Metabolism of human prothrombin and fibrinogen in patients with thrombocytosis secondary to myeloproliferative states. Martinez J, et al.
Blood 42:35-46, Jul 73
Primary thrombocythemia. Jamshidi K, et al.
Geriatrics 28:121-33, Jan 73
[Asplenic hemorrhagic thrombocythemia in portal hypertension] Patsiora MD, et al.
Vestn Khir 110:125-7, Apr 73 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Primary thrombocythemia. Jamshidi K, et al.
Geriatrics 28:121-33, Jan 73
Hemorrhagic thrombocythemia. A case study. Andrushkiw R, et al. **Mich Med** 71:861-4, Oct 72
[Asplenic hemorrhagic thrombocythemia in portal hypertension] Patsiora MD, et al.
Vestn Khir 110:125-7, Apr 73 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Primary thrombocythemia. Jamshidi K, et al.
Geriatrics 28:121-33, Jan 73
Hemorrhagic thrombocythemia. A case study. Andrushkiw R, et al. **Mich Med** 71:861-4, Oct 72

ENZYMOLOGY

Enzymatic abnormalities in megakaryocytes. Kass L.
Acta Haematol (Basel) 49:193-9, 1973

ETIOLOGY

Thrombocytosis. A source of increased bleeding tendency. Solhaug JH. **Acta Chir Scand** 139:225-7, 1973
Thrombocytosis and thrombocythemia: the laboratory and clinical significance of an elevated platelet count. Davis WM, et al. **Am J Clin Pathol** 59:243-7, Feb 73
Platelet function tests in disease. Tschopp TB, et al.
Annu Rev Med 24:1-18, 1973 (214 ref.)
The spectrum of myeloproliferative disorders. Gilbert HS. **Med Clin North Am** 57:355-93, Mar 73 (129 ref.)
[Portal splenic congestion. Its significance for surgery of portal hypertension and for other epigastric surgical interventions] Ebber G.
Chirurg 44:301-3, Jul 73 **(Ger)**
[Asplenic hemorrhagic thrombocythemia in portal hypertension] Patsiora MD, et al.
Vestn Khir 110:125-7, Apr 73 (Eng. Abstr.) **(Rus)**

FAMILIAL & GENETIC

Primary haemorrhagic thrombocythaemia with Philadelphia chromosome. Ghosh ML.
Postgrad Med J 48:686-8, Nov 72

PATHOLOGY

Enzymatic abnormalities in megakaryocytes. Kass L.
Acta Haematol (Basel) 49:193-9, 1973
[A case of megakaryocytic leukemia] Tsuda K, et al.
Jap J Clin Hematol 14:626-33, May 73 (Eng. Abstr.) **(Jap)**

PHYSIOPATHOLOGY

The spectrum of myeloproliferative disorders. Gilbert HS. **Med Clin North Am** 57:355-93, Mar 73 (129 ref.)

THERAPY

Principles of hematologic supportive care. Graw RG Jr, et al. **Med Clin North Am** 57:441-61, Mar 73 (128 ref.)

HEMOSTASIS

Clinical experiences with chromatographic DEAE adsorbed prothrombin complex for control of bleeding and multiple tooth extraction in hemophilia B patients. Onishi H, et al.
Acta Haematol Jap 34:513-6, Aug 71

Recurrent haemorrhage and haemostasis in patients with ruptured intracranial saccular aneurysms. Nornes H, et al.
Acta Neurol Scand [Suppl] 48:473-6, 1972

Recurrent haemorrhage and haemostasis in patients with ruptured intracranial saccular aneurysms. Nornes H, et al.
Acta Neurol Scand [Suppl] 51:473-6, 1972

Surgical reconstruction of the haemophilias. Duthie RB. **Acta Orthop Belg** 39:485-94, Mar-Apr 73

The functional physiology of blood platelets. Born GV.
Adv Exp Med Biol 34:3-21, 1972 (64 ref.)

Standardzed bleeding time in the study of drugs interfering with platelet function. Praga C, et al.
Adv Exp Med Biol 34:149-58, 1972

Metabolic disorders of platelets. Hellem AJ.
Adv Intern Med 17:171-87, 1971 (69 ref.)

Aspirin as an antiplatelet agent: template bleeding time as a monitor of therapy. Mielke CH Jr, et al.
Am J Clin Pathol 59:236-42, Feb 73

Correction of the platelet abnormality in von Willebrand's disease by cryoprecipitate. Weiss HJ, et al. **Am J Med** 53:734-8, Dec 72

Vascular hemostasis: a review. Stevens DJ.
Am J Med Technol 39:252-7, Jun 73 (50 ref.)

The use of hemostatic clips in general surgery. Parris EB. **Am J Proctol** 23:484-8, Dec 72

Therapy and origin of large pancreatic pseudocysts. Lenggenhager K. **Am J Surg** 125:542-5, May 73

Guided balloon catheter for proximal hemostatic control of ruptured abdominal aortic aneurysm. Lapin R, et al. **Am Surg** 39:271-4, May 73

Operating-room flash fire from use of cautery after aerosol spray: a case report. Plumlee JE.
Anesth Analg (Cleve) 52:202-3, Mar 73

Suppression of factor IX antibody in hemophilia B by factor IX and cyclophosphamide. Nilsson IM, et al.
Ann Intern Med 78:91-5, Jan 73

Hemophilia with factor VIII inhibitor. Elimination of anamnestic response. Stein RS, et al.
Ann Intern Med 79:84-7, Jul 73

Current ideas on the mechanism of platelet aggregation. Born GV.
Ann NY Acad Sci 201:4-12, 27 Oct 72

Factors affecting hemostatic plug formation in an extracorporeal model. Didisheim P, et al.
Ann NY Acad Sci 201:307-15, 27 Oct 72

Demonstration of factor XIII in human megakaryocytes by a fluorescent antibody technique. Kiesselbach TH, et al. **Ann NY Acad Sci** 202:318-28, 8 Dec 72

Prevention of postoperative hemorrhage after pancreatic cystogastrostomy. Hutson DG, et al.
Ann Surg 177:689-93, Jun 73

Management of hemorrhage from esophageal varices using the esophagoscopic sclerosing method. Raschke E, et al. **Ann Surg** 177:99-102, Jan 73

Control of proximal subclavian arterial injury with internal shunt catheter. Doty DB, et al.
Ann Thorac Surg 15:285-6, Mar 73

Tissue adhesives in cutaneous surgery. Wilkinson TS.
Arch Dermatol 106:834-6, Dec 72

The effect of a new anti-inflammatory agent (5-cyclohexylindan-1-carboxylic acid (BL-2365)) on platelet aggregation. Fleming JS, et al.
Arch Int Pharmacodyn Ther 199:164-71, Sep 72

Hemostasis in tonsillectomy. A comparison of electrocoagulation and ligation. Papangelou L.
Arch Otolaryngol 96:358-60, Oct 72

Fibrinolysis and haemostasis. Castaldi PA, et al.
Aust NZ J Med 2:113-7, May 72

A computer-based teaching program in hemostasis. Gilchrest BA, et al. **Blood** 40:560-7, Oct 72

N-butyl cyanoacrylate as a pulp capping agent. Nixon GS, et al. **Br Dent J** 133:14-8, 4 Jul 72

The platelet defect associated with albumism. Hardisty RM, et al. **Br J Haematol** 23:679-92, Dec 72

Report on the transferability of an individual learning system. Engel CE, et al. **Br J Med Educ** 6:311-6, Dec 72

Partial hepatectomy using a carbon-dioxide laser. Hall RR, et al. **Br J Surg** 60:141-4, Feb 73

Spontaneous rupture of hepatocellular carcinoma. Ong GB, et al. **Br Med J** 4:146-9, 21 Oct 72

A new stapling instrument for automatic ligation and division of tissues. Weil PH.
Bull Soc Int Chir 31:498-501, Nov-Dec 72

Protamine--antagonist to heparin. Jaques LB.
Can Med Assoc J 108:1291-7, 19 May 73 (30 ref.)

Cardiac surgery in young pigs. Clark AW, et al.
Cardiovasc Res 6:634-40, Nov 72

A simple method for aortic cannulation. Lambert CJ, et al. **Chest** 64:274-6, Aug 73

Chicago technique for vaginal hysterectomy at the Cook County Hospital. Lash AF, et al.
Clin Obstet Gynecol 15:755-68, Sep 72

Difficult hysterectomy. Mattingly RF, et al.
Clin Obstet Gynecol 15:788-801, Sep 72

Streptokinase: a review of its clinical pharmacology, mechanism of action and therapeutic uses. Brogden RN, et al. **Drugs** 5:357-445, 1973 (260 ref.)

A study of the relationship between the hemostasis and hypoglycemic action of intravenous insulin in rabbits. Kleniewski J. **Endocrinol Exp (Bratisl)** 7:141-6, 1973

The role of platelet function tests in the evaluation of drug toxicity. Hawkins RI.
Eur J Toxicol 5:37-42, Jan-Feb 72

-Pyridylcarbinol in experimental hypercholesterinemia of the rabbit. Study of lipidic fractions and of the mechanisms of hemostasis. Giarola P, et al. **Farmaco [Sci]** 27:1018-23, Nov 72

Myeloproliferative disorders and platelet functions. Kubisz P. **Folia Haematol (Leipz)** 99:202-11, 1973

Haemolysis during haemostasis in skin puncture. McCarthy D, et al. **Ir J Med Sci** 142:123-6, May 73

The carbon dioxide laser in clinical surgery. A preliminary report. Kaplan I, et al.
Isr J Med Sci 9:79-83, Jan 73

Problems associated with the use of the knee-chest position for operations on lumbar intervertebral discs. Alexander JP.
J Bone Joint Surg [Br] 55:279-84, May 73

Aorto-iliac endarterectomy. Considerations and technique. Bianchi Donaire PM.
J Cardiovasc Surg (Torino) 13:449-53, Sep-Oct 72

Hoemostasis by endo-vascular occlusion in reoperations for aneurysms on vascular prostheses. Descotes J, et al.
J Cardiovasc Surg (Torino) 14:419-21, Jul-Aug 73

Plasmin-induced platelet aggregation and platelet release reaction. Effects on hemostasis. Niewiarowski S, et al. **J Clin Invest** 52:1647-59, Jul 73

Plasmin-induced platelet aggregation and platelet release reaction. Effects on hemostasis. Niewiarowski S, et al. **J Clin Invest** 22:1647-59, Jul 73

Control of common carotid and innominate artery hemorrhage complicating tracheostomy. Fox JL.
J Neurosurg 38:394, Mar 73

The influence of autonomic arousal on blood clotting time in patients receiving electroconvulsive treatments. Ruxin RL, et al.
J Psychosom Res 16:185-92, Jun 72

Delayed major vessel hemorrhage following tracheostomy. Brantigan CO.
J Trauma 13:235-7, Mar 73

Laser excision of acute third-degree burns followed by immediate autograft replacement: an experimental study in the pig. Stellar S, et al.
J Trauma 13:45-53, Jan 73

Hemostatic retropubic prostatectomy. Bensimon H.
J Urol 110:326-8, Sep 73

Intravesical hydrostatic pressure treatment: new method for control of bleeding from the bladder mucosa. Holstein P, et al. **J Urol** 109:234-6, Feb 73

The management of severe renal lacerations. Krahn HP, et al. **J Urol** 109:11-3, Jan 73

Intravenously given conjugated estrogens. Lack of effect of capillary stability. Zacharski LR, et al.
JAMA 224:1519-20, 11 Jun 73

Transfusion studies in von Willebrand's disease. Takahama T. **Kumamoto Med J** 25:122-6, 31 Dec 72

Stressed template bleeding-time and other platelet-function tests in myocardial infarction. O'Brien JR, et al. **Lancet** 1:694-6, 31 Mar 73

Bleeding-time. Quick AJ. **Lancet** 2:871, 21 Oct 72

Treatment of haemophilia. **Lancet** 2:648-9, 22 Sep 73

Liver trauma. **Lancet** 2:641, 23 Sep 72

Liver resection. Blaisdell FW, et al.
Major Probl Clin Surg 3:131-45, 1971

Trauma to the liver. Madding GF, et al.
Major Probl Clin Surg 3:1-181, 1971 (365 ref.)
Urokinase inhibitor in human placenta. A thromboelastographic evaluation. Uszyński M, et al.
Mater Med Pol 3:15-9, Oct-Dec 71
Bleeding disorders due to abnormal platelet function. Weiss HJ.
Med Clin North Am 37:517-30, Mar 73 (58 ref.)
The role of platelets in blood coagulation. Possible significance for hemostasis. Walsh PN.
Medicina (B Aires) 33:163-80, Mar-Apr 73 (Eng. Abstr.) (Rus)
Factor 8 on the vascular intima: possible importance in haemostasis and thrombosis. Bloom AL, et al.
Nature [New Biol] 241:217-9, 14 Feb 73
Antifibrinolytic therapy in addiction to replacement treatment: a new approach to hemostasis in hemophilics during synovectomy. Turpini R, et al.
New Istanbul Contrib Clin Sci 10:59-68, Jun 72
Hemostatic "cerclage" after knife conization of the cervix. VillaSanta U.
Obstet Gynecol 42:299-301, Aug 73
Suggestion for reducing haemorrhage in operations on the lacrimal sac. Genovesi E.
Ophthalmologica 166:399-400, 1973
Thrombosthenin, the contractile protein of blood platelets. New facts and problems. Lüscher EF, et al.
Pathol Biol (Paris) Suppl:89-101, Dec 72 (85 ref.)
Acquired coagulation disorders in children. McMillan CW, et al. **Pediatr Clin North Am** 19:1029-45, Nov 72
Hematologic effects of cardiac disease. Maurer HM.
Pediatr Clin North Am 19:1083-93, Nov 72 (50 ref.)
Safety clips prevent hemorrhage. Fischer GW, et al.
Pediatrics 51:957, May 73
Enhancement of the antihemostatic effect of acetylsalicylic acid by ring iodination. Mende TJ.
Pharmacology 7:249-54, 1972
Adding a given concentration of epinephrine to a solution by needle drops. Bellinger CG.
Plast Reconstr Surg 50:530-1, Nov 72
Use of the Saran Wrap cuff in microsurgical arterial repairs. McLean DH, et al.
Plast Reconstr Surg 51:624-7, Jun 73
Expanding hematoma after rhytidectomy. A retrospective study. Rees TD, et al.
Plast Reconstr Surg 51:149-53, Feb 73
Effective hemostasis with less epinephrine. An experimental and clinical study. Siegel RJ, et al.
Plast Reconstr Surg 51:129-33, Feb 73
The value of different hemostats applied to the hard bleeding edges of the uterine wound in caesarean sections appraised by comparative hysterographic study. Negura-Marderos A, et al.
Rev Med Chir Soc Med Nat Iasi 76:419-22, Apr-Jun 72
Erythrocyte crystallization in rat molar periodontium incident to tooth movement. Rygh P, et al.
Scand J Dent Res 81:62-73, 1973
Re-appraisal of the Sengstaken-Blakemoore ballon tamponade for bleeding esophageal varices; results in 91 patients. Johansen TS, et al.
Scand J Gastroenterol 8:181-3, 1973
Hemostatic problems in liver surgery. Rö JS.
Scand J Gastroenterol [Suppl] 19:71-81, 1973 (67 ref.)
Haemostatic functions of platelets and their disorders. Hardisty RM. **Sci Basis Med** 222-37, 1972 (55 ref.)
Arthritis in hemophilia. Kisker CT, et al.
Semin Arthritis Rheum 1:220-5, Winter 72
Massive intraoperative autotransfusion of blood. Rakower SR, et al.
Surg Gynecol Obstet 137:633-6, Oct 73
Helpful maneuver for excision of intraoral malignant tumors. Vasconez LO, et al.
Surg Gynecol Obstet 136:985, Jun 73
The effect of gastric cooling on hemostasis. Waterman NG, et al. **Surg Gynecol Obstet** 137:80-2, Jul 73
Anatomical hepatic lobectomy in trauma to the liver. Donovan AJ, et al. **Surgery** 73:833-47, Jun 73 (45 ref.)
Clinical hypothermia: a lady with a past and some promise for the future. Swan H.
Surgery 73:736-58, May 73 (212 ref.)
The effects of bile salts on some coagulation components and related enzymes. Engel AM, et al.
Thromb Diath Haemorrh 27:594-609, 31 Jul 72
The effect of venous occlusion on the sequestration of blood platelets. Hladovec J, et al.
Thromb Diath Haemorrh 28:383-92, 31 Dec 72
Scanning electron microscopic observation of platelets in hemostasis. Shimamoto T, et al.
Thromb Diath Haemorrh 29:168-82, 28 Feb 73
The effects of Naja flava venom on blood coagulation. Mohamed AH, et al. **Toxicon** 10:619-25, Oct 72
Electrocoagulation for the control of bleeding at adenotonsillectomy: pros and cons. Ritter FN, et al.
Trans Am Acad Ophthalmol Otolaryngol 76:1340-5, Sep-Oct 72
Arteriography in pelvic fractures with massive hemorrhage. Kerr WS Jr, et al.
Trans Am Assoc Genitourin Surg 64:14-7, 1972
Surgical techniques for cage birds. Wallach JD.
Vet Clin N Amer 3:229-36, May 73
[Hemostatic disorders in the treatment of leukoblastosis with L-asparaginase (crasnitin)] Genova V. **Vutr Boles** 12:43-9, 1973 (Eng. Abstr.) (Bul)
[Platelet acid phosphatase activity in platelet disorders] Kubisz P.
Vnitr Lek 18:958-68, Oct 72 (Eng. Abstr.) (Cze)
[Tolerance to foreign material in neurosurgery] Noterman J.
Acta Chir Belg 70:220-35, Mar 71 (Eng. Abstr.) (Fre)
[Vascular filling by means of association of a balanced sodium solute and a modified fluid gelatin] Joder F, et al. **Agressologie** 13:135-42, 1972 (Eng. Abstr.) (Fre)
[Anesthesia and resuscitation in infarction surgery. 6 cases concerning patients with left ventricle aneurysm resection and aortocoronary bypass] Salamagne JC, et al.
Anesth Analg (Paris) 28:1171-5, Nov-Dec 71 (Fre)
[Spontaneous ruptures of the liver during pregnancy] Cady J, et al.
Ann Chir 26:823-6, Sep 72 (Eng. Abstr.) (Fre)
[Hepatectomy and liver injuries (apropos of 12 cases)] Clot JP, et al.
Ann Chir 26:827-37, Sep 72 (Eng. Abstr.) (Fre)
[Experimental study of the hemostatic effects of the biological glue G.R.F. applied to slices of renal parenchyma] Kelemen Z, et al.
Ann Chir 26:807-13, Sep 72 (Eng. Abstr.) (Fre)
[Late cataclysmic tracheal hemorrhage following tracheotomy; new surgical success and over-all results of 10 operations] Couraud L, et al.
Ann Chir Thorac Cardiovasc 11:401-3, Oct 72 (Eng. Abstr.) (Fre)
[Hemostasis using the direct tuberculous cavitation approach for severe hemoptysis] Lochard J, et al.
Ann Chir Thorac Cardiovasc 11:307-8, Sep 72 (Eng. Abstr.) (Fre)
[Fistulization of the brachiocephalic arterial trunk into the trachea during respiratory resuscitation] Toumieux B, et al.
Ann Chir Thorac Cardiovasc 11:405-9, Oct 72 (Eng. Abstr.) (Fre)
[Effect of calcium dobesilate on capillary resistance and permeability and on bleeding time and platelet adhesiveness modified by dextran] Thomas J, et al.
Ann Pharm Fr 30:415-27, Jun 72 (Eng. Abstr.) (Fre)
[Identification and separation of different factors of the venom of Vipera aspis active in hemostasis] Boffa MC, et al. **C R Soc Biol (Paris)** 165:2287-93, 1971 (Fre)
[2 cases of arterial lesions during repair of inguinal hernia] Gautier R, et al.
Chirurgie 98:722-3, Nov 72 (Eng. Abstr.) (Fre)
[Segmentectomy for hemostasis (segment IV) after right hepatectomy for hydatid cyst] Gilbertas A, et al.
Chirurgie 98:768-72, 13 Dec 73 (Eng. Abstr.) (Fre)
[Value of tranexamic acid in extracapsular tonsillectomy in adults] Mazauric FX, et al.
J Fr Otorhinolaryngol 22:165-8, Feb 73 (Fre)
[Prostatic adenomectomy hemorrhages] Auvert J, et al. **J Urol Nephrol (Paris)** 78:466-71, Jun 72 (Fre)
[Continuous peridural anesthesia in the reduction of per- and postoperative hemorrhage of prostatic adenomectomy, apropos of 159 cases (January 1970-March 1971)] Bollack C, et al.
J Urol Nephrol (Paris) 78:480-6, Jun 72 (Fre)
[Hemostasis in prostatic surgery. Remarks on 2,000 personal cases] Caissel J.
J Urol Nephrol (Paris) 78:494-6, Jun 72 (Fre)
[Value of cerclage and depression of the prostatic compartment by R. Denis' method after adenomectomy] Camey M.
J Urol Nephrol (Paris) 78:477, Jun 72 (Fre)
[A simple technic for safe prostatectomy] Castelmur G de, et al. **J Urol Nephrol (Paris)** 78:501-3, Jun 72 (Fre)
[Hemorrhage following 100 prostatectomies done by Millin's method] Davillas N, et al.
J Urol Nephrol (Paris) 78:821-4, Oct-Nov 72 (Eng. Abstr.) (Fre)
[Role of partial nephrectomy in the treatment of renal lithiasis (apropos of 34 cases)] Dimopoulos C, et al.

J Urol Nephrol (Paris) 78:159-67, Mar 72 (Eng. Abstr.) (Fre)
[Hemorrhages in adenomectomy (apropos of 100 cases)] Küss R, et al.
J Urol Nephrol (Paris) 78:461-6, Jun 72 (Fre)
[401 continuous series prostatectomies by R. Denis' technic] Lebrun J, et al.
J Urol Nephrol (Paris) 78:478-9, Jun 72 (Fre)
[Prevention and treatment of hemorrhages caused by prostatectomy] Lhez A.
J Urol Nephrol (Paris) 78:492-4, Jun 72 (Fre)
[Hemorrhage caused by prostatectomy. Statistics on 450 consecutive prostatectomies] Lision J.
J Urol Nephrol (Paris) 78:505-6, Jun 72 (Fre)
[Results of our hemostatic technic in prostatic adenomectomy. Statistics on 500 cases] Neveu J, et al.
J Urol Nephrol (Paris) 78:472-4, Jun 72 (Fre)
[Hemorrhages in prostatic adenoma surgery. Introduction] Richaud C.
J Urol Nephrol (Paris) 78:459-61, Jun 72 (Fre)
[Primary and secondary hemorrhages after retropubic prostatic operation] Rigondet G, et al.
J Urol Nephrol (Paris) 78:496-500, Jun 72 (Fre)
[Hemorrhages in prostatectomy] Rometti A, et al.
J Urol Nephrol (Paris) 78:490-1, Jun 72 (Fre)
[Study of hemorrhages in 1,000 cases of Hryntschak type prostatectomy] Schilliro R.
J Urol Nephrol (Paris) 78:503-5, Jun 72 (Fre)
[Progress in prostatectomy hemorrhage prevention. 469 personal cases in 5 years] Vincent MA.
J Urol Nephrol (Paris) 78:486-8, Jun 72 (Fre)
[Hepatectomy for severe traumatic lesions of the liver] Gabrielle CL, et al.
Lyon Chir 68:164-6, May-Jun 72 (Eng. Abstr.) (Fre)
[Experimental study of a gelatin base glue in hemostasis of hepatic wounds] Lerat JL, et al.
Lyon Chir 68:143-5, Mar-Apr 72 (Fre)
[The defibrination syndrome, complication of an atheromatous aneurysm of the thoracic aorta: clinical, biological and anatomical study] Kolodie L, et al.
Lyon Med 227:1075-80, 11 Jun 72 (Eng. Abstr.) (Fre)
[Common bile duct opening location and duodenal derimming. Common bile duct location and retrograde duodenectomy] Guivarch M, et al.
Nouv Presse Med 2:247-9, 27 Jan 73 (Eng. Abstr.) (Fre)
[Technic of surgical biopsy of the liver] Mousseau M.
Nouv Presse Med 2:1007-8, 14 Apr 73 (Fre)
[Transfusion accident due to ABO incompatibility. Heparin treatment] Pire JC, et al.
Rev Fr Transfus 15:331-5, Dec 72 (Eng. Abstr.) (Fre)
[Fibrinolytic activity in the hemophilic synovia. Histochemical study] Storti E, et al.
Schweiz Med Wochenschr 102:1614-5, 4 Nov 72 (Eng. Abstr.) (Fre)
[Acute disseminated intravascular coagulation in an obstetrical unit. Study of 9 cases. Diagnostic criteria. Therapeutic management] Cornu P, et al.
Sem Hop Paris 49:1419-28, 26 Apr 73 (Eng. Abstr.) (Fre)
[Conservative therapy of gastrointestinal hemorrhages with special reference to stress ulcer] Brunswig D.
Fortschr Med 90:1003-4, 12 Oct 72 (Ger)
[Rules and regulations in the therapy of hemophilia] Landbeck G, et al.
Fortschr Med 90:542-6, 11 May 72 (Ger)
[Treatment of "stress-ulcer" hemorrhage using cryotherapy] Larena A, et al.
Fortschr Med 90:1005-8, 12 Oct 72 (Ger)
[Basal skull fractures from the rhinologic and otologic viewpoint] Kley W.
Langenbecks Arch Chir 329:543-7, Dec 71 (Eng. Abstr.) (Ger)
[Urgent care for severe maxillofacial injuries] Schröder F, et al.
Langenbecks Arch Chir 329:97-105, Dec 71 (Eng. Abstr.) (Ger)
[Vascular supply of the nasal cavities and treatment of profuse epistaxis] Federspil P.
Munch Med Wochenschr 114:1866-70, 27 Oct 72 (Eng. Abstr.) (Ger)
[The ABC of immediate measures at the scene of the accident and transport to hospital] Sehhati G, et al.
Munch Med Wochenschr 115:1201-7, 29 Jun 73 (Eng. Abstr.) (Ger)
[Changes in blood coagulation in pulmonary surgery] Rasche H, et al. Pneumonologie 147:211-5, 1972 (Ger)
[Physiopathological changes in endotoxic shock] Glaser E, et al.
Verh Dtsch Ges Inn Med 77:157-61, 1971 (Ger)
[Hemostasis in bronchoscopic procedures using the new vasoconstrictor agent ornithine-8-vasopressin] Wieser O, et al.
Wien Med Wochenschr 123:231-2, 7 Apr 73 (Ger)
[Laboratory-chemical studies on portal blood] Rieche K, et al. Z Exp Chir 4:190-2, 1971 (Eng. Abstr.) (Ger)
[Inhibition of the thromboplastic effect of placental extracts using trasylol] Slunsky R.
Z Geburtshilfe Perinatol 176:201-6, Jun 72 (Eng. Abstr.) (Ger)
[Use of POR 8 in urologic surgery] Bergmann M.
Z Urol Nephrol 65:775-9, Oct 72 (Ger)
[The importance of bronchial tamponade in the treatment of severe pulmonary hemorrhage] Padányi A. Orv Hetil 114:1854-8, 5 Aug 73 (Hun)
[The role of thehemostatic system in the use of artificia organs and organ transplantation] Sas G.
Orv Hetil 114:1095-100, 13 May 73 (Hun)
[Kidney and hemostasis. II. Therapeutic approach to various immunological renal diseases with blood platelet aggregation inhibitors] De Gaetano G, et al.
Clin Ter 63:425-35, 15 Dec 72 (Ita)
[Kidney and hemostasis. I. Significance of the fibrinogen-similar material in immunologic renal diseases and in crisis of transplanted kidney rejection] Donati MB, et al.
Clin Ter 63:407-23, 15 Dec 72 (Ita)
[Hemostasis and hypoxic hypoxia] Strumza MV.
Minerva Med 63:391-7, 1972 (Ita)
[Fibrinolysis in chronic renal insufficiency treated wth periodic hemodialysis] Triolo R, et al.
Minerva Med 63:3704-12, 29 Sep 72 (Eng. Abstr.) (Ita)
[Evolution of etiopathogenetic knowledge of hemophilia syndromes] Morrone G.
Pediatria (Napoli) 80:170-85, 1972 (80 ref.) (Ita)
[Hemorrhagic diathesis and hemostasis] Nakano S.
Jap J Nurs 37:486-9, Apr 73 (Jap)
[Control of hemorrhage in prostatectomy. Study of vesical neck closure] Imamura K, et al.
Jap J Urol 63:1039-44, Dec 72 (Eng. Abstr.) (Jap)
[Blood coagulation and fibrinolysis processes in menstrual blood] Zuch A, et al.
Acta Haematol Pol 2:359-65, Oct-Dec 71 (43 ref.) (Pol)
[Physiological mechanisms of the system's physical efficacy] Kozlowski S, et al.
Acta Physiol Pol [Suppl] 24:49-66, 1973 (Pol)
[Ontogenetic variability of fibrin stabilizing factor level (FSF--Factor XIII of blood coagulation system) in the plasma of healthy children] Zuch A, et al.
Pediatr Pol 47:1197-203, Oct 72 (Eng. Abstr.) (Pol)
[The Ehlers-Danlos syndrome (Cutis hyperelastica)] Olszewska Z.
Przegl Dermatol 59:793-7, Nov-Dec 72 (40 ref.) (Pol)
[Usefulness of biochemical and gasometric studies in the management of cases of severe bodily injuries] Dąbrowski W, et al.
Wiad Lek 26:225-9, 1 Feb 73 (Eng. Abstr.) (Pol)
[Hemostatic system in patients with malignant neoplasms] Okulski J, et al.
Wiad Lek 26:281-5, 15 Feb 73 (Eng. Abstr.) (Pol)
[Sinus occlusion by a balloon as a method of hemostasis in the sinuses of the brain] Ogleznev KIa, et al.
Eksp Khir Anesteziol 17:22-3, Sep-Oct 72 (Eng. Abstr.) (Rus)
[Coagulopathic syndrome in vibration disease] Demin AA, et al. Gig Tr Prof Zabol 16:53-5, Nov 72 (Rus)
[Role of the heart and vessels in regulating blood coagulation and fibrinolysis] Kuznik BI, et al.
Kardiologiia 13:145-54, Apr 73 (112 ref.) (Rus)
[Evaluation of the basic methods of studying primary hemostasis and the dynamic function of blood platelets (review of the literature)] Shitikova AS.
Lab Delo 11:648-56, 1972 (100 ref.) (Rus)
[Dynamic function of the thrombocytes (a survey of the literature)] Odesskaia TA.
Probl Gematol Pereliv Krovi 17:47-53, Jul 72 (117 ref.) (Rus)
[Role of the vascular wall in the process of hemostasis] Kuznik BI.
Usp Sovrem Biol 75:61-85, Jan-Feb 73 (258 ref.) (Rus)
[Hemostasis and controlled hypotension during endotracheal narcosis in operative otolaryngology] Ermakov EA, et al.
Zh Ushn Nos Gorl Bolezn 32:73-8, Jul-Aug 72 (Eng. Abstr.) (Rus)
[Utility of Sengstaken-Blakemore ballon catheter. Prospective study] Mardomingo Varela P, et al.
Rev Esp Enferm Apar Dig 39:283-98, 1 Feb 73 (Eng. Abstr.) (Spa)
[Technic of hemostasis of the prostatic fossa following

prostatectomy] Hromadko M, et al.
Lijec Vjesn 95:204-6, Apr 73 (Eng. Abstr.) (Cro)
[Control of hemorrhage in prostatectomy] Novak R.
Lijec Vjesn 95:210-2, Apr 73 (Cro)

ADVERSE EFFECTS

[Utility of Sengstaken-Blakemore ballon catheter. Prospective study] Mardomingo Varela P, et al.
Rev Esp Enferm Apar Dig 39:283-98, 1 Feb 73 (Eng. Abstr.) (Spa)

INSTRUMENTATION

Automatic stapling devices. Awe WC, et al.
Am Surg 39:475-6, Aug 73
Slipknot preparation for hemostasis. Kabaker SS.
Eye Ear Nose Throat Mon 52:218-21, Jun 73
Blood clotting time and clotting strength measured by a hemotensiometer. Altshuler TL, et al.
IEEE Trans Biomed Eng 20:152-4, Mar 73
Hoemostasis by endo-vascular occlusion in reoperations for aneurysms on vascular prostheses. Descotes J, et al.
J Cardiovasc Surg (Torino) 14:419-21, Jul-Aug 73
A use for the Fogarty embolectomy catheter in hemostasis. Monro JL, et al.
J Thorac Cardiovasc Surg 65:897-8, Jun 73
Retained surgical sponge following laminectomy. Gifford RR, et al. JAMA 223:1040, 26 Feb 73
A new ligature manipulator. McKay I.
Lancet 1:976, 5 May 73
A simple haemostatic device. Segal AW.
Lancet 1:378, 17 Feb 73
The control of abdominal haemorrhage by external counterpressure. Lewis DG, et al.
Resuscitation 1:117-30, Jul 72
The value of different hemostats applied to the hard bleeding edges of the uterine wound in caesarean sections appraised by comparative hysterographic study. Negura-Marderos A, et al.
Rev Med Chir Soc Med Nat Iasi 76:419-22, Apr-Jun 72
A new multipurpose catheter. Gopalrao T, et al.
Vasc Surg 6:180-5, Sep-Oct 72
[Use of the newly modified apparatus ALSh-20 stopping hemorrhage at the surgical site during tonsillectomy] Foderman VM, et al.
Zh Ushn Nos Gorl Bolezn 32:85-6, Mar-Apr 72 (Rus)

MORTALITY

Re-appraisal of the Sengstaken-Blakemoore ballon tamponade for bleeding esophageal varices; results in 91 patients. Johansen TS, et al.
Scand J Gastroenterol 8:181-3, 1973

HEMOSTATICS

Cortical vein thrombosis in the dog with a review of aseptic intracranial venous thrombosis in man. Heinz ER, et al. Acta Radiol [Diagn] (Stockh) 13:105-14, 1972
Titration of the acceptor cross-linking sites in fibrin. Lorand L, et al. Ann NY Acad Sci 202:155-71, 8 Dec 72
Conformational changes of IRC-50 arvin at high pH. Collins JP. Biochem J 128:132P, Jul 72
Polymers in surgical repair.
Food Cosmet Toxicol 11:314-8, Apr 73 (30 ref.)
Medical and surgical applications of collagen. Chvapil M, et al.
Int Rev Connect Tissue Res 6:1-61, 1973 (253 ref.)
Tissue adhesives in dentistry. A review. Bhaskar SN.
J Can Dent Assoc 38:337-43, Sep 72 (22 ref.)
The use of bucrylate to achieve hemostasis in tooth extraction sites. Howard D, et al.
Oral Surg 35:762-5, Jun 73
The skin graft donor site as a model for evaluation of hemostatic agents. Wilkinson TS, et al.
Plast Reconstr Surg 51:541-4, May 73
Characterization of the coagulant activity of some snake venoms. Denson KW, et al.
Toxicon 10:557-62, Oct 72
Coagulant and esterase activities of thrombin and Bothrops atrox venom. Devi A, et al.
Toxicon 10:563-73, Oct 72
[Clinical pharmacology. 10. Hemostatics] Hokari S.
Jap J Nurs 36:1328-31, Oct 72 (Jap)
[Use of GRF (gelatin-resorcin-formaldehyde) tissue adhesive in segmental surgery of the spleen] Chiriac V, et al.
Rev Med Chir Soc Med Nat Iasi 16:739-42, Jul-Sep 72 (Eng. Abstr.) (Rum)

ADMINISTRATION & DOSAGE

Carbazochrome salicylate as a parenteral hemostat in tonsillectomy. McLean WM, et al.
Can J Surg 16:333-4, Sep 73
Intracranial haemorrhage in low-birth-weight infants and prophylactic administration of coagulation-factor concentrate. Waltl H, et al. Lancet 1:1284-6, 9 Jun 73
[Experimental testing of local hemostyptics] Köhnlein HE, et al. Chirurg 43:378-81, Aug 72 (Ger)
[Therapy for diabetics before, during and after operation] Molnár L, et al.
Klin Monatsbl Augenheilkd 160:615-8, May 72 (Eng. Abstr.) (Ger)

ADVERSE EFFECTS

Ventricular arrhythmias after topical vasoconstrictors. Vaughan RW. Anesth Analg (Cleve) 52:161-5, Mar 73

ANALYSIS

Diagnosis and treatment of common bleeding disorders. Caprini JA, et al.
Ill Med J 142:564-8 passim, Dec 72
Purification and properties of the coagulant and anticoagulant principles of Agkistrodon acutus venom. Ouyang C, et al.
J Formosan Med Assoc 71:401-7, 28 Jun 72

ISOLATION & PURIFICATION

Purification and properties of the coagulant and anticoagulant principles of Agkistrodon acutus venom. Ouyang C, et al.
J Formosan Med Assoc 71:401-7, 28 Jun 72

PHARMACODYNAMICS

Effects of various hemostyptic drugs in rats. Koehnlein HE. Plast Reconstr Surg 50:462-6, Nov 72
[Effect of various hemostyptics in animal experiment] Mergard U, et al.
Chirurg 43:411-5, Sep 72 (Eng. Abstr.) (Ger)

STANDARDS

Anticoagulant control and standardization of coagulation reagents. Poller L.
Med Lab Technol 29:280-92, Jul 72
[Experimental testing of local hemostyptics] Köhnlein HE, et al. Chirurg 43:378-81, Aug 72 (Ger)

THERAPEUTIC USE

Comparative evaluation of Avitene microcrystalline collagen hemostat in experimental animal wounds. Halt MR, et al. Am J Surg 125:284-7, Mar 73
Ventricular arrhythmias after topical vasoconstrictors. Vaughan RW. Anesth Analg (Cleve) 52:161-5, Mar 73
Carbazochrome salicylate as a parenteral hemostat in tonsillectomy. McLean WM, et al.
Can J Surg 16:333-4, Sep 73
Management of dentoalveolar hemorrhage.
Lapeyrolerie F. Dent Clin North Am 17:523-32, Jul 73
Intracranial haemorrhage in low-birth-weight infants and prophylactic administration of coagulation-factor concentrate. Waltl H, et al. Lancet 1:1284-6, 9 Jun 73
Phenol skin tightening for better dermabrasion. Dupont C, et al. Plast Reconstr Surg 50:588-90, Dec 72
Is primary fibrinolysis a real entity? Gans H.
Surg Gynecol Obstet 136:975-6, Jun 73
[Antihemophilic cryoprotein in dentoalveolar surgery in hemophilia A] Majer P, et al.
Cesk Stomatol 73:261-4, 1973 (Eng. Abstr.) (Cze)
[Prevention of hemorrhage in prostatic surgery. Apropos of the study of the hemostatic activity in prostatectomy of a new molecule: beta-naphthoquinone monosemicarbazone (Naftazone)] Charles O, et al.
Ann Urol (Paris) 6:209-12, Sep 72 (Eng. Abstr.) (Fre)
[Calcium dobesilate action in ophthalmology] Offret G, et al.
Arch Ophtalmol (Paris) 32:241-4, Mar 72 (Eng. Abstr.) (Fre)
[Generalized acquired essential telangiectases in a

multipara] Grupper C, et al.
Bull Soc Fr Dermatol Syphiligr 79:220-1, 1972 **(Fre)**
[Preventive treatment of spontaneous abortion, such as it results from the study of mechanism of contraction and relaxation of uterine muscle] Kato K, et al. **Gynecol Prat** 23:89-94, 1972 (Eng. Abstr.) **(Fre)**
[Control of pathological bleeding after dental extraction by application of gelatin-resorcin-formol glue (Kelemen's method)] Vergoz D, et al.
Nouv Presse Med 2:1459-60, 26 May 73 **(Fre)**
[Experimental testing of local hemostyptics] Köhnlein HE, et al. **Chirurg** 43:378-81, Aug 72 **(Ger)**
[Diagnostic and therapeutic guidelines in severe hemorrhages of the upper intestinal tract] Zimmermann HG. **Chirurg** 43:564-8, Dec 72 **(Ger)**
[Conservative therapy of gastrointestinal hemorrhages with special reference to stress ulcer] Brunswig D.
Fortschr Med 90:1003-4, 12 Oct 72 **(Ger)**
[Research findings on 50 patients with panmyelopathy] Hartwich G, et al.
Med Klin 68:765-71, 8 Jun 73 (Eng. Abstr.) **(Ger)**
[Theapy of panmyelopathy] Lutz H, et al.
Med Klin 68:761-4, 8 Jun 73 (19 ref.) **(Ger)**
[Drug therapy of hemorrhage in dental practice] Osten W. **Zahnaerztl Prax** 24:294 passim, 1 Jun 73 **(Ger)**
[Hemostasis in dentistry] Harnisch H.
ZWR 82:124-6 passim, 10 Feb 73 **(Ger)**
[The therapeutic management of hemorrhagic diathesis in dentistry] Pantazapoulos P, et al.
Stomatologia (Athenai) 29:415-24, Nov-Dec 72 (Eng. Abstr.) **(Gre)**
[Cepevit-K preparation in controlling hemorrhages and bleeding following tooth extraction] Antoszewski Z.
Pol Tyg Lek 27:1861-2, 20 Nov 72 (Eng. Abstr.) **(Pol)**
[Calcium-dobesilate in chronic crural thrombophlebitis] Lawkowicz W, et al.
Wiad Lek 26:599-601, 1 Apr 73 (Eng. Abstr.) **(Pol)**
[Therapeutic value of calcium-dobesilate in hemostatic disorders of the vascular type] Lawkowicz W, et al.
Wiad Lek 25:1521-4, 1 Sep 72 (Eng. Abstr.) **(Pol)**
[Use of the hemostatic spongostan in otorhinolaryngologic practice] Revskoĭ IuK.
Zh Ushn Nos Gorl Bolezn 31:98, Jul-Aug 71 **(Rus)**
[Hemostatic effect of Emex in treatment of hemorrhage in otorhinolaryngology] Haci Boškov A, et al.
God Zb Med Fak Skopje 18:381-6, 1972 (Eng. Abstr.) **(Ser)**

HEPARIN

Changes in serum potassium and lactic acid during and after asanguinous liver cooling. A study on pigs. Bengmark S, et al. **Acta Chir Scand** 139:321-5, 1973
In vivo effect of phytohaemagglutinin on mouse haemopoietic tissue. Morris WT.
Acta Haematol (Basel) 49:57-64, 1973
Heinz body susceptibility of red cells and exchange transfusion. Schröter W, et al.
Acta Haematol (Basel) 49:74-9, 1973
Studies on metachromasia. II. Probable cause for the differential staining by toluidine blue of nucleic acids in tissue sections. Azariah J.
Acta Histochem (Jena) 44:9-14, 1972
Heparin coating of catheters against thromboembolism in percutaneous catheterization for angiography. Björk L. **Acta Radiol [Diagn] (Stockh)** 12:576-8, Sep 72
The structure of normal and pathologic erythrocytes. Bessis M, et al.
Adv Biol Med Phys 14:35-91, 1973 (102 ref.)
Polysaccharides in cancer. Nigam VN, et al.
Adv Cancer Res 16:1-96, 1972 (461 ref.)
Platelet factor-4--methods of study. Donati MB, et al.
Adv Exp Med Biol 34:295-308, 1972
The value of measuring platelet "adhesiveness" in the diagnosis of bleeding diseases. Bowie EJ, et al.
Am J Clin Pathol 60:302-8, Sep 73
The relationship of protamine sulfate to nonspecific precipitin reactions in immunodiffusion. Buhmeyer KJ, et al. **Am J Clin Pathol** 58:303-4, Sep 72
Plasma fibrinogen determination by automated thrombin time. Okuno T, et al.
Am J Med Technol 38:196-201, Jun 72
Hazards of radial-artery catheterization. Downs JB, et al. **Anesthesiology** 38:283-6, Mar 73
Platelet membrane mucopolysaccharides: some relevant observations. O'Brien JR.
Ann NY Acad Sci 201:316-28, 27 Oct 72
Experiments aimed at separating the mechanical circulatory effects of ethanol from specific chemical effects. An introduction to a biophysical analysis of a toxic state. Pennington RC, et al.
Ann NY Acad Sci 215:356-65, 30 Apr 73
Elimination of fibrinogen from synovial joints. Harrold AJ. **Ann Rheum Dis** 32:29-34, Jan 73
Hormonal effect on glycoproteins and glycosaminoglycans in rabbit uteri. Endo M, et al.
Arch Biochem Biophys 156:397-403, Jun 73
Polyanion induced physical changes in isolated nuclei. Scheintaub HM, et al.
Arch Biochem Biophys 158:171-6, Sep 73
Heparin-bound aminoethylcellulose as an antithrombogenic surface. Rittenhouse EA, et al.
Arch Surg 105:752-5, Nov 72
Heparin-bound aminoethylcellulose as an antithrombogenic surface. Rittenhouse EA, et al.
Arch Surg 104:752-5, Nov 72
Specific coagulation factor adsorption to insoluble heparin. Gentry PW, et al.
Biochem Biophys Res Commun 50:500-9, 23 Jan 73
Inhibition of the thrombin-fibrinogen reaction by a macromolecular factor from rat liver. Flengsrud R, et al. **Biochem J** 129:83-9, Aug 72
Cofactor activity of protein components of human very low density lipoproteins in the hydrolysis of triglycerides by lipoproteins lipase from different sources. Havel RJ, et al.
Biochemistry 12:1828-33, 24 Apr 73
Effect of phospholipids on lipoprotein lipase activation in vitro. Chung J, et al.
Biochim Biophys Acta 296:116-23, 19 Jan 73
Reversible binding of lipoprotein lipase from hen adipose tissue to insolubilized heparin. Egelrud T.
Biochim Biophys Acta 296:124-9, 19 Jan 73
Strain L fibroblast lipases. Purification and properties. Lengle E, et al.
Biochim Biophys Acta 296:411-25, 14 Feb 73
The potentiation of the reversal of metachromasia in a toluidine blue-heparin complex by amino acids in the presence of some heterocyclic nitrogen drugs. Moxon GH, et al. **Biochim Biophys Acta** 304:693-701, 28 May 73
Citrate and the Donnan equilibrium in human blood. P507.4 or P5072. Poyart CF, et al.
Biomedicine [Express] 19:52-5, 10 Feb 73
Interaction of the polyelectrolyte heparin with copper(II) and calcium. Lages B, et al.
Biopolymers 12:127-43, 1973
Copper ion binding and heparin interactions of human fibrinogen. Lages B, et al.
Biopolymers 12:961-74, May 73
Kinetics of the acid hydrolysis of heparin from its Cu(II) complex and its relation to biological activity. Stivala SS, et al. **Biopolymers** 12:947-59, May 73
Viscosity of heparin as a function of dielectric constant and of desulfation. Yuan L, et al.
Biopolymers 11:2079-89, 1972
Hemodialysis coil-induced transient neutropenia and overshoot neutrophilia in normal man. Jensen DP, et al. **Blood** 41:399-408, Mar 73
Reduced oxygen content in equilibrated fresh heparinized and ACD-stored blood from cigarette smokers. Millar RA, et al.
Br J Anaesth 44:1015-9, Oct 72
Experimental organ preservation. Calman KC, et al.
Br J Surg 59:758-64, Oct 72
Factors influencing prognosis in the surgery of peripheral vascular disease: platelet adhesiveness, plasma fibrinogen, and fibrinolysis. Hamer JD, et al.
Br J Surg 60:386-9, May 73
Mastocalcergy in the mouse. McClure J, et al.
Calcif Tissue Res 12:117-24, 9 May 73
A clinical study of serum magnesium concentrations during anaesthesia and cardiopulmonary bypass. Calverley RK, et al.
Can Anaesth Soc J 20:499-518, Jul 73
Effects of altering calcium in haemodiluted pump primes on sodium and potassium in children undergoing open-heart operations. Johnston AE, et al.
Can Anaesth Soc J 19:517-28, Sep 72
Effects on divalent cations of a haemodilution technique using ACD blood in paediatric patients undergoing bypass open-heart operations. Johnston AE, et al. **Can Anaesth Soc J** 19:498-516, Sep 72
The resistance to blood flow in the capillaries. Jay AW, et al. **Can J Physiol Pharmacol** 50:1007-13, Oct 72
Thrombosis on prosthetic surfaces: a review of etiologic factors and preventive measures. Foster ED, et al. **Can J Surg** 15:339-49, Nov 72
Ionized calcium in exchange transfusion with

THAM-buffered ACD blood. Friedman Z, et al. **Can Med Assoc J** 107:742-5, 21 Oct 72

Evidence for multiple forms of DNA polymerase in Hodgkin's disease. Piperno JR, et al. **Cancer Res** 33:838-42, Apr 73

Simplified primary screening procedure for detection of hyperlipidemias in healthy individuals. Berenson GS, et al. **Clin Chem** 18:1463-7, Dec 72

Speeded simultaneous turbidimetry of cholesterol in - and pre- -lipoproteins. Gremillion L, et al. **Clin Chem** 18:1440-1, Nov 72

Free calcium in serum. I. Determination with the ion-specific electrode, and factors affecting the results. Ladenson JH, et al. **Clin Chem** 19:565-74, Jun 73

Human growth hormone: a comparison of the results of plasma and serum assays using double-antibody techniques. Crowley MF, et al. **Clin Chim Acta** 45:19-24, 19 Apr 73

A method for determination of free fatty acids in serum. Mikac-Dević D, et al. **Clin Chim Acta** 45:55-9, 19 Apr 73

Inhibitors of the growth and aggregation of calcium oxalate crystals in vitro. Robertson WG, et al. **Clin Chim Acta** 43:31-7, 10 Jan 73

Does lipoprotein-X (LP-X) act as a substrate for the lecithin: cholesterol acyltransferase (LCAT)? Wengeler H, et al. **Clin Chim Acta** 45:429-32, 30 May 73

Effect of heparin on gentamicin concentration in blood. Yourassowsky E, et al. **Clin Chim Acta** 42:189-91, Nov 72

Human antibodies to mast cells. Rizzetto M, et al. **Clin Exp Immunol** 14:327-34, Jul 73

Lipoprotein lipase in human adipose tissue. Elkeles RS. **Clin Sci** 44:23P-24P, Jun 73

The effect of dietary fat on platelet function. Hornstra G, et al. **Clin Sci** 44:21P, Apr 73

The mechanism of the NBT (nitroblue tetrazolium) test. Segal AW, et al. **Clin Sci** 44:26P, Jun 73

The mechanism of action of vasoactive agents on the blood clotting and fibrinolysis. Mishchenko VP, et al. **Cor Vasa** 14:228-38, 1972

Colorimetric estimation of acidic polysaccharide content of Gymnodinium breve. Kim YS, et al. **Environ Lett** 4:109-16, 1973

Kinetics of transcription by the bacteriophage-T3 RNA polymerase in vitro. McAllister WT, et al. **Eur J Biochem** 34:489-501, 2 May 73

The influence of glycosaminoglycans on the formation of fibers from monomeric tropocollagen in vitro. Obrink B. **Eur J Biochem** 34:129-37, 2 Apr 73

A study of the interactions between monomeric tropocollagen and glycosaminoglycans. Obrink B. **Eur J Biochem** 33:387-400, 1 Mar 73

Enzymatic degradation of DNA and deoxyribonucleoprotein in the presence of polyanions. Skalka M, et al. **Folia Biol (Krakow)** 21:68-77, 1973

On the distribution and release of gastrin. McGuigan JE. **Gastroenterology** 64:497-501, Mar 73 (22 ref.)

Experimental hepatic necrosis: studies on coagulation abnormalities, plasma clearance, and organ distribution of 125I-labelled fibrinogen. Rake MO, et al. **Gut** 14:574-80, Jul 73

Inactivation of antithrombin 3 by fatty acids. Heimburger N. **Hoppe Seylers Z Physiol Chem** 353:1957-61, Dec 72

Characterization of T7-specific ribonucleic acid polymerase. II. Inhibitors of the enzyme and their application to the study of the enzymatic reaction. Chamberlin M, et al. **J Biol Chem** 248:2245-50, 25 Mar 73

Sequential degradation of heparin in Flavobacterium heparinum. Purification and properties of five enzymes involved in heparin degradation. Dietrich CP, et al. **J Biol Chem** 248:6408-15, 25 Sep 73

The purification of a lipoprotein lipase from bovine skim milk. Egelrud T, et al. **J Biol Chem** 247:6212-7, 10 Oct 72

Effects of heparin on lipoprotein lipase from bovine milk. Iverius PH, et al. **J Biol Chem** 247:6610-6, 25 Oct 72

Cross-linked heparin binding of a membrane oxygenator system. Eberle JW, et al. **J Biomed Mater Res** 7:145-53, Mar 73

Heparin osteoporosis. An experimental model using rats. Thompson RC Jr. **J Bone Joint Surg [Am]** 55:606-12, Apr 73

A comparison of the TRCII and latex-particle tests for the titration of FR-antigen. Arocha-Piñango CL. **J Clin Pathol** 25:757-61, Sep 72

Routine application of the nitroblue tetrazolium test in the clinical laboratory. Gordon AM, et al. **J Clin Pathol** 26:52-6, Jan 73

The morphology of the causal agent of bovine petechial fever (Ondiri disease). Krauss H, et al. **J Comp Pathol** 82:241-6, Jul 72

Amplification of staining by Alcian Blue and similar ingrain dyes. Scott JE. **J Histochem Cytochem** 20:750-2, Sep 72

Red cell density in various blood disorders. Nakashima K, et al. **J Lab Clin Med** 82:297-302, Aug 73

A simple fluorometric method for the determination of RNA and DNA in tissues. Prasad AS, et al. **J Lab Clin Med** 80:598-602, Oct 72

Quantitative extraction and determination of nonesterified fatty acids in plasma. Duncombe WG, et al. **J Lipid Res** 14:258-61, Mar 73

Hydrolysis of glyceryl tri(1- 14 C)octanoate and glyceryl tri(1- 14 C)oleate monolayers by postheparin lipolytic activity. Smith LC. **J Lipid Res** 13:769-76, Nov 72

A comparative study of the inhibitory activity of clofibrate and related an alogs on lipoprotein lipase in vitro. Whayne TF Jr, et al. **J Med Chem** 16:228-31, Mar 73

Chemistry and pharmacology of heparin. Ehrlich J, et al. **J Pharm Sci** 62:517-44, Apr 73 (626 ref.)

Superior vena caval replacement--superiority of irradiated caval homografts over heparin-bonded prosthetic grafts. Rangarathnam CS, et al. **J Surg Res** 15:189-97, Sep 73

Postoperative alkalemia. Kappagoda CT, et al. **J Thorac Cardiovasc Surg** 66:305-10, Aug 73

Assay of platelet factor 4 in plasma. Fuster V, et al. **Mayo Clin Proc** 48:103-6, Feb 73

The current status of in vivo screening of synthetic implant materials for blood compatibility. Gott VL, et al. **Med Instrum** 7:121-4, Mar-Apr 73

Ultrastructural basis of the mechanism of rouleaux formation. Chien S, et al. **Microvasc Res** 5:155-66, Mar 73

Usefulness of rapid blood glucose measurements in obstetrics. Dextrostix/reflectance meter system. Spellacy WN, et al. **Obstet Gynecol** 41:299-303, Feb 73

Antibiotic stability in solutions used for intravenous nutrition and fluid therapy. Feigin RD, et al. **Pediatrics** 51:1016-26, Jun 73

Haemorrhage and fever in the Munchausen syndrome. Anderson JC, et al. **Postgrad Med J** 48:445-7, Jul 72

The reproducible isolation of inactive insulin protein complex. Guenther HL, et al. **Prep Biochem** 2:397-402, 1972

Enzymic depolymerization of macromolecular heparin as a factor in control of lipoprotein lipase activity. Horner AA. **Proc Natl Acad Sci USA** 69:3469-73, Nov 72

Rapid serum lipoprotein changes in spider monkeys on short-term feeding of high cholesterol-high saturated fat diet. Srinivasan SR, et al. **Proc Soc Exp Biol Med** 141:154-60, Oct 72

The effect of exchange blood transfusion using the artificial kidney: experiments in vitro and clinical studies. Berkessy S, et al. **Resuscitation** 2:9-16, Apr 73

Further studies on the antigenicity of some injectable tissue extracts. Cîrstea M, et al. **Rev Roum Physiol** 9:323-8, 1972

Discrepancy between normotest and thrombotest during thromboplastin induced intravascular coagulation in rabbits. Slaastad RA, et al. **Scand J Haematol** 9:403-10, 1972

The development of fibrin sheath on indwelling venous catheters. Peters WR, et al. **Surg Gynecol Obstet** 137:43-7, Jul 73

A cannula for maintaining long-term thoracic duct fistulas. Dedo DD. **Surgery** 73:791-4, May 73

Continuous infusion into the hepatic artery and vena cava of the rat. Leivestad O, et al. **Surgery** 74:401-4, Sep 73

The effects of solid and hollow fiber screens on gas exchange in membrane oxygenators. Eberhart RC, et al. **Trans Am Soc Artif Intern Organs** 19:66-71, 1973

Preparation and evaluation of a new athrombogenic heparinized hydrophilic polymer for use in cardiovascular system. Tanzawa H, et al. **Trans Am Soc Artif Intern Organs** 19:188-94, 1973

[Plasma cortisol and the daily variations in cortisol level in healthy persons] Kolebinov NKh, et al. **Vutr Boles** 12:74-8, 1973 (Eng. Abstr.) **(Bul)**

[Restatement of a simple procedure for preservation of the lung insuring immediate return of function after

24 hours of ischemia] Grosjean O, et al. **Acta Chir Belg** 71:321-33, Oct 72 (Eng. Abstr.) **(Fre)**

[Control of continuous heparinization by active coagulation time (ACT). Application to prolonged extracorporeal circulation] Leval M de, et al. **Ann Chir Thorac Cardiovasc** 11:287-90, Sep 72 (Eng. Abstr.) **(Fre)**

[Antisera of rabbits immunized against human low density lipoproteins (1,006-1,063)] Burstein M. **Nouv Rev Fr Hematol** 12:251-7, Mar-Apr 72 (Eng. Abstr.) **(Fre)**

[Influence of sampling conditions on the results of titration of immunoglobulins and diphtheria antitoxin in blood] Cabau N, et al. **Rev Immunol (Paris)** 35:225-33, Oct-Dec 71 (Eng. Abstr.) **(Fre)**

[Extraction of granulocytes for transfusion using the IBM blood cell separator, from healthy donors] Pfisterer H, et al. **Blut** 25:150-8, Sep 72 (Eng. Abstr.) **(Ger)**

[Catheterization of vena cava with reservoir catheter] Wirbatz W, et al. **Dtsch Gesundheitsw** 27:2101-5, 2 Nov 72 (Eng. Abstr.) **(Ger)**

[Membrane oxygenators in prolonged assisted extracorporeal circulation] Schulte HD. **Dtsch Med Wochenschr** 98:508-13, 9 Mar 73 (54 ref.) **(Ger)**

[Significance of thrombin and adrenaline for the development of secondary anticoagulation system (SAC) in experimental animals] Kudrjashov BA, et al. **Folia Haematol (Leipz)** 99:76-84, 1973 (Eng. Abstr.) **(Ger)**

[Blood exchange transfusions in newborn infants using heparin blood] Löhr H, et al. **Fortschr Med** 90:449-51, 20 Apr 72 **(Ger)**

[Human serum proteins with high affinity to carboxymethylcellulose. II. Physico-chemical and immunological characterization of a histidine-rich 3,8S- 2 -glycoportein (CM-protein I)] Heimburger N, et al. **Hoppe Seylers Z Physiol Chem** 353:1133-40, Jul 72 (Eng. Abstr.) **(Ger)**

[Differentiation of transition conditions in the initiation of transcription due to DNA dependent RNA polymerase from E. coli] Zechel K, et al. **Hoppe Seylers Z Physiol Chem** 353:1577-8, Oct 72 **(Ger)**

[Activity measurement of lysosomal enzymes in liver tumors induced by diethylnitrosamine and calciparin--a contribution on the problem of expansive tumor growth] Platt D, et al. **Verh Dtsch Ges Inn Med** 78:162-3, 1972 **(Ger)**

[Anaphylactic shock due to penicillin] Kelle L, et al. **Z Aerztl Fortbild (Jena)** 66:538-43, 1 Jun 72 **(Ger)**

[Ion-exchange micro method for blood ammonia determination] Hegedüs-Wein I, et al. **Z Gesamte Inn Med** 28:241-2, 15 Apr 73 (Eng. Abstr.) **(Ger)**

[Collagen as a suture material in the abdominal aorta of growing pigs] Jasonni V, et al. **Boll Soc Ital Biol Sper** 48:334-6, 30 Jun 72 **(Ita)**

[The relationship between staphylococcus and blood coagulation. Biological bases and practical applications] Fumarola D, et al. **G Batteriol Virol Immunol** 65:144-51, May-Aug 72 (Eng. Abstr.) **(Ita)**

[Surgical experience in preductal coarctation of the aorta--non-heparinized subclavian-iliac aortic bypass] Taguchi K, et al. **Jap J Thorac Surg** 26:176-9, Mar 73 (Eng. Abstr.) **(Jap)**

[On the antigenicity of some injectable tissue extracts. II] Cirstea M, et al. **Fiziol Norm Patol** 19:157-64, Mar-Apr 73 (Eng. Abstr.) **(Rum)**

[Study of the interaction of heparin with blood proteins by a microcalorimetric method] Piruzian LA, et al. **Izv Akad Nauk SSSR [Biol]** 2:277-80, Mar-Apr 73 (Eng. Abstr.) **(Rus)**

[The effect of vitamin B-15 on the level of cholesterol and the functional state of the anticoagulant system of the blood of animals] Andreenko GV, et al. **Kardiologiia** 12:40-5, Dec 72 (Eng. Abstr.) **(Rus)**

[The feasibility of using a coagulograph for determining recalcification time and blood tolerance to heparin] Stal'kov EA, et al. **Lab Delo** 9:521-2, 1972 **(Rus)**

[Role of the vascular wall in the process of hemostasis] Kuznik BI. **Usp Sovrem Biol** 75:61-85, Jan-Feb 73 (258 ref.) **(Rus)**

[Immunologic aspects of atherosclerosis (review of the literature)] Zubzhitskiĭ IuN, et al. **Vestn Akad Med Nauk SSSR** 27:88-94, 1972 (130 ref.) **(Rus)**

[Preparation of thrombocyte concentrates from donors with the use of heparin and intensive plasmapheresis] Smálik S, et al. **Bratisl Lek Listy** 58:444-50, Oct 72 (Eng. Abstr.) **(Slo)**

ADMINISTRATION & DOSAGE

Failure of subcutaneous heparin treatment in a case of disseminated intravascular coagulation. Stevens W, et al. **Acta Haematol (Basel)** 48:245-50, 1972

A new hemodialysis console. II. Descriptions of components. Dawids SG, et al. **Acta Med Scand** 193:379-85, May 73

Complications of transfemoral coronary arteriography and their prevention using heparin. Eyer KM. **Am Heart J** 86:428, Sep 73

Pregnancy in 6 patients with Starr-Edwards heart valve prostheses. Ibarra-Pérez C, et al. **Am J Cardiol** 30:565-8, Oct 72

Hypertriglyceridemia in chronic nonnephrotic renal failure. Gutman RA, et al. **Am J Clin Nutr** 26:165-72, Feb 73

The in vitro effect of heparin on the activated partial thromboplastin time. Soloway HB, et al. **Am J Clin Pathol** 58:405-7, Oct 72

Therapy of acute meningococcal infections: early volume expansion and prophylactic low dose heparin. Wilson FE, et al. **Am J Med Sci** 264:445-55, Dec 72

Relations between metabolic increase of plasma free fatty acids and the occurrence of arteriosclerotic thromboarteritis in rabbits. Scott RA, et al. **Am J Pathol** 70:209-44, Feb 73

The urokinase pulmonary embolism trial. De Takats G. **Am J Surg** 126:311-3, Sep 73

Portal venous gas (PVG) as an indication for heparinization. Sibbald WJ, et al. **Am J Surg** 124:690-3, Nov 72

Nature of thrombus in a hollow fiber oxygenator. Schneider MD. **Am J Vet Res** 34:151-68, Feb 73

Selective arteriography and infusion in diagnosis and treatment of acute gastrointestinal bleeding. Finley JW, et al. **Am Surg** 39:448-52, Aug 73

Clinical considerations for the anesthesiologist whose patient is on anticoagulant therapy. Ellison N, et al. **Anesthesiology** 39:328-36, Sep 73 (57 ref.)

Experiences with the use of intracholedochal heparinized saline for the treatment of retained common duct stones. Gardner B. **Ann Surg** 177:240-4, Feb 73

Femoral neuropathy due to retroperitoneal bleeding. An unusual complication of heparin therapy. Willbanks OL, et al. **Arch Intern Med** 132:83-6, Jul 73

Long-chain acyl-CoA hydrolase activity in serum: identity with clearing factor lipase. Jansen H, et al. **Biochim Biophys Acta** 296:241-8, 19 Jan 73

Venous thromboses in myocardial infarction. Comparison in heparin dosage. Habersberger PG, et al. **Br Heart J** 35:538-42, May 73

Low doses of heparin in the prevention of postoperative D.V.T.--a double-blind trial. Fossard DP, et al. **Br J Surg** 59:914, Nov 72

Small doses of subcutaneous heparin preventing deep-vein thrombosis in major surgery. Nicolaides AN, et al. **Br J Surg** 59:914, Nov 72

Subcutaneous heparin treatment. Arden GP, et al. **Br Med J** 4:486, 25 Nov 72

Effect of combined administration of EACA and heparin on thrombus weight and fibrinolysis. An experimental study. Komatsu K, et al. **Bull Tokyo Med Dent Univ** 20:93-104, Mar 73

Comparison of the action of heparin and streptokinase on experimental pulmonary emboli in the dog. Vellar ID, et al. **Cardiovasc Res** 6:734-40, Nov 72

Use of percutaneously inserted venous catheters in coronary care units. Sketch MH, et al. **Chest** 62:684-9, Dec 72

Heparin absorption during heparin-saline lung lavage in a patient with pulmonary alveolar proteinosis. Sunderland WA, et al. **Chest** 63:1033-4, Jun 73

Local anticoagulation of prosthetic heart valves. Schwartz ML, et al. **Circulation** 48:Suppl 3:85-9, Jul 73

Theory and practice of minidose heparin in surgical patients. A status report. Wessler S, et al. **Circulation** 47:671-6, Apr 73 (30 ref.)

Use of a "heparin lock" in the intermittent administration of intravenous drugs. A technical

advance in intravenous therapy. Stern RC, et al. **Clin Pediatr (Phila)** 11:521-3, Sep 72

Low-dose subcutaneous heparin in prevention of deep-vein thrombosis. **Drug Ther Bull** 10:89-91, 10 Nov 72

Liberation of kinins during extracorporeal circulation? Seidel G, et al. **Experientia** 28:1193-4, 15 Oct 72

Recognizing and reacting to recurrent pulmonary embolism. Genton E. **Geriatrics** 28:84-8, Mar 73

Pulmonary embolism: a new look at an old problem. Tomashefski JF, et al. **Geriatrics** 28:76-82, Sep 73

Heparin in migraine headache. Thonnard-Neumann E. **Headache** 13:49-64, Jul 73 (97 ref.)

Coagulation studies and streptokinase therapy in the haemolytic-uraemic syndrome. Monnens L, et al. **Helv Paediatr Acta** 27:45-54, Apr 72

Arterial embolectomy: role of anticoagulants and arteriography. Thomas TV. **J Cardiovasc Surg (Torino)** 13:584-93, Nov-Dec 72

Response of plasma histaminase activity to small doses of heparin in normal subjects and patients with hyperlipoproteinemia. Baylin SB, et al. **J Clin Invest** 52:1985-93, Aug 73

Studies on the relationship between plasma free fatty acids and growth hormone secretion in man. Quabbe HJ, et al. **J Clin Invest** 51:2388-98, Sep 72

Intravascular coagulation and E. coli septicaemia. Preston FE, et al. **J Clin Pathol** 26:120-5, Feb 73

Anticoagulant activity of two commercially available heparin preparations. A controlled study. Gomez-Perez F. **J Clin Pharmacol** 12:413-6, Oct 72

Serum lipid pattern in chickens of the obese strain. Rudas B, et al. **J Endocrinol** 55:609-15, Dec 72

Use of low dose heparin in preventing venous thrombosis. Blumenthal JB. **J Med Assoc Ga** 62:239-40, Jun 73

Low doses of subcutaneous heparin in the prevention of deep vein thrombosis after gynaecological surgery. Ballard RM, et al. **J Obstet Gynaecol Br Commonw** 80:469-72, May 73

Meningococcal purpura: report of 19 patients treated with heparin. Gérard P, et al. **J Pediatr** 82:780-6, May 73

Increasing the efficiency of cancer chemotherapy with heparin: "clinical study". Elias EG, et al. **J Surg Oncol** 5:189-93, 1973

Modified technique for orthotopic cardiac transplantation in dogs. Caves PK, et al. **J Surg Res** 15:100-4, Aug 73

Auxiliary liver perfusion in the pig. Effect of ischaemically damaged livers on recipient animals. Cuschieri A, et al. **J Surg Res** 13:188-96, Oct 72

Heparin treatment of live Escherichia coli bacteremia in rats. Horwitz DL, et al. **J Surg Res** 13:120-5, Sep 72

Resuscitation of a patient in State IV hepatic coma using total body washout. Klebanoff G, et al. **J Surg Res** 13:159-65, Oct 72

Conservative management of renal artery embolus. Moyer JD, et al. **J Urol** 109:138-43, Feb 73

Aortic valve replacement in hemophilia. Report of a case. Brockman SK, et al. **JAMA** 222:660-1, 6 Nov 72

Thromboembolism after total hip reconstruction. Failure of low doses of heparin in prevention. Evarts CM, et al. **JAMA** 225:515-6, 30 Jul 73

Large burns in humans. Treatment with heparin. Saliba MJ Jr, et al. **JAMA** 225:261-9, 16 Jul 73

Heparin treatment of uremic itching. Yatzidis H, et al. **JAMA** 222:1183, 27 Nov 72

Australian multicentre trial of streptokinase in acute myocardial infarction. Bett JH, et al. **Lancet** 1:57-60, 13 Jan 73

Small doses of subcutaneous heparin and postoperative deep venous thrombosis. Doran FS. **Lancet** 1:42-3, 6 Jan 73

Low-dose heparin after myocardial infarction. Handley AJ. **Lancet** 2:623-4, 23 Sep 72

Heparin therapy in simian Plasmodium knowlesi malaria. Howard WA, et al. **Lancet** 2:738-9, 7 Oct 72

Short and frequent dialysis versus regional heparinisation. Iaina A, et al. **Lancet** 2:1092, 18 Nov 72

Consumption coagulopathy in congenital heart-disease. Ihenacho HN, et al. **Lancet** 1:231-4, 3 Feb 73

Small doses of subcutaneous sodium heparin in preventing deep venous thrombosis after major surgery. Nicolaides AN, et al. **Lancet** 2:890-3, 28 Oct 72

Small doses of subcutaneous heparin and postoperative deep venous thrombosis. Poole-Wilson PA. **Lancet** 2:1089, 18 Nov 72

Subcutaneous heparin and postoperative deep-vein thrombosis. Roos J, et al. **Lancet** 2:932, 28 Oct 72

Subcutaneous heparin and postoperative thrombosis. Rosswick RP. **Lancet** 813:1181, 23 May 73

Subcutaneous heparin and postoperative thrombosis. Rosswick RP. **Lancet** 1:1181, 26 May 73

Efficacy of heparin. Sharnoff JG. **Lancet** 1:258, 3 Feb 73

Low-dose heparin prophylaxis of deep-vein thrombosis. **Med Lett Drugs Ther** 15:35, 13 Apr 73

The mechanisms of venous thrombosis. Anticoagulants, aspirin, and heparin. O'Brien JR. **Mod Concepts Cardiovasc Dis** 42:11-5, Mar 73 (14 ref.)

Effect of age on post-heparin lipase. Brodows RG, et al. **N Engl J Med** 287:969-70, 9 Nov 72

The activated partial thromboplastin time. Chin JL. **N Engl J Med** 288:1410, 28 Jun 73

Small subcutaneous doses of heparin in prevention of venous thrombosis. Gallus AS, et al. **N Engl J Med** 288:545-51, 15 Mar 73

Heparin therapy. Gieske JC. **N Engl J Med** 287:1102, 23 Nov 72

Subcutaneous heparin to prevent venous thrombosis. Martin L. **N Engl J Med** 288:1245, 7 Jun 73

Standardized methods for heparin therapy. Soloway HB. **N Engl J Med** 289:429-30, 23 Aug 73

Prophylaxis of thromboembolism. Stock SL. **N Engl J Med** 289:218, 26 Jul 73

Systemic heparinization for femoral percutaneous coronary arteriography. Walker WJ, et al. **N Engl J Med** 288:826-8, 19 Apr 73

Prophylactic anticoagulant therapy in the prevention of calf-vein thrombosis after myocardial infarction. Wray R, et al. **N Engl J Med** 288:815-7, 19 Apr 73

The effect of long term high dose heparin treatment on the course of chronic proliferative glomerulonephritis. Cade JR, et al. **Nephron** 8:67-80, 1971

Comparison of azathioprine, prednisone, and heparin alone or combined in treating lupus nephritis. Cade R, et al. **Nephron** 10:37-56, 1973

Treatment of renal disease. 5. Haemodialysis. Large B. **Nurs Times** 68:1282-6, 12 Oct 72

Acquired coagulation disorders in children. McMillan CW, et al. **Pediatr Clin North Am** 19:1029-45, Nov 72

Heparin-induced lipolysis and feeding behavior in sheep. Seoane JR, et al. **Physiol Behav** 9:419-22, Sep 72

Anticoagulants: a guide for practitioners. Kingdon HS. **Postgrad Med** 54:88-92 contd, Jul 73

Reticuloendothelial system depression in man after olive oil ingestion. Berken A, et al. **Proc Soc Exp Biol Med** 141:656-8, Nov 72

Failure of heparin, epsilon aminocaproic acid, or both agents to prevent increased fibrinogen levels after endotoxin in rabbits. Logan LJ, et al. **Proc Soc Exp Biol Med** 142:321-3, Jan 73

Recent advances in venous thrombo-embolism. A review article. Sobel JD. **S Afr Med J** 47:1197-202, 14 Jul 73 (53 ref.)

Heparin-induced increase of diamine oxidase-histaminase(EC 1.4.3.6.) in blood and lymph. Hansson R. **Scand J Clin Lab Invest** 31:Suppl 129:1-23, 1973

Fibrinaemia and multiple thrombi in pancreatic carcinoma. A case studied with quantitative N-terminal analysis. Kierulf P, et al. **Scand J Haematol** 9:370-6, 1972

Experiences with central venous and pulmonary artery pressure in a series of 3,500 patients. James PM Jr, et al. **South Med J** 65:1299-307, Nov 72

Special problems in the use of heparin for thromboembolism. Lewis MR, et al. **Surg Gynecol Obstet** 137:472-4, Sep 73

Role of platelets and serotonin in acute massive pulmonary embolism. Puckett CL, et al. **Surg Gynecol Obstet** 137:618-22, Oct 73

Massive intraoperative autotransfusion of blood. Rakower SR, et al. **Surg Gynecol Obstet** 137:633-6, Oct 73

Heparin induced thrombocytopenia with thrombotic and hemorrhagic manifestations. Rhodes GR, et al. **Surg Gynecol Obstet** 136:409-16, Mar 73

A study of amputations of the lower extremity. Silverstein MJ, et al. **Surg Gynecol Obstet** 137:579-80, Oct 73

Heparin-induced elevation of free fatty acids in diabetic patients. Kongtahworn C, et al. **Surgery** 74:30-3, Jul 73

Exotic snakebite in an urban setting: heparin therapy of disseminated intravascular coagulation in a patient bitten by a saw-scaled viper (Echis carinatus). Christy NP, et al. **Trans Am Clin Climatol Assoc** 84:37-48, 1973

A high efficiency membrane oxygenator and pulsatile

pumping system, and its application to animal trials. Bellhouse BJ, et al.
Trans Am Soc Artif Intern Organs 19:72-9, 1973
Rapid extracorporeal complement inactivations. Bier M, et al.
Trans Am Soc Artif Intern Organs 19:130-7, 1973
Effects of microemboli blood filtration during hemodialysis. Bischel MD, et al.
Trans Am Soc Artif Intern Organs 19:492-7, 1973
Arvin anticoagulation for prolonged extracorporeal membrane oxygenation. Büky B, et al.
Trans Am Soc Artif Intern Organs 19:56-60, 1973
Methaqualone, methyprylon, and glutethimide clearance by the ACAC microcapsule artificial kidney: in vitro and in patients with acute intoxication. Chang TM, et al.
Trans Am Soc Artif Intern Organs 19:87-91, 1973
Toward a wearable artificial kidney using ultrafiltrate as dialysate. Dharnidharka SG, et al.
Trans Am Soc Artif Intern Organs 19:92-7, 1973
Initial trials of a molecular separation artificial kidney. Dorson WJ Jr, et al.
Trans Am Soc Artif Intern Organs 19:109-18, 1973
Gas transfer and thrombogenesis in an annular membrane oxygenator with active blood mixing. Gaylor JD, et al.
Trans Am Soc Artif Intern Organs 19:516-24, 1973
Hyperacute renal allograft rejection in the rabbit. Passive transfer, specificity, and prevention. Ueno A, et al. **Transplantation** 14:574-81, Nov 72
The hypocalcemic effect of protamine in goats and sheep. Luthman J, et al.
Zentralbl Veterinaermed [A] 20:110-5, Mar 73
[Disseminated intravascular coagulation] Wang FY, et al. **Chin Med J** 5:309-15, 1973 (13 ref.) **(Chi)**
[4 cases of allergic reactions to heparin] Lebeaupin R, et al. **Anesth Analg (Paris)** 29:487-96, Jul-Aug 72 **(Fre)**
[2 failures of artificial ventilation in 6 cases of fat embolism and of disseminated intravascular coagulation] Stieglitz P, et al.
Anesth Analg (Paris) 29:761-76, Nov-Dec 72 **(Fre)**
[Fulminating forms of meningococcal infections in children. Proposal of a therapeutic procedure] Saint-Martin J, et al.
Arch Fr Pediatr 29:469-92, May 72 (Eng. Abstr.) **(Fre)**
[Practical procedure of heparin therapy in recently operated and multi-injured patients] Lareng L, et al.
Cah Anesthesiol 20:503-6, Jul-Sep 72 **(Fre)**
[Mini-dose heparin therapy. Protocol for a preoperative prophylaxis of thrombophlebitis] Potron G, et al. **Cah Med** 14:219-23, Mar 73 **(Fre)**
[Subclavian-axillary thrombosis after implantation of a cardiac stimulator by venous route] Girardier J, et al.
Lyon Chir 68:211-2, May-Jun 72 **(Fre)**
[Postoperative thrombosis. Prevention with small doses of subcutaneous heparin] Thibault P.
Nouv Presse Med 1:2915-6, 2 Dec 72 **(Fre)**
[Remarks on the use of Ca heparinate by subcutaneous route in anticoagulant therapy] Vivien P.
Phlebologie 26:15-21, Jan-Mar 73 (Eng. Abstr.) **(Fre)**
[Percutaneous absorption of heparin- 35 S from a specially prepared oil-in-water emulsion] Schraven E, et al.
Arzneim Forsch 23:274-5, Feb 73 (Eng. Abstr.) **(Ger)**
[Short-term fibrinolytic treatment in acute myocardial infarction] Breddin K, et al.
Dtsch Med Wochenschr 98:861-73, 27 Apr 73 (Eng. Abstr.) **(Ger)**
[Monitoring of heparin therapy in thromboembolism] Hiller E.
Dtsch Med Wochenschr 98:1367-70, Jul 73 (Eng. Abstr.) **(Ger)**
[Can local medication promote the resorption of hematomas?] Arnold M, et al.
Fortschr Med 91:346-50, 15 Mar 73 **(Ger)**
[Clinical experiences with a gel containing heparin] Schimpf A.
Fortschr Med 89:Suppl:932-4, 26 Aug 71 **(Ger)**
[Consumption coagulopathy: a clinical, diagnostical, therapeutic and pathogenetic consideration] Zenner O, et al.
Hautarzt 24:139-45, Apr 73 (Eng. Abstr.) **(Ger)**
[Postoperative thromboembolic complications] Encke A.
Langenbecks Arch Chir 332:767-74, 1972 (Eng. Abstr.) **(Ger)**
[Effect of heparin on the metastasis of inoculated tumor in rats] Yamaguchi S.
Med J Osaka Univ 23:31-9, Sep 72 (Eng. Abstr.) **(Ger)**
[Prophylaxis of thrombosis with Calciparin] Erichsen J. **Med Welt** 23:1361-2, 23 Sep 72 **(Ger)**
[Prophylaxis and therapy of thrombotic diseases with subcutaneous heparin therapy] Tiisner V.
Med Welt 23:1553-6, 21 Oct 72 **(Ger)**
[Volume of distribution and half-life of heparin after intravenous administration] Zöllner N, et al.
Res Exp Med (Berl) 158:89-94, 1972 (Eng. Abstr.) **(Ger)**
[Significance of intravascular coagulation disease in postraumatic respiratory insufficiency. 1st experience with heparin treatment] Schamaun M, et al.
Schweiz Med Wochenschr 103:941-6, 30 Jun 73 (Eng. Abstr.) **(Ger)**
[Therapeutic experiences with Dolo-Menthoneuringel] Lotz H. **Z Allgemeinmed** 49:851-2, 20 Jun 73 **(Ger)**
[Orthotopic liver transplantation in the dog] Wolff H, et al. **Z Exp Chir** 4:253-7, 1971 (Eng. Abstr.) **(Ger)**
[Heparin and insulin secretion] Orosz L, et al.
Orv Hetil 113:2657-8, 29 Oct 72 **(Hun)**
[Analgesic action of subcutaneous heparin therapy of stenocardia] Zeme D, et al.
Clin Ter 62:225-38, 15 Aug 72 **(Ita)**
[Effects of heparin in consumption coagulopathy] Matsuda T, et al.
Jap J Clin Hematol 13:203-4, Apr 72 **(Jap)**
[Hyperfibrinogemia following activator therapy] Zawilska K, et al.
Acta Haematol Pol 3:53-8, Jan-Mar 72 (Eng. Abstr.) **(Pol)**
[Principles of thrombolytic treatment] Judkiewicz L, et al. **Pol Tyg Lek** 27:1011-3, 26 Jun 72 (27 ref.) **(Pol)**
[Experimental thrombolysis] Shumakov VI, et al.
Kardiologiia 12:88-91, Feb 72 (Eng. Abstr.) **(Rus)**
[Pathogenetic therapy of chemical burns of the eyes] Ushakov NA. **Voen Med Zh** 7:30-2, Jul 72 **(Rus)**
[Immediate and remote results of intravenous chemo-hormonotherapy of initially detected pulmonary tuberculosis] Makovskaia GM.
Vrach Delo 7:82-5, Jul 72 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Therapy of acute meningococcal infections: early volume expansion and prophylactic low dose heparin. Wilson FE, et al. **Am J Med Sci** 264:445-55, Dec 72
Epidural hematoma following postoperative epidural analgesia: a case report. Janis KM.
Anesth Analg (Cleve) 51:689-92, Sep-Oct 72
Femoral neuropathy due to retroperitoneal bleeding. An unusual complication of heparin therapy. Willbanks OL, et al. **Arch Intern Med** 132:83-6, Jul 73
Accidental profound hypothermia. Successful resuscitation by core rewarming and assisted circulation. Truscott DG, et al.
Arch Surg 106:216-8, Feb 73
Defibrination syndrome or? Merskey C.
Blood 41:599-603, Apr 73
Heparin-induced osteoporosis. Sackler JP, et al.
Br J Radiol 46:548-50, Jul 73
Subcutaneous heparin treatment. Arden GP, et al.
Br Med J 4:486, 25 Nov 72
Intramuscular injection and coagulation defects. Berkessy S. **Br Med J** 1:358, 10 Feb 73
Intramuscular injection and coagulation defects. Dyk T. **Br Med J** 4:795, 30 Dec 72
Postpartum purpura fulminans: successful management with streptokinase. Preston FE, et al.
Br Med J 3:329-30, 11 Aug 73
Protamine--antagonist to heparin. Jaques LB.
Can Med Assoc J 108:1291-7, 19 May 73 (30 ref.)
Heparin absorption during heparin-saline lung lavage in a patient with pulmonary alveolar proteinosis. Sunderland WA, et al. **Chest** 63:1033-4, Jun 73
Problems in blood coagulation. Ryan GM, et al.
Clin Anesth 9:75-100, 1972
Hemorrhagic disease due to vitamin K deficiency in a premature infant: a syndrome which may resemble disseminated intravascular coagulation (DIC). Mangurten HH, et al.
Clin Pediatr (Phila) 12:372-5, Jun 73
Pulmonary embolism in the aged. Bloomfield DA.
Geriatrics 28:126-31, Oct 73
Heparin therapy in the hemolytic-uremic syndrome. Vitacco M, et al. **J Pediatr** 83:271-5, Aug 73
Heparin: help or hindrance? A commentary and review. Broders AC 3d, et al. **J Reprod Med** 10:269-71, Jun 73
Spontaneous rupture of the kidney: a complication of

anticoagulation--report of 2 cases. Luna I, et al. **J Urol** 109:788-9, May 73

Heparin therapy in simian Plasmodium knowlesi malaria. Howard WA, et al. **Lancet** 2:738-9, 7 Oct 72

Should we stand all day? **Lancet** 2:81, 14 Jul 73

Low-dose heparin prophylaxis of deep-vein thrombosis. **Med Lett Drugs Ther** 15:35, 13 Apr 73

Small subcutaneous doses of heparin in prevention of venous thrombosis. Gallus AS, et al. **N Engl J Med** 288:545-51, 15 Mar 73

Prophylaxis of thromboembolism. Stock SL. **N Engl J Med** 289:218, 26 Jul 73

The use of heparin in meningococcal disease. Oberholzer D, et al. **Proc Mine Med Off Assoc** 51:25-31, Jan-Apr 72

Significance of intravascular coagulation and fibrinolysis in acute hepatic failure. Hillenbrand P, et al. **Scand J Gastroenterol [Suppl]** 19:133-4, 1973

Thrombocytopenia and bleeding complications in severe cases of meningococcal infection treated with heparin, dextran 70 and chlorpromazine. Niklasson PM, et al. **Scand J Infect Dis** 4:183-91, 1972

Special problems in the use of heparin for thromboembolism. Lewis MR, et al. **Surg Gynecol Obstet** 137:472-4, Sep 73

Heparin induced thrombocytopenia with thrombotic and hemorrhagic manifestations. Rhodes GR, et al. **Surg Gynecol Obstet** 136:409-16, Mar 73

Heparin-induced elevation of free fatty acids in diabetic patients. Kongtahworn C, et al. **Surgery** 74:30-3, Jul 73

[4 cases of allergic reactions to heparin] Lebeaupin R, et al. **Anesth Analg (Paris)** 29:487-96, Jul-Aug 72 **(Fre)**

[Massive pulmonary embolism during bacillary tuberculous pneumonia. Remarkable effects of streptokinase] Rullière R, et al. **Ann Med Interne (Paris)** 124:239-46, Mar 73 **(Fre)**

[Postoperative thromboembolic accident observed during estro-progestative treatment. Apropos of a case] Hervet E, et al. **Bull Fed Soc Gynecol Obstet Lang Fr** 23:568-9, Nov-Dec 71 **(Fre)**

[A rare complication of anticoagulant therapy: hematoma of the bladder wall] Larrieu H, et al. **Bull Mem Soc Chir Paris** 62:350-6, Dec 72 **(Fre)**

[Long term heparinotherapy and osteoporosis] Kher A, et al. **Nouv Presse Med** 2:1585-7, 9 Jun 73 **(Fre)**

[Hemorrhagic heart infarctions] Lübcke P. **Dtsch Med Wochenschr** 97:1473-4, 29 Sep 72 **(Ger)**

[Influence of therapeutic heparin doses on calcium and phosphate metabolism as an etiological factor of metastatic calcification in chronic hemodialysis] Korz R. **Verh Dtsch Ges Inn Med** 77:224-7, 1971 **(Ger)**

[Heparin-induced osteopathy in animal experiments--a model for osteoporosis? Influence of heparin on the concentrations of hydroxyapatite, citrate, and hydroxyproline in the bones of rats of various ages. I] Hähnel H, et al. **Z Alternsforsch** 27:71-5, 1973 **(Ger)**

ANALYSIS

Biosynthesis of heparin. I. Transfer of N-acetylglucosamine and glucuronic acid to low-molecular weight heparin fragments. Helting T, et al. **Acta Chem Scand** 26:3515-23, 1972

A micro colorimetric determination of acidic glycosaminoglycans by two dimensional electrophoresis on a cellulose acetate strip. Hata R, et al. **Anal Biochem** 52:652-6, Apr 73

Identification and quantitation of heparins by microelectrophoresis on agarose gel. Jaques LB, et al. **Anal Biochem** 52:219-33, Mar 73

A study of the dental pulp glycosamino-glycans from permanent human teeth and rat and rabbit incisors. Linde A. **Arch Oral Biol** 18:49-59, Jan 73

Comparison of analytical values for commerical heparin. Kavanagh LW, et al. **Arzneim Forsch** 23:605-11, Apr 73

The mechanism of histamine release from mast cells. Lagunoff D. **Biochem Pharmacol** 21:1889-96, 15 Jul 72

Distribution of acidic glycosaminoglycans in tadpole back skin. Hata R, et al. **Biochim Biophys Acta** 304:408-12, 28 Apr 73

Glycosaminoglycan (GAG) distribution in aortic wall from five species. Gardais A, et al. **Comp Biochem Physiol [B]** 44:507-15, 15 Feb 73

Occurrence of heparin or its related acidic glucosaminoglycan in human aortic tissue. Izuka K, et al. **Experientia** 29:655-7, 15 Jun 73

Glycosaminoglycans of bovine lung parenchyma and pleura. Wusteman FS. **Experientia** 28:887-8, 15 Aug 72

The characterisation of heparin in bovine liver capsule. Serafini-Fracassini A, et al. **FEBS Lett** 32:116-8, 15 May 73

Further characterization of a factor from endotoxin-treated serum which releases histamine and heparin from mast cells. Hook WA, et al. **Infect Immun** 5:909-14, Jun 72

Changes in guinea-pig liver heparin and histamine during anaphylaxis. Hahn F, et al. **Int Arch Allergy Appl Immunol** 44:717-34, 1973

Effects of -irradiation on the staining of glycosaminoglycans with Alcian Blue. Morgan RE, et al. **J Histochem Cytochem** 20:831-2, Oct 72

Comparative study of dermal glycosaminoglycans. Fleischmajer R, et al. **J Invest Dermatol** 61:1-6, Jul 73

The acidic glycosaminoglycans of gingiva of diabetic rats. Kofoed JA, et al. **J Periodont Res** 8:323-6, 1973

Chemistry and pharmacology of heparin. Ehrlich J, et al. **J Pharm Sci** 62:517-44, Apr 73 (626 ref.)

Heparin: help or hindrance? A commentary and review. Broders AC 3d, et al. **J Reprod Med** 10:269-71, Jun 73

Enzymic depolymerization of macromolecular heparin as a factor in control of lipoprotein lipase activity. Horner AA. **Proc Natl Acad Sci USA** 69:3469-73, Nov 72

A bound form of silicon in glycosaminoglycans and polyuronides. Schwarz K. **Proc Natl Acad Sci USA** 70:1608-12, May 73

The relationship between the diameter of the coronary arteries and their susceptibility to atherosclerotic involvement. Velican C, et al. **Rev Roum Med Intern** 10:115-20, 1973

Stroke and blood coagulation. Todd M, et al. **Stroke** 4:400-5, May-Jun 73

[Importance of shock in the activation of fibrinolysis caused by injection of incompatible blood in dogs. Effect of a previous hypotension] Dosne AM. **C R Soc Biol (Paris)** 165:2299-304, 1971 **(Fre)**

[Acid glycosaminoglycans and proteoglycans] Buddecke E. **Arch Dermatol Forsch** 244:95-104, 1972 **(Ger)**

[Percutaneous absorption of heparin- 35 S from a specially prepared oil-in-water emulsion] Schraven E, et al. **Arzneim Forsch** 23:274-5, Feb 73 (Eng. Abstr.) **(Ger)**

[Acid mucopolysaccharides in the urine, amniotic fluid and serum] Suschke J. **Fortschr Med** 91:485-7, 19 Apr 73 **(Ger)**

[Detection of heparin in tonsillar tissue] Wilke J, et al. **Monatsschr Ohrenheilkd Laryngorhinol** 106:237-45, 1972 (Eng. Abstr.) **(Ger)**

[Circadiam rhythm of fluctuations in indices of human blood coagulating and anticoagulating systems] Zaslavskaia RM, et al. **Fiziol Zh SSSR** 59:95-8, Jan 73 (Eng. Abstr.) **(Rus)**

[Microcalorimetric study of a heparin complex formation with thrombogenic proteins] Rozenfel'd MA, et al. **Izv Akad Nauk SSSR [Biol]** 3:446-50, May-Jun 72 (Eng. Abstr.) **(Rus)**

[Effect of hypotiazide and aldactone on the blood coagulation and anticoagulation systems] Gaianova MN. **Kardiologiia** 13:114-7, May 73 **(Rus)**

ANTAGONISTS & INHIBITORS

Drug interactions. DiPalma JR. **Am Fam Physician** 7:140-1, Feb 73

Characterization of a chondroitin 4 -sulfate proteoglycan carrier for heparin neutralizing activity (platelet factor 4) released from human blood platelets. Barber AJ, et al. **Biochim Biophys Acta** 286:312-29, 29 Dec 72

Utility of anticoagulant drugs in vascular thrombosis: electron microscopic and biophysical study. Sawyer PN, et al. **Surgery** 74:263-75, Aug 73

[Release of antiheparin activity from platelets in patients treated with Pelentan] Cieslar P, et al. **Sb Lek** 75:83-8, Mar 73 (Eng. Abstr.) **(Cze)**

[Biological activity of serotonin in the blood of patients with myocardial infarct] Savel'ev AI. **Kardiologiia** 12:42-4, Feb 72 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Biosynthesis of heparin. I. Transfer of N-acetylglucosamine and glucuronic acid to low-molecular weight heparin fragments. Helting T, et al. **Acta Chem Scand** 26:3515-23, 1972

Production of mucopolysaccharides by normal and transformed cells. Satoh C, et al.
Proc Natl Acad Sci USA 70:54-6, Jan 73

BLOOD

Influence of heparinization on pH determinations from arterial blood samples. Bech-Jansen P, et al.
Acta Anaesthesiol Scand 16:35-7, 1972
Simultaneous use of multiple fibrometers for coagulation factor and heparin assays. Abildgaard CF, et al. **Am J Clin Pathol** 58:272-4, Sep 72
Statistical correlation and heparin sensitivity of activated partial thromboplastin time, whole blood coagulation time, and an automated coagulation time. Schriever HG, et al. **Am J Clin Pathol** 60:323-9, Sep 73
The in vitro effect of heparin on the activated partial thromboplastin time. Soloway HB, et al.
Am J Clin Pathol 58:405-7, Oct 72
Differentiation of bleeding diatheses which occur following protamine correction of heparin anticoagulation. Soloway HB, et al.
Am J Clin Pathol 60:188-91, Aug 73
Sensitivity of the activated partial thromboplastin time to heparin: effect of anticoagulant used for sample collection. Soloway HB, et al.
Am J Clin Pathol 59:760-2, May 73
Effects of a progestational oral contraceptive on lipids and lipases. Glueck CJ, et al.
Am J Obstet Gynecol 116:689-93, 1 Jul 73
Phosphorylcholine: a specific promoter of reparin and serum -lipoprotein interaction. Mookerjea S.
Biochem Biophys Res Commun 53:580-7, 17 Jul 73
Cofactor activity of protein components of human very low density lipoproteins in the hydrolysis of triglycerides by lipoproteins lipase from different sources. Havel RJ, et al.
Biochemistry 12:1828-33, 24 Apr 73
Long-chain acyl-CoA hydrolase activity in serum: identity with clearing factor lipase. Jansen H, et al.
Biochim Biophys Acta 296:241-8, 19 Jan 73
Increase in postheparin lipoprotein lipase activity in rat plasma by dietary erucic acid. Struijk CB, et al.
Biochim Biophys Acta 296:253-6, 19 Jan 73
Analysis of nitrous oxide concentrations in whole blood: an evaluation of an equilibration technique. Molloy MJ, et al. **Br J Anaesth** 45:556-62, Jun 73
Protamine--antagonist to heparin. Jaques LB.
Can Med Assoc J 108:1291-7, 19 May 73 (30 ref.)
Theory and practice of minidose heparin in surgical patients. A status report. Wessler S, et al.
Circulation 47:671-6, Apr 73 (30 ref.)
A selective de-heparinizer filter made of new cross-linked polymers of a poly-amido-amine structure. Marchisio MA, et al.
Experientia 29:93-5, 1 May 73
Plasma thrombin clotting time and plasma fibrinogen in diabetes mellitus and atherosclerosis. Banerjee RN, et al. **Indian J Med Res** 60:1432-42, Oct 72
Characterization, subcellular localization, and partial purification of a heparin-released triglyceride lipase from rat liver. Assmann G, et al.
J Biol Chem 248:1992-9, 25 Mar 73
Plasma heparin: a unique, practical, submicrogram-sensitive assay. Yin ET, et al.
J Lab Clin Med 81:298-310, Feb 73
Chemistry and pharmacology of heparin. Ehrlich J, et al. **J Pharm Sci** 62:517-44, Apr 73 (626 ref.)
Prolonged extracorporeal respiration with a membrane gas exchanger. Awad JA, et al.
J Thorac Cardiovasc Surg 66:40-51, Jul 73
Thrombin-time test. Wessler S, et al.
Lancet 2:877-8, 21 Oct 72
Rheology of blood: effect of dilution with various dextrans. Singh M, et al.
Microvasc Res 5:123-30, Mar 73
The activated partial thromboplastin time. Chin JL.
N Engl J Med 288:1410, 28 Jun 73
Standardized methods for heparin therapy. Soloway HB. **N Engl J Med** 289:429-30, 23 Aug 73
Control of heparin therapy with an activated partial thromboplastin time. Akkerman JW, et al.
Neth J Med 16:129-35, 1973
Enzymic depolymerization of macromolecular heparin as a factor in control of lipoprotein lipase activity. Horner AA. **Proc Natl Acad Sci USA** 69:3469-73, Nov 72
Developments in transient hemorrhagic disorders. Rowe AJ, et al. **Tex Med** 69:72-8, Feb 73 (78 ref.)
Preparation and evaluation of a new athrombogenic heparinized hydrophilic polymer for use in cardiovascular system. Tanzawa H, et al.
Trans Am Soc Artif Intern Organs 19:188-94, 1973
Mixed leukocyte cultures in dogs. A microtechnique using gradient-purified cells. Gluckman E, et al.
Transplantation 15:642-5, Jun 73
[Experience in treating diabetic retinopathy with heparin] Bozadzhieva E, et al.
Vutr Boles 12:117-23, 1973 (Eng. Abstr.) **(Bul)**
[Lipoprotein lipase activity and blood lipid fractions in hypertension] Bozadzhieva E, et al.
Vutr Boles 12:45-50, 1973 (Eng. Abstr.) **(Bul)**
[Anesthesia and resuscitation in infarction surgery. 6 cases concerning patients with left ventricle aneurysm resection and aortocoronary bypass] Salamagne JC, et al.
Anesth Analg (Paris) 28:1171-5, Nov-Dec 71 **(Fre)**
[Heparin cofactor level in the initial stage of acute leukoses. Reduction of this factor by asparaginase] Kolodie L, et al.
Lyon Med 228:685-90, 10 Dec 72 (Eng. Abstr.) **(Fre)**
[Volume of distribution and half-life of heparin after intravenous administration] Zöllner N, et al.
Res Exp Med (Berl) 158:89-94, 1972 (Eng. Abstr.) **(Ger)**
[Pharmacokinetics of heparin and heparinoids] Metz J, et al. **Verh Dtsch Ges Inn Med** 78:1570-4, 1972 **(Ger)**
[Humoral complex studies in phase diagnosis of arteriosclerosis and for the evaluation of anti-atherogenic therapeutic effects] David C, et al.
Z Alternsforsch 26:89-96 passim, 1972 **(Ger)**
[Clinical forms of mastocytosis] Chwalińska-Sadowska H, et al. **Reumatologia** 11:91-5, Jan 73 (35 ref.) **(Pol)**
[The effect of adrenalectomy and administration of corticosteroids on the fibrinolytic activity of complex heparin compounds in the blood during immobilization] Kudriashov BA, et al.
Fiziol Zh SSSR 59:1108-13, Jul 73 (Eng. Abstr.) **(Rus)**
[Use of various blood coagulation indices as supplementary criteria for the activity of the rheumatic process] Gurevich VM.
Kardiologiia 12:122-4, Oct 72 **(Rus)**
[The effect of hyaluronidase on the course of experimental atherosclerosis] Pertsovskii AI, et al.
Kardiologiia 13:37-40, Mar 73 (Eng. Abstr.) **(Rus)**
[Total non-enzymatic fibrinolytic activity and formation of an adrenalin-heparin complex in ischemic heart disease] Panchenko VM, et al.
Klin Med (Mosk) 50:37-41, Aug 72 (Eng. Abstr.) **(Rus)**
[Blood heparin content of patients with chronic relapsing aphthous stomatitis] Rybakov AI, et al.
Stomatologiia (Mosk) 51:38-40, May-Jun 72 (Eng. Abstr.) **(Rus)**
[Characteristics of the heparin profile in eczema] Levin MM, et al.
Vestn Dermatol Venerol 46:19-21, Jul 72 (Eng. Abstr.) **(Rus)**
[Reactivity of the blood coagulation system in experimental adrenal insufficiency] Petrishchev NN.
Vestn Khir 110:37-41, Apr 73 (Eng. Abstr.) **(Rus)**
[The origin and physiological importance of activated plasminogen and plasmin in excitation of the anticoagulative system] Kudriashov BA, et al.
Vopr Med Khim 19:136-40, Mar-Apr 73 (Eng. Abstr.) **(Rus)**
[Formation of noradrenaline-heparin and adrenaline-heparin complexes in the blood of young people under emotional and intellectual stress] Kudriashov BA, et al.
Vopr Med Khim 18:385-90, Jul-Aug 72 (Eng. Abstr.) **(Rus)**
[Role of biologically active substances in the pathogenesis of experimental allergy and bronchial asthma (literature review)] Chistiakov GM.
Vopr Okhr Materin Det 17:34-7, Feb 72 (52 ref.) **(Rus)**
[Characteristics of nonenzymatic fibrinolytic activity and the formation of adrenaline-heparin and noradrenaline-heparin complexes in the blood in logoneurosis] Podol'skaia OV, et al.
Zh Nevropatol Psikhiatr 73:711-5, 1973 (Eng. Abstr.) **(Rus)**
[Dynamics of the heparin and histamine indices in acute respiratory infection in children] Vereshchagin IA, et al. **Pediatr Akush Ginekol** 1:14-5, 1973 **(Ukr)**

CHEMICAL SYNTHESIS

[The origin and physiological importance of activated plasminogen and plasmin in excitation of the anticoagulative system] Kudriashov BA, et al.

Vopr Med Khim 19:136-40, Mar-Apr 73 (Eng. Abstr.) (Rus)

DIAGNOSTIC USE

Studies on metachromasia. 1. The non-specificity of green metachromasia to toluidine blue. Azariah J. Acta Histochem (Jena) 43:254-9, 1972

Hypertriglyceridemia in early diabetes. Bierman EL. Adv Metab Disord 2:Suppl 2:67-72, 1973

A standardized test of platelet adhesiveness. Zacharski LR, et al. Am J Clin Pathol 58:422-7, Oct 72

Evidence for a common, saturable, triglyceride removal mechanism for chylomicrons and very low density lipoproteins in man. Brunzell JD, et al. J Clin Invest 52:1578-85, Jul 73

Evidence for a common, saturable, triglyceride removal mechanism for chylomicrons and very low density lipoproteins in man. Brunzell JD, et al. J Clin Invest 22:1578-85, Jul 73

Effect of age on post-heparin lipase. Brodows RG, et al. N Engl J Med 287:969-70, 9 Nov 72

[Efficiency and limits of blood coagulation tests] Róka L. Internist (Berlin) 14:149-53, Apr 73 (Ger)

[Keypoints in clinical tests for hemorrhagic and thrombotic tendencies] Yasunaga K. Jap J Clin Med 31:783-97, Apr 73 (20 ref.) (Jap)

[Aspects of lipid metabolism in myxedema before and after treatment] Paula e Silva P de, et al. Rev Hosp Clin Fac Med Sao Paulo 28:3-8, Jan-Feb 73 (Eng. Abstr.) (Por)

[Non-enzymatic fibrinolytic activity of the plasma of animals under chronic stress] Kudriashov BA, et al. Kardiologiia 12:100-4, Oct 72 (Rus)

[The frequency of diagnosing thrombosis according to the signs of absolute hypocoagulemia] Smolianitskii Ala, et al. Lab Delo 11:670-2, 1972 (Rus)

[Hemocoagulation and fibrinolytic properties of the gastric wall involved in ulcerous and cancerous processes] Kal'chenko II, et al. Vestn Khir 110:3-8, Apr 73 (Eng. Abstr.) (Rus)

[Blood serum lipids and post--heparin lipolytic activity during exacerbation of chronic pancreatitis] Geller LI, et al. Vopr Med Khim 18:639-41, Nov-Dec 72 (Eng. Abstr.) (Rus)

[Evaluation of the changes in the blood coagulation system in the dynamics of treating ischemic insult with anticoagulants] Lobkova TN. Zh Nevropatol Psikhiatr 73:645-51, 1973 (Eng. Abstr.) (Rus)

ISOLATION & PURIFICATION

The characterisation of heparin in bovine liver capsule. Serafini-Fracassini A, et al. FEBS Lett 32:116-8, 15 May 73

The purification and mechanism of action of human antithrombin-heparin cofactor. Rosenberg RD, et al. J Biol Chem 248:6490-505, 25 Sep 73

Chemistry and pharmacology of heparin. Ehrlich J, et al. J Pharm Sci 62:517-44, Apr 73 (626 ref.)

Enzymic depolymerization of macromolecular heparin as a factor in control of lipoprotein lipase activity. Horner AA. Proc Natl Acad Sci USA 69:3469-73, Nov 72

METABOLISM

Heparin metabolism in amyloidosis. Kennedy S. Acta Pathol Microbiol Scand [A] 233:109-13, 1972

Effect of hypophysectomy and growth hormone treatment on the composition of canine aorta. Sirek OV, et al. Adv Metab Disord 2:Suppl 2:483-91, 1973

Phosphorylcholine: a specific promoter of reparin and serum -lipoprotein interaction. Mookerjea S. Biochem Biophys Res Commun 53:580-7, 17 Jul 73

Characterization of a chondroitin 4 -sulfate proteoglycan carrier for heparin neutralizing activity (platelet factor 4) released from human blood platelets. Barber AJ, et al. Biochim Biophys Acta 286:312-29, 29 Dec 72

Heparin absorption during heparin-saline lung lavage in a patient with pulmonary alveolar proteinosis. Sunderland WA, et al. Chest 63:1033-4, Jun 73

Metabolism of glycosaminoglycans in alloxan diabetic rats. I. Changes in tissue glycosaminoglycans. Malathy K, et al. Diabetes 21:1162-7, Dec 72

Retrobulbar modifications in experimental exophthalmos: the effect of thyrotropin and an exophthalmos producing substance derived from thyrotropin on the 35SO4 incorporation and glycosaminoglycan content of Harderian glands. Winand RJ, et al. Endocrinology 93:670-80, Sep 73

Further characterization of a factor from endotoxin-treated serum which releases histamine and heparin from mast cells. Hook WA, et al. Infect Immun 5:909-14, Jun 72

Sequential degradation of heparin in Flavobacterium heparinum. Purification and properties of five enzymes involved in heparin degradation. Dietrich CP, et al. J Biol Chem 248:6408-15, 25 Sep 73

Functional characteristics of mast cells associated with rat mammary tumors induced by 7,12-dimethylbenz(a)anthracene. Combs JW, et al. J Natl Cancer Inst 50:1003-11, Apr 73

Chemistry and pharmacology of heparin. Ehrlich J, et al. J Pharm Sci 62:517-44, Apr 73 (626 ref.)

The uptake and disposition of S 35 -heparin by macrophages in vitro. O TH, et al. J Reticuloendothel Soc 13:134-42, Feb 73

Serum insulin or plasma-insulin? Cross L. Lancet 1:491-2, 3 Mar 73

Small doses of subcutaneous sodium heparin in preventing deep venous thrombosis after major surgery. Nicolaides AN, et al. Lancet 2:890-3, 28 Oct 72

Enzymic depolymerization of macromolecular heparin as a factor in control of lipoprotein lipase activity. Horner AA. Proc Natl Acad Sci USA 69:3469-73, Nov 72

Coagulation of blood plasma of guinea pig by the bone matrix. Huggins CB, et al. Proc Natl Acad Sci USA 70:929-33, Mar 73

Increase of post-heparin lipase activity by oxandrolone in familial hyperchylomicronemia. Faergeman O, et al. Scand J Clin Lab Invest 31:27-31, Jan 73

[Percutaneous absorption of heparin- 35 S from a specially prepared oil-in-water emulsion] Schraven E, et al. Arzneim Forsch 23:274-5, Feb 73 (Eng. Abstr.) (Ger)

[Demonstration of mast cells and histamine in human placenta] Mahnke PF, et al. Exp Pathol (Jena) 6:355-9, 1972 (Eng. Abstr.) (Ger)

[Acid mucopolysaccharides in the urine, amniotic fluid and serum] Suschke J. Fortschr Med 91:485-7, 19 Apr 73 (Ger)

[Volume of distribution and half-life of heparin after intravenous administration] Zöllner N, et al. Res Exp Med (Berl) 158:89-94, 1972 (Eng. Abstr.) (Ger)

[Half-life and clearance of heparin in man] Kaiser W, et al. Verh Dtsch Ges Inn Med 77:1025-6, 1971 (Ger)

[Effect of adrenalectomy on the functional condition of the blood coagulation system] Shapiro FB, et al. Biol Nauki 5:42-5, 1971 (Rus)

[The effect of aminazine on blood coagulation] Novak EN. Farmakol Toksikol 35:717-20, Nov-Dec 72 (Eng. Abstr.) (Rus)

[Effect of retabolil on the blood coagulation system] Savel'eva AV. Farmakol Toksikol 36:62-4, Jan-Feb 73 (Eng. Abstr.) (Rus)

[Blood coagulation changes under the influence of gravitational stress according to thrombelastographic findings] Serikova AZ, et al. Kosm Biol Med 6:10-4, Jan-Feb 72 (Eng. Abstr.) (Rus)

[Blood coagulation under the effect of a single injection of insulin] Khubetsova RD. Probl Endokrinol (Mosk) 18:74-8, Nov-Dec 72 (Eng. Abstr.) (Rus)

[Blood coagulation changes in splenic diseases] Askherkhanov RP, et al. Vestn Khir 108:65-71, Apr 72 (Eng. Abstr.) (Rus)

[The role of heparin in regulating placental circulation] Bizhan UI, et al. Vopr Okhr Materin Det 17:52-6, Jun 72 (Eng. Abstr.) (Rus)

[Hereditary mucopolysaccharidoses (literature survey)] Pashin IuV. Vopr Okhr Materin Det 17:49-52, Jun 72 (15 ref.) (Rus)

PHARMACODYNAMICS

Influence of heparinization on pH determinations from arterial blood samples. Bech-Jansen P, et al. Acta Anaesthesiol Scand 16:35-7, 1972

Gastric perfusion in vivo. Fischerman K, et al. Acta Chir Scand 139:63-5, 1973

Effect of triphenylmethane dyes (brilliant green, crystal violet, methyl violet) on proliferation in human normal fibroblast-like and established

epithelial-like cell lines. Norrby K, et al. **Acta Derm Venereol (Stockh)** 52:476-83, 1972

Blood specimens collection for red cells enzyme assay. Astaldi G, et al. **Acta Vitaminol Enzymol (Milano)** 26:78-80, 1972

Studies in the functional properties of vascular mucopolysaccharides. Gerö S, et al. **Adv Metab Disord** 2:Suppl 2:103-10, 1973

Toxicological effects of vincristine sulfate on blood platelets. Zbinden G, et al. **Agents Actions** 2:241-5, 1972

Electrocardiographic responses to pulmonary embolism. Mechanisms and sources of variability. Spodick DH. **Am J Cardiol** 30:695-9, 8 Nov 72

Hypertriglyceridemia in chronic nonnephrotic renal failure. Gutman RA, et al. **Am J Clin Nutr** 26:165-72, Feb 73

The role of the platelet membrane in platelet function. I. Blood coagulation. Glynn MF. **Am J Clin Pathol** 60:309-13, Sep 73

Statistical correlation and heparin sensitivity of activated partial thromboplastin time, whole blood coagulation time, and an automated coagulation time. Schriever HG, et al. **Am J Clin Pathol** 60:323-9, Sep 73

The in vitro effect of heparin on the activated partial thromboplastin time. Soloway HB, et al. **Am J Clin Pathol** 58:405-7, Oct 72

Differentiation of bleeding diatheses which occur following protamine correction of heparin anticoagulation. Soloway HB, et al. **Am J Clin Pathol** 60:188-91, Aug 73

Sensitivity of the activated partial thromboplastin time to heparin: effect of anticoagulant used for sample collection. Soloway HB, et al. **Am J Clin Pathol** 59:760-2, May 73

Evaluation of three methods for plasma fibrinogen determination. Stevens DJ, et al. **Am J Clin Pathol** 60:182-7, Aug 73

Avian thrombocyte aggregation and shape change in vitro. Grant RA, et al. **Am J Physiol** 225:340-3, Aug 73

Oxygen tension measurements in small samples. Sampling errors. Janis KM, et al. **Am Rev Respir Dis** 106:914-6, Dec 72

On the in vivo clearance and detoxification of endotoxin by lung and liver. Mori K, et al. **Ann Surg** 177:159-63, Feb 73

Activity of foot-and-mouth disease virus RNA-dependent RNA polymerase in vitro: inhibition by polyamines and poly(amino acid)s. Lazarus LH, et al. **Arch Biochem Biophys** 156:154-60, May 73

Biologic and immunologic comparison of two plaque variants of herpes simplex virus type 1. Schneweis KE, et al. **Arch Gesamte Virusforsch** 38:338-46, 1972

Adrenocortical steroid treatment of rheumatic diseases. Effects on lipid metabolism. Stern MP, et al. **Arch Intern Med** 132:97-101, Jul 73

Ocular changes in the generalized Shwartzman reaction. Howes EL Jr, et al. **Arch Ophthalmol** 90:218-24, Sep 73

A nonionic surfactant and blood viscosity. Experimental observations. Grover FL, et al. **Arch Surg** 106:307-10, Mar 73

Comparison of analytical values for commerical heparin. Kavanagh LW, et al. **Arzneim Forsch** 23:605-11, Apr 73

Heparin effects on plasma lysolecithin formation and platelet aggregation. Besterman EM, et al. **Atherosclerosis** 17:503-13, May-Jun 73

A case of massive hypertriglyceridemia corrected by nicotinic acid or nicotinamide therapy. Carlson LA, et al. **Atherosclerosis** 16:359-68, Nov-Dec 72

A proposed role for 5S ribosomal RNA. Avadhani NG, et al. **Biochem Biophys Res Commun** 50:443-51, 23 Jan 73

Increases in rat liver cyclic AMP concentrations prior to the initiation of DNA synthesis following partial hepatectomy or hormone infusion. Macmanus JP, et al. **Biochem Biophys Res Commun** 49:1201-7, 4 Dec 72

Isolation of active polyribosomes from the cytoplasm, mitochondria and chloroplasts of Euglena gracilis. Avadhani NG, et al. **Biochem J** 128:353-65, Jun 72

Preservation of structural integrity of liver lysosomes and membrane-stabilizing action of anti-inflammatory drugs, catecholamines and cyclic adenosine monophosphate in isotonic salt media. Ignarro LJ. **Biochem Pharmacol** 22:1269-82, 1 Jun 73

Cofactor activity of protein components of human very low density lipoproteins in the hydrolysis of triglycerides by lipoproteins lipase from different sources. Havel RJ, et al. **Biochemistry** 12:1828-33, 24 Apr 73

Inhibition by heparin of globin messenger rbinucleic acid translation in a mammalian cell-free system. Waldman AA, et al. **Biochemistry** 12:2706-11, 3 Jul 73

Studies on human polymorphonuclear leukocyte enzymes. II. Comparative study of the physical properties of primary and specific granules. Avila JL, et al. **Biochim Biophys Acta** 293:409-23, 15 Feb 73

Studies on human polymorphonuclear leukocyte enzymes. I. Assay of acid hydrolases and other enzymes. Avila JL, et al. **Biochim Biophys Acta** 293:397-408, 15 Feb 73

Further characterisation of lipoprotein lipase and hepatic post-heparin lipase from rat plasma. Fielding CJ. **Biochim Biophys Acta** 280:569-78, 8 Dec 72

Long-chain acyl-CoA hydrolase activity in serum: identity with clearing factor lipase. Jansen H, et al. **Biochim Biophys Acta** 296:241-8, 19 Jan 73

Increase in postheparin lipoprotein lipase activity in rat plasma by dietary erucic acid. Struijk CB, et al. **Biochim Biophys Acta** 296:253-6, 19 Jan 73

Mechanical versus metabolic regulation of myocardial oxygen consumption. Mjos OD. **Biomedicine** 18:9-12, Jan 73

Copper ion binding and heparin interactions of human fibrinogen. Lages B, et al. **Biopolymers** 12:961-74, May 73

Kinetics of the acid hydrolysis of heparin from its Cu(II) complex and its relation to biological activity. Stivala SS, et al. **Biopolymers** 12:947-59, May 73

Rheogoniometric studies of whole human blood at shear rates from 1000 to 0.0009 sec-1. I. Experimental findings. Copley AL, et al. **Biorheology** 10:17-22, Mar 73

The role of granulocytes in endotoxin-induced vascular injury. Gaynor E. **Blood** 41:797-808, Jun 73

Acid mucopolysaccharides as cofactor in formation of platelet-clumping substance. Murase H, et al. **Blood** 37:684-91, Jun 71

Effects of cell concentration and various anticoagulants on neutrophil migration. Patten E, et al. **Blood** 41:711-9, May 73

A method for the measurement of platelet adhesiveness by use of dialysis membranes in a test-cell. Lindsay RM, et al. **Br J Haematol** 24:377-89, Mar 73

Fibrin monomer and platelet aggregation in vitro and in vivo. Müller-Berghaus G, et al. **Br J Haematol** 23:177-88, Aug 72

The effects of metabolic inhibitors on the autohaemolysis test and its relevance to the mechanism of the red cell lysis. Van Eys J, et al. **Br J Haematol** 24:37-47, Jan 73

Effects of enzyme inhibitors of catecholamine metabolism and of haloperidol on the pancreatic secretion induced by L-DOPA and by dopamine in dogs. Furuta Y, et al. **Br J Pharmacol** 47:77-84, Jan 73

Nature of hyperacute (accelerated second set) rejection in dog renal allografts and effects of heparin on rejection process. Amery AH, et al. **Br Med J** 1:455-8, 24 Feb 73

Simple method for detection of infection of peritoneum during dialysis. Wardle EN. **Br Med J** 2:518-20, 2 Jun 73

Effect of heparin on renal function in patients with oliguria. Wardle EN, et al. **Br Med J** 4:135-8, 21 Oct 72

Three variants of postheparin lipiprotein lipase activity in idiopathic hyperlipoproteinemia. Horst A, et al. **Bull Acad Pol Sci [Biol]** 21:199-202, 1973

Some observations in lepra reaction. Mukherjee A, et al. **Bull Calcutta Sch Trop Med** 19:57-9, Jul 71

Effect of combined administration of EACA and heparin on thrombus weight and fibrinolysis. An experimental study. Komatsu K, et al. **Bull Tokyo Med Dent Univ** 20:93-104, Mar 73

Effects of lipopolysaccharides on bone resorption in tissue culture. Hausmann E, et al. **Calcif Tissue Res** 9:272-82, 1972

An automated method for measuring Rhesus monkey erythrocyte and plasma cholinesterase. Ward FP, et al. **Can J Comp Med** 37:152-6, Apr 73

Protamine--antagonist to heparin. Jaques LB. **Can Med Assoc J** 108:1291-7, 19 May 73 (30 ref.)

Effects of chronic hemodialysis on thyroid function in chronic renal failure. Silverberg DS, et al. **Can Med Assoc J** 109:282-6, 18 Aug 73

Transport of orally administered 9,10-dimethyl-1,2-benzanthracene in the Sprague-Dawley rat. Grubbs CJ, et al. **Cancer Res** 33:1785-9, Jul 73

Effects of heparin and benzyl alcohol on

lymphocyte-mediated cytotoxicity in vitro. Kemp A, et al. **Cell Immunol** 7:512-5, Jun 73

Radioimmunoassay. Practices and pitfalls. Yalow RS. **Circ Res** 32:Suppl 1:116-28, 5 May 73 (46 ref.)

Pulmonary reactions to Micropolyspora faeni in sensitized rabbits. Kochman S, et al. **Clin Allergy** 2:307-15, Dec 72

Inhibition of leukocyte acid phosphatase by heparin. DeChatelet LR, et al. **Clin Chem** 18:1532-4, Dec 72

Stability of erythrocytic enzymes for screening tests. Lowe ML, et al. **Clin Chem** 19:529-30, May 73

Investigations on acid phosphatase activity in human plasma and serum. Modder CP. **Clin Chim Acta** 43:205-14, 24 Jan 73

Effect of heparin on gentamicin concentration in blood. Yourassowsky E, et al. **Clin Chim Acta** 42:189-91, Nov 72

Comparison of anticoagulant activity of two preparations of purified heparin. Baltes BJ, et al. **Clin Pharmacol Ther** 14:287-90, Mar-Apr 73

Potentiation of platelet aggregation and adhesion by heparin both in vivo and in vitro. Thompson C, et al. **Clin Sci** 44:21P, Apr 73

Effects of heparin and clofibrate on blood-serum lipid levels in patients with ischaemic heart disease. Haviar V, et al. **Cor Vasa** 14:188-96, 1972

Effects of amino acids, epinephrine and heparin upon the radioimmunoassay of insulin in plasma. Feldman JM, et al. **Diabetes** 22:9-15, Jan 73

Intranuclear receptor for androgens in rat epididymis. Blaquier JA, et al. **Endocrinology** 93:51-60, Jul 73

Studies on growth hormone secretion. V. Influence of plasma free fatty acid levels. Hertelendy F, et al. **Endocrinology** 92:402-10, Feb 73

The effects of heparin on endogenous DNA polymerase activity of rat liver nuclei and chromatin fractions. Cook RT, et al. **Exp Cell Res** 78:257-70, Apr 73

Lytic effect of mouse macrophages on red cells. Seljelid R, et al. **Exp Cell Res** 75:534-6, Dec 72

Lipoprotein-lipase modifications in subjects treated with a synthetic, heparin-like polyanion (SP 54). Frandoli G, et al. **Farmaco [Prat]** 27:514-8, Sep 72

Enzymatic degradation of DNA and deoxyribonucleoprotein in the presence of polyanions. Skalka M, et al. **Folia Biol (Praha)** 19:68-77, 1973

Thrombin inhibiting action of heparin. Abildgaard U. **Folia Haematol (Leipz)** 98:408-16, 1972 (31 ref.)

Liver preservation without perfusion. Schalm SW. **Folia Med Neerl** 15:198-206, 1972 (47 ref.)

The influence of platelets on lipoprotein-lipase activity. Bucher HW. **Helv Med Acta** 37:49-54, 1973

Effect of methandienone on free fatty acid and triglyceride turnover in normal females. Kissebah AH, et al. **Horm Metab Res** 5:275-9, Jul 73

Mechanism of hypertriglyceridaemia associated with contraceptive steroids. Kissebah AH, et al. **Horm Metab Res** 5:184-90, May 73

The effect of a sulphated mucopolysaccharide (RO1-8307) on adrenal and kidney morphology and function in the rat. Abbott EC, et al. **Hormones** 3:129-43, 1972

Direct hemolysis induced by some Egyptian snake venoms and other allied venoms. Mohamed AH, et al. **Indian J Med Res** 60:1759-63, Dec 72

Effect in mice of injection of viable Candida albicans and a cell-free sonic extract on circulating platelets. Holder IA, et al. **Infect Immun** 7:468-72, Mar 73

Effects of disseminated intravascular coagulation on pulmonary circulation and respiration. Olsson P, et al. **Int Anesthesiol Clin** 10:173-9, Winter 72

The mechanism of action of macrophage migration inhibitory factor (MIF). Pick E, et al. **Int Arch Allergy Appl Immunol** 45:295-8, 1973

The effect of dextrans, furosemide, and heparin on renal function changes caused by hemolysis in the dog. Möhring K, et al. **Invest Ophthalmol** 10:404-8, Mar 73

The effect of dextrans, furosemide, and heparin on renal function changes caused by hemolysis in the dog. Mohring K, et al. **Invest Urol** 10:404-8, Mar 73

Effect of cationic and anionic polyelectrolytes and antibodies on the lysis of micrococci and streptococci by leukocyte lysates and lysozyme. Ginsburg I, et al. **Isr J Med Sci** 9:863-8, May 73

Acute changes in lung mechanics following pulmonary emboli of various gases in dogs. Khan MA, et al. **J Appl Physiol** 33:774-7, Dec 72

Characterization, subcellular localization, and partial purification of a heparin-released triglyceride lipase from rat liver. Assmann G, et al. **J Biol Chem** 248:1992-9, 25 Mar 73

Rat brain tyrosine hydroxylase. Activation by limited tryptic proteolysis. Kuczenski R. **J Biol Chem** 248:2261-5, 10 Apr 73

Soluble, membrane-bound, and detergent-solubilized rat striatal tyrosine hydroxylase. pH-dependent cofactor binding. Kuczenski R. **J Biol Chem** 248:5074-80, 25 Jul 73

Quantitative measurement of ovalbumin messenger ribonucleic acid activity. Localization in polysomes, induction by estrogen, and effect of actinomycin D. Rhoads RE, et al. **J Biol Chem** 248:2031-9, 25 Mar 73

A role for anionic sites in epithelial architecture. Effects of cationic polymers on cell membrane structure. Quinton PM, et al. **J Cell Biol** 56:787-96, Mar 73

Heparin administration appears to decrease cellular binding of thyroxine. Schwartz HL, et al. **J Clin Endocrinol Metab** 36:598-600, Mar 73

Effect of oleate, diphenylhydantoin and heparin on the binding of 125 I-thyroxine to purified thyroxine-binding globulin. Tabachnick M, et al. **J Clin Endocrinol Metab** 36:392-4, Feb 73

Response of plasma histaminase activity to small doses of heparin in normal subjects and patients with hyperlipoproteinemia. Baylin SB, et al. **J Clin Invest** 52:1985-93, Aug 73

Effect of inhibition of lipolysis on infarct size after experimental coronary artery occlusion. Kjekshus JK, et al. **J Clin Invest** 52:1770-8, Jul 73

Effect of inhibition of lipolysis on infarct size after experimental coronary artery occlusion. Kjekshus JK, et al. **J Clin Invest** 22:1770-8, Jul 73

Studies on the relationship between plasma free fatty acids and growth hormone secretion in man. Quabbe HJ, et al. **J Clin Invest** 51:2388-98, Sep 72

Anticoagulant activity of two commercially available heparin preparations. A controlled study. Gomez-Perez F. **J Clin Pharmacol** 12:413-6, Oct 72

Serum lipid pattern in chickens of the obese strain. Rudas B, et al. **J Endocrinol** 55:609-15, Dec 72

Whole-blood culture technique for functional studies of lymphocyte reactivity to mitogens, antigens, and homologous lymphocytes. Pauly JL, et al. **J Lab Clin Med** 82:500-12, Sep 73

Inhibition of activated factor X-induced platelet aggregation: the role of heparin and the plasma inhibitor to activated factor X. Yin ET, et al. **J Lab Clin Med** 82:390-8, Sep 73

Effects of acidic phospholipids, nucleotides, and heparin on the activity of lipase from rat liver lysosomes. Kariya M, et al. **J Lipid Res** 14:243-9, Mar 73

Inhibition of pancreatic lipase by Hymenolepis diminuta. Ruff MD, et al. **J Parasitol** 59:105-11, Feb 73

Inhibition of platelet thrombus formation by dextran. Evans RJ, et al. **J Pathol** 109:pi-ii, Jan 73

An improved in vivo procedure for standardization of heparin preparations. Kuo SH, et al. **J Pharm Pharmacol** 24:858-68, Nov 72

Chemistry and pharmacology of heparin. Ehrlich J, et al. **J Pharm Sci** 62:517-44, Apr 73 (626 ref.)

Prolonged extracorporeal respiration with a membrane gas exchanger. Awad JA, et al. **J Thorac Cardiovasc Surg** 66:40-51, Jul 73

Large burns in humans. Treatment with heparin. Saliba MJ Jr, et al. **JAMA** 225:261-9, 16 Jul 73

Serum and cellular factor involvement in nitroblue tetrazolium (NBT) reduction by human neutrophils. Nydegger UE, et al. **Klin Wochenschr** 51:377-82, 15 Apr 73

Reduction of thrombus formation on dialyser membranes by aspirin and RA 233. Lindsay RM, et al. **Lancet** 2:1287-90, 16 Dec 72

Ancrod, heparin, and -aminocaproic acid in simian Knowlesi malaria. Reid HA, et al. **Lancet** 2:1110-2, 25 Nov 72

Thrombin-time test. Wessler S, et al. **Lancet** 2:877-8, 21 Oct 72

Organ preservation. **Lancet** 2:715-6, 29 Sep 73

Regulation of aldosterone biosynthesis. Müller J. **Monogr Endocrinol** 5:1-137, 1971

Platelet and fibrinogen consumption in man. Harker LA, et al. **N Engl J Med** 287:999-1005, 16 Nov 72

Heparin treatment of common-duct stone. McCombs PR, et al. **N Engl J Med** 289:106, 12 Jul 73

Systemic heparinization for femoral percutaneous coronary arteriography. Walker WJ, et al. **N Engl J Med** 288:826-8, 19 Apr 73

The effect of fatty acids on the binding of tryptophan to

plasma protein. Curzon G, et al.
Nature 242:198-200, 16 Mar 73
Free tryptophan in plasma and brain tryptophan metabolism. Knott PJ, et al.
Nature (Lond) 239:452-3, 20 Oct 72
Cystic fibrosis: in vitro reversal of the ciliostatic character or serum and salivary secretions by heparin. Doggett RG, et al.
Nature [New Biol] 243:251-2, 20 Jun 73
Cystic fibrosis: in vivo reversal of the ciliostatic character of serum and parotid secretions by heparin. Doggett RG, et al.
Nature [New Biol] 243:250-1, 20 Jun 73
Control of heparin therapy with an activated partial thromboplastin time. Akkerman JW, et al.
Neth J Med 16:129-35, 1973
Pharmacology of anticoagulants. Quick AJ.
NY State J Med 73:1647-51, 15 Jun 73
A study of the effect of acid mucopolysaccharides on the growth of experimental tumors in mice. Shohat B, et al. **Pathol Biol (Paris)** 21:117-22, Feb 73
Bone cell response to calcium active drugs. Mills BG, et al. **Pharmacol Ther Dent** 1:241-61, Jun 71
Heparin-induced lipolysis and feeding behavior in sheep. Seoane JR, et al. **Physiol Behav** 9:419-22, Sep 72
Technique of orthotopic liver allotransplantation in dogs. Olszewski W, et al. **Pol Med J** 11:1583-9, 1972
Studies of the behavior of 5-hydroxyindoleacetic acid in experimental pulmonary embolism. Preibisz J.
Pol Med J 11:1163-71, 1972
Enzymic depolymerization of macromolecular heparin as a factor in control of lipoprotein lipase activity. Horner AA. **Proc Natl Acad Sci USA** 69:3469-73, Nov 72
The pathogenesis of neurogenic hypercholesterolemia. IV. Abnormal metabolism of chylomicronous cholesterol. Friedman M, et al.
Proc Soc Exp Biol Med 142:359-64, Jan 73
Prevention of dog serum-induced aggregation of pig platelets. Gerloff J, et al.
Proc Soc Exp Biol Med 141:298-303, Oct 72
Differentiation of types 1 and 2 herpes simplex virus by plaque inhibition with sulfated polyanions. Hutton RD, et al. **Proc Soc Exp Biol Med** 142:27-9, Jan 73
Failure of heparin, epsilon aminocaproic acid, or both agents to prevent increased fibrinogen levels after endotoxin in rabbits. Logan LJ, et al.
Proc Soc Exp Biol Med 142:321-3, Jan 73
Animal models useful in the study of thrombosis and antithrombotic agents. Didisheim P.
Prog Hemostasis Thromb 1:165-97, 1972 (235 ref.)
The interaction of blood hemostitic elements with aritificial surfaces. Mason RG.
Prog Hemostasis Thromb 1:141-64, 1972 (166 ref.)
Flow cell evaluation of nonthrombogenic materials. Durst S, et al. **Radiology** 106:507-11, Mar 73
Comparative study on the effect of mast cell disintegrating agents on clearing factor lipase activity in various species and sexes. Ambrus MS, et al.
Res Commun Chem Pathol Pharmacol 4:449-56, Sep 72
A method for the estimation of sodium physicochemical state in the biological fluids. Uluitu M, et al. **Rev Roum Physiol** 10:183-95, 1973
Investigations concerning the sodium state in blood serum. Uluitu M, et al.
Rev Roum Physiol 10:197-204, 1973
Heparin-induced increase of diamine oxidase-histaminase(EC 1.4.3.6.) in blood and lymph. Hansson R.
Scand J Clin Lab Invest 31:Suppl 129:1-23, 1973
Influence of heparin-plasma, EDTA-plasma, and serum on the determination of insulin with three different radioimmunoassays. Thorell JI, et al.
Scand J Clin Lab Invest 31:187-90, Mar 73
Determination of gastrin in serum. An evaluation of the reliability of a radioimmunoassay. Stadil F, et al.
Scand J Gastroenterol 8:101-12, 1973
Platelet refractory state induced by heparin. Elka C.
Scand J Haematol 9:665-72, 1972
The platelet aggregating effect of eight commercial heparins. Elka C. **Scand J Haematol** 9:480-2, 1972
Inactivation of platelet factor 4 in plasma. Elka C, et al.
Scand J Haematol 9:343-50, 1972
Ultrastructural studies of platelet 'activation' and aggregation in normal spleen from different species. Elgjo RF, et al. **Scand J Haematol** 9:587-602, 1972
The relationship between phagocytosis of polystyrene latex particles by polymorphonuclear leucocytes (PML) and aggregation of PML. Talstad I.
Scand J Haematol 9:516-23, 1972
Influence of anticoagulants on the nitroblue tetrazolium test. Hellum KB, et al.
Scand J Infect Dis 5:67-70, 1973
Intravascular coagulation in infection: a study by radio-fibrinogen. Wardle EN.
Scand J Infect Dis 4:155-9, 1972
In situ vein bypass. Experiences with new vein valve strippers. Skagseth E, et al.
Scand J Thorac Cardiovasc Surg 7:53-8, 1973
Renal function in burned rats with reference to the effect of intravascular coagulation. Rammer L.
Scand J Urol Nephrol 7:74-80, 1973
Studies on mechanisms of impairment of cerebral circulation following ischemia: effect of hemodilution and perfusion pressure. Fischer EG, et al.
Stroke 3:538-42, Sep-Oct 72
Surface thrombogenicity of arterial prostheses. Yates SG 2d, et al. **Surg Gynecol Obstet** 136:12-6, Jan 73
Utility of anticoagulant drugs in vascular thrombosis: electron microscopic and biophysical study. Sawyer PN, et al. **Surgery** 74:263-75, Aug 73
Scanning electron microscopic observation of platelets in hemostasis. Shimamoto T, et al.
Thromb Diath Haemorrh 29:168-82, 28 Feb 73
Proteolytic inhibitors, contact and other variables in the release reaction of human platelets. Zucker MB.
Thromb Diath Haemorrh 28:393-407, 31 Dec 72
Coagulant and esterase activities of thrombin and Bothrops atrox venom. Devi A, et al.
Toxicon 10:563-73, Oct 72
Some effects of guinea pig serum and heparin on hemolysis induced by Naja naja, Agkistrodon piscivorus and Apis mellifera venom. Vincent JE, et al. **Toxicon** 10:415-7, Jun 72
Rapid plasma exchange with the continuous flow centrifuge. McCullough J, et al.
Transfusion 13:94-9, Mar 73
Hyperacute rejection of renal allografts in the primate: protective effect of F(ab') 2 fragment of hyperimmune serum. Kobayashi K, et al.
Transplantation 14:374-81, Sep 72
Quantitative determination of fibrin deposition in organs of rats in the early post-burn period. Rammer L. **Z Rechtsmed** 71:114-9, 28 Nov 72
[Lipoprotein lipase activity and blood lipid fractions in hypertension] Bozadzhieva E, et al.
Vutr Boles 12:45-50, 1973 (Eng. Abstr.) (Bul)
[Effect of insulin and glucagon on the postheparinic plasma activity in normal and diabetic rats] Castro G, et al. **C R Soc Biol (Paris)** 166:1071-3, 1972 (Fre)
[Plasmatic elimination of lipids and diabetes. Studies of lipoprotein lipase] Guisard D, et al.
C R Soc Biol (Paris) 166:1067-70, 1972 (Fre)
[Study of an unusual disorder of post-heparin lipoprotein lipase activity in a child with fat-dependent hyperglyceridemia] Gennes JL de, et al.
Pathol Biol (Paris) 21:497-504, May 73 (Eng. Abstr.) (Fre)
[Effect of heparin on the result of pH and blood gas measurements. Study at 2 PCO2 and PO2 levels] Joly JB, et al. **Pediatrie** 28:283-9, Apr-May 73 (Fre)
[Thromboembolism in surgical practice. Current aspects of its control and prophylactic treatment. 2] Toulemonde F.
Phlebologie 25:433-62, Oct-Dec 72 (202 ref.) (Eng. Abstr.) (Fre)
[Inhibition of lysosomal enzymes by glycosaminoglycanpolysulfate. Therapy of chronic joint diseases using compounds with antidegenerative properties; biochemistry] Greiling H, et al.
Arzneim Forsch 23:593-7, Apr 73 (Eng. Abstr.) (Ger)
[Influencing of serum potassium analysis using blood platelets] Blum KU.
Dtsch Med Wochenschr 97:1615-6, 20 Oct 72 (Ger)
[Short-term fibrinolytic treatment in acute myocardial infarction] Breddin K, et al.
Dtsch Med Wochenschr 98:861-73, 27 Apr 73 (Eng. Abstr.) (Ger)
[A simple experimental methods ofr quantitative determination of the antithrombogenic effect of blood platelet aggregation inhibitors] Zekert F, et al.
Dtsch Med Wochenschr 98:1004-5, 11 May 73 (Ger)
[Effect of anesthesia and heparin on glucose induced insulin secretion in dogs] Fischer U, et al.
Endokrinologie 60:17-26, 1972 (Eng. Abstr.) (Ger)
[Physiological inhibitors of thrombin and thrombin synthesis] Schröer H.
Folia Haematol (Leipz) 99:212-22, 1973 (34 ref.) (Eng. Abstr.) (Ger)
[Isolation and substrate specificity of a

3'-phosphoadenyl sulfate: chondroitin 6-sulfotransferase from mouse liver] Momburg M, et al.
Hoppe Seylers Z Physiol Chem 353:1351-61, Aug 72 (Eng. Abstr.) (Ger)

[Differential diagnostic significance of thyroid hormone and TSH determination] Reinwein D.
Med Klin 67:1577-83, 1 Dec 72 (49 ref.) (Ger)

[Studies on the terminal pulmonary circulation with I-131 albumin particles] Haas R, et al.
Nucl Med (Stuttg) 9:208-14, 1971 (Ger)

[Tumor growth and mast cells] Mühlenfels W von, et al.
Osterr Z Erforsch Bekaempf Krebskr 27:277-80, 1972 (Ger)

[In-vitro inhibition of thrombocyte aggregation induced by xenogenic serum] Kaulla KN von, et al.
Res Exp Med (Berl) 158:152-64, 1972 (Eng. Abstr.) (Ger)

[Pharmacokinetics of heparin and heparinoids] Metz J, et al. **Verh Dtsch Ges Inn Med** 78:1570-4, 1972 (Ger)

[Cytotoxic behavior of incompatible tissue cells and its influencing through heparin and blocking antibodies. Preliminary report] Tilz GP.
Wien Z Inn Med 53:427-9, 1972 (Eng. Abstr.) (Ger)

[Experiments on the influence of metabolites and antimetabolites on the model of Trichomonas vaginalis. XI. Experiments with desthiobiotin, pregnandion, heparin and organic substances] Christow CP.
Zentralbl Bakteriol [Orig A] 219:394-406, Mar 72 (Eng. Abstr.) (Ger)

[Immune reactive insulin studies] Orosz L.
Orv Hetil 114:1645, 8 Jul 73 (Hun)

[Heparin and insulin secretion] Orosz L, et al.
Orv Hetil 113:2657-8, 29 Oct 72 (Hun)

[Fibrinolysis associated with consumption coagulopathy] Moriguchi T.
Jap J Clin Hematol 13:157-66, Apr 72 (Eng. Abstr.) (Jap)

[Simple routine method for fibrinogen determination] Arnesen H, et al.
Tidsskr Nor Laegeforen 92:1526-7, 30 Aug 72 (Eng. Abstr.) (Nor)

[Fibrinoplastic properties of cell components and antagonistic action of acid mucipolysaccharides] Węgrzynowicz Z, et al.
Acta Haematol Pol 2:297-304, Oct-Dec 71 (Eng. Abstr.) (Pol)

[Effect of various therapeutic methods on the basophil count in peripheral blood and sensitivity to heparin and heparin-like substances in rheumatic fever in children] Ordyński J.
Pediatr Pol 47:1089-96, Sep 72 (Eng. Abstr.) (Pol)

[Effect of heparin on the kininogenic system, fibrinolysis and blood coagulation in acute experimental pancreatitis] Stasiewicz J, et al.
Pol Tyg Lek 28:679-82, 1 May 73 (Eng. Abstr.) (Pol)

[Various histochemical changes in the livers of rats following administration of hyaluronidase and its non-specific inhibitors] Brodiagin NA, et al.
Arkh Anat Gistol Embriol 63:56-60, Oct 72 (Eng. Abstr.) (Rus)

[Effect of heparin on blood platelet aggregation and thrombus formation under the influence of a continuous electrical current] Mishchenko VI.
Fiziol Zh SSSR 58:1744-8, Nov 72 (Eng. Abstr.) (Rus)

[Experimental thrombolysis] Shumakov VI, et al.
Kardiologiia 12:88-91, Feb 72 (Eng. Abstr.) (Rus)

[Isolation and properties of intracellular ribonuclease from Aspergillus clavatus 1816] Ivanova GS, et al.
Mikrobiologiia 41:626-32, Jul-Aug 72 (Eng. Abstr.) (Rus)

[Effect of heparin on the interaction of immune lymphocytes with target cells] Brondz BD, et al.
Tsitologiia 15:74-81, Jan 73 (Eng. Abstr.) (Rus)

[Characteristics of the heparin profile in eczema] Levin MM, et al.
Vestn Dermatol Venerol 46:19-21, Jul 72 (Eng. Abstr.) (Rus)

[Pulmonary artery thromboembolism and the state of the blood coagulation system in severe cranio-cerebral trauma] Kuklina AS, et al.
Vopr Neirokhir 36:25-8, May-Jun 72 (Eng. Abstr.) (Rus)

[The influence of heparin on the interferonogenicity and interference induced by a virus or a synthetic polynucleotide] Mentkevich LM, et al.
Vopr Virusol 17:401-4, Jul-Aug 72 (Eng. Abstr.) (Rus)

PHYSIOLOGY

[Humoral factors of the anticoagulative system] Kudrjashov BA.
Folia Haematol (Leipz) 98:391-6, 1972 (Ger)

[The origin and physiological importance of activated plasminogen and plasmin in excitation of the anticoagulative system] Kudriashov BA, et al.
Vopr Med Khim 19:136-40, Mar-Apr 73 (Eng. Abstr.) (Rus)

[The role of heparin in regulating placental circulation] Bizhan UI, et al.
Vopr Okhr Materin Det 17:52-6, Jun 72 (Eng. Abstr.) (Rus)

RADIATION EFFECTS

Effects of -irradiation on the staining of glycosaminoglycans with Alcian Blue. Morgan RE, et al. **J Histochem Cytochem** 20:831-2, Oct 72

Chemistry and pharmacology of heparin. Ehrlich J, et al. **J Pharm Sci** 62:517-44, Apr 73 (626 ref.)

SECRETION

Functional characteristics of mast cells associated with rat mammary tumors induced by 7,12-dimethylbenz(a)anthracene. Combs JW, et al.
J Natl Cancer Inst 50:1003-11, Apr 73

[Demonstration of mast cells and histamine in human placenta] Mahnke PF, et al.
Exp Pathol (Jena) 6:355-9, 1972 (Eng. Abstr.) (Ger)

STANDARDS

An improved in vivo procedure for standardization of heparin preparations. Kuo SH, et al.
J Pharm Pharmacol 24:858-68, Nov 72

Heparin: help or hindrance? A commentary and review. Broders AC 3d, et al. **J Reprod Med** 10:269-71, Jun 73

To the editors: corticosteroids and heparin. Strade HA.
J Reprod Med 10:11, Jan 73

Heparin from different sources. Jaques LB.
Lancet 2:1262, 9 Dec 72

Standardisation of heparin for clinical use. Jaques LB, et al. **Lancet** 2:1315, 16 Dec 72

WHO Expert Committee on Biological Standardization: twenty-fifth report. **WHO Tech Rep Ser** 530:1-66, 1973

THERAPEUTIC USE

Anticoagulant treatment during and after embolectomy. Holm J, et al.
Acta Chir Scand 138:683-7, 1972

Thrombocytosis. A source of increased bleeding tendency. Solhaug JH. **Acta Chir Scand** 139:225-7, 1973

Postoperative thromboembolism and its prevention with 500 ml dextran given during operation with a special study of the venous flow pattern in the lower extremities. Jansen H.
Acta Chir Scand [Suppl] 427:1-73, 1972

Failure of subcutaneous heparin treatment in a case of disseminated intravascular coagulation. Stevens W, et al. **Acta Haematol (Basel)** 48:245-50, 1972

Pulmonary thromboembolism: current concepts. McIntyre KM, et al.
Adv Intern Med 18:199-218, 1972 (84 ref.)

Fibrinolysis in retinal vein occlusions. A preliminary report. Höhmann R, et al.
Albrecht von Graefes Arch Klin Ophthalmol 187:327-40, 1973

Disseminated intravascular coagulation. Pierce LE.
Am Fam Physician 7:118-25, Feb 73

Complications of transfemoral coronary arteriography and their prevention using heparin. Eyer KM.
Am Heart J 86:428, Sep 73

Venous thrombosis and permanent cardiac pacing. Friedman SA, et al. **Am Heart J** 85:531-3, Apr 73

Heparin, platelets, and venous thrombosis. O'Brien JR.
Am Heart J 85:435-8, Apr 73 (16 ref.)

Arvin therapy in experimental pulmonary embolism. Sharma GV, et al. **Am Heart J** 85:72-7, Jan 73

Prophylactic total coronary care. Stock E.
Am Heart J 85:814-30, Jun 73

Pregnancy in 6 patients with Starr-Edwards heart valve prostheses. Ibarra-Pérez C, et al.
Am J Cardiol 30:565-8, Oct 72

Comparison of various activated partial thromboplastin reagents in the laboratory control of heparin therapy. Soloway HB, et al. **Am J Clin Pathol** 59:587-90, Apr 73

Bleeding and infection. Kisker CT, et al. **Am J Dis Child** 124:483-4, Oct 72

Microangiopathic hemolytic anemia in Wegener's granulomatosis. Crummy CS, et al. **Am J Med** 51:544-8, Oct 71

Heparin therapy in a patient bitten by a saw-scaled viper (Echis carinatus), a snake whose venom activates prothrombin. Weiss HJ, et al. **Am J Med** 54:653-62, May 73

Priapism in sickle cell disease: report of five cases. Karayalcin G, et al. **Am J Med Sci** 264:289-93, Oct 72

Perspective: heparin therapy for disseminated intravascular coagulation. Marcus AJ. **Am J Med Sci** 264:365-6, Nov 72

Disseminated intravascular coagulation following cardiac arrest: a study of 15 patients. Mehta B, et al. **Am J Med Sci** 264:353-63, Nov 72

Fatal disseminated intravascular coagulation and hemolytic anemia following stibophen therapy: a study of basic mechanisms. Weiss HJ, et al. **Am J Med Sci** 264:375-84, Nov 72

Reversal of renal failure in Wegener's granulomatosis cy heparin. Whitaker AN, et al. **Am J Med Sci** 265:399-406, May 73

Therapy of acute meningococcal infections: early volume expansion and prophylactic low dose heparin. Wilson FE, et al. **Am J Med Sci** 264:445-55, Dec 72

Simplified procedure for monitoring heparin therapy. Grosky BM. **Am J Med Technol** 39:1-8, Jan 73

Transient ischemic attacks. Keller MR, et al. **Am J Nurs** 73:1330-1, Aug 73

Heparin in disseminated intravascular coagulation. Pritchard JA. **Am J Obstet Gynecol** 115:871-2, 15 Mar 73

The precise management of heparin therapy. Baden JP, et al. **Am J Surg** 124:777-9, Dec 72

The urokinase pulmonary embolism trial. De Takats G. **Am J Surg** 126:311-3, Sep 73

Selective arteriography and infusion in diagnosis and treatment of acute gastrointestinal bleeding. Finley JW, et al. **Am Surg** 39:448-52, Aug 73

Management of priapism. Moloney PJ, et al. **Am Surg** 38:671-5, Dec 72

Peripheral cannulation and bypass under local anesthesia in high-risk cardiac patients. Thomas GI, et al. **Am Surg** 38:486-93, Sep 72

Hazards of subdural and epidural anesthesia during anticoagulant therapy: a case report and review. DeAngelis J. **Anesth Analg (Cleve)** 51:676-9, Sep-Oct 72

Clinical considerations for the anesthesiologist whose patient is on anticoagulant therapy. Ellison N, et al. **Anesthesiology** 39:328-36, Sep 73 (57 ref.)

Ergotism. Unilateral brachial artery thrombosis secondary to ergotamine tartrate. Herlache J, et al. **Angiology** 24:369-73, Jun 73

Bilateral nephrectomy for hypertension. Bischel MD, et al. **Ann Intern Med** 77:656-8, Oct 72

Small transfusion, severe reaction. Degnan TJ, et al. **Ann Intern Med** 78:452-3, Mar 73

Norethindrone acetate, postheparin lipolytic activity, and plasma triglycerides in familial types I, 3, IV, and V hyperlipoproteinemia. Studies in 26 patients and 5 normal persons. Glueck CJ, et al. **Ann Intern Med** 75:345-52, Sep 71

Immune complex disease. Carter PM. **Ann Rheum Dis** 32:265-71, May 73 (27 ref.)

Experiences with the use of intracholedochal heparinized saline for the treatment of retained common duct stones. Gardner B. **Ann Surg** 177:240-4, Feb 73

Extracorporal circulation in hypothermia as used for total-body washout in stage IV hepatic coma. Cline RE, et al. **Ann Thorac Surg** 16:44-51, Jul 73

Technique of aortic balloon catheter deployment with the use of a Fogarty catheter. Saini VK, et al. **Ann Thorac Surg** 14:440-2, Oct 72

Clinical pharmacology of drug interactions. Raisfeld IH. **Annu Rev Med** 24:385-418, 1973 (179 ref.)

Heparin therapy in meningococcal septicaemia. Hunter J. **Arch Dis Child** 48:233-5, Mar 73

Purpura necrotica as a complication of ventriculoatrial shunts in hydrocephalus. Shennan AT. **Arch Dis Child** 47:821-3, Oct 72

Coagulation studies in haemolytic uraemic syndrome. Willoughby ML, et al. **Arch Dis Child** 47:766-71, Oct 72

Atheromatous plaques of the retinal blood vessels. Histologic confirmation of ophthalmoscopically visible lesions. Brownstein S, et al. **Arch Ophthalmol** 90:49-52, Jul 73

Reattachment of a totally amputated auricle. Clemons JE, et al. **Arch Otolaryngol** 97:269-72, Mar 73

Pulmonary embolectomy during pregnancy. Cohn LH, et al. **Arch Surg** 106:214-5, Feb 73

Regional perfusion with antibiotics for chronic bone infections. Jones RF, et al. **Arch Surg** 106:142-4, Feb 73

Venous and arterial occlusive disease treated by enzymatic clot lysis. LeVeen HH, et al. **Arch Surg** 105:927-36, Dec 72

Vascular complications of drug abuse. Maxwell TM, et al. **Arch Surg** 105:875-82, Dec 72

Chronic intravascular coagulation in metastatic prostate cancer. Samaha RJ, et al. **Arch Surg** 106:295-8, Mar 73

Relationship of fibrinolytic system to postoperative thrombotic phenomena. Sautter RD, et al. **Arch Surg** 107:292-6, Aug 73

A kidney transplant patient with Fabry's disease. Unusual features. Suros J, et al. **Arch Surg** 106:231-3, Feb 73

Pulmonary emboli as cause of pulmonary hypertension. Spotnitz M, et al. **Ariz Med** 30:272-4, Apr 73

Thrombotic thrombocytopenic purpura presenting as eclampsia. Perel ID, et al. **Aust NZ J Obstet Gynaecol** 12:257-62, Nov 72

The effect of heparin on the early resolution of pulmonary emboli in the dog. Vellar ID, et al. **Aust NZ J Surg** 42:85-9, Aug 72

Treatment of thrombotic thrombocytopenic purpura with antiplatelet drugs. Amir J, et al. **Blood** 42:27-33, Jul 73

Intravascular coagulation in acute leukemia: clinical and subclinical abnormalities. Grainick HR, et al. **Blood** 40:709-18, Nov 72

Defibrination syndrome or? Merskey C. **Blood** 41:599-603, Apr 73

Thrombogenic activity of leukocytes. Niemetz J, et al. **Blood** 42:47-59, Jul 73

Venous thromboses in myocardial infarction. Comparison in heparin dosage. Habersberger PG, et al. **Br Heart J** 35:538-42, May 73

Deep venous thrombosis. II. Management. Edwards IR, et al. **Br J Dermatol** 88:207-11, Feb 73 (35 ref.)

The skin in disseminated intravascular coagulation. Prospective analysis of thirty-six cases. Robboy SJ, et al. **Br J Dermatol** 88:221-9, Mar 73

Microangiopathic haemolytic anaemia (MHA). Brain MC. **Br J Haematol** 23:Suppl:45-52, Sep 72 (70 ref.)

Prolonged prothrombin time and partial thromboplastin time in disseminated intravascular coagulation not due to deficiency of factors V and VIII. Mant MJ, et al. **Br J Haematol** 24:725-34, Jun 73

Observations on the mechanism of the haematological changes in the haemolytic uraemic syndrome of infancy. Metz J. **Br J Haematol** 23:Suppl:53-9, Sep 72

Comparison between streptokinase and heparin in life-threatening pulmonary embolism. Tibbutt DA, et al. **Br J Haematol** 25:275-6, Aug 73

Heparin-induced osteoporosis. Sackler JP, et al. **Br J Radiol** 46:548-50, Jul 73

Arterial embolus to the upper limb. Champion HR, et al. **Br J Surg** 60:505-8, Jul 73

Internal pudendal arteriography after priapism. Evans IL, et al. **Br J Surg** 60:329-30, Apr 73

Conservative management of thrombo-embolism. Flute PT. **Br J Surg** 59:834-6, Oct 72

Low doses of heparin in the prevention of postoperative D.V.T.--a double-blind trial. Fossard DP, et al. **Br J Surg** 59:914, Nov 72

The diagnosis and management of massive pulmonary embolism. Miller GA. **Br J Surg** 59:837-9, Oct 72

Small doses of subcutaneous heparin preventing deep-vein thrombosis in major surgery. Nicolaides AN, et al. **Br J Surg** 59:914, Nov 72

Problems of fulminant hepatic failure. Williams R. **Br Med Bull** 28:114-9, May 72 (33 ref.)

Thrombotic thrombocytopenic purpura after influenza vaccination. Brown RC, et al. **Br Med J** 2:303, 5 May 73

Intracranial venous thrombosis complicating oral contraception: treatment by anticoagulant drugs. Fairburn B. **Br Med J** 2:647, 16 Jun 73

Haemostatic changes during dialysis associated with thrombus formation on dialysis membranes. Lindsay RM, et al. **Br Med J** 4:454-8, 25 Nov 72

Postpartum purpura fulminans: successful management with streptokinase. Preston FE, et al. **Br Med J** 3:329-30, 11 Aug 73

Neurological decompression sickness treated without recompression. Saumarez RC, et al. **Br Med J** 1:151-2, 20 Jan 73

Mechanisms of thrombocytopenia in malignant tertian malaria. Skudowitz RB, et al. **Br Med J** 2:515-8, 2 Jun 73

Haemolytic-uraemic syndrome in an adult with pericarditis and pleurisy. Utting JA, et al. **Br Med J** 2:591, 9 Jun 73

Simple method for detection of infection of peritoneum during dialysis. Wardle EN. **Br Med J** 2:518-20, 2 Jun 73

Effect of heparin on renal function in patients with oliguria. Wardle EN, et al. **Br Med J** 4:135-8, 21 Oct 72

Prevention of pulmonary embolism. **Br Med J** 2:612, 9 Jun 73

Peripheral vascular disease today. Lippmann HI. **Bull NY Acad Med** 49:674-88, Aug 73

Prevention of thromboembolism. Sharnoff JG. **Bull NY Acad Med** 49:655-60, Aug 73

Pathophysiology of shock secondary to underwater decompression sickness. Cockett AT. **Bull Soc Int Chir** 32:229-37, Mar-Apr 73

Experimental study on transplantation of abdominal inferior vena cava with teflon prosthesis having supporting rings and supplementary anticoagulant therapy. O'Hara I, et al. **Bull Soc Int Chir** 32:97-100, Jan-Feb 73

Primary venous obstruction of the upper extremity. Rowen M, et al. **Calif Med** 118:18-23, Feb 73

A modified whole blood partial thromboplastin test for the assessment of heparinization. Ray PK, et al. **Can Med Assoc J** 108:1505-8, 23 Jun 73

Prophylaxis of metastases formation by unspecific immunologic stimulation associated with heparintherapy. Kiricuta I, et al. **Cancer** 31:1392-6, Jun 73

The role of heparin in the chemotherapy of solid tumors: preliminary clinical trial in carcinoma of the lung. Elias EG, et al. **Cancer Chemother Rep** 56:783-5, Dec 72

Comparison of the action of heparin and streptokinase on experimental pulmonary emboli in the dog. Vellar ID, et al. **Cardiovasc Res** 6:734-40, Nov 72

Recurrent pulmonary embolus after insertion of intracaval prosthesis. DiBenedetto RJ, et al. **Chest** 63:1021-3, Jun 73

Current status of prolonged extracorporeal membrane oxygenation for acute respiratory failure. Lefrak EA, et al. **Chest** 63:773-82, May 73 (92 ref.)

"Shock lung" syndrome following diabetic ketoacidosis; treatment with heparin. Pleet AB. **Chest** 63:434-6, Mar 73

Pulmonary hemorrhage syndrome as a manifestation of disseminated intravascular coagulation: analysis of ten cases. Robboy SJ, et al. **Chest** 63:718-21, May 73

The treatment of pulmonary embolism. **Chest** 63:1006-11, Jun 73

Intraaortic balloon pumping for control of recurrent myocardial ischemia. Gold HK, et al. **Circulation** 47:1197-203, Jun 73

Local anticoagulation of prosthetic heart valves. Schwartz ML, et al. **Circulation** 48:Suppl 3:85-9, Jul 73

Theory and practice of minidose heparin in surgical patients. A status report. Wessler S, et al. **Circulation** 47:671-6, Apr 73 (30 ref.)

The urokinase pulmonary embolism trial. A national cooperative study. **Circulation** 47:Suppl 2:1-108, Apr 73

The hemorrhagic phenomena associated with green pit viper (Trimeresurus erythrurus and Trimeresurus popeorum) bites in children. A report of studies to elucidate their pathogenesis. Mitrakul C, et al. **Clin Pediatr (Phila)** 12:215-8, Apr 73

Use of a "heparin lock" in the intermittent administration of intravenous drugs. A technical advance in intravenous therapy. Stern RC, et al. **Clin Pediatr (Phila)** 11:521-3, Sep 72

Low-dose subcutaneous heparin in prevention of deep-vein thrombosis. **Drug Ther Bull** 10:89-91, 10 Nov 72

Low-dose heparin prophylaxis of postoperative venous thrombosis: preparations and costs. **Drug Ther Bull** 10:100, 8 Dec 72

The effect of heparin on the initial phase of metastasis formation. Hilgard P, et al. **Eur J Cancer** 8:347-52, Jun 72

Lipoprotein-lipase modifications in subjects treated with a synthetic, heparin-like polyanion (SP 54). Frandoli G, et al. **Farmaco [Prat]** 27:514-8, Sep 72

Pulmonary embolism in the aged. Bloomfield DA. **Geriatrics** 28:126-31, Oct 73

Recognizing and reacting to recurrent pulmonary embolism. Genton E. **Geriatrics** 28:84-8, Mar 73

Prevention of deep vein thrombosis. Nicolaides AN. **Geriatrics** 28:69-77, Feb 73

The high incidence of thromboembolism: prevention and action. Rubenstein E. **Geriatrics** 28:116-21, Apr 73

Hepatic damage from overdose of paracetamol. Thompson RP, et al. **Gut** 13:836, Oct 72

Heparin in migraine headache. Thonnard-Neumann E. **Headache** 13:49-64, Jul 73 (97 ref.)

Purpura fulminans following varicella. Report of a case with recovery after heparin therapy. De Koning J, et al. **Helv Paediatr Acta** 27:177-85, Jun 72

Gangrene of lower extremities in a newborn infant associated with intravascular coagulation (recession of gangrene after heparin therapy). Manios SG, et al. **Helv Paediatr Acta** 27:187-92, Jun 72

Coagulation studies and streptokinase therapy in the haemolytic-uraemic syndrome. Monnens L, et al. **Helv Paediatr Acta** 27:45-54, Apr 72

Disseminated intravascular coagulation complicating chickenpox. Naveh Y, et al. **Helv Paediatr Acta** 27:193-6, Jun 72

The electro-encephalogram in patients with post-traumatic fat embolism. Hansen OH, et al. **Injury** 4:61-4, Aug 72

Successful treatment of Candida septicaemia in severely burned patients with a new antimycotic, clotrimazole (Bay b 5097). Liljedahl SO, et al. **Injury** 4:157-63, Nov 72

Protective value of heparin in hyperacute rejection of renal allografts in presensitized dogs. Belell OM, et al. **Invest Urol** 10:318-26, Jan 73

The disseminated intravascular coagulation syndrome: discussion. Ir **J Med Sci** Suppl:87-96, May 73

Thrombophlebitis following knee surgery. Cohen SH, et al. **J Bone Joint Surg [Am]** 55:106-12, Jan 73

Purpura fulminans. Urbaniak JR, et al. **J Bone Joint Surg [Am]** 55:69-77, Jan 73

Experimental bridging of osseous defects in rats by the implantation of Kiel bone containing fresh autologous marrow. Plenk H Jr, et al. **J Bone Joint Surg [Br]** 54:735-43, Nov 72

Results of vena cava ligation. Cranley JJ, et al. **J Cardiovasc Surg (Torino)** 13:403-8, Sep-Oct 72

Arterial embolectomy: role of anticoagulants and arteriography. Thomas TV. **J Cardiovasc Surg (Torino)** 13:584-93, Nov-Dec 72

Radiographic, haemodynamic and biochemical findings related to the National Heart and Lung Institute's urokinase pulmonary embolism trial. Johnson AJ, et al. **J Clin Pathol** 25:646, Jul 72

Treatment of chronic arterial occlusions with streptokinase. Poliwoda H. **J Clin Pathol** 25:642-3, Jul 72

The partial thromboplastin (cephalin) time test. Poller L, et al. **J Clin Pathol** 25:1038-44, Dec 72

Intravascular coagulation and E. coli septicaemia. Preston FE, et al. **J Clin Pathol** 26:120-5, Feb 73

Thrombolytic properties and side effects of brinase (fibrinolytic enzyme from Aspergillus oryzae) in the dog. Roschlau WH. **J Clin Pathol** 25:635-6, Jul 72

Thrombolytic treatment of pulmonary embolism. Verstraete M. **J Clin Pathol** 25:645, Jul 72

Heparin resistance in relation to hyperlipidemia and hypercoagulability in atherosclerotic diabetics and non-diabetics. Higazi AM, et al. **J Egypt Med Assoc** 55:577-94, 1972

Acute barbiturate intoxication. Rationale of management and report of a case treated by forced alkaline diuresis. Nooman ZM, et al. **J Egypt Med Assoc** 54:729-43, 1971

Cardiac transplantation. Immunosuppressive role of anticoagulation. Crosby IK, et al. **J Kans Med Soc** 74:226-7 passim, Jun 73

Transluminal popliteal artery dilatation. Bean WJ, et al. **J La State Med Soc** 125:91-2, Mar 73

Primary mesenteric infarction. Jordan WE Jr. **J Maine Med Assoc** 64:69-71, Apr 73

Use of low dose heparin in preventing venous thrombosis. Blumenthal JB. **J Med Assoc Ga** 62:239-40, Jun 73

Disseminated intravascular coagulation associated with massive brain injury. Keimowitz RM, et al. **J Neurosurg** 39:178-80, Aug 73

Disseminated intravascular coagulation. Kamel K, et al. **J Oral Surg** 31:95-7, Feb 73

Combined thrombolytic and Dotter treatment in arterial occlusive disease. Ele H, et al. **J Oslo City Hosp** 22:141-8, Sep-Oct 72

Waterhouse Friderichsen syndrome. Endotoxin shock

treated with massive doses of cortisol. Haslund R. **J Oslo City Hosp** 23:49-64, Mar 73

Meningococcal purpura: report of 19 patients treated with heparin. Gérard P, et al. **J Pediatr** 82:780-6, May 73

Heparin therapy in acute meningococcemia. Hathaway WE. **J Pediatr** 82:900-1, May 73

Circulating fibrin in meningococcemia. Kisker CT, et al. **J Pediatr** 82:787-91, May 73

The value of collaboration: the California model. Lieberman E. **J Pediatr** 82:363-4, Feb 73

Disseminated intravascular coagulation in a newborn infant with Listeria sepsis. Miller R, et al. **J Pediatr** 83:640-2, Oct 73

Comsumptive coagulopathy with renal vein thrombosis. Renfield ML, et al. **J Pediatr** 82:1054-6, Jun 73

The hemolytic-uremic syndrome in California: a review of 28 nonheparinized cases with long-term follow-up. Tune BM, et al. **J Pediatr** 82:304-10, Feb 73

Heparin therapy in the hemolytic-uremic syndrome. Vitacco M, et al. **J Pediatr** 83:271-5, Aug 73

An approach to acquired coagulation problems in the neonatal surgical patient. Asch MJ, et al. **J Pediatr Surg** 8:227-34, Apr 73

Chemistry and pharmacology of heparin. Ehrlich J, et al. **J Pharm Sci** 62:517-44, Apr 73 (626 ref.)

The Waterhouse-Friderichsen syndrome and its orthopaedic consequences. Hampton TR, et al. **J R Nav Med Serv** 58:95-103, Summer 72

Heparin: help or hindrance? A commentary and review. Broders AC 3d, et al. **J Reprod Med** 10:269-71, Jun 73

Hematologic problems in pregnancy. II. Thrombotic (thrombohemolytic) thrombocytopenia purpura. Moon EC, et al. **J Reprod Med** 9:212-21, Nov 72

Increasing the efficiency of cancer chemotherapy with heparin: "clinical study". Elias EG, et al. **J Surg Oncol** 5:189-93, 1973

Heparin treatment of live Escherichia coli bacteremia in rats. Horwitz DL, et al. **J Surg Res** 13:120-5, Sep 72

Disseminated intravascular coagulation following extracorporeal circulation. Boyd AD, et al. **J Thorac Cardiovasc Surg** 64:685-93, Nov 72

Morphology of blood-surface interaction on intra-aortic balloons. An analysis of clinical and experimental specimens by scanning electron microscopy. Schoen FJ, et al. **J Thorac Cardiovasc Surg** 65:304-14, Feb 73

Disseminated intravascular coagulation in burned patients. McManus WF, et al. **J Trauma** 13:416-22, May 73

Autotransfusion: perspective and critical problems. Rakower SR, et al. **J Trauma** 13:573-4, Jun 73

Central venous thrombosis: a hazard of medical progress. Warden GD, et al. **J Trauma** 13:620-6, Jul 73

Conservative management of renal artery embolus. Moyer JD, et al. **J Urol** 109:138-43, Feb 73

Disseminated intravascular coagulation: diagnosis and treatment of a hemorrhagic diathesis after prostatectomy. Pickens RL, et al. **J Urol** 108:951-3, Dec 72

Pneumonia and pulmonary infarction in sickle cell anemia. Barrett-Connor E. **JAMA** 224:997-1000, 14 May 73

Anticoagulant therapy after acute myocardial infarction. Relation of therapeutic benefit to patient's age, sex, and severity of infarction. Drapkin A, et al. **JAMA** 222:541-8, 30 Oct 72

Thromboembolism after total hip reconstruction. Failure of low doses of heparin in prevention. Evarts CM, et al. **JAMA** 225:515-6, 30 Jul 73

Activated coagulation time as screening test. Hattersley PG. **JAMA** 222:583-4, 30 Oct 72

Thrombophlebitis with diazepam used intravenously. Langdon DE, et al. **JAMA** 223:184-5, 8 Jan 73

Reflections on new treatments for burns--caveat legor. Moore FD. **JAMA** 225:294-5, 16 Jul 73

Large burns in humans. Treatment with heparin. Saliba MJ Jr, et al. **JAMA** 225:261-9, 16 Jul 73

Heparin treatment of uremic itching. Yatzidis H, et al. **JAMA** 222:1183, 27 Nov 72

Anticoagulants in acute myocardial infarction. Results of a cooperative clinical trial. **JAMA** 225:724-9, 13 Aug 73

Coagulation and renal disease. Kincaid-Smith P. **Kidney Int** 2:183-90, Oct 72 (99 ref.)

Renal-vein thrombosis in kidney allografts. Arruda JA, et al. **Lancet** 2:585-6, 15 Sep 73

Incorporation of 125 I-labelled fibrinogen into coronary arterial thrombi in acute myocardial infarction in man. Erhardt LR, et al. **Lancet** 1:387-90, 24 Feb 73

Low-dose heparin after myocardial infarction. Handley AJ. **Lancet** 2:623-4, 23 Sep 72

Heparin therapy in simian Plasmodium knowlesi malaria. Howard WA, et al. **Lancet** 2:738-9, 7 Oct 72

Rapid latex-screening test for detection of fibrin-fibrinogen degradation products in urine after renal transplantation. Hulme B, et al. **Lancet** 1:6-8, 6 Jan 73

Short and frequent dialysis versus regional heparinisation. Iaina A, et al. **Lancet** 2:1092, 18 Nov 72

Reduced pulmonary arterial compliance in hypertensive pregnancy. Littler WA, et al. **Lancet** 1:1274-8, 9 Jun 73

Small doses of subcutaneous heparin and postoperative deep venous thrombosis. Poole-Wilson PA. **Lancet** 2:1089, 18 Nov 72

Subcutaneous heparin and postoperative thrombosis. Rosswick RP. **Lancet** 813:1181, 23 May 73

Subcutaneous heparin and postoperative thrombosis. Rosswick RP. **Lancet** 1:1181, 26 May 73

Efficacy of heparin. Sharnoff JG. **Lancet** 1:258, 3 Feb 73

Should we stand all day? **Lancet** 2:81, 14 Jul 73

Urokinase in pulmonary embolism. **Lancet** 1:1427-8, 23 Jun 73

Pre-hospital management of acute myocardial infarction. Paul O. **Med Clin North Am** 57:119-24, Jan 73

Fatalities due to the weed-killer paraquat. Harrison LC, et al. **Med J Aust** 2:774-7, 30 Sep 72

Duration of anticoagulant therapy in venous thrombo--embolism. O'Sullivan EF. **Med J Aust** 2:1104-7, 11 Nov 72

Abnormal bleeding after prostatectomy: illustrative cases and review of management. O'Sullivan EF, et al. **Med J Aust** 2:1165-9, 18 Nov 72

The use of anticoagulants in the prevention of venous thrombosis after myocardial infarction. Pussell BA, et al. **Med J Aust** 2:1101-3, 11 Nov 72

Surgical techniques in infancy: hypothermia, bypass and postoperative care. Shirotani H, et al. **Med J Aust** 2:Suppl:29-32, 12 Aug 72

Superior mesenteric artery embolism. Vellar ID, et al. **Med J Aust** 1:801-3, 21 Apr 73

Bleeding after snakebite. **Med J Aust** 1:322-3, 17 Feb 73

Anticoagulants in thromboembolism. **Med J Aust** 2:1097-8, 11 Nov 72

Low-dose heparin prophylaxis of deep-vein thrombosis. **Med Lett Drugs Ther** 15:35, 13 Apr 73

Endotoxin shock in infants and children. Sonnenschein H. **Med Trial Tech Q** 19:134-43, Fall 72

Hemorrhagic thrombocythemia. A case study. Andrushkiw R, et al. **Mich Med** 71:861-4, Oct 72

Disseminated intravascular coagulation. Barrocas A. **Milit Med** 138:9-13, Jan 73

The mechanisms of venous thrombosis. Anticoagulants, aspirin, and heparin. O'Brien JR. **Mod Concepts Cardiovasc Dis** 42:11-5, Mar 73 (14 ref.)

Small subcutaneous doses of heparin in prevention of venous thrombosis. Gallus AS, et al. **N Engl J Med** 288:545-51, 15 Mar 73

Heparin for common-duct stone. Gardner B. **N Engl J Med** 289:592, 13 Sep 73

Deep vein thrombosis and pulmonary embolism in congenital factor VII deficiency. Gershwin ME, et al. **N Engl J Med** 288:141-2, 18 Jan 73

Heparin therapy. Gieske JC. **N Engl J Med** 287:1102, 23 Nov 72

Heparin treatment of common-duct stone. McCombs PR, et al. **N Engl J Med** 289:106, 12 Jul 73

Subcutaneous heparin to prevent venous thrombosis. Martin L. **N Engl J Med** 288:1245, 7 Jun 73

Standardized methods for heparin therapy. Soloway HB. **N Engl J Med** 289:429-30, 23 Aug 73

Prophylaxis of thromboembolism. Stock SL. **N Engl J Med** 289:218, 26 Jul 73

Systemic heparinization for femoral percutaneous coronary arteriography. Walker WJ, et al. **N Engl J Med** 288:826-8, 19 Apr 73

Prophylactic anticoagulant therapy in the prevention of calf-vein thrombosis after myocardial infarction. Wray R, et al. **N Engl J Med** 288:815-7, 19 Apr 73

Venous thromboembolism. **N Engl J Med** 287:1200-2, 7 Dec 72

Heparinization of patients undergoing coronary arteriography. **N Engl J Med** 289:105-6, 12 Jul 73

Prevention and management of venous thrombosis and pulmonary embolism. Mandel SR, et al. **NC Med J** 34:114-9, Feb 73 (43 ref.)

Accidental arterial injections of amphetamines. Report of a case. Shuey DA, et al. **Nebr Med J** 58:228-30, Jul 73

The effect of long term high dose heparin treatment on the course of chronic proliferative glomerulonephritis. Cade JR, et al. **Nephron** 8:67-80, 1971

Comparison of azathioprine, prednisone, and heparin alone or combined in treating lupus nephritis. Cade R, et al. **Nephron** 10:37-56, 1973

Wegener's granulomatosis. Treatment with heparin in addition to azathioprine and corticosteroids. Fuller T, et al. **Nephron** 9:225-34, 1972

Renal disease following prophylactic inoculation. Joekes AM, et al. **Nephron** 9:162-70, 1973

Impaired microvascular filling after focal cerebral ischemia in the monkey. Modification by treatment. Crowell RM, et al. **Neurology (Minneap)** 22:500-4, May 72

Symposium on current surgical nursing: the fat embolism syndrome. Law J. **Nurs Clin North Am** 8:191-8, Mar 73 (27 ref.)

Pharmacology of anticoagulants. Quick AJ. **NY State J Med** 73:1647-51, 15 Jun 73

Ovarian hemorrhage complicating anticoagulant therapy. Manny J, et al. **Obstet Gynecol** 41:512-4, Apr 73

Acquired coagulation disorders in children. McMillan CW, et al. **Pediatr Clin North Am** 19:1029-45, Nov 72

Anticoagulants: a guide for practitioners. Kingdon HS. **Postgrad Med** 54:88-92 contd, Jul 73

Advances in medicine. McNicol GP, et al. **Practitioner** 209:411-23, Oct 72 (52 ref.)

Intravascular coagulation--acute and chronic--disseminated and local. McKay DG. **Proc Inst Med Chic** 29:159-71, Sep 72 (29 ref.)

The use of heparin in meningococcal disease. Oberholzer D, et al. **Proc Mine Med Off Assoc** 51:25-31, Jan-Apr 72

The effect of drugs on immunological renal disease. Clarkson AR, et al. **Prog Biochem Pharmacol** 7:427-51, 1972 (104 ref.)

Fat embolism--some clinical observations and a review of controversial aspects. Benatar SR, et al. **Q J Med** 41:85-98, Jan 72

Embolic occlusion of the renal artery following arteriography. Successful management. McConnell RW, et al. **Radiology** 107:273-4, May 73

Intravascular coagulation and heparin therapy in acute renal failure: a reappraisal. Kleinknecht D, et al. **Rev Eur Etud Clin Biol** 17:695-700, Aug-Sep 72

Septic abortion and septic shock. Botes M. **S Afr Med J** 47:432-5, 10 Mar 73

Successful pregnancy after aortic and mitral valve replacements. Kanarek KS, et al. **S Afr Med J** 47:1373-4, 4 Aug 73

Disseminated intravascular coagulation in acute alcoholic liver disease. MacMahon AG. **S Afr Med J** 47:227-8, 10 Feb 73

Purpura fulminans and disseminated intravascular coagulation. A report of 5 cases in childhood. Rainier-Pope CR. **S Afr Med J** 47:1420-2, 11 Aug 73

A serial dilution protamine sulphate test for detecting fibrin degradation products. Schorn D. **S Afr Med J** 47:263-5, 17 Feb 73

Diffuse intravascular coagulation in meningococcaemia. A case report. Schorn D. **S Afr Med J** 47:225-6, 10 Feb 73

Recent advances in venous thrombo-embolism. A review article. Sobel JD. **S Afr Med J** 47:1197-202, 14 Jul 73 (53 ref.)

Coagulation abnormalities in acute liver failure; pathogenetic and therapeutic implications. Clark R, et al. **Scand J Gastroenterol [Suppl]** 19:63-70, 1973

The relevance of blood clotting tests in chronic aggressive hepatitis. Coccheri S, et al. **Scand J Gastroenterol [Suppl]** 19:97-101, 1973

Heparin therapy in the case of acute liver cirrhosis. Fischer M, et al. **Scand J Gastroenterol [Suppl]** 19:135-8, 1973

Fibrinaemia and multiple thrombi in pancreatic carcinoma. A case studied with quantitative N-terminal analysis. Kierulf P, et al. **Scand J Haematol** 9:370-6, 1972

Encapsulation of the Björk-Shiley aortic disc valve prosthesis caused by the lack of anticoagulant treatment. Björk VO, et al. **Scand J Thorac Cardiovasc Surg** 7:17-20, 1973

Low thrombotest values in active thrombosis. Ro JS, et al. **Scand J Thorac Cardiovasc Surg** 6:269-73, 1972

In situ vein bypass. Experiences with new vein valve strippers. Skagseth E, et al. **Scand J Thorac Cardiovasc Surg** 7:53-8, 1973

Chronic intravascular coagulation syndrome associated with atherosclerotic aortic aneurysm. Schnetzer GW 3d, et al. **South Med J** 66:264-8, Feb 73

Special problems in the use of heparin for thromboembolism. Lewis MR, et al. **Surg Gynecol Obstet** 137:472-4, Sep 73

Recurrence of venous thromboembolism. Coon WW, et al. **Surgery** 73:823-7, Jun 73

Impedance phlebography: a correlation with lower limb venography in the diagnosis of deep vein thrombosis. Harris WH, et al. **Surgery** 74:385-9, Sep 73

Heparin-induced elevation of free fatty acids in diabetic patients. Kongtahworn C, et al. **Surgery** 74:30-3, Jul 73

Utility of anticoagulant drugs in vascular thrombosis: electron microscopic and biophysical study. Sawyer PN, et al. **Surgery** 74:263-75, Aug 73

Reduction of blood loss by restoration of platelet levels using fresh autologous blood after cardiopulmonary bypass. Wagstaffe JG, et al. **Thorax** 27:410-4, Jul 72

Exotic snakebite in an urban setting: heparin therapy of disseminated intravascular coagulation in a patient bitten by a saw-scaled viper (Echis carinatus). Christy NP, et al. **Trans Am Clin Climatol Assoc** 84:37-48, 1973

Ischaemia. Eastcott HH. **Trans Med Soc Lond** 87:134-48, 1971

A standard technique for procurement of cadaver donor organs. Lee HM, et al. **Transplant Proc** 4:583-4, Dec 72

A controlled trial antilymphocyte globulin therapy (ALG) in man. Shell AG, et al. **Transplant Proc** 4:501-5, Dec 72

Anuria in the recipient. Smith MJ. **Transplant Proc** 4:651-3, Dec 72

Hyperacute and acute fulminating rejection of human renal allografts. Williams GM, et al. **Transplant Proc** 4:665-7, Dec 72

Hyperacute renal allograft rejection in the rabbit. Passive transfer, specificity, and prevention. Ueno A, et al. **Transplantation** 14:574-81, Nov 72

[Blockage of the superior mesenteric artery] Lion-Cachet J. **S Afr Med J** 46:1277-8, 9 Sep 72 (Afr)

[Long-term heparinization in the treatment of chronic renal failure with intermittent hemodialysis] Kiriakov Z, et al. **Khirurgiia (Sofiia)** 25:357-9, 1972 (Eng. Abstr.) (Bul)

[Experience in treating diabetic retinopathy with heparin] Bozadzhieva E, et al. **Vutr Boles** 12:117-23, 1973 (Eng. Abstr.) (Bul)

[Lipoatrophic diabetes. A case description] Bozhadzhieva E, et al. **Vutr Boles** 12:130-3, 1973 (Bul)

[Disseminated intravascular coagulation] Wang FY, et al. **Chin Med J** 5:309-15, 1973 (13 ref.) (Chi)

[Hemolytic-uremic syndrome] Wijffels JC. **Ned Tijdschr Geneeskd** 116:1735-42, 23 Sep 72 (51 ref.) (Dut)

[Disseminated intravascular coagulation (DIC). II. Spontaneous DIC in dogs] Slappendel RJ, et al. **Tijdschr Diergeneeskd** 98:615-31, 1 Jul 73 (Dut)

[Peroperative bleeding in polycythemic patients] Bossy S, et al. **Anesth Analg (Paris)** 29:341-6, May-Jun 72 (Fre)

[The place of heparin therapy in the prevention of rejection following heart transplantation. Experimental and clinical study. Anatomopathology] Baille Y, et al. **Ann Chir Thorac Cardiovasc** 11:315-20, Sep 72 (Eng. Abstr.) (Fre)

[Typhoid, pregnancy and disseminated intravascular coagulation] Bétourne C, et al. **Ann Med Interne (Paris)** 123:671-4, Jun-Jul 72 (Fre)

[Massive pulmonary embolism during bacillary tuberculous pneumonia. Remarkable effects of streptokinase] Ruillère R, et al. **Ann Med Interne (Paris)** 124:239-46, Mar 73 (Fre)

[Respiratory distress without hypercapnia (apropos of 17 cases)] Sanchez A, et al. **Ann Med Interne (Paris)** 123:659-64, Jun-Jul 72 (Fre)

[Human infections due to Ristella pseudoinsolita. Clinical and bacteriological study] Zechovsky N, et al. **Ann Med Interne (Paris)** 123:323-30, Apr 72 (Eng. Abstr.) (Fre)

[Treatment of coronary thrombosis with streptokinase] Tricot R, et al. **Arch Mal Coeur** 66:661-71, May 73 (Eng. Abstr.) (Fre)

[Postpartum hemorrhage caused by acute defibrination treated by exchange transfusion and heparin therapy] Morin P, et al. **Bull Fed Soc Gynecol Obstet Lang Fr** 23:557-8, Nov-Dec 71 (Fre)

[A rare complication of anticoagulant therapy: hematoma of the bladder wall] Larrieu H, et al. **Bull Mem Soc Chir Paris** 62:350-6, Dec 72 (Fre)

[Drug therapy of diabetic retinopathy. First results obtained with 2 recent products: daflon (Servier lab.) and diabtyl (Stago lab)] Boudet, et al. **Bull Soc Ophtalmol Fr** 72:765-76, Jul-Aug 72 (Fre)

[Practical procedure of heparin therapy in recently operated and multi-injured patients] Lareng L, et al. **Cah Anesthesiol** 20:503-6, Jul-Sep 72 (Fre)

[Thrombolytic treatment of severe pulmonary emboli] Plot JC, et al. **Cah Med** 14:357-60, May 73 (Fre)

[Critical reflections on treatment of lupic nephropathy: comparative study of the action of corticoids, synthetic antimalarial-indomethacin combination and heparin] Conte J, et al. **J Urol Nephrol (Paris)** 79:332-50, Apr-May 73 (Fre)

[Experimental approach to the pathogenesis of systemic lupus erythematosus] Lambert PH, et al. **J Urol Nephrol (Paris)** 78:973-80, Dec 72 (Fre)

[Our attitude in the prevention of venous thromboosis in urinary surgery] Lhez A, et al. **J Urol Nephrol (Paris)** 79:120-3, Jan-Feb 73 (Fre)

[The use of acenocoumarol in obstetrical gynecology] Crepin G. **Lille Med** 16:Suppl 1:230-3, Jan 71 (Fre)

[Intra-arterial infusion under hyperbaric oxygen therapy in treatment of arteriopathy] Fredenucci P, et al. **Maroc Med** 52:450-1, Jul 72 (Fre)

[Medical treatment of acute pancreatitis] Hureau J. **Med Chir Dig** 2:25-30, 1973 (Eng. Abstr.) (Fre)

[Dissecting aneurysm of the aorta causing consumption coagulopathy] Fendler JP, et al. **Nouv Presse Med** 2:971-4, 14 Apr 73 (Eng. Abstr.) (Fre)

[Long term heparinotherapy and osteoporosis] Kher A, et al. **Nouv Presse Med** 2:1585-7, 9 Jun 73 (Fre)

[Intravascular coagulation. Its role in renal pathology] Kleinknecht D, et al. **Nouv Presse Med** 2:925-8, 7 Apr 73 (Fre)

[Is the clotting time still useful?] Lacassie F. **Nouv Presse Med** 2:413-4, 17 Feb 73 (Fre)

[Ovarian cancer with diffuse vascular thrombosis. Endocardial, arterial and venous involvement. Disseminated intravascular coagulation with cryofibrinogen] Michel D, et al. **Nouv Presse Med** 1:2753-8, 18 Nov 72 (Fre)

[Hiatal hernia and thromboembolic disease] Raby C, et al. **Nouv Presse Med** 2:1987-8, 1 Sep 73 (Fre)

[Thrombosis of venous sutures by endoluminal catheter. Technic of prevention] Raso AM, et al. **Nouv Presse Med** 2:1077-8, Apr 73 (Fre)

[Minimum consumption coagulopathies with normal or raised fibrinogen level] Salvatori JM, et al. **Nouv Presse Med** 2:512, 24 Feb 73 (Fre)

[Peroperative coagulopathy. Its prophylaxis, by lavage-aspiration and peroperative heparin therapy] Setbon L. **Nouv Presse Med** 2:442, 17 Feb 73 (Fre)

[Phlebographic control of treatment of deep venous thrombosis] Goldstein M. **Phlebologie** 25:299-307, Jul-Sep 72 (Eng. Abstr.) (Fre)

[Anticoagulants in old age] Sprung O. **Phlebologie** 26:61-4, Jan-Mar 73 (Fre)

[Principles, limits, and modalities of application of classical anticoagulants] Vergoz D. **Phlebologie** 26:105-7, Jan-Mar 73 (Fre)

[Transfusion accident due to ABO incompatibility. Heparin treatment] Pire JC, et al. **Rev Fr Transfus** 15:331-5, Dec 72 (Eng. Abstr.) (Fre)

[Transfusion accident due to ABO incompatibility. Heparin therapy] Pire JC, et al. **Rev Fr Transfus** 15:331-5, Sep 72 (Eng. Abstr.) (Fre)

[Is all chronic neurosensory deafness irreversible?] Sala O, et al. **Rev Laryngol Otol Rhinol (Bord)** 93:513-22, Sep-Oct 72 (Eng. Abstr.) (Fre)

[Intravascular coagulation and nephropathies] Kanfer A, et al. **Rev Prat** 22:2389-401, 21 May 72 (Fre)

[Prostate cancer and disseminated intravascular blood coagulation] Durand H, et al. **Sem Hop Paris** 49:199-208, 14 Jan 73 (Eng. Abstr.) (Fre)

[Progressive thrombosis of portal system in the course of non-alcoholic cirrhosis] Durand H, et al. **Sem Hop Paris** 49:213-6, 14 Jan 73 (Eng. Abstr.) (Fre)

[A case of embolic subacute cor pulmonale] Rochemaure J, et al. **Sem Hop Paris** 49:209-12, 14 Jan 73 (Eng. Abstr.) (Fre)

[Thrombolysis] Marcel GA. **Therapeutique** 48:591-3, Nov 72 (Fre)

[Current treatment of disseminated intravascular coagulation] Bernier G. **Union Med Can** 102:1049-54, May 73 (Eng. Abstr.) (Fre)

[Drug therapy in rectal diseases] Teller H. **Arch Dermatol Forsch** 244:385-90, 1972 (Ger)

[Plasma phosphatide pattern in arteriosclerosis] Kunz F, et al. **Arzneim Forsch** 22:1825-31, Oct 72 (Eng. Abstr.) (Ger)

[Free fatty acids in the plasma during the early phase following myocardial infarction] Ravens KG, et al. **Arzneim Forsch** 22:1831-3, Oct 72 (Eng. Abstr.) (Ger)

[Hemolytic-uremic syndrome in the adult] Schulz K, et al. **Dtsch Gesundheitsw** 27:2070-4, 2 Nov 72 (Eng. Abstr.) (Ger)

[Short-term fibrinolytic treatment in acute myocardial infarction] Breddin K, et al. **Dtsch Med Wochenschr** 98:861-73, 27 Apr 73 (Eng. Abstr.) (Ger)

[Intraoperative injuries of the carotid arteries and their surgical correction] Flora G, et al. **Dtsch Med Wochenschr** 98:716-9, 11 May 73 (Eng. Abstr.) (Ger)

[Budd-Chiari syndrome after taking contraceptive drugs] Goebell H, et al. **Dtsch Med Wochenschr** 97:1701-4, 3 Nov 72 (Eng. Abstr.) (Ger)

[Monitoring of heparin therapy in thromboembolism] Hiller E. **Dtsch Med Wochenschr** 98:1367-70, Jul 73 (Eng. Abstr.) (Ger)

[Hemolytic-uremic syndrome in adults] Lohrmann HP, et al. **Dtsch Med Wochenschr** 98:54-61, 12 Jan 73 (Eng. Abstr.) (Ger)

[Hemorrhagic heart infarctions] Lübcke P. **Dtsch Med Wochenschr** 97:1473-4, 29 Sep 72 (Ger)

[Effect of acteylsalicylic acid on early results following percutaneous recanalisation of arterial occlusions (Dotter's method)] Zeitler E, et al. **Dtsch Med Wochenschr** 98:1285-8, 29 Jun 73 (Eng. Abstr.) (Ger)

[Hemolytic-uremic syndrome] Lehnert U, et al. **Folia Haematol (Leipz)** 99:39-48, 1973 (Eng. Abstr.) (Ger)

[Can local medication promote the resorption of hematomas?] Arnold M, et al. **Fortschr Med** 91:346-50, 15 Mar 73 (Ger)

[Experimental glomerulonephritis. Therapeutic studies with heparin and cyclophosphamide] Emmrich P. **Fortschr Med** 90:1193-7, 16 Nov 72 (Ger)

[Pulmonary embolism] Zeilhofer R, et al. **Fortschr Med** 90:700-2 passim, 15 Jun 72 (Ger)

[Experience with the administration of heparin for the prevention of the Sanarelli-Shwartzman reaction (SSP) in cases of septic abortions] Koch HH, et al. **Geburtshilfe Frauenheilkd** 33:460-3, Jun 73 (Eng. Abstr.) (Ger)

[Disseminated intravascular coagulation due to shock and its treatment with heparin] Hörder MH, et al. **Helv Chir Acta** 39:585-8, Dec 72 (Ger)

[Treatment of coumarine necrosis] Leiber G, et al. **Internist (Berlin)** 13:340-1, Aug 72 (Ger)

[Nicolau's syndrome following benzathine penicillin. A survey based on 5 own cases] Domula M, et al. **Kinderaerztl Prax** 40:437-48, Oct 72 (Ger)

[Shock treatment in the severely injured] Dohmen M. **Langenbecks Arch Chir** 329:503-9, Dec 71 (Eng. Abstr.) (Ger)

[Postoperative thromboembolic complications] Encke A. **Langenbecks Arch Chir** 332:767-74, 1972 (Eng. Abstr.) (Ger)

[Pulmonary complications] Wiemers K, et al. **Langenbecks Arch Chir** 332:537-43, 1972 (Eng. Abstr.) (Ger)

[Effect of heparin on the metastasis of inoculated tumor in rats] Yamaguchi S. **Med J Osaka Univ** 23:31-9, Sep 72 (Eng. Abstr.) (Ger)

[Diagnosis and therapy of blood coagulation disorders in obstetrics and gynecology] Felder KD. **Med Klin** 67:1220-6, 22 Sep 72 (Ger)

[Diagnosis and therapy of acute renal phlebothrombosis] Schulze-Bergmann G. **Med Klin** 68:623-8, 11 May 73 (Eng. Abstr.) (Ger)

[Prophylaxis of thrombosis with Calciparin] Erichsen J. **Med Welt** 23:1361-2, 23 Sep 72 (Ger)

[Trasylol in the shock therapy. Its effects and their interpretation] Haberland GL, et al. **Med Welt** 23:1049-56, 5 Aug 72 (Ger)

[Lymphedema and thrombosis in the leg as result of treatment of a collum carcinoma. Therapy and prognosis] Kidess E, et al.
Med Welt 23:1936-8, 16 Dec 72 (Ger)

[Prophylaxis and therapy of thrombotic diseases with subcutaneous heparin therapy] Tilsner V.
Med Welt 23:1553-6, 21 Oct 72 (Ger)

[Behavior of placental lactogen level in serum and estradiol excretion in pregnant women under the treatment for EPH (edema, proteinuria, hypertension) gestosis with heparin and complamin] Weber H, et al. **Med Welt** 23:1948-51, 16 Dec 72 (Ger)

[A so-called coumarin necrosis in a child] Koch H, et al.
Monatsschr Kinderheilkd 121:68-71, Feb 73 (Eng. Abstr.) (Ger)

[Local therapy of contusions using an analgetic and antiexsudative gel] Brünger H.
Munch Med Wochenschr 115:955-6, 18 May 73 (Ger)

[Acute kidney failure in gestosis] Linari F, et al.
Munch Med Wochenschr 114:1197-206, 23 Jun 72 (Eng. Abstr.) (Ger)

[Treatment of cervical migraine with Venopyronum] Rahm E.
Munch Med Wochenschr 114:992-4, 19 May 72 (Ger)

[Fibrinolyte therapy of septicemic shock in infancy and childhood] Mitterstieler G, et al.
Paediatr Paedol 8:225-31, 1973 (Eng. Abstr.) (Ger)

[New possibilities in the prevention of thrombosis] Kummer H. **Praxis** 62:619-25, 15 May 73 (Ger)

[Radiologic diagnosis of ischemic heart disease] Romaniuk P, et al.
Radiol Diagn (Berl) 14:261-76, 1973 (Eng. Abstr.) (Ger)

[Pneumologic emergency cases] Keller R.
Schweiz Med Wochenschr 102:1353-60, 23 Sep 72 (Eng. Abstr.) (Ger)

[Significance of intravascular coagulation disease in postraumatic respiratory insufficiency. 1st experience with heparin treatment] Schamaun M, et al.
Schweiz Med Wochenschr 103:941-6, 30 Jun 73 (Eng. Abstr.) (Ger)

[Therapeutic fibrinolysis] Straub PW.
Schweiz Med Wochenschr 103:753-7, 19 May 73 (Eng. Abstr.) (Ger)

[Consumption coagulopathy in obstructive septic pyelonephritis] Skoluda D, et al.
Urologie [A] 12:21-4, Jan 73 (Eng. Abstr.) (Ger)

[Indications and results of thrombolytic therapy in internal carotid artery occlusions] Dahlmann W, et al.
Verh Dtsch Ges Inn Med 78:678-80, 1972 (Ger)

[Effect of heparin and xylocaine on the excretion of adrenaline and noradrenaline in patients with myocardial infarct] Gerdes H, et al.
Verh Dtsch Ges Inn Med 77:896-900, 1971 (Ger)

[Hemorrhagic diathesis in primary amyloidosis] Hey D, et al. **Verh Dtsch Ges Inn Med** 78:713-7, 1972 (Ger)

[Influence of therapeutic heparin doses on calcium and phosphate metabolism as an etiological factor of metastatic calcification in chronic hemodialysis] Korz R. **Verh Dtsch Ges Inn Med** 77:224-7, 1971 (Ger)

[Streptokinase therapy of fresh myocardial infarct. Results of a double blind study] Krzywanek HJ, et al.
Verh Dtsch Ges Inn Med 78:1042-4, 1972 (Ger)

[Experimental decompression sickness in rabbits. Coagulation changes and therapeutic influencing] Schimpf K, et al.
Verh Dtsch Ges Inn Med 77:1027-9, 1971 (Ger)

[Therapy of peripheral blood vessel obstruction]
Verh Dtsch Ges Inn Med 77:374-7, 1971 (Ger)

[A severe case of recurrent hepatogestosis] Brehm R, et al.
Wien Klin Wochenschr 24:811-3, 15 Dec 72 (Eng. Abstr.) (Ger)

[Diagnosis of the consumption coagulopathy] Fischer M.
Wien Klin Wochenschr 85:319-23, 4 May 73 (Eng. Abstr.) (Ger)

[Consumption coagulopathy in patients with Klippel-Trenaunay syndrome] Fischer M, et al.
Wien Klin Wochenschr 85:207-12, 30 Mar 73 (Eng. Abstr.) (Ger)

[Diagnosis and therapy of consumption coagulopathy] Lechner K.
Wien Klin Wochenschr 85:467-70, 29 Jun 73 (Eng. Abstr.) (Ger)

[Complications of catheter-angiography. Causes and treatment] Olbert F, et al.
Wien Med Wochenschr 123:293-8, 12 May 73 (Ger)

[Therapeutic experiences with Dolo-Menthoneuringel] Lotz H. **Z Allgemeinmed** 49:851-2, 20 Jun 73 (Ger)

[Drug therapy in geriatrics] Raffler E von.
Z Allgemeinmed 48:1142-8, 10 Sep 72 (Ger)

[Thromboembolic complications in pregnancy and during delivery] Ludwig H.
Z Geburtshilfe Perinatol 176:169-82, Jun 72 (47 ref.) (Eng. Abstr.) (Ger)

[Urgency and technic of thromboembolism prevention in surgery] Neef H, et al.
Zentralbl Chir 98:81-9, 19 Jan 73 (17 ref.) (Ger)

[Puerperal ovarian venous thrombosis] Nervia F, et al.
Zentralbl Gynaekol 14:1403-5, 21 Oct 72 (Ger)

[Disseminated intravascular coagulation] Amir J.
Harefuah 83:29-32, 2 Jul 72 (20 ref.) (Heb)

[Heparin in the treatment of acute experimental pancreatitis: histological and microangiographic study] Malchiodi C, et al.
Ateneo Parmense [Acta Biomed] 42:343-57, Jul-Aug 71 (Eng. Abstr.) (Ita)

[Thrombolytic therapy of acute myocardial infarct] De Giorgi E. **Minerva Cardioangiol** 20:663-6, Nov 72 (Ita)

[Therapy of secondary hyperaldosteronism] Werning C, et al. **Minerva Med** 64:664-6, 14 Mar 73 (Ita)

[Clinico-therapeutic considerations on 2 cases of hyperacute meningococcal sepsis] Berardi G, et al.
Minerva Pediatr 25:701-4, 28 Apr 73 (Ita)

[Consumption coagulopathy in respiratory insufficiency of the premature infant. Treatment with heparin] Console V, et al.
Minerva Pediatr 25:874-82, 1973 (Ita)

[Hemolytic-uremic syndrome and microangiopathic hemolytic anemia] Dacie JV.
Recent Prog Med (Roma) 54:1-22, Jan 73 (Eng. Abstr.) (Ita)

[Consumption coagulopathy in internal medicine] Kagami M.
Jap J Clin Hematol 13:177-85, Apr 72 (Eng. Abstr.) (Jap)

[Effects of heparin in consumption coagulopathy] Matsuda T, et al.
Jap J Clin Hematol 13:203-4, Apr 72 (Jap)

[Blood clotting and fibrinolysis disorders in acute pancreatitis] Gabryelewicz A.
Acta Haematol Pol 2:319-25, Oct-Dec 71 (Eng. Abstr.) (Pol)

[Blood coagulation and fibrinolysis disorders connected with open heart surgery using extracorporeal circulation] Palester-Chlebowczyk M, et al.
Acta Haematol Pol 2:163-8, Apr-Jun 71 (Eng. Abstr.) (Pol)

[Disseminated intravascular blood clotting in blood diseases] Uszyński L.
Acta Haematol Pol 2:253-7, Jul-Sep 71 (44 ref.) (Pol)

[Experimental intravascular blood clotting] Janda R.
Folia Med Cracov 14:335-456, 1972 (Eng. Abstr.) (Pol)

[Treatment of senile macular degeneration with heparin and bradilan] Jagoda M.
Klin Oczna 42:1255-8, 1972 (Eng. Abstr.) (Pol)

[Primary and secondary cor pulmonale syndrome of thromboembolic origin. Primary and secondary local intravascular coagulation syndrome with pulmonary localization] Dyk T, et al.
Pol Arch Med Wewn 50:807-14, Aug 73 (Eng. Abstr.) (Pol)

[Clinical aspects of disseminated intravascular coagulation in children] Myśliwiec B.
Pol Tyg Lek 28:67-70, 8 Jan 73 (23 ref.) (Pol)

[Streptokinase treatment of popliteal artery occlusion of several days' duration] Zola-Sl eczek E, et al.
Pol Tyg Lek 28:23-4, 1 Jan 73 (Eng. Abstr.) (Pol)

[Schedule for diagnostic-therapeutic management of hemorrhagic diathesis] Sulek K.
Wiad Lek 26:417-22, 1 Mar 73 (20 ref.) (Pol)

[Current data on diagnosis and treatment of thromboembolic states] Zosin P, et al.
Med Interna (Bucur) 24:947-58, Aug 72 (Eng. Abstr.) (Rum)

[Dosage and laboratory control in thrombolytic therapy with streptokinase] Donner L.
Kardiologiia 12:36-9, Nov 72 (Eng. Abstr.) (Rus)

[Types of hyperlipoproteinemia, their relationship to atherosclerosis and treatment] Klimov AN, et al.
Kardiologiia 12:133-49, Jun 72 (118 ref.) (Rus)

[Thrombocyte adhesiveness in ischemic heart disease] Maĭorov IuM, et al.
Kardiologiia 12:45-8, Aug 72 (Eng. Abstr.) (Rus)

[Clinico-anatomical variants of occlusion of the subclavian and axillary veins (Paget-Schrötter

syndrome)] Bronnikov NM.
Klin Khir 7:44-6, Jul 73 (Rus)
[Radiometric determination of capillary permeability and tissue circulation in patients with coronary atherosclerosis treated with heparin] Aleĭnikova LI, et al.
Klin Med (Mosk) 50:42-5, Oct 72 (Eng. Abstr.) (Rus)
[Condition of the absorptive and alimentary function of the small intestine in patients with acute dysentery] Iushchuk ND.
Klin Med (Mosk) 51:125-9, Apr 73 (Eng. Abstr.) (Rus)
[Functional condition of the blood coagulation system in patients with meningococcemia with a shock] Lisukova TE, et al.
Klin Med (Mosk) 51:120-5, Apr 73 (Eng. Abstr.) (Rus)
[Thromboembolic lesions of the retinal vessels] Kondratskiĭ VF. **Oftalmol Zh** 26:461-2, 1971 (Rus)
[Effect of drugs on nitrogen metabolism in diabetic patients] Balog P, et al.
Probl Endokrinol (Mosk) 18:34-7, Jul-Aug 72 (Eng. Abstr.) (Rus)
[Potentiation by heparin of the radioprotective effect of cystamine] Lukashin BP, et al.
Radiobiologiia 13:230-4, Mar-Apr 73 (Eng. Abstr.) (Rus)
[Change in the radiation damage to the intestine due to sodium citrate and heparin] Nesterenko VS, et al.
Radiobiologiia 13:280-3, Mar-Apr 73 (Eng. Abstr.) (Rus)
[Effect of heparin on the blood gas composition in chronic pneumonia] Vorontsova GV, et al.
Sov Med 35:82-5, Apr 72 (Eng. Abstr.) (Rus)
[Shifts in coagulating and fibrinolytic activity of the blood following the administration of nerobol in patients with coronary atherosclerosis] Kratovskaia OV, et al.
Ter Arkh 44:29-31, Sep 72 (Eng. Abstr.) (Rus)
[Efficacy of heparin in pneumonia] Patrushev VI, et al.
Ter Arkh 44:34-6, Aug 72 (Eng. Abstr.) (Rus)
[Treatment of thrombosis as a result of stress (the Paget-Schroetter syndrome) in diabetes with fibrinolysin and anticoagulants] Ospanov TO, et al.
Vestn Khir 110:115-6, Mar 73 (Rus)
[Contractile function of the myocardium in hypertensive disease during treatment with heparin and isobarin] Luganskiĭ IuN.
Vrach Delo 2:81-3, Feb 72 (Eng. Abstr.) (Rus)
[Change in the functional state of the myocardium and hemodynamics in hypertension during treatment with heparin and Isobarin] Luganskiĭ IuN, et al.
Vrach Delo 7:60-2, Jul 72 (Eng. Abstr.) (Rus)
[Immediate and remote results of intravenous chemo-hormonotherapy of initially detected pulmonary tuberculosis] Makovskaia GM.
Vrach Delo 7:82-5, Jul 72 (Eng. Abstr.) (Rus)
[The effect of heparin on blood coagulation and serotonin concentration in patients with coronary atherosclerosis in the pre-infarction state] Savel'ev AI. **Vrach Delo** 11:14-8, Nov 72 (Eng. Abstr.) (Rus)
[Evaluation of the changes in the blood coagulation system in the dynamics of treating ischemic insult with anticoagulants] Lobkova TN.
Zh Nevropatol Psikhiatr 73:645-51, 1973 (Eng. Abstr.) (Rus)
[Fibrinolysin-anticoagulant therapy of cerebral thromboses] Lunev DK, et al.
Zh Nevropatol Psikhiatr 72:1121-8, 1972 (Eng. Abstr.) (Rus)
[Experience in emergency diagnosis and treatment of stroke] Shefer DG, et al.
Zh Nevropatol Psikhiatr 72:1159-64, 1972 (Eng. Abstr.) (Rus)
[Antibiotic therapy of postoperative wounds of the larynx and trachea] Iunina AI, et al.
Zh Ushn Nos Gori Bolezn 31:82-5, Nov-Dec 71 (Rus)
[Thrombophlebitis of the lower extremities. Diagnosis and treatment] Cervantes J.
Arch Inst Cardiol Mex 43:161-8, Jan-Feb 73 (Eng. Abstr.) (Spa)
[Fat embolism] Cervantes J, et al.
Arch Inst Cardiol Mex 43:319-24, Mar-Apr 73 (Eng. Abstr.) (Spa)
[Clinical case: glomerulonephritis] Gortázar-Hĵar P.
Arch Invest Med (Mex) 4:75-8, 1973 (Spa)
[Bilateral papilledema in Behcet's disease (effect of heparin)] Bacardí-Noguera R, et al.
Rev Clin Esp 129:405-8, 31 May 73 (Spa)
[Aspects and possibilities of thrombolytic treatment] Uhrík J, et al.
Cesk Dermatol 47:198-203, Oct 72 (Eng. Abstr.) (Slo)

TOXICITY

To the editors: corticosteroids and heparin. Strade HA.
J Reprod Med 10:11, Jan 73

URINE

Mucopolysaccharides in urine during normal human development. Douglas C, et al.
Pediatr Res 7:724-7, Aug 73
[Percutaneous absorption of heparin- 35 S from a specially prepared oil-in-water emulsion] Schraven E, et al.
Arzneim Forsch 23:274-5, Feb 73 (Eng. Abstr.) (Ger)
[Clinical forms of mastocytosis] Chwalińska-Sadowska H, et al. **Reumatologia** 11:91-5, Jan 73 (35 ref.) (Pol)
[Determination of uroheparin] Vorkel' IaB, et al.
Lab Delo 7:411-2, 1972 (Rus)

HEPARIN ANTAGONISTS

Platelet factor-4--properties and clinical significance. Donati MB, et al. **Adv Exp Med Biol** 34:173-89, 1972
Platelet function tests and thrombosis. O'Brien JR. **Adv Exp Med Biol** 34:43-54, 1972 (10 ref.)
Direct determination of red cell bound antibody specificity. Lalezari P. **Br J Haematol** 24:777-92, Jun 73
A physicochemical approach to the characterization of red cell antigen-antibody systems. Oberhardt BJ, et al.
Immunology 24:445-53, Mar 73
A study of antiheparin activity of serum and platelet factor 4. Sear CH, et al. **J Clin Pathol** 25:1007, Nov 72

ADMINISTRATION & DOSAGE

Cardiac surgery in young pigs. Clark AW, et al.
Cardiovasc Res 6:634-40, Nov 72

ANALYSIS

Platelet factor-4--methods of study. Donati MB, et al.
Adv Exp Med Biol 34:295-308, 1972
[Blood coagulation tissue factors in human palatine tonsils] Rybina OF.
Vestn Otorinolaringol 35:61-3, Mar-Apr 73 (Eng. Abstr.) (Rus)

BLOOD

Isolation and some properties of the heparin-neutralizing factor (PF4) released from human blood platelets. Käser-Glanzmann R, et al.
Experientia 28:1221-3, 15 Oct 72
Assay of platelet factor 4 in plasma. Fuster V, et al.
Mayo Clin Proc 48:103-6, Feb 73

DIAGNOSTIC USE

Protamine--antagonist to heparin. Jaques LB.
Can Med Assoc J 108:1291-7, 19 May 73 (30 ref.)

METABOLISM

Thromboplastic, fibrinolytic and antiheparin activity of pancreatic tissue in acute experimental pancreatitis. Gabryelewicz A, et al.
Bull Acad Pol Sci [Biol] 20:691-4, 1972

PHARMACODYNAMICS

Quantitative haemagglutination. 6. Relationship of sialic acid content of red cells and aggregation by Polybrene, protamine and poly-L-lysine. Greenwalt TJ, et al. **Br J Haematol** 25:227-37, Aug 73
Intrinsic activation of plasma kinin formation and complement. Eisen V, et al.
Int Arch Allergy Appl Immunol 45:91-4, 1973
Chemistry and pharmacology of heparin. Ehrlich J, et al. **J Pharm Sci** 62:517-44, Apr 73 (626 ref.)
[Action of 2 polybases on platelet electric charge and aggregation] Larcan A, et al.
Experientia 28:1096-7, 15 Sep 72 (Fre)

THERAPEUTIC USE

Clinical considerations for the anesthesiologist whose patient is on anticoagulant therapy. Ellison N, et al.
Anesthesiology 39:328-36, Sep 73 (57 ref.)

TOXICITY

The hypocalcemic effect of protamine in goats and sheep. Luthman J, et al.
Zentralbl Veterinaermed [A] 20:110-5, Mar 73

HEPARIN CO-FACTOR

Theory and practice of minidose heparin in surgical patients. A status report. Wessler S, et al.
Circulation 47:671-6, Apr 73 (30 ref.)

ANALYSIS

The purification and mechanism of action of human antithrombin-heparin cofactor. Rosenberg RD, et al.
J Biol Chem 248:6490-505, 25 Sep 73

BLOOD

[Heparin cofactor level in the initial stage of acute leukoses. Reduction of this factor by asparaginase] Kolodie L, et al.
Lyon Med 228:685-90, 10 Dec 72 (Eng. Abstr.) (Fre)

ISOLATION & PURIFICATION

The purification and mechanism of action of human antithrombin-heparin cofactor. Rosenberg RD, et al.
J Biol Chem 248:6490-505, 25 Sep 73

METABOLISM

The purification and mechanism of action of human antithrombin-heparin cofactor. Rosenberg RD, et al.
J Biol Chem 248:6490-505, 25 Sep 73
[Physiological inhibitors of thrombin and thrombin synthesis] Schröer H.
Folia Haematol (Leipz) 99:212-22, 1973 (34 ref.) (Eng. Abstr.) (Ger)

HEPARINOID

ADMINISTRATION & DOSAGE

[Experimental assessment of an anti-inflammatory agent] Marmo E, et al.
Arzneim Forsch 23:846-51, Jun 73 (Eng. Abstr.) (Ger)
[Treatment of generalized (progressive) scleroderma] Balda BR.
Dtsch Med Wochenschr 97:1876-8, 1 Dec 72 (Ger)
[Clinical experiences with a gel containing heparin] Schimpf A.
Fortschr Med 89:Suppl:932-4, 26 Aug 71 (Ger)

BLOOD

[Pharmacokinetics of heparin and heparinoids] Metz J, et al. **Verh Dtsch Ges Inn Med 78:1570-4, 1972 (Ger)**

PHARMACODYNAMICS

A new method for the assay of orally active hypolipaemic agents. Propker M, et al.
J Pharm Pharmacol 24:823-5, Oct 72
Chemistry and pharmacology of heparin. Ehrlich J, et al. **J Pharm Sci 62:517-44, Apr 73 (626 ref.)**
[In-vitro inhibition of thrombocyte aggregation induced by xenogenic serum] Kaulla KN von, et al.
Res Exp Med (Berl) 158:152-64, 1972 (Eng. Abstr.) (Ger)
[Pharmacokinetics of heparin and heparinoids] Metz J, et al. **Verh Dtsch Ges Inn Med 78:1570-4, 1972 (Ger)**
[Effect of a heparinoid extract on the blood lipids and basal thrombodensitogram] Ferri F, et al.
Minerva Med 64:272-7, 27 Jan 73 (Eng. Abstr.) (Ita)

THERAPEUTIC USE

[Experimental assessment of an anti-inflammatory agent] Marmo E, et al.
Arzneim Forsch 23:846-51, Jun 73 (Eng. Abstr.) (Ger)
[Therapy of late gestoses] Brehm R.
Minerva Ginecol 25:387-93, Jul 73 (Ger)

HIRUDIN

Quantitative studies on the release of platelet fibrinogen by thrombin. Keenan JP, et al.
Br J Haematol 23:461-6, Oct 72
Ethanol gelation and protamine sulfate tests. Comparison and criticque. Jacobsen CD, et al.
Thromb Diath Haemorrh 29:130-4, 28 Feb 73
[Inactivation of trypsin and thrombin by 4-amidinobenzolsulfofluoride and 4-(2-aminoethyl)-benzolsulfofluoride] Walsmann P, et al.
Acta Biol Med Ger 28:577-85, 1972 (Eng. Abstr.) (Ger)

ADMINISTRATION & DOSAGE

[Clinical and experimental studies on the effect of external drugs containing hirudin] Mittelstaedt R.
Arzneim Forsch 23:581-3, Apr 73 (Eng. Abstr.) (Ger)

ANALYSIS

On the NH 2 -terminal residue of hirudin. Gráf L, et al.
Biochim Biophys Acta 310:416-7, 15 Jun 73
[Hirudin and other thrombin inhibitors from blood-sucking animals] Landmann H.
Folia Haematol (Leipz) 98:437-45, 1972 (Ger)

PHARMACODYNAMICS

Aggregation of human blood platelets by vasopressin. Haslam RJ, et al. **Am J Physiol 223:958-67, Oct 72**
Vasodilator response in the hindlimb (dog) to various thrombin preparations. Joyner WL, et al.
Am J Physiol 225:487-92, Aug 73
Kinetics of the thrombin-induced release of calcium (II) by platelets. Detwiler TC, et al.
Biochemistry 12:282-9, 16 Jan 73
[Hirudin and other thrombin inhibitors from blood-sucking animals] Landmann H.
Folia Haematol (Leipz) 98:437-45, 1972 (Ger)

THERAPEUTIC USE

[Drug therapy in rectal diseases] Teller H.
Arch Dermatol Forsch 244:385-90, 1972 (Ger)
[Clinical and experimental studies on the effect of external drugs containing hirudin] Mittelstaedt R.
Arzneim Forsch 23:581-3, Apr 73 (Eng. Abstr.) (Ger)

HYPOPROCONVERTINEMIA

The molecular basis of hereditary clotting disorders. Ratnoff OD.
Prog Hemostasis Thromb 1:39-74, 1972 (184 ref.)

BLOOD

Active and inactive factor VII in Dubin-Johnson syndrome with factor-VII deficiency, hereditary factor-VII deficiency and on coumadin administration. Levanon M, et al.
Br J Haematol 23:669-77, Dec 72
The activation of coagulation by extracts of mucus: a possible pathway of intravascular coagulation accompanying adenocarcinomas. Pineo GF, et al.
J Lab Clin Med 82:255-66, Aug 73
The procoagulant activity of granulocytes. Saba HI, et al. **Proc Soc Exp Biol Med 142:614-20, Feb 73**
[Molecular-biology findings on various blood clotting factors] Fiedler H.
Folia Haematol (Leipz) 98:121-39, 1972 (121 ref.) (Eng. Abstr.) (Ger)
[Blood coagulation disorders caused by abnormal blood coagulation factors] Fiedler H.
Z Aerztl Fortbild (Jena) 66:692-8, 1 Jul 72 (Ger)
[Some recent advances in blood coagulation research] Sakuragawa N.
Jap J Clin Hematol 13:923-33, Dec 72 (48 ref.) (Jap)
[On the coagulation factors from V through XIII] Yoshida K, et al.
Jap J Clin Med 31:755-64, Apr 73 (66 ref.) (Jap)

COMPLICATIONS

"Case report". A case of haemorrhagic diathesis due to factor VII deficiency. Shinnawi BM.
J Egypt Public Health Assoc 47:202-3, 1972
Deep vein thrombosis and pulmonary embolism in congenital factor VII deficiency. Gershwin ME, et al.
N Engl J Med 288:141-2, 18 Jan 73
[Hemotherapeutic safeguarding of induced abortion in inborn proconvertin insufficiency (hemagglutination factor VII) using exchange plasmapheresis] Vaníček S, et al. **Zentralbl Gynaekol 94:931-5, 22 Jul 72 (Ger)**

CONGENITAL

Congenital factor VII deficiency with cerebral haemorrhage treated with prothrombin concentrate. Marriage K, et al. **Med J Aust** 2:942-5, 21 Oct 72
Congenital deficiency of factor VII. First two cases reported in Venezuela. Guevara I, et al. **Rev Bras Pesqui Med Biol** 5:101-6, 1972 (Eng. Abstr.) (Pol)
[Hemotherapeutic safeguarding of induced abortion in inborn proconvertin insufficiency (hemagglutination factor VII) using exchange plasmapheresis] Vaníček S, et al. **Zentralbl Gynaekol** 94:931-5, 22 Jul 72 (Ger)

DIAGNOSIS

Congenital deficiency of factor VII. First two cases reported in Venezuela. Guevara I, et al. **Rev Bras Pesqui Med Biol** 5:101-6, 1972 (Eng. Abstr.) (Pol)

DRUG THERAPY

Active and inactive factor VII in Dubin-Johnson syndrome with factor-VII deficiency, hereditary factor-VII deficiency and on coumadin administration. Levanon M, et al. **Br J Haematol** 23:669-77, Dec 72
Congenital factor VII deficiency with cerebral haemorrhage treated with prothrombin concentrate. Marriage K, et al. **Med J Aust** 2:942-5, 21 Oct 72
Deep vein thrombosis and pulmonary embolism in congenital factor VII deficiency. Gershwin ME, et al. **N Engl J Med** 288:141-2, 18 Jan 73

FAMILIAL & GENETIC

Active and inactive factor VII in Dubin-Johnson syndrome with factor-VII deficiency, hereditary factor-VII deficiency and on coumadin administration. Levanon M, et al. **Br J Haematol** 23:669-77, Dec 72
Congenital factor VII deficiency with cerebral haemorrhage treated with prothrombin concentrate. Marriage K, et al. **Med J Aust** 2:942-5, 21 Oct 72

PATHOLOGY

Congenital factor VII deficiency with cerebral haemorrhage treated with prothrombin concentrate. Marriage K, et al. **Med J Aust** 2:942-5, 21 Oct 72

THERAPY

Coagulation changes in healthy and sick pacific salmon. Hougie C. **Adv Exp Med Biol** 22:89-102, 1972

VETERINARY

Coagulation changes in healthy and sick pacific salmon. Hougie C. **Adv Exp Med Biol** 22:89-102, 1972

HYPOPROTHROMBINEMIAS

The partial thromboplastin time test: distinction between inhibitor and clotting-factor deficiency. Knights SF, et al. **Med Lab Technol** 30:43-7, Jan 73
An approach to dental extractions in haemophilia and related bleeding disorders in children. Lurie A, et al. **S Afr Med J** 46:1743-6, 11 Nov 72

BLOOD

Determinants of serum antipyrine half-lives in patients with liver disease. Branch RA, et al. **Gut** 14:569-73, Jul 73
Crossover electrophoresis (electrosyneresis) visualization of the abnormal factor X (factor X Friuli). Girolami A, et al. **J Lab Clin Med** 80:740-7, Nov 72
The activation of coagulation by extracts of mucus: a possible pathway of intravascular coagulation accompanying adenocarcinomas. Pineo GF, et al. **J Lab Clin Med** 82:255-66, Aug 73
The procoagulant activity of granulocytes. Saba HI, et al. **Proc Soc Exp Biol Med** 142:614-20, Feb 73
The effect of several tissue thromboplastins on the activation of the abnormal factor X (factor X Friuli). Girolami A, et al. **Thromb Diath Haemorrh** 27:535-42, 31 Jul 72
[Molecular-biology findings on various blood clotting factors] Fiedler H. **Folia Haematol (Leipz)** 98:121-39, 1972 (121 ref.) (Eng. Abstr.) (Ger)
[Blood coagulation disorders caused by abnormal blood coagulation factors] Fiedler H. **Z Aerztl Fortbild (Jena)** 66:692-8, 1 Jul 72 (Ger)
[On the coagulation factors from V through XIII] Yoshida K, et al. **Jap J Clin Med** 31:755-64, Apr 73 (66 ref.) (Jap)
[Clinical aspects of disseminated intravascular coagulation in children] Myśliwiec B. **Pol Tyg Lek** 28:67-70, 8 Jan 73 (23 ref.) (Pol)

CHEMICALLY INDUCED

Prolonged intraoperative bleeding caused by propylthiouracil-induced hypoprothrombinemia. Gotta AW, et al. **Anesthesiology** 37:562-3, Nov 72
Interaction of sodium warfarin and disulfiram (antabuse) in man. O'Reilly RA. **Ann Intern Med** 78:73-6, Jan 73
Enhancement of warfarin-induced hypoprothrombinemia by triclofos. Sellers EM, et al. **Clin Pharmacol Ther** 13:911-5, Nov-Dec 72
Effect of non-narcotic analgesics on anticoagulant-induced hypoprothrombinemia in rats. Zawidzka ZZ, et al. **Experientia** 28:1482-3, 15 Dec 72
The chloro analog of vitamin K: antagonism of vitamin K action in normal and warfarin-resistant rats. Shah DV, et al. **Proc Soc Exp Biol Med** 143:775-9, Jul 73
Anticoagulant-induced intramural haematoma of the bowel. Lloyd DA, et al. **S Afr Med J** 47:734-8, 5 May 73

COMPLICATIONS

Vitamin K and the older infant. Lukens JN. **Am J Dis Child** 124:639-40, Nov 72
Prolonged intraoperative bleeding caused by propylthiouracil-induced hypoprothrombinemia. Gotta AW, et al. **Anesthesiology** 37:562-3, Nov 72
Systemic amyloidosis associated with micro-angiopathic haemolytic anaemia and factor X (Stuart factor) deficiency. Jacobson RJ, et al. **S Afr Med J** 46:1634-7, 28 Oct 72
[Acquired isolated factor X deficiency in generalized amyloidosis] Wick A, et al. **Schweiz Med Wochenschr** 102:1760-6, 2 Dec 72 (Eng. Abstr.) (Ger)
[Case of congenital agammaglobulinemia with periodic lymphocytopenia, hypoprothrombinemia and arthritis followed-up for 8 years] Rudkowski Z, et al. **Pediatr Pol** 47:1523-7, Dec 72 (Pol)

CONGENITAL

Congenital Stuart-Prower factor (factor X) deficiency. Sarup BM, et al. **J Indian Med Assoc** 59:110-4, 1 Aug 72

DIAGNOSIS

Congenital Stuart-Prower factor (factor X) deficiency. Sarup BM, et al. **J Indian Med Assoc** 59:110-4, 1 Aug 72
Crossover electrophoresis (electrosyneresis) visualization of the abnormal factor X (factor X Friuli). Girolami A, et al. **J Lab Clin Med** 80:740-7, Nov 72

DRUG THERAPY

Systemic amyloidosis associated with micro-angiopathic haemolytic anaemia and factor X (Stuart factor) deficiency. Jacobson RJ, et al. **S Afr Med J** 46:1634-7, 28 Oct 72

ENZYMOLOGY

Rat-liver-sialidase activity utilizing a tritium-labeled sialic-acid derivative of glycoprotein substrates. Activity in normal and hypothrombinemic rats. Bernacki RJ, et al. **Eur J Biochem** 34:425-33, 2 May 73

ETIOLOGY

Hemorrhagic diathesis and cystic fibrosis in infancy. Walters TR, et al. **Am J Dis Child** 124:641-2, Nov 72
Amyloidosis with factor X deficiency. Bernhardt B, et al. **Am J Med Sci** 264:411-4, Nov 72
Warfarin resistance and vitamin K requirement in the rat. Greaves JH, et al. **Lab Anim** 7:141-8, May 73

[Hemorrhagic syndrome due to isolated Stuart factor deficiency during Kahler's disease with amylosis] Pieron R, et al.
Ann Med Interne (Paris) 123:765-70, Aug-Sep 72 **(Fre)**

[Nephrotic syndrome and acquired deficiency of Stuart factor revealing the presence of amylosis and myeloma] Cordonnier D, et al.
J Urol Nephrol (Paris) 78:760-4, Sep 72 **(Fre)**

[Acquired blood coagulation disorders] Favre-Gilly J.
Lyon Med 19:Suppl:133-42, Apr 72 **(Fre)**

[Acquired isolated factor X deficiency in generalized amyloidosis] Wick A, et al.
Schweiz Med Wochenschr 102:1799-803, 9 Dec 72 **(Ger)**

[Hypopothrombinemia and bleeding in an infant on a soy bean diet] Tamir D, et al.
Harefuah 83:242-3, 15 Sep 72 (Eng. Abstr.) **(Heb)**

FAMILIAL & GENETIC

Abnormal factor X(factor X Friuli) coagulation disorder. Girolami A, et al.
Acta Haematol (Basel) 49:114-22, 1973

Amyloidosis with factor X deficiency. Bernhardt B, et al. **Am J Med Sci** 264:411-4, Nov 72

[Molecular-biology findings on various blood clotting factors] Fiedler H.
Folia Haematol (Leipz) 98:121-39, 1972 (121 ref.) (Eng. Abstr.) **(Ger)**

METABOLISM

Vitamin K and prothrombin synthesis. Suttie JW.
Nutr Rev 31:105-9, Apr 73 (18 ref.)

Mechanism of action of vitamin K: demonstration of a liver precursor of prothrombin. Suttie JW.
Science 179:192-4, 12 Jan 73

OCCURRENCE

Abnormal factor X(factor X Friuli) coagulation disorder. Girolami A, et al.
Acta Haematol (Basel) 49:114-22, 1973

THERAPY

Congenital Stuart-Prower factor (factor X) deficiency. Sarup BM, et al. **J Indian Med Assoc** 59:110-4, 1 Aug 72

The treatment of coagulation factor deficiencies. Temperley IJ. **J Ir Med Assoc** 66:42-5, 27 Jan 73

Systemic amyloidosis associated with micro-angiopathic haemolytic anaemia and factor X (Stuart factor) deficiency. Jacobson RJ, et al.
S Afr Med J 46:1634-7, 28 Oct 72

Post-Konyne hepatitis: the ineffectiveness of screening for the hepatitis B antigen (HBAg). Sandler SG, et al. **Transfusion** 13:221-4, Jul-Aug 73

[Treatment of congenital and acquired coagulation disorders] Favre-Gilly J.
Lyon Med 19:Suppl:157-66, Apr 72 **(Fre)**

VETERINARY

Warfarin resistance and vitamin K requirement in the rat. Greaves JH, et al. **Lab Anim** 7:141-8, May 73

KALLIKREIN-TRYPSIN INACTIVATOR

Plasma kallikrein-kinin system in nonmammalian blood: evolutionary aspects. Seki T, et al.
Am J Physiol 224:1425-30, Jun 73

Problems in evaluating the components of the kinin system. Hamberg U.
Ann Chir Gynaecol Fenn 61:238-50, 1972 (46 ref.)

Differentiation of trypsin-like enzymes in human plasma. Gullick HD. **Clin Chem** 18:1385-94, Nov 72

A method for measuring the release of gut glucagon-like immunoreactivity from rat jejunum "in vitro". Zandomeneghi R, et al.
Diabetologia 8:283-6, Aug 72

Properties of the esteropeptidases purified from the mouse submandibular gland. Ekfors TO, et al.
Enzymologia 43:177-89, 30 Sep 72

Fluorescent-labelled aprotinin: a new reagent for the histochemical detection of acid mucosubstances. Kiernan JA, et al. **Histochemie** 34:77-84, 1973

Aprotinin, a carbohydrate-binding protein. Stoddart RW, et al. **Histochemie** 34:275-80, 26 Mar 73

Studies on kallikrein inhibitors from potatoes. V. Characterization of two isolated inhibitors. Hojima Y, et al. **J Biochem (Tokyo)** 73:933-43, May 73

Inhibitors of fibrinolysis: evidence of some instances of mutual potentiation. Coccheri S, et al.
J Clin Pathol 25:627-8, Jul 72

Radioimmunoassay of human peripheral plasma secretin. Bloom SR, et al.
J Endocrinol 58:xxiv-xxv, Jul 73

The effect of some platelet aggregating and potential thrombosis-promoting substances on the development of experimental arterial thrombosis. Hladovec J.
Thromb Diath Haemorrh 29:196-200, 28 Feb 73

[Behavior of chymotrypsin-like proteinase from human spermatozoa towards protein-proteinase inhibitors] Fritz H, et al.
Hoppe Seylers Z Physiol Chem 353:1651-3, Oct 72 (Eng. Abstr.) **(Ger)**

[The isolation of porcine and human kallikrein using affinity chromatography: specific binding to water-insoluble Kunitz soybean-inhibitor-celluloses and dissociation with competitive inhibitors (benzamidine)] Fritz H, et al.
Hoppe Seylers Z Physiol Chem 353:893-900, Jun 72 (Eng. Abstr.) **(Ger)**

[Characterization of porcine and human serum kallikrein using inhibition through protein-proteinase inhibitors] Wunderer G, et al.
Hoppe Seylers Z Physiol Chem 353:1646-50, Oct 72 (Eng. Abstr.) **(Ger)**

[Developmental trends and results of the kallikrein-kinin research] Werle E.
Munch Med Wochenschr 115:225-30, 16 Feb 73 (Eng. Abstr.) **(Ger)**

[Inhibition of the fibrinolytic enzyme system using fibrin and casein as the substrates] Miyatani K, et al.
Jap J Clin Pathol 21:627-31, Jul 73 **(Jap)**

ADMINISTRATION & DOSAGE

The use of protease inhibitors during acute haemorrhagic pancreatitis. Experimental findings and clinical implications. Amundsen E.
Ann Chir Gynaecol Fenn 61:284-7, 1972

Hereditary angioneurotic oedema. Agostoni A, et al.
Lancet 2:325, 11 Aug 73

[Attempt at intra-articular therapy of chronic osteoarthrosis using Trasylol] Vachtenheim J.
Fysiatr Reumatol Vestn 50:242-6, Oct 72 (Eng. Abstr.) **(Cze)**

[Localization of a protease inhibitor in the mouse kidney using immunofluorescence] Török P.
Arzneim Forsch 22:1534-8, Sep 72 (Eng. Abstr.) **(Ger)**

[Changes of kidney function and morphology during long-term infusion of high-dosage proteinase inhibitor (trasylol). Animal experimental findings] Glaser E, et al.
Verh Dtsch Ges Inn Med 78:1612-4, 1972 **(Ger)**

[Effect of fibrinolytics and antifibrinolytics on wound healing. Experimental study] Wilde J, et al.
Z Exp Chir 4:241-7, 1971 (Eng. Abstr.) **(Ger)**

[Inhibition of the thrombopiastic effect of placental extracts using trasylol] Slunsky R.
Z Geburtshilfe Perinatol 176:201-6, Jun 72 (Eng. Abstr.) **(Ger)**

[Topical treatment of duodenal and pancreatic fistulas with protease inhibitors] Richter H.
Zentralbl Chir 97:1820-3, 16 Dec 72 **(Ger)**

[Pharmacological changes of cholinesterase and curare-anesthesia] Marcello B, et al.
Quad Sclavo Diagn 7:350-6, Mar 71 **(Ita)**

[Treatment of acute pancreatitis and cholecystopancreatitis with trasylol] Shabanov AN, et al. **Vestn Khir** 107:41-4, Jan 72 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

[Allergy to antienzymes] Meyer C, et al.
Lyon Chir 68:200-1, May-Jun 72 **(Fre)**

[Treatment of acute pancreatitis and cholecystopancreatitis with trasylol] Shabanov AN, et al. **Vestn Khir** 107:41-4, Jan 72 (Eng. Abstr.) **(Rus)**

ANALYSIS

Studies on kallikrein inhibitors from potatoes. 3. Some pharmacological actions of potato-kallikrein-inhibitors (PKI). Hojima Y, et al.
Chem Pharm Bull (Tokyo) 20:1312-20, Jun 72

Conversion of Hageman factor (factor XII) of the

guinea pig to prekallikrein activator and inhibition of the formed kallikrein by a natural plasma inhibitor. Takeuchi Y, et al. **Eur J Immunol** 2:345-9, Aug 72

BLOOD

Kallikrein-bradykinin system in chronic alcoholic liver disease. Wong P, et al.
Ann Intern Med 77:205-9, Aug 72

[Trasylol effects. 3. Trasylol effect on the degranulation of circulating blood platelets and mobilization of neutrophilic granulocytes during experimental peritonitis] Kifor E, et al.
Blut 26:188-92, Mar 73 (Eng. Abstr.) **(Ger)**

HISTORY

[Prof. K. Frey on his 85th birthday] (Frey E), Vossschulte K.
Dtsch Med Wochenschr 98:1443, 27 Jul 73 **(Ger)**

ISOLATION & PURIFICATION

Broad-specificity protease-isoinhibitors for trypsin, chymotrypsin, plasmin and kallikrein from snails (Helix pomatia). Isolation, inhibition characteristics and amino-acid composition. Tschesche H, et al.
Eur J Biochem 30:560-70, 7 Nov 72

Isolation of a novel inhibitor of kallikrein, plasmin and trypsin from the venom of Russell's viper (Vipera russelli). Takahashi H, et al.
FEBS Lett 27:207-10, 1 Nov 72

Studies on kallikrein inhibitors from potatoes. IV. Isolation of two inhibitors and determination of molecular weights and amino acid compositions. Hojima Y, et al. **J Biochem (Tokyo)** 73:923-32, May 73

Studies on kallikrein inhibitors from potatoes. V. Characterization of two isolated inhibitors. Hojima Y, et al. **J Biochem (Tokyo)** 73:933-43, May 73

METABOLISM

[Localization of a protease inhibitor in the mouse kidney using immunofluorescence] Török P.
Arzneim Forsch 22:1534-8, Sep 72 (Eng. Abstr.) **(Ger)**

[Autoradiographic and biochemical studies on the binding of Kunitz inhibitors to cartilage] Török P, et al.
Arzneim Forsch 22:2110-5, Dec 72 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

Pancreatic hydrolases and the formation of a myocardial depressant factor in shock. Lefer AM, et al. **Am J Physiol** 223:1103-9, Nov 72

The role of lysosomes in lymphocyte transformation in vitro. Tchórzewski H.
Arch Immunol Ther Exp (Warsz) 20:831-5, 1972

Inhibition of malignant cell invasion in vitro by a proteinase inhibitor. Latner AL, et al.
Br J Cancer 27:460-4, Jun 73

Cellular control of blood coagulation. 3. The response of platelets to adrenaline. Kowarzyk H, et al.
Bull Acad Pol Sci [Biol] 20:755-9, 1972

Studies on kallikrein inhibitors from potatoes. 3. Some pharmacological actions of potato-kallikrein-inhibitors (PKI). Hojima Y, et al.
Chem Pharm Bull (Tokyo) 20:1312-20, Jun 72

Isohormones of human growth hormone. II. Plasmin-catalyzed transformation and increase in prolactin biological activity. Yadley RA, et al.
Endocrinology 93:858-65, Oct 73

Effects of aprotinin on organ cultures of the cerebellum of the adult rat. Drayton MR, et al.
Exp Neurol 39:381-8, Jun 73

Effect of collagenase on human growth hormone and ACTH. Baumann JB, et al.
Horm Metab Res 5:228, May 73

The kinetics of the release of bradykinin by kallikrein in normal human plasma. Girey GJ, et al.
J Lab Clin Med 80:496-505, Oct 72

Studies on the mechanism of inflammation induced by calcium pyrophosphate crystals. Spilberg I.
J Lab Clin Med 82:86-91, Jul 73

Effects of potato kallikrein inhibitor and S-methyl-L-cysteine sulfoxide on plasma and liver kininogen levels of x-irradiated rats and effectiveness of these materials as radioprotectors. Kubodera A, et al. **J Radiat Res (Tokyo)** 14:126-35, Jun 73

Selective inhibition of growth of transformed cells by protease inhibitors. Schnebli HP, et al.
Proc Natl Acad Sci USA 69:3825-7, Dec 72

Inactivation of platelet factor 4 in plasma. Eika C, et al.
Scand J Haematol 9:343-50, 1972

Prevention of the liquoid-induced consumption coagulopathy by the protease inhibitor aprotinin. Müller-Berghaus G, et al.
Thromb Diath Haemorrh 27:396-406, 31 Jul 72

[Changes in serum activity of trypsin in patients with bronchial asthma between attacks and during experimental anaphylactic shock] Kirchev P, et al.
Eksp Med Morfol 10:105-9, 1971 (Eng. Abstr.) **(Bul)**

[Proteinase inhibitor and the liver in shock. Experimental and ultrastructural study] Mallet-Guy P, et al.
Bull Soc Int Chir 31:473-80, Sep-Oct 72 (Eng. Abstr.) **(Fre)**

[Studies on the clinical significance of glycyl-L-leucine dipeptidase in blood platelets] Ardelt W.
Aerztl Forsch 26:261-6, 10 Aug 72 (Eng. Abstr.) **(Ger)**

[Inhibition of autolysis in the atrophic vaginal epithelium by using a protease inhibitor] Janoušek F.
Arch Gynaekol 213:293-302, 1973 (Eng. Abstr.) **(Ger)**

[Animal experimental studies on the effect of trasylol on lysosomal enzymes] Platt D.
Arzneim Forsch 22:1486-7, Sep 72 (Eng. Abstr.) **(Ger)**

[Study on the effect of Trasylol. I. Effect of Trasylol on migration and degranulation of neutrophilic granulocytes, comparison with prednisolone] Kifor E, et al. **Blut** 26:61-8, Jan 73 (Eng. Abstr.) **(Ger)**

[Studies on the effect of Trasylol. II. Effect of Trasylol and prednisolone on the kininogen concentration in the peritoneal exudate of golden hamsters] Kifor E, et al. **Blut** 26:141-5, Feb 73 (Eng. Abstr.) **(Ger)**

[Trasylol effects. 3. Trasylol effect on the degranulation of circulating blood platelets and mobilization of neutrophilic granulocytes during experimental peritonitis] Kifor E, et al.
Blut 26:188-92, Mar 73 (Eng. Abstr.) **(Ger)**

[Origin and physiological significance of "activated" plasminogen and plasmin for the mobilization of the anticoagulation system] Kudrjaschow BA, et al.
Folia Haematol (Leipz) 98:313-21, 1972 (Eng. Abstr.) **(Ger)**

[Trasylol as inhibitor of the thromboplastic effect of amniotic fluid and placental extracts] Slunsky R.
Folia Haematol (Leipz) 98:338-45, 1972 (Eng. Abstr.) **(Ger)**

[Modification of plasma enzyme levels in experimental hemorrhagic shock due to trasylol] Horpácsy G, et al.
Med Welt 24:459-61, 23 Mar 73 **(Ger)**

[Experimental myocardial infarct. Preliminary report. 1. Hemodynamics, electrolytes in the myocardial tissue and coronary vein, blood morphology. Effects of Trasylol] Tschirkov F, et al.
Med Welt 23:1838-43, 2 Dec 72 **(Ger)**

[Possibilities for inactivation of protease activity in sputum by protease inhibitors in chronic obstructive airway diseases] Rasche B, et al.
Res Exp Med (Berl) 158:229-45, 1972 (Eng. Abstr.) **(Ger)**

[Effects of trasylol on electrolyte secretion of submaximally stimulated human gastric mucosa] Mertz DP.
Verh Dtsch Ges Inn Med 77:496-7, 1971 **(Ger)**

[Effect of fibrinolytics and antifibrinolytics on wound healing. Experimental study] Wilde J, et al.
Z Exp Chir 4:241-7, 1971 (Eng. Abstr.) **(Ger)**

[Inhibition of the thromboplastic effect of placental extracts using trasylol] Slunsky R.
Z Geburtshilfe Perinatol 176:201-6, Jun 72 (Eng. Abstr.) **(Ger)**

[The effect of Trasylol on experimental endotoxic shock and hemorrhagic necrosis of the intestine] Wiznitzer T, et al.
Harefuah 84:368-72, 1 Apr 73 (Eng. Abstr.) **(Heb)**

[Cytoprotective effectiveness of some substances on erythrocytic and leukocytic blood cells subjected to hyperthermal damage] Granata A, et al.
Minerva Med 64:1375-8, 21 Apr 73 (Eng. Abstr.) **(Ita)**

[Effect of a protease inhibitor on bacterial multiplication] Gastaldi G, et al.
Pathologica 63:223-31, Sep-Oct 71 (Eng. Abstr.) **(Ita)**

[Blockade of uterine labor contractions by means of antienzymes] Konopka P, et al.
Ginekol Pol 44:55-63, Jan 73 (Eng. Abstr.) **(Pol)**

[Cellular regulation of blood coagulation] Kowarzyk H, et al. **Przegl Lek** 30:494-500, 1973 (Eng. Abstr.) **(Pol)**

[Biogenesis of erythropoietin. II. Extrarenal enzymatic mechanisms] Baciu I, et al.

Fiziol Norm Patol 19:127-36, Mar-Apr 73 (Eng. Abstr.) (Rum)

[Mechanisms of functional changes with varying blood levels of pancreatic external secretion components] Bannikova NA.
Fiziol Zh SSSR 58:1441-7, Sep 72 (Eng. Abstr.) (Rus)

[Effect of trasylol and soybean trypsin inhibitor on the survival of irradiated animals] Gaponiuk PIa, et al.
Radiobiologiia 12:927-8, Nov-Dec 72 (Eng. Abstr.) (Rus)

[Treatment of acute pancreatitis and cholecystopancreatitis with trasylol] Shabanov AN, et al. Vestn Khir 107:41-4, Jan 72 (Eng. Abstr.) (Rus)

[Intraportal inhibition of proteinase by Trasylol after prolonged perfusion] Holec V, et al.
Rozhl Chir 51:613-20, Oct 72 (Eng. Abstr.) (Slo)

[Use of antifibrinolytics in surgery] Bošković S, et al.
Med Arh 26:233-8, Jul-Aug 72 (Eng. Abstr.) (Cro)

THERAPEUTIC USE

The use of protease inhibitors during acute haemorrhagic pancreatitis. Experimental findings and clinical implications. Amundsen E.
Ann Chir Gynaecol Fenn 61:284-7, 1972

Prevention of early histopathological changes in the liver in extensive burns. Talaat SM, et al.
Br J Plast Surg 26:132-9, Apr 73

Treatment of acute massive pulmonary embolism by streptokinase during labour and delivery. Hall RJ, et al. Br Med J 4:647-9, 16 Dec 72

Studies on kallikrein inhibitors from potatoes. 3. Some pharmacological actions of potato-kallikrein-inhibitors (PKI). Hojima Y, et al.
Chem Pharm Bull (Tokyo) 20:1312-20, Jun 72

The hemorrhagic phenomena associated with green pit viper (Trimeresurus erythrurus and Trimeresurus popeorum) bites in children. A report of studies to elucidate their pathogenesis. Mitrakul C, et al.
Clin Pediatr (Phila) 12:215-8, Apr 73

Causes and prevention of colonic anastomotic breakdown. Hawley PR.
Dis Colon Rectum 16:272-7, Jul-Aug 73

Fibrinolysis following contact with a Saturnid caterpillar. Arocha-Pinango CL, et al.
J Clin Pathol 25:637, Jul 72

Effects of potato kallikrein inhibitor and S-methyl-L-cysteine sulfoxide on plasma and liver kininogen levels of x-irradiated rats and effectiveness of these materials as radioprotectors. Kubodera A, et al. J Radiat Res (Tokyo) 14:126-35, Jun 73

The influence of proteolytic enzyme inhibitors on traumatic swelling. Rosenthal SM.
J Trauma 13:548-53, Jun 73

Hereditary angioneurotic oedema. Agostoni A, et al.
Lancet 2:325, 11 Aug 73

Abnormal bleeding after prostatectomy: illustrative cases and review of management. O'Sullivan EF, et al.
Med J Aust 2:1165-9, 18 Nov 72

Prevention of the liquoid-induced consumption coagulopathy by the protease inhibitor aprotinin. Müller-Berghaus G, et al.
Thromb Diath Haemorrh 27:396-406, 31 Jul 72

[Proteinase inhibitor and the liver in shock. Experimental and ultrastructural study] Mallet-Guy P, et al.
Bull Soc Int Chir 31:473-80, Sep-Oct 72 (Eng. Abstr.) (Fre)

[Allergy to antienzymes] Meyer C, et al.
Lyon Chir 68:200-1, May-Jun 72 (Fre)

[Medical treatment of acute pancreatitis] Hureau J.
Med Chir Dig 2:25-30, 1973 (Eng. Abstr.) (Fre)

[Study on the effect of Trasylol. I. Effect of Trasylol on migration and degranulation of neutrophilic granulocytes, comparison with prednisolone] Kifor E, et al. Blut 26:61-8, Jan 73 (Eng. Abstr.) (Ger)

[Trasylol effects. 3. Trasylol effect on the degranulation of circulating blood platelets and mobilization of neutrophilic granulocytes during experimental peritonitis] Kifor E, et al.
Blut 26:188-92, Mar 73 (Eng. Abstr.) (Ger)

[Diagnosis and therapy of blood coagulation disorders in obstetrics and gynecology] Felder KD.
Med Klin 67:1220-6, 22 Sep 72 (Ger)

[Trasylol in the shock therapy. Its effects and their interpretation] Haberland GL, et al.
Med Welt 23:1049-56, 5 Aug 72 (Ger)

[Experimental myocardial infarct. Preliminary report. 1. Hemodynamics, electrolytes in the myocardial tissue and coronary vein, blood morphology. Effects of Trasylol] Tschirkov F, et al.
Med Welt 23:1838-43, 2 Dec 72 (Ger)

[Carcinoid syndrome. Tryptophan metabolism--pathogenesis of concomitant symptoms--combination of tumours] Brune GG, et al.
Munch Med Wochenschr 114:973-8, 19 May 72 (Eng. Abstr.) (Ger)

[Experimental decompression sickness in rabbits. Coagulation changes and therapeutic influencing] Schimpf K, et al.
Verh Dtsch Ges Inn Med 77:1027-9, 1971 (Ger)

[Porphyria and ileus] Raffelsberger R, et al.
Wien Z Inn Med 53:285-8, 1972 (Ger)

[Experiences with the treatment of combustion] Krafft L, et al.
Z Aerztl Fortbild (Jena) 66:774-7, 1 Aug 72 (Ger)

[Effect of anti-enzyme therapy on experimental pancreatitis in the dog] Metzl J, et al.
Z Exp Chir 4:107-14, 1971 (Eng. Abstr.) (Ger)

[Inhibition of the thromboplastic effect of placental extracts using trasylol] Slunsky R.
Z Geburtshilfe Perinatol 176:201-6, Jun 72 (Eng. Abstr.) (Ger)

[Prevention of postoperative pancreatitis after common bile duct revision] Klug W.
Zentralbl Chir 97:1854-8, 23 Dec 72 (Ger)

[Topical treatment of duodenal and pancreatic fistulas with protease inhibitors] Richter H.
Zentralbl Chir 97:1820-3, 16 Dec 72 (Ger)

[Fat embolism] Monesi B, et al.
Arch Putti Chir Organi Mov 26:22-34, 1971 (Ita)

[Suture of the perforation with peritoneal drainage in the treatment of gastro-duodenal perforated ulcers] Esposito G. Minerva Chir 28:609-21, 15 May 73 (Ita)

[Radioisotope evaluation with Tc 99m of the anti-inflammatory effect of a protease inhibitor in arthritis due to immune complexes and micro-crystals] Grimaldi MG, et al.
Minerva Med 64:2418-22, 20 Jun 73 (Ita)

[Conservative treatment of pancreatitis] Knapik Z.
Pol Arch Med Wewn 49:565-70, Dec 72 (Pol)

[Schedule for diagnostic-therapeutic management of hemorrhagic diathesis] Sulek K.
Wiad Lek 26:417-22, 1 Mar 73 (20 ref.) (Pol)

[Antifibrinolytic agents and extracorporeal circulation] Gomes OM, et al.
Rev Hosp Clin Fac Med Sao Paulo 27:209-13, Sep-Oct 72 (Eng. Abstr.) (Por)

[Clinico-morphological parallels during instillation of acid solutions in the respiratory tract and some problems of therapy of these complications in animal experiments] Rafulia VA.
Klin Khir 4:60-3, Apr 73 (Rus)

[Use of proteolytic enzyme inhibitors in the complex treatment of septic diseases in children] Sitkovskiĭ NB, et al. Klin Khir 8:49-53, Aug 72 (Rus)

[Treatment of arthrogenic contractures in rheumatoid arthritis patients with trasylol] Mikhalevich PF.
Klin Med (Mosk) 50:110-2, Aug 72 (Rus)

[Vaccino-medicinal therapy in brucellosis leading to changed allergic reactivity] Lopatina ZhM.
Ter Arkh 44:110-4, Jul 72 (Eng. Abstr.) (Rus)

[Nature of intoxication and detoxification therapy in acute pancreatitis] Filin VI, et al.
Vestn Khir 109:59-65, Jan 73 (Eng. Abstr.) (Rus)

[The kinin system in acute pancreatitis] Ognev IuV, et al. Vestn Khir 108:132-5, Sep 72 (22 ref.) (Rus)

[Treatment of acute pancreatitis and cholecystopancreatitis with trasylol] Shabanov AN, et al. Vestn Khir 107:41-4, Jan 72 (Eng. Abstr.) (Rus)

[The relationship between pancreatic juice microelements and enzymes in patients with chronic pancreatitis] Gubergrits AIa, et al.
Vrach Delo 11:62-5, Nov 72 (Eng. Abstr.) (Rus)

[The effect of anti-enzyme therapy on the intracellular metabolism of blood leukocytes in chronic diseases of the pancreas] Veprinskaia SI, et al.
Vrach Delo 11:61-2, Nov 72 (Eng. Abstr.) (Rus)

[Intraportal inhibition of proteinase by Trasylol after prolonged perfusion] Holec V, et al.
Rozhl Chir 51:613-20, Oct 72 (Eng. Abstr.) (Slo)

LIPOPROTEIN LIPASE

Cofactor activity of protein components of human very low density lipoproteins in the hydrolysis of triglycerides by lipoproteins lipase from different sources. Havel RJ, et al.
Biochemistry 12:1828-33, 24 Apr 73

Effect of phospholipids on lipoprotein lipase activation

in vitro. Chung J, et al.
Biochim Biophys Acta 296:116-23, 19 Jan 73
Reversible binding of lipoprotein lipase from hen adipose tissue to insolubilized heparin. Egelrud T.
Biochim Biophys Acta 296:124-9, 19 Jan 73
Further characterisation of lipoprotein lipase and hepatic post-heparin lipase from rat plasma. Fielding CJ. Biochim Biophys Acta 280:569-78, 8 Dec 72
Kinetics of lipoprotein lipase activity: effects of the substrate apoprotein on reaction velocity. Fielding CJ. Biochim Biophys Acta 316:66-75, 19 Jul 73
Studies on hormone-sensitive lipase and lipoprotein lipase in adipose tissue. Okuda H, et al.
J Biochem (Tokyo) 73:1195-203, Jun 73
Effects of heparin on lipoprotein lipase from bovine milk. Iverius PH, et al.
J Biol Chem 247:6610-6, 25 Oct 72
Positional specificity of lipoprotein lipase. Morley N, et al. J Biol Chem 247:6389-93, 25 Oct 72
Metabolism of the plasma lipoproteins. Lewis B. Sci Basis Med 118-44, 1972 (129 ref.)

ANALYSIS

A rapid and sensitive lipase assay using triethylaminoethyl cellulose columns. Zieve FJ.
Anal Biochem 51:436-42, Feb 73
Lipoprotein lipase activity in human adipose tissue: assay methods. Relations to the serum triglyceride level in a normolipidemic population. The effect of ethyl chlorophenoxy isobutyrate. Persson B, et al.
Atherosclerosis 16:37-49, Jul-Aug 72
Lipoprotein lipase activities in adipose tissues, heart and diaphragm of the genetically obese mouse(ob-ob). Gasquet P de, et al. Biochem J 127:445-7, Apr 72
Lipoprotein lipase activity in the adipose tissue of rats adapted to controlled feeding schedules. Reichl D.
Biochem J 128:79-87, Jun 72
The contribution of lipogenesis in situ to the accumulation of fat by rat adipose tissue. Borensztajn J, et al. Biochim Biophys Acta 280:86-93, 7 Sep 72
Sequential induction of two species of lipoprotein lipase. Garfinkel AS, et al.
Biochim Biophys Acta 306:128-33, 13 Apr 73
Lipid-metabolizing enzymes in the ovary of the laying hen. Gornall DA, et al.
Biochim Biophys Acta 280:225-30, 5 Oct 72
The purification of a lipoprotein lipase from bovine skim milk. Egelrud T, et al.
J Biol Chem 247:6212-7, 10 Oct 72
Enzymic changes in bovine adipose and mammary tissue, serum and mammary tissue hormonal changes with initiation of lactation. Shirley JE, et al.
J Dairy Sci 56:569-74, May 73
A simple lipase assay using trichloroacetic acid. Schotz MC, et al. J Lipid Res 13:824-6, Nov 72
[Semi-automatic determination of tissue lipoprotein lipase in man and animals] Sezille G, et al.
Clin Chim Acta 44:399-407, 30 Mar 73 (Eng. Abstr.) (Fre)

ANTAGONISTS & INHIBITORS

Effects of insulin on lipoprotein lipase activity in the rat heart and adipose tissue. Borensztajn J, et al.
Am J Physiol 223:1271-5, Dec 72
The effect of cycloheximide on adipose-tissue clearing-factor lipase. Cryer A, et al.
Biochem J 132:833-6, Apr 73
Cofactor activity of protein components of human very low density lipoproteins in the hydrolysis of triglycerides by lipoproteins lipase from different sources. Havel RJ, et al.
Biochemistry 12:1828-33, 24 Apr 73
Reversible binding of lipoprotein lipase from hen adipose tissue to insolubilized heparin. Egelrud T.
Biochim Biophys Acta 296:124-9, 19 Jan 73
The purification of a lipoprotein lipase from bovine skim milk. Egelrud T, et al.
J Biol Chem 247:6212-7, 10 Oct 72
Effects of heparin on lipoprotein lipase from bovine milk. Iverius PH, et al.
J Biol Chem 247:6610-6, 25 Oct 72
Response of plasma histaminase activity to small doses of heparin in normal subjects and patients with hyperlipoproteinemia. Baylin SB, et al.
J Clin Invest 52:1985-93, Aug 73
A comparative study of the inhibitory activity of clofibrate and related an alogs on lipoprotein lipase in vitro. Whayne TF Jr, et al.
J Med Chem 16:228-31, Mar 73
Clofibrate and nafenopin (SU-13437): effects on plasma clearance and tissue distribution of chylomicron triglyceride in the dog. Cenedella RJ.
Lipids 7:644-52, Oct 72
Enzymic depolymerization of macromolecular heparin as a factor in control of lipoprotein lipase activity. Horner AA. Proc Natl Acad Sci USA 69:3469-73, Nov 72
The form of absorption of lipids in the chicken, Gallus domesticus. Bensadoun A, et al.
Proc Soc Exp Biol Med 141:814-7, Dec 72

BLOOD

Heparin, platelets, and venous thrombosis. O'Brien JR.
Am Heart J 85:435-8, Apr 73 (16 ref.)
Hypertriglyceridemia in chronic nonnephrotic renal failure. Gutman RA, et al.
Am J Clin Nutr 26:165-72, Feb 73
Hyperlipemia and pancreatitis. Tasman-Jones C, et al.
Am J Dig Dis 18:767-72, Sep 73
Triglyceride abnormality in infantile hypothyroidism. Baum D, et al. Am J Dis Child 125:612-3, Apr 73
A rapid and sensitive lipase assay using triethylaminoethyl cellulose columns. Zieve FJ.
Anal Biochem 51:436-42, Feb 73
Norethindrone acetate, postheparin lipolytic activity, and plasma triglycerides in familial types I, 3, IV, and V hyperlipoproteinemia. Studies in 26 patients and 5 normal persons. Glueck CJ, et al.
Ann Intern Med 75:345-52, Sep 71
A case of massive hypertriglyceridemia corrected by nicotinic acid or nicotinamide therapy. Carlson LA, et al. Atherosclerosis 16:359-68, Nov-Dec 72
Cofactor activity of protein components of human very low density lipoproteins in the hydrolysis of triglycerides by lipoproteins lipase from different sources. Havel RJ, et al.
Biochemistry 12:1828-33, 24 Apr 73
Enzymatic hydrolysis of di-(2-ethylhexyl) phthalate by lipases. Albro PW, et al.
Biochim Biophys Acta 306:380-90, 21 Jun 73
Kinetics of lipoprotein lipase activity: effects of the substrate apoprotein on reaction velocity. Fielding CJ. Biochim Biophys Acta 316:66-75, 19 Jul 73
Long-chain acyl-CoA hydrolase activity in serum: identity with clearing factor lipase. Jansen H, et al.
Biochim Biophys Acta 296:241-8, 19 Jan 73
Increase in postheparin lipoprotein lipase activity in rat plasma by dietary erucic acid. Struijk CB, et al.
Biochim Biophys Acta 296:253-6, 19 Jan 73
Mechanical versus metabolic regulation of myocardial oxygen consumption. Mjos OD.
Biomedicine 18:9-12, Jan 73
Three variants of postheparin lipiprotein lipase activity in idiopathic hyperlipoproteinemia. Horst A, et al. Bull Acad Pol Sci [Biol] 21:199-202, 1973
Positional specificity of lipoprotein lipase. Morley N, et al. J Biol Chem 247:6389-93, 25 Oct 72
A simple lipase assay using trichloroacetic acid. Schotz MC, et al. J Lipid Res 13:824-6, Nov 72
Hydrolysis of glyceryl tri(1- 14 C)octanoate and glyceryl tri(1- 14 C)oleate monolayers by postheparin lipolytic activity. Smith LC.
J Lipid Res 13:769-76, Nov 72
A comparative study of the inhibitory activity of clofibrate and related an alogs on lipoprotein lipase in vitro. Whayne TF Jr, et al.
J Med Chem 16:228-31, Mar 73
An improved in vivo procedure for standardization of heparin preparations. Kuo SH, et al.
J Pharm Pharmacol 24:858-68, Nov 72
Effect of age on post-heparin lipase. Brodows RG, et al.
N Engl J Med 287:969-70, 9 Nov 72
Advances in lipoprotein research. Biochemical and clinical aspects. Seidel D. Nutr Metab 15:9-16, 1973
Studies of primary hyperlipoproteinemias. II. Diagnosis and classification. Ciświcka-Sznajderman M. Pol Med J 11:238-43, 1972
The pathogenesis of neurogenic hypercholesterolemia. IV. Abnormal metabolism of chylomicronous cholesterol. Friedman M, et al.
Proc Soc Exp Biol Med 142:359-64, Jan 73
Increase of post-heparin lipase activity by oxandrolone in familial hyperchylomicronemia. Faergeman O, et al.
Scand J Clin Lab Invest 31:27-31, Jan 73
Hyperlipidemia following renal transplant. Casaretto AA, et al.
Trans Am Soc Artif Intern Organs 19:154-6, 1973

[Experience in treating diabetic retinopathy with heparin] Bozadzhieva E, et al.
Vutr Boles 12:117-23, 1973 (Eng. Abstr.) **(Bul)**

[Lipoprotein lipase activity and blood lipid fractions in hypertension] Bozadzhieva E, et al.
Vutr Boles 12:45-50, 1973 (Eng. Abstr.) **(Bul)**

[Lipid disorders in diabetes] Lefebvre P, et al.
Acta Cardiol (Brux) Suppl 25:55-73, 1972 (Eng. Abstr.) **(Fre)**

[Effect of insulin and glucagon on the postheparinic plasma activity in normal and diabetic rats] Castro G, et al. **C R Soc Biol (Paris)** 166:1071-3, 1972 **(Fre)**

[Plasmatic elimination of lipids and diabetes. Studies of lipoprotein lipase] Guisard D, et al.
C R Soc Biol (Paris) 166:1067-70, 1972 **(Fre)**

[Clearance of lipids from the blood of subjects with alcoholic liver cirrhosis with ascites] Guisard D, et al.
Nutr Metab 14:193-202, 1972 (Eng. Abstr.) **(Fre)**

[Study of an unusual disorder of post-heparin lipoprotein lipase activity in a child with fat-dependent hyperglyceridemia] Gennes JL de, et al.
Pathol Biol (Paris) 21:497-504, May 73 (Eng. Abstr.) **(Fre)**

[Modifications of lipoprotein lipase in pancreatitis] Oehler G, et al.
Klin Wochenschr 51:350-1, 1 Apr 73 (Eng. Abstr.) **(Ger)**

[Methodical and clinical aspects of lipoprotein lipase in the human plasma] Girlich M, et al.
Verh Dtsch Ges Inn Med 78:1321-3, 1972 **(Ger)**

[Intravenous lipid tolerance test] Salvioli G, et al.
Minerva Med 63:3437-46, 12 Sep 72 (Eng. Abstr.) **(Ita)**

[Research on the interrelations between the action of some serum enzymes and ultrastructural changes in the diabetic liver] Mincu I, et al.
Med Interna (Bucur) 24:1233-42, Oct 72 (Eng. Abstr.) **(Rum)**

[The genetics of atherosclerosis. II. Correlation of clinico-genealogic findings with various lipid metabolism indices in atherosclerosis patients] Dzizinskii AA, et al. **Kardiologiia** 13:33-7, Mar 73 **(Rus)**

[Blood coagulation under the effect of a single injection of insulin] Khubetsova RD.
Probl Endokrinol (Mosk) 18:74-8, Nov-Dec 72 (Eng. Abstr.) **(Rus)**

[Vitamin B6 and lipid metabolism (review of the literature)] Frolova IA.
Vopr Med Khim 18:339-46, Jul-Aug 72 (89 ref.) **(Rus)**

[Restoration of the function of the anticoagulation system in animals switched from an atherogenic diet to natural rations] Bazaz'ian GG, et al.
Vopr Pitan 31:33-8, Nov-Dec 72 (Eng. Abstr.) **(Rus)**

[Studies on primary hyperlipemia] Yáñez Polo MA.
Rev Clin Esp 125:331-40, 31 May 72 (Eng. Abstr.) **(Spa)**

ISOLATION & PURIFICATION

The purification of a lipoprotein lipase from bovine skim milk. Egelrud T, et al.
J Biol Chem 247:6212-7, 10 Oct 72

Effects of heparin on lipoprotein lipase from bovine milk. Iverius PH, et al.
J Biol Chem 247:6610-6, 25 Oct 72

Validation of a "clearing" assay for milk lipoprotein lipase in agarose gel. Wilson DE, et al.
J Lipid Res 14:124-8, Jan 73

METABOLISM

Lipoprotein lipase activity of human adipose tissue in health and in some diseases with hyperlipidemia as a common feature. Persson B.
Acta Med Scand 193:457-62, May 73

Lipoprotein lipase activity of huuman adipose tissue in different types of hyperlipidemia. Persson B.
Acta Med Scand 193:447-56, May 73

Disturbances in the regulation of food intake. Obesity: anatomic and physiologic-biochemical observations. Björntorp P.
Adv Psychosom Med 7:116-27, 1972 (123 ref.)

Disturbances in the regulation of food intake. Obesity: anatomic and physioligic-biochemical observations. Björntorp P.
Adv Psychosom Med 7:116-27, 1972 (123 ref.)

Effects of insulin on lipoprotein lipase activity in the rat heart and adipose tissue. Borensztajn J, et al.
Am J Physiol 223:1271-5, Dec 72

Uptake of chylomicron-triglyceride by perfused mammary tissue of lactating rats. Mendelson CR, et al.
Am J Physiol 223:1418-23, Dec 72

Primary hyperlipoproteinemia in infants. Fredrickson DS, et al. **Annu Rev Med** 24:315-24, 1973 (87 ref.)

Effect of reserpine and triiodothyronine on myocardial lipoprotein lipase, metabolic rate and plasma free fatty acids in rats. Silverman LH, et al.
Arch Int Pharmacodyn Ther 199:368-75, Oct 72

Effect of dietary starches on the serum, aorta and hepatic lipid levels in high-fat high cholesterol-fed rats. 2. Nature of the starch and hypolipidaemic activity. Vijayagopalan P, et al.
Atherosclerosis 16:247-56, Sep-Oct 72

The role of glucagon in the regulation of myocardial lipoprotein lipase activity. Borensztajn J, et al.
Biochem Biophys Res Commun 53:603-8, 17 Jul 73

The effect of cycloheximide on adipose-tissue clearing-factor lipase. Cryer A, et al.
Biochem J 132:833-6, Apr 73

Clearing-factor lipase in obese hyperglycaemic mice (ob-ob). Enser M. **Biochem J** 129:447-53, Sep 72

Adipose-tissue lipoprotein lipase activity and cellularity in the genetically obese Zucker rat (fa-fa). Gasquet P de, et al. **Biochem J** 132:633-5, Mar 73

The role of clearing-factor lipase in the removal of triglyceride fatty acids from the plasma. Robinson DS.
Biochem J 128:9P, Jun 72

Purified bovine milk (lipoprotein) lipase: activity against lipid substrates in the absence of exogenous serum factors. Egelrud T, et al.
Biochim Biophys Acta 306:115-27, 13 Apr 73

Sequential induction of two species of lipoprotein lipase. Garfinkel AS, et al.
Biochim Biophys Acta 306:128-33, 13 Apr 73

Lipoprotein lipase in human adipose tissue. Elkeles RS.
Clin Sci 44:23P-24P, Jun 73

Triglyceride metabolism in thyroid disease. Tulloch BR, et al. **Clin Sci** 44:8P passim, Feb 73

Metabolic effect of pyridinolcarbamate on rats kept on a high-fat and cholesterol diet or treated with calciferol. Grafnetter D, et al. **Cor Vasa** 15:58-69, 1973

Lipoprotein-lipase modifications in subjects treated with a synthetic, heparin-like polyanion (SP 54). Frandoli G, et al. **Farmaco [Prat]** 27:514-8, Sep 72

The influence of platelets on lipoprotein-lipase activity. Bucher HW. **Helv Med Acta** 37:49-54, 1973

Activation of lipoprotein lipase by apolipoprotein glutamic acid. Formation of a stable surface film. Miller AL, et al. **J Biol Chem** 248:3359-62, 10 May 73

Abnormal lipoprotein lipase in familial exogenous hypertriglyceridemia. Schreibman PH, et al.
J Clin Invest 52:2075-82, Aug 73

A comparative study of the inhibitory activity of clofibrate and related an alogs on lipoprotein lipase in vitro. Whayne TF Jr, et al.
J Med Chem 16:228-31, Mar 73

Clofibrate and nafenopin (SU-13437): effects on plasma clearance and tissue distribution of chylomicron triglyceride in the dog. Cenedella RJ.
Lipids 7:644-52, Oct 72

Triglyceride removal efficiency and lipoprotein lipases: effects of Oxandrolone. Glueck CJ, et al.
Metabolism 22:807-14, Jun 73

Stimulation of release of lipoprotein lipase activity from isolated fat cells by rat serum. Stewart JE, et al.
Nature [New Biol] 244:250-1, 22 Aug 73

Enzymic depolymerization of macromolecular heparin as a factor in control of lipoprotein lipase activity. Horner AA. **Proc Natl Acad Sci USA** 69:3469-73, Nov 72

Effects of dietary carbohydrate on lipid metabolism in primates. Macdonald I.
Proc Nutr Soc 30:277-82, Dec 71 (34 ref.)

Response of rat tissue lipases to physical training and exercise. Askew EW, et al.
Proc Soc Exp Biol Med 141:123-9, Oct 72

[Lipoprotein lipase in human placenta] Matrova Ts, et al.
Akush Ginekol (Sofiia) 11:114-7, 1972 (Eng. Abstr.) **(Bul)**

[Study of changes in lipoprotein-lipase activity of adipose tissue and myocardium as a function of nutritional state in rats] Fruchart JC, et al.
C R Soc Biol (Paris) 166:68-70, 1972 **(Fre)**

[Modifications of lipoprotein lipase in pancreatitis] Oehler G, et al.
Klin Wochenschr 51:350-1, 1 Apr 73 (Eng. Abstr.) **(Ger)**

[Lipoprotein lipase activity and the effect of blood serum on the lipolytic activity of fatty tissue in

patients with peptic ulcer] Vaĭnshteĭn SG. **Ter Arkh** 44:28-31, May 72 (Eng. Abstr.) (Rus)

PEPTIDE HYDROLASES

Enzymatic degradation of peptides containing alpha-aminooxycarboxylic acids. Kisfaludy L, et al. **Acta Biochim Biophys Acad Sci Hung** 6:393-403, 1971

On the ultrastructure of Trypanosoma (Trypanozoon) brucei in the course of its life cycle and some related aspects. Steiger RF. **Acta Trop (Basel)** 30:64-168, 1973 (328 ref.)

Alpha 1 antitrypsin deficiency in association with both cirrhosis and chronic obstructive lung disease in two sibs. Glasgow JF, et al. **Am J Med** 54:181-94, Feb 73

Leukocyte kininogenases and leukokinins from normal and malignant cells. Greenbaum LM. **Am J Pathol** 68:613-24, Sep 72 (27 ref.)

Micro method for determination of blocked NH 2 - terminal amino acids of protein: application to identification of acetylserine of phosphoglycerate kinase and pyroglutamic acid of glucose 6-phosphate dehydrogenase. Yoshida A. **Anal Biochem** 49:320-5, Oct 72

Linkage studies of enzyme markers in man-mouse somatic cell hybrids. Billardon C, et al. **Ann Hum Genet** 36:273-84, Jan 73

Linkage studies on peptidases A, B, C and D in man. Cook PJ, et al. **Ann Hum Genet** 36:89-97, Jul 72

Autosomal linkage between the Gm and Pi loci in man. Gedde-Dahl T Jr, et al. **Ann Hum Genet** 35:393-9, Apr 72

The genetics of peptidase C in man. Povey S, et al. **Ann Hum Genet** 35:455-65, Apr 72

Structure and catalytic properties of hepatic transglutaminase. Folk JE. **Ann NY Acad Sci** 202:59-76, 8 Dec 72

Titration of the acceptor cross-linking sites in fibrin. Lorand L, et al. **Ann NY Acad Sci** 202:155-71, 8 Dec 72

Separation of Australia antigen and some bacterial proteins by isoelectric focusing in polyacrylamide gels. Wadström T. **Ann NY Acad Sci** 209:405-14, 15 Jun 73

Neutrophil proteases in inflammation. Janoff A. **Annu Rev Med** 23:177-90, 1972 (78 ref.)

Characterization of a heat-stable protease of Pseudomonas fluorescens P26. Mayerhofer HJ, et al. **Appl Microbiol** 25:44-8, Jan 73

Immunochemical evidence for the participation of cytochrome b5 in microsomal stearyl-CoA desaturation reaction. Oshino N, et al. **Arch Biochem Biophys** 152:395-404, Aug 73

Proteolytic enzymes in washing powder--their effects on the esterase-mantle, lipids, proteins, and pH on the skin surface. Steigleder GK, et al. **Arch Dermatol Forsch** 245:177-83, 1972

Histochemical demonstration of acid mucopolysaccharides in rat enamel matrix at the stage of matrix formation after treatment with proteases. Yoshiki S, et al. **Arch Oral Biol** 17:1765-70, Dec 72

The chemical nature of Mycoplasma mycoides var. Mycoides complement fixing antigens. Buttery SH. **Aust J Exp Biol Med Sci** 50:567-76, Oct 72

Serology of foot-rot: antibodies against Fusiformis nodosus in normal, affected, vaccinated and passively immunised sheep. Egerton JR, et al. **Aust Vet J** 49:139-45, Mar 73

The intramolecular nucleophilic reaction of a phenolic hydroxyl group at the active site of papain. Campbell P, et al. **Biochem Biophys Res Commun** 48:866-72, 21 Aug 72

In vitro formation of assimilatory nitrate reductase: presence of the constitutive component in bacteria. Ketchum PA, et al. **Biochem Biophys Res Commun** 52:1450-6, 19 Jun 73

Homology between bovine high molecular weight and low molecular weight kininogens. Komiya M, et al. **Biochem Biophys Res Commun** 49:1438-43, 18 Dec 72

Existence and inhibition of hydrolytic enzymes attacking paramyosin in myofibrillar extracts of Mercenaria mercenaria. Stafford WF 3d, et al. **Biochem Biophys Res Commun** 49:848-54, 1 Nov 72

Properties of salivary basic proteins showing polymorphism. Azen EA. **Biochem Genet** 9:69-86, May 73

Complete amino acid analysis of peptides and proteins after hydrolysis by a mixture of sepharose-bound peptidases. Bennett HP, et al. **Biochem J** 129:695-701, Sep 72

Conformational changes of IRC-50 arvin at high pH. Collins JP. **Biochem J** 128:132P, Jul 72

A proposed structure for Streptomyces griseus protease A. Johnson P, et al. **Biochem J** 130:36P-37P, Nov 72

Radiochemical determination of a unique sequence around the reactive serine residue of a di-isopropyl phosphorofluoridate-sensitive plant carboxypeptidase and a yeast peptidase. Shaw DC, et al. **Biochem J** 128:229-35, Jun 72

Acid mucopolysaccharides (glycosaminoglycans) in normal human kidneys and in kidneys of patients with mucopolysaccharidoses. Constantopoulos G, et al. **Biochem Med** 7:376-88, Jun 73

Mouse immunoglobulin chains. Partial amino acid sequence of a kappa chain. McKean D, et al. **Biochemistry** 12:749-59, Feb 73

Pentose-rich glycoprotein from bovine vitreous body. I. Isolation and partial characterization. Allen WS, et al. **Biochim Biophys Acta** 297:1-10, 24 Jan 73

Electron microscopy study of positive charges on fibrin fibres. Pouit L, et al. **Biochim Biophys Acta** 317:99-105, 12 Jul 73

Bond specificity, active site and milk clotting mechanism of the Mucor miehei protease. Sternberg M. **Biochim Biophys Acta** 285:383-92, 28 Dec 72

Subcellular distribution and characterization of endo and exo-cellular proteases in E. coli. Regnier P, et al. **Biochimie** 54:1227-36, 1972

Blockage of fertilization in Rana pipiens by trypsin inhibitors. Greenslade FC, et al. **Biol Reprod** 8:306-10, Apr 73

Experimental dysfibrinogenemia: in vivo studies with arvin. Rodriguez-Erdmann F, et al. **Blood** 37:664-74, Jun 71

Hereditary perpetuation of a membrane state in the absence of genic alterations. A hypothesis. Gitler C, et al. **Bol Estud Med Biol** 27:113-7, Oct 71

Purification and characterization of a lytic peptidase produced by Bdellovibrio bacteriovorus 6-5-S. Fackrell HB, et al. **Can J Microbiol** 19:659-66, May 73

The use of the proteolytic enzyme brinase to produce autocytotoxicity in patients with acute leukemia and its possible role in immunotherapy. Thornes RD, et al. **Cancer Res** 32:280-4, Feb 72

Ultrastructure and composition of the synaptonemal complex in spread and negatively stained spermatocytes of the golden hamster and the albino rat. Solari AJ. **Chromosoma** 39:237-63, 1972

Subcellular fractionation of the enterocyte with special reference to peptide hydrolases. Peters TJ. **Ciba Found Symp** 107-22, 1971

Pancreatic trypsin inhibitor (Kunitz). II. Complexes with proteinases. Rühlmann A, et al. **Cold Spring Harbor Symp Quant Biol** 36:148-50, 1971

Spectro-chemical probes for protein conformation and function. Vallee BL, et al. **Cold Spring Harbor Symp Quant Biol** 36:517-31, 1971 (52 ref.)

Comparison of peptide hydrolases from brush border and cytosol fractions of rat and guinea-pig intestinal mucosa. Fottrell PF, et al. **Comp Biochem Physiol [B]** 43:129-35, 15 Sep 72

Partial purification and some enzymatic properties of proteolytic enzyme fractions isolated from Pisaster ochraceus (echinoderm) pyloric caeca. Peng RK, et al. **Comp Biochem Physiol [B]** 44:1207-17, 15 Apr 73

Properties of a proteolytic enzyme from Schistosoma mansoni. Sauer MC, et al. **Comp Biochem Physiol [B]** 42:205-20, 15 Jun 72

Peptidases and naphthylamidases in human skin. Influence of buffers, EDTA and metals on dipeptide arylamidase 3. Bersaques J de. **Enzymologia** 43:253-9, 31 Oct 72

The actinidin-catalysed hydrolysis of N-a-benzyloxycarbonyl-L-lysine p-nitrophenyl ester. pH dependence and mechanism. Boland MJ, et al. **Eur J Biochem** 36:575-82, 16 Jul 73

Isolation of high-molecular-weight DNA from mammalian cells. Gross-Bellard M, et al. **Eur J Biochem** 36:32-8, 2 Jul 73

The threonine-sensitive homoserine dehydrogenase and aspartokinase activities of Escherichia coli K12. The two catalytic activities are carried by two independent regions of the polypeptide chain. Véron M, et al. **Eur J Biochem** 28:520-7, 4 Aug 72

Diphtheria toxin, protein synthesis, and the cell. Gill DM, et al. **Fed Proc** 32:1508-15, Apr 73 (28 ref.)

Cathepsin D activity in normal and osteoarthritic

human cartilage. Sapolsky AI, et al.
Fed Proc 32:1489-93, Apr 73

Regulation of the formation of proteinases in Bacillus megaterium. VI. Some physicochemical properties of the proteinases from sporogenic and asporogenic Bacillus megaterium KM. Chan NH, et al.
Folia Microbiol (Praha) 17:347-52, 1972

Studies on the protease spectrum isolated from the digestive tract of Limulus polyphemus L. (horseshoe crab) including an immunological comparison to related invertebrates. Kraft V, et al.
Hoppe Seylers Z Physiol Chem 353:1540-1, Oct 72

Studies of puff adder (Bitis arietans) venom. IV. Association of protease A. Walt SJ van der.
Hoppe Seylers Z Physiol Chem 353:1217-27, Aug 72

Identification of individual chromosomes in the human karyotype by their banding pattern after proteolytic digestion. Finaz C, et al. **Humangenetik** 15:249-52, 1972

Cytotoxicity of immune guinea-pig cells. II. The mechanism of macrophage cytotoxicity. Temple A, et al. **Immunology** 24:655-69, Apr 73

The natural mediator for PMN emigration in inflammation. V. The site of structural change in the chemotactic generation of immunoglobulin G by inflammatory SH-dependent protease. Yammoto S, et al. **Immunology** 24:791-801, May 73

Demonstration of a heterophile antigen on clone 929-L cells and their variant, Le cells, by an indirect fluorescent antibody technique. Wilson DR, et al.
In Vitro 8:68-76, Sep-Oct 72

Biological and chemical characterization of toxic substances from Candida albicans. Cutler JE, et al.
Infect Immun 6:616-27, Oct 72

HYdrolysis of substituted trifluoroacetanilides. Some implications for the mechanism of action of serine proteases. Stauffer CE.
J Am Chem Soc 94:7887-91, 1 Nov 72

Peptidoglycan of free-living anaerobic spirochetes. Joseph R, et al. **J Bacteriol** 115:426-35, Jul 73

Myxobacter AL-1 protease II: specific peptide bond cleavage on the amino side of lysine. Wingard M, et al.
J Bacteriol 112:940-9, Nov 72

Digestive enzymes in insectivorous plants. IV. Enzymatic digestion of insects by Nepenthes secretion and Drosera peltata extract: proteolytic and chitinolytic activities. Amagase S, et al.
J Biochem (Tokyo) 72:765-7, Sep 72

Structural studies on a glucose-containing polysaccharide obtained from cell walls of Micrococcus lysodeikticus. 3. Determination of the structure. Hase S, et al.
J Biochem (Tokyo) 72:1117-28, Nov 72

Bitter peptides in the casein digests with bacterial proteinase. II. A bitter peptide consisting of tryptophan and leucine. Minamiura N, et al.
J Biochem (Tokyo) 72:841-8, Oct 72

Studies on enzymatically active subfragments of myosin adenosine triphosphatase. II. Preparation by nagarse digestion and comparison with subfragments prepared by using different proteolytic enzymes. Yazawa Y, et al. **J Biochem (Tokyo)** 73:567-80, Mar 73

Purification and properties of an extracellular protease of Staphylococcus aureus. Drapeau GR, et al.
J Biol Chem 247:6720-6, 25 Oct 72

Properties of a specific protease for pyridoxal enzymes and its biological role. Kominami E, et al.
J Biol Chem 247:6848-55, 10 Nov 72

Two forms of human thrombin. Isolation and characterization. Lanchantin GF, et al.
J Biol Chem 248:5956-66, 10 Sep 73

Thermophilic Streptomyces alkaline proteinase. I. Isolation, crystallization, and physicochemical properties. Mizusawa K, et al.
J Biol Chem 247:6978-84, 10 Nov 72

Succinyl coenzyme A synthetase of Escherichia coli. Effects of phosphoenzyme formation and of substrate binding on the reactivity and stability of the enzyme. Moffet FJ, et al. **J Biol Chem** 247:8139-44, 25 Dec 72

The carbohydrate of bovine prothrombin. Partial structural determination demonstrating the presence of -galactose residues. Nelsestuen GL, et al.
J Biol Chem 247:6096-102, 10 Oct 72

Human Factor XIII from plasma and platelets. Molecular weights, subunit structures, proteolytic activation, and cross-linking of fibrinogen and fibrin. Schwartz ML, et al. **J Biol Chem** 248:1395-407, 25 Feb 73

Chemistry and biosynthesis of the poly(-D-glutamyl) capsule in Bacillus licheniformis. II. Characterization and structural properties of the enzymatically synthesized polymer. Troy FA.
J Biol Chem 248:316-24, 10 Jan 73

The enzymatic iodination of the red cell membrane. Hubbard AL, et al. **J Cell Biol** 55:390-405, Nov 72

A goitrous subject with structural abnormality of thyroglobulin. Kusakabe T.
J Clin Endocrinol Metab 35:785-94, Dec 72

Partial purification of plasma thromboplastin antecedent (factor XI) and its activation by trypsin. Saito H, et al. **J Clin Invest** 52:850-61, Apr 73

Reptilase and thrombin clotting time of plasma from patients treated with streptokinase. Latallo ZS, et al.
J Clin Pathol 25:625, Jul 72

Preliminary results of the reptilase clotting time and protamine test in patients undergoing open heart surgery with extracorporeal circulation. Palester-Chlebowczyk M, et al.
J Clin Pathol 25:625, Jul 72

Studies on human plasma alpha 2-macroglobulin-enzyme interactions. Evidence for proteolytic modification of the subunit chain structure. Harpel PC. **J Exp Med** 138:508-21, 1 Sep 73

Chemical modifications of the postsynaptic Naja naja neurotoxins. Karlsson E, et al.
J Formosan Med Assoc 71:358-71, 28 Jun 72

In vitro growth of postembryonic hair. Frater R, et al.
J Invest Dermatol 61:72-81, Aug 73

Release of bound trypsin inhibitors in soybeans by Rhizopus oligosporus. Wang HL, et al.
J Nutr 102:1495-9, Nov 72

Hypersusceptibility and genetic problems in occupational medicine--a consensus report. Stokinger HE, et al. **J Occup Med** 15:564-73, Jul 73

The zona reaction of hamster and mouse eggs: production in vitro by a trypsin-like protease from cortical granules. Gwatkin RB, et al.
J Reprod Fertil 32:259-65, Feb 73

Antigenicity of vascular heterografts. Mattila SP, et al.
J Surg Res 15:81-6, Aug 73

Preservation and biodegradation of the morphogenetic property of bone matrix. Urist MR, et al.
J Theor Biol 38:155-67, Jan 73

Self purification of two serine endopeptidases. Awad WM Jr, et al. **Proc Natl Acad Sci USA** 69:2561-5, Sep 72

The tissue factor pathway of blood coagulation. Nemerson Y, et al.
Prog Hemostasis Thromb 1:1-37, 1972 (171 ref.)

Detection in serum hepatitis of the Au-anti-Au immune complex and of the antigen and antibody by means of the modified electrosyneresis technique. Bedarida G, et al. **Prog Immunobiol Stand** 5:75-80, 1972

A bacterial protein inducing antiviral resistance and high titers of interferon. Grossberg SE, et al.
Prog Immunobiol Stand 5:274-8, 1972

Experimental arterial thrombosis formation in vivo by proteolytic enzyme perfusion and the role of elastin layer. Kabemba JM, et al. **Surgery** 73:438-43, Mar 73

Effects of deep-sea pressures on microbial enzyme systems. Zobell CE, et al.
Symp Soc Exp Biol 26:125-46, 1972 (98 ref.)

Parallel determinations of FDP and fibrin monomers with various methods. Hedner U, et al.
Thromb Diath Haemorrh 28:268-79, 31 Oct 72

Studies on the activation of human factor XIII. Sheltawy MJ, et al.
Thromb Diath Haemorrh 28:473-82, 31 Dec 72

Studies on puff adder (Bitis arietans) venom. II. Specificity of protease A. Walt SJ van der, et al.
Toxicon 10:341-9, Jun 72

Chemical analyses of variable regions of heavy and light chains of cold agglutinins. Gergely J, et al.
Vox Sang 24:432-40, May 73

Experimental lesions of the coronary arteries and heart after intrapericardial injection of proteolytic enzymes. Waters LL. **Yale J Biol Med** 45:530-42, Oct 72

Biochemical and physiological studies of certain ticks (Ixodoidea). Protease activity cycles in Argas (Persicargas) persicus (Oken) and A. (P.) arboreus Kaiser, Hoogstraal, and Kohls (Argasidae). Tatchell RJ, et al. **Z Parasitenkd** 39:345-50, 1972

[Pi system. II. Experiences with the examination of alpha-antitrypsinemia in children] Halatová A, et al.
Cesk Pediatr 28:286-9, Jun 73 (Eng. Abstr.) (Cze)

[Probable existence of a 2d AK locus linked with the PGM 1 -peptidase C group] Van-Cong-Nguyen, et al.
Ann Genet (Paris) 15:213-8, Dec 72 (Eng. Abstr.) (Fre)

[Maillard's reaction. 7. Demonstration of a lysine labile fraction in proteins] Frangne R, et al.
Ann Nutr Aliment 26:107-19, 1972 (Fre)

[Estradiol-17 receptors in the liver of chicken and the

amphibian Discoglossus pictus] Ozon R, et al. **Biochim Biophys Acta** 297:155-63, 24 Jan 73 (Eng. Abstr.) **(Fre)**

[Isolation and amino acid composition of casein peptides stimulating growth if Streptococcus thermophilus] Desmazeaud MJ, et al. **Eur J Biochem** 28:190-8, 13 Jul 72 (Eng. Abstr.) **(Fre)**

[Native and globular acetylcholinesterase species in the spinal cord and brain of the electric eel, Electrophorus electricus] Rieger F, et al. **Eur J Biochem** 30:73-80, 17 Oct 72 (Eng. Abstr.) **(Fre)**

[Fibrinogen. Hereditary hypo--and dysfibrinogenemia] Gajdos A. **Nouv Presse Med** 2:1067-71, Apr 73 (30 ref.) **(Fre)**

[Leukocyte and tissue cathepsin inhibition caused by the respiratory epithelium inhibitor and serum alpha-1-antitrypsin] Reichert R, et al. **Acta Otolaryngol (Stockh)** 75:239-42, Feb-Mar 73 (Eng. Abstr.) **(Ger)**

[Digestive effect of enzyme substitutes] Grözinger KH, et al. **Arzneim Forsch** 22:1152-7, Jul 72 (Eng. Abstr.) **(Ger)**

[A-B immunoantibody detection as special immunoglobulin G using heat and protease resistance test] Kluge A. **Fortschr Med** 89:1003-6, 16 Sep 71 **(Ger)**

[Proteolytic activity of common diastase preparations] Klessen C. **Histochemie** 33:291-300, 1973 (Eng. Abstr.) **(Ger)**

[Principle of antibody structure. The primary structure of a monoclonal kappa I-type immunoglobulin L-chain (Bence Jones protein Bi). 3. The complete aminno acid sequence and the genetic significance of the variability principles for the mechanism of antibody formation] Braun M, et al. **Hoppe Seylers Z Physiol Chem** 353:1284-306, Aug 72 (Eng. Abstr.) **(Ger)**

[Enzymatic control of false-sequence peptide mixtures from peptide syntheses in the wet phase] Pfaender P, et al. **Hoppe Seylers Z Physiol Chem** 353:743, May 72 **(Ger)**

[Molecular evolution of proteolytic enzymes] Pfleiderer G, et al. **Naturwissenschaften** 59:396-405, Sep 72 (Eng. Abstr.) **(Ger)**

[Biochemical studies on acid carboxypeptidase and acid proteinase] Ichishima E. **J Jap Biochem Soc** 45:267-88, Jun 73 (87 ref.) **(Jap)**

[Studies on inactivation of alkaline protease by tabletting] Morii M, et al. **J Pharm Soc Jap** 93:300-3, Mar 73 (Eng. Abstr.) **(Jap)**

[Studies on proteinases from Ficus carica var. Horaishi. 3. Stability of ficin A, B, C and D] Sugiura M, et al. **J Pharm Soc Jap** 93:338-43, Mar 73 (Eng. Abstr.) **(Jap)**

[Enzymatic studies on water-insoluble derivatives of semi-alkaline proteinase] Sugiura M, et al. **J Pharm Soc Jap** 93:742-8, Jun 73 (Eng. Abstr.) **(Jap)**

[Endocellular peptidases of animal tissues] Mariak RT, et al. **Postepy Biochem** 19:279-97, 1973 **(Pol)**

[The functional morphology of the thymus gland] Beletskaia LV, et al. **Arkh Patol** 34:53-7, 1972 (Eng. Abstr.) **(Rus)**

[Isolation and properties of proteinase from Vipera lebetina venom] Sakhibov DN, et al. **Biokhimiia** 37:841-5, Jul-Aug 72 (Eng. Abstr.) **(Rus)**

[Physicochemical and enzymatic properties of protease from Aspergillus terricola] Samsonov GV, et al. **Dokl Akad Nauk SSSR** 206:497-9, 11 Sep 72 **(Rus)**

[Denaturation and autolysis of protease from Aspergillus terricola] Orlievskaia OV, et al. **Prikl Biokhim Mikrobiol** 9:41-4, Jan-Feb 73 (Eng. Abstr.) **(Rus)**

[Role of carboxylic groups in the structure and function of proteins] Stepanov VM, et al. **Usp Sovrem Biol** 75:163-82, Mar-Apr 73 **(Rus)**

[Properties of an extracellular protease of Serratia marcescens] Cruz Camarillo R, et al. **Rev Lat Am Microbiol** 14:29-35, Jan-Mar 72 (Eng. Abstr.) **(Spa)**

[IgG: an important structural subclass of human G immunoglobulin] Virella G. **Sangre (Barc)** 17:283-92, 1972 (55 ref.) (Eng. Abstr.) **(Spa)**

[A micromethod for the determination of sensitivity of human tumor dehydrogenase to antineoplastic antibiotics and chemopreparations] Zatula DG, et al. **Mikrobiol Zh** 33:520-2, Aug-Sep 71 (Eng. Abstr.) **(Ukr)**

ADMINISTRATION & DOSAGE

Prevention of reformation of peritoneal adhesions. Effect of oxyphenbutazone, proteolytic enzymes from carica papaya, and dextran 40. Kapur BM, et al. **Arch Surg** 104:761-4, Nov 72

Sutilains ointment as a topical debriding agent in burns. Grossman AR. **Int Surg** 58:93-6, Feb 73

Treatment of protruded lumbar intervertebral discs with chymopapain (Discase). Parkinson D, et al. **J Neurosurg** 39:203-8, Aug 73

Combined thrombolytic and Dotter treatment in arterial occlusive disease. Ele H, et al. **J Oslo City Hosp** 22:141-8, Sep-Oct 72

Arvin anticoagulation for prolonged extracorporeal membrane oxygenation. Büky B, et al. **Trans Am Soc Artif Intern Organs** 19:56-60, 1973

[Premedication in x-ray contrast pictures of the gallbladder and kidney] Klemm J. **Fortschr Med** 91:550, 26 Apr 73 **(Ger)**

[Treatment of the plantar calcaneal spur using intravenous hylase injections] Grasshoff H, et al. **Z Aerztl Fortbild (Jena)** 67:41-3, 1 Jan 73 **(Ger)**

[Clinical study for augmentation of efficacy of anticancer drugs. 1. Combination therapy by proteolytic enzyme and anticancer drugs] Kikuchi K, et al. **J Jap Soc Cancer Ther** 7:270-8, 20 Dec 72 (Eng. Abstr.) **(Jap)**

[Principles of thrombolytic treatment] Judkiewicz L, et al. **Pol Tyg Lek** 27:1011-3, 26 Jun 72 (27 ref.) **(Pol)**

[The use of proteolytic enzymes in the treatment of suppurative-inflammatory processes in children] Ali-Zade AM, et al. **Vestn Khir** 110:113-5, Jan 73 (Eng. Abstr.) **(Rus)**

[Proteolytic enzymes in the treatment of some non-specific disorders of the motor-supporting apparatus] Geller AN. **Vestn Khir** 107:58-61, Jan 72 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Allergic bronchial reactions to inhalation of enzymes of Bacillus subtilis. Dijkman JH, et al. **Am Rev Respir Dis** 107:387-94, Mar 73

Acantholysis through washing powder enzymes. The effect of proteolytic washing powder enzymes on surviving skin. Steigleder GK. **Arch Dermatol Forsch** 246:155-8, 19 Mar 73

Proteolytic enzymes in washing powder--their effects on the esterase-mantle, lipids, proteins, and pH on the skin surface. Steigleder GK, et al. **Arch Dermatol Forsch** 245:177-83, 1972

Respiratory disease in industry due to B. subtilis enzyme preparations. Little DC, et al. **Can Med Assoc J** 108:1120-5, 5 May 73

Clinical experience with brinase. Frisch EP. **J Clin Pathol** 25:653-4, Jul 72

Thrombolytic properties and side effects of brinase (fibrinolytic enzyme from Aspergillus oryzae) in the dog. Roschlau WH. **J Clin Pathol** 25:635-6, Jul 72

Treatment of protruded lumbar intervertebral discs with chymopapain (Discase). Parkinson D, et al. **J Neurosurg** 39:203-8, Aug 73

Physiological response to enzymes in cotton dust: a preliminary report. Braun DC, et al. **J Occup Med** 15:241-4, Mar 73

Respiratory reactions to B. subtilis enzymes in detergents. Weill H, et al. **J Occup Med** 15:267-71, Mar 73

B.C.G. plus protease L in malignant melanoma. Thornes RD, et al. **Lancet** 1:1386, 16 Jun 73

[Skin and respiratory symptoms caused by enzyme containing detergents] Stubb S. **Duodecim** 88:721-4, 1972 (Eng. Abstr.) **(Fin)**

[Hypersensitivity to enzyme containing washing powders and detergent enzymes] Gottmann-Lückerath I, et al. **Arch Dermatol Forsch** 245:63-8, 1972 (Eng. Abstr.) **(Ger)**

[Enzyme-containing detergents] Ebner H. **Wien Med Wochenschr** 122:619-21, 21 Nov 72 (25 ref.) **(Ger)**

[Allergic respiratory diseases due to enzymatic laundry detergents (comprehensive review)] Atanacković D. **Plucne Bolesti Tuberk** 24:240-3, Jul-Sep 72 (7 ref.) **(Cro)**

ANALYSIS

Pyrrolidonyl peptidase in some avian and rodent tissues. Histochemical localization and biochemical

studies. Albert Z, et al.
Acta Histochem (Jena) 44:98-105, 1972

Histometrical and functional changes in the major salivary glands of the rat after periodic amputations of the incisor teeth. Tortamano N, et al.
Acta Physiol Lat Am 23:51-6, 1973

The effects of feeding peptide-precipitating lignosulphonic acids in various concentrations to growing pigs. Naess B, et al.
Acta Vet Scand 14:147-59, 1973

Evaluation of detergent enzymes in air. Fulwiler RD, et al. **Am Ind Hyg Assoc J** 33:231-6, Apr 72

Assignment of the genes for malate oxidoreductase decarboxylating to chromosome 6 and peptidase B and lactate dehydrogenase B to chromosome 12 in man. Chen TR, et al. **Am J Hum Genet** 25:200-7, Mar 73

Studies on uterine flushings in the baboon. II. The effect of an intrauterine contraceptive device on certain biochemical parameters. Peplow V, et al.
Am J Obstet Gynecol 116:780-4, 15 Jul 73

Induction of experimental emphysema. Cellular and species specificity. Mass B, et al.
Am Rev Respir Dis 106:384-91, Sep 72

Detection of proteolytic enzymes in agar electrophoresis. Herd JK, et al.
Anal Biochem 53:514-21, Jun 73

A compilation of amino acid analyses of proteins. II. Kirschenbaum DM.
Anal Biochem 49:248-66, Sep 72 (97 ref.)

Quantitative agar gel electrophoresis of human gastric proteinase proenzymes. Murakami K, et al.
Anal Biochem 50:409-15, Dec 72

A fluorescent assay for proteolytic enzymes. Schwabe C. **Anal Biochem** 53:484-90, Jun 73

Method for simultaneous detection of proteinase and esterase activities in extremely halophilic bacteria. Gutiérrez C, et al. **Appl Microbiol** 24:516-7, Sep 72

Some properties of acid protease from the thermophilic fungus, Penicillium duponti K1014. Hashimoto H, et al. **Appl Microbiol** 25:578-83, Apr 73

Production and purification of acid protease from the thermophilic fungus, Penicillium duponti K1014. Hashimoto H, et al. **Appl Microbiol** 25:584-8, Apr 73

Characterization of a heat-stable protease of Pseudomonas fluorescens P26. Mayerhofer HJ, et al.
Appl Microbiol 25:44-8, Jan 73

ESR probing of macromolecules: spin-labeling of the active sites of the proteolytic serine enzymes. Hsia JC, et al. **Arch Biochem Biophys** 149:441-51, Apr 72

Phospholipase C purification and specificity with respect to individual phospholipids and brain microsomal membrane phospholipids. Stahl WL.
Arch Biochem Biophys 154:47-55, Jan 73

Naturally occurring crystals in the potato: isolation and identification as a protein. Hoff JE, et al.
Biochem Biophys Res Commun 49:1525-9, 18 Dec 72

The site of diazoacetyl inhibitor attachment to acid proteinase of Aspergillus awamori--an analog of penicillopepsin and pepsin. Kovaleva GG, et al.
Biochem Biophys Res Commun 49:1075-81, 15 Nov 72

Genetics of human-mouse somatic cell hybrids: linkage of human genes for isocitrate dehydrogenase and malate dehydrogenase. Shows TB.
Biochem Genet 7:193-204, Dec 72

Lysosomal nature of hormonally induced enzymes in wheat aleurone cells. Gibson RA, et al.
Biochem J 128:367-75, Jun 72

A proposed structure for Streptomyces griseus protease A. Johnson P, et al.
Biochem J 130:36P-37P, Nov 72

Catalase and protease activities in sewage, sludges and effluents. Sridhar MK, et al. **Biochem J** 128:35P, Jun 72

Partial purification and characterization of a renin-like enzyme from rat submandibular gland. Hackenthal E, et al. **Biochem Pharmacol** 21:2779-92, 15 Oct 72

Binding of cadmium ions by rat liver and kidney. Webb M. **Biochem Pharmacol** 21:2751-65, 15 Oct 72

Studies on extracellular proteolytic enzymes from Staphylococcus aureus. II. Isolation and characterization of an EDTA-sensitive protease. Arvidson S.
Biochim Biophys Acta 302:149-57, 15 Mar 73

Studies on extracellular proteolytic enzymes from Staphylococcus aureus. I. Purification and characterization of one neutral and one alkaline protease. Arvidson S, et al.
Biochim Biophys Acta 302:135-48, 15 Mar 73

Detection of proteolytic activity after isoelectric focusing in polyacrylamide gel. Arvidson S, et al.
Biochim Biophys Acta 310:418-20, 15 Jun 73

Peptide utilization in yeast. Studies on methionine and lysine auxotrophs of Saccharomyces cerevisiae. Becker JM, et al.
Biochim Biophys Acta 291:388-97, 26 Jan 73

Protein catabolism. II. Identification of neutral and acidic proteolytic enzymes in Aspergillus niger. Bosmann HB.
Biochim Biophys Acta 293:476-89, 15 Feb 73

The purification and properties of an extracellular protease from Aspergillus oryzae NRRL 2160. Klapper BF, et al. **Biochim Biophys Acta** 304:505-12, 28 Apr 73

Insulin degradation. V. Unmasking of glutathione-insulin transhydrogenase in rat liver microsomal membrane. Varandani PT.
Biochim Biophys Acta 304:642-59, 28 May 73

Insulin degradation. IV. Sequential degradation of insulin by rat kidney, heart and skeletal muscle homogenates. Varandani PT.
Biochim Biophys Acta 295:630-6, 21 Feb 73

Subcellular distribution and characterization of endo and exo-cellular proteases in E. coli. Regnier P, et al.
Biochimie 54:1227-36, 1972

Immunochemical characterization of commercial protease products. Hodson PH, et al.
Biotechnol Bioeng 15:519-32, May 73

Phospholipase-C from Bacillus cereus: production, purification, and properties. Shiloach J, et al.
Biotechnol Bioeng 15:551-60, May 73

Assignment of genes to human chromosomes by somatic cell genetics. Ruddle FH.
Birth Defects 9:188-93, Jan 73

Concurrent studies on the flow of digesta in the duodenum and of exocrine pancreatic secretion of calves. The collection of the exocrine pancreatic secretion from a duodenal cannula. Ternouth JH, et al.
Br J Nutr 29:387-97, May 73

Size, feeding and action of proteolytic enzymes in the Antarctic fish of Trematomus genus (Notothenidae). Rakusa-Suszczewski S, et al.
Bull Acad Pol Sci [Biol] 21:139-44, 1973

Proteolytic activity of Entamoeba histolytica. I. Detection of enzyme by photographic film band. Mukherjea AK, et al.
Bull Calcutta Sch Trop Med 19:42-3, Apr 71

Rhizopus acid proteinases (rhizopus-pepsins): properties and homology with other acid proteinases. Graham JE, et al. **Can J Biochem** 51:789-96, Jun 73

The amino acid sequence of Streptomyces griseus trypsin. I. The peptic peptides. Jurášek L, et al.
Can J Biochem 51:1077-88, Jul 73

Purification and characterization of a lytic peptidase produced by Bdellovibrio bacteriovorus 6-5-S. Fackrell HB, et al. **Can J Microbiol** 19:659-66, May 73

Properties of the Antheraea mylitta cocoonase. Felsted RL, et al.
Comp Biochem Physiol [B] 44:595-609, 15 Feb 73

Hydrolytic enzymes of the hepatopancreas of the ascidian, Pyura stolonifera. Schofield PJ, et al.
Comp Biochem Physiol [B] 45:567-78, 15 Jul 73

Enzymatic activities of venom from the jellyfish Stomolophus meleagris. Toom PM, et al.
Comp Biochem Physiol [B] 43:435-41, 15 Oct 72

Comparative tissue distribution and substrate specificity of electrophoretical distinct peptidases in the rabbit, the rat and the gerbil. Womack JE, et al.
Comp Biochem Physiol [B] 44:915-21, 15 Mar 73

Studies on pectineus muscles in canine hip dysplasia. Lust G, et al. **Cornell Vet** 62:628-45, Oct 72

The protective effect of a sunscreen upon the lysosomes of ultraviolet-irradiated skin. Fand I.
Dermatologica 144:237-47, 1972

The action of a human uterine protease on the estrogen receptor. Notides AC, et al.
Endocrinology 93:210-6, Jul 73

Acrosomal proteolytic activity of amphibian sperm. A direct demonstration. Penn A, et al.
Exp Cell Res 74:285-8, Sep 72

Bovine lens -glutamyl transpeptidase. Rathbun WB, et al. **Exp Eye Res** 15:161-71, Feb 73

Gel diffusion methods for determination of protease and protease-inhibiting activities. Carlsson L, et al.
Experientia 28:990-1, 15 Aug 72

Effect of tryptophan modification on the activity of bacterial and viral neuraminidase. Bachmayer H.
FEBS Lett 23:217-9, 15 Jun 72

Rapid isolation of undegraded polysomal RNA without phenol. Wiegers U, et al. **FEBS Lett** 23:77-82, 1 Jun 72

On the primary structure of bovine thrombin. Magnusson S. **Folia Haematol (Leipz)** 98:385-90, 1972

Regulation of the formation of proteinases in Bacillus

megaterium. VI. Some physicochemical properties of the proteinases from sporogenic and asporogenic Bacillus megaterium KM. Chan NH, et al. **Folia Microbiol (Praha)** 17:347-52, 1972

Role of a protease in natural activation of Clostridium botulinum neurotoxin. Das Gupta BR, et al. **Infect Immun** 6:587-90, Oct 72

Production of extracellular enzymes and enterotoxins A, B, and C by Staphylococcus aureus. Jarvis AW, et al. **Infect Immun** 4:110-5, Aug 71

Action of a phospholipase C preparation on the first component of complement of guinea pig and human serum: lack of correlation with enzyme activity. Loos GM, et al. **Infect Immun** 6:648-50, Oct 72

Myxobacter AL-1 protease II: specific peptide bond cleavage on the amino side of lysine. Wingard M, et al. **J Bacteriol** 112:940-9, Nov 72

Purification and properties of an extracellular protease of Staphylococcus aureus. Drapeau GR, et al. **J Biol Chem** 247:6720-6, 25 Oct 72

Thermophilic Streptomyces alkaline proteinase. I. Isolation, crystallization, and physicochemical properties. Mizusawa K, et al. **J Biol Chem** 247:6978-84, 10 Nov 72

The proteolytic enzymes of the K-1 strain of Streptomyces griseus obtained from a commercial preparation (Pronase). IV. Structure-function studies of the two smallest serine endopeptidases; stabilization by glycerol during reaction with acetic anhydride. Siegel S, et al. **J Biol Chem** 248:3233-40, 10 May 73

Biochemical cytology of trichomonad flagellates. I. Subcellular localization of hydrolases, dehydrogenases, and catalase in Tritrichomonas foetus. Müller M. **J Cell Biol** 57:453-74, May 73

Changes in chromatin template activity and their relationship to DNA synthesis in mouse parotid glands stimulated by isoproterenol. Novi AM, et al. **J Cell Biol** 55:554-62, Dec 72

Uterine protease activities and lysis of the blastocyst covering in the rabbit. Kirchner C. **J Embryol Exp Morphol** 28:177-83, Aug 72

A genetic study of an extracellular elastin-hydrolysing protease in the ringworm fungus Arthroderma benhamiae. Cheung SS, et al. **J Gen Microbiol** 74:299-304, Feb 73

Repletion studies on liver proteins and liver enzymes by feeding some wild leguminous seed protein isolates. Yadav NR, et al. **J Indian Med Assoc** 60:93-5, 1 Feb 73

The quantitative histochemistry of acid proteinase in the nervous system: localization in neurons. Hirsch HE, et al. **J Neurochem** 21:453-8, Aug 73

Physiological response to enzymes in cotton dust: a preliminary report. Braun DC, et al. **J Occup Med** 15:241-4, Mar 73

The proteolytic enzymes and the prevalence of signs and symptoms in US cotton textile mills. Tuma J, et al. **J Occup Med** 15:409-13, May 73

Oligopeptidases of brush border membranes of rat small intestinal mucosal cells. Fujita M, et al. **J Physiol (Lond)** 227:377-94, Dec 72

A chemical procedure for extraction of the acrosomes of mammalian spermatozoa. Bernstein MH, et al. **J Reprod Fertil** 33:239-44, May 73

Island lizards: the genetic-phenetic variation correlation. Soulé ME, et al. **Nature** 242:191-3, 16 Mar 73

Proteolytic enzymes and protoplasmic incompatibility in Podospora anserina. Begueret J, et al. **Nature [New Biol]** 243:94-6, 16 May 73

Two new linkage groups in man, both carrying different loci for lactate dehydrogenase and glutamic-pyruvic transaminase. Someren H van, et al. **Nature [New Biol]** 240:221-3, 13 Dec 72

Purification and characterization of a protease produced by Streptococcus faecalis var. liquefaciens. Cano FR, et al. **Prep Biochem** 1:269-82, 1971

In vitro synthesis of procollagen on polysomes. Kerwar SS, et al. **Proc Natl Acad Sci USA** 69:2727-31, Sep 72

Enzymes in enamel maturation. Beynon AD. **Proc R Soc Med** 65:911-2, Oct 72

Enzymic cleavage of post-proline peptide bonds: degradation of arginine-vasopressin and angiotensin II. Shlank H, et al. **Proc Soc Exp Biol Med** 141:452-5, Nov 72

Rat kidney acid hydrolase and glycoprotein:glycosyltransferase activity in lead intoxication. Kirschbaum BB, et al. **Res Commun Chem Pathol Pharmacol** 5:441-58, Mar 73

Histoenzymologic and biochemical investigations into the nervous tissue round an experimentally-induced cerebral hemorrhagic focus. Kreindler A, et al. **Rev Roum Neurol** 9:313-9, 1972

Chromosome assignments in man of the genes for two hexosephosphate isomerases. McMorris FA, et al. **Science** 179:1129-31, 16 Mar 73

Insulin levels in acute experimental pancreatitis in dogs. Satake K, et al. **Surg Gynecol Obstet** 137:467-71, Sep 73

L-amino acid oxidase, phosphodiesterase, total protein and other properties of juvenile timber rattlesnake (C. H. horridus) venom at different stages of growth. Bonilla CA, et al. **Toxicon** 11:301-3, Apr 73

Biological activities contaminating preparations of phospholipase C (-toxin) from Clostridium perfringens. Möllby R, et al. **Toxicon** 11:139-47, Feb 73

Studies on puff adder (Bitis arietans) venom. 3. Ultracentrifuge and ORD studies on protease A. Walt SJ van der, et al. **Toxicon** 10:351-6, Jun 72

The characterisation and stability during storage of human immunoglobulin prepared for clinical use. Mackay M, et al. **Vox Sang** 25:124-40, 1973

Analyses of proteinases in washing powders. Sandvik O, et al. **Zentralbl Bakteriol [Orig B]** 156:512-23, Feb 73

[Otosponglosis, a cellular and lysosomal enzymatic disease; cyto-clinical comparison. II. E.N.G.-hydrolase correlation. Triple E.N.G.-C.O.-hydrolase correlations] Causse J, et al. **Ann Otolaryngol Chir Cervicofac** 89:563-95, Oct-Nov 72 (Eng. Abstr.) **(Fre)**

[Otosclerosis, enzymatic, cellular and lysosomal disease. Cytoclinical confrontation] Causse J, et al. **Rev Laryngol Otol Rhinol (Bord)** 93:640-70, Nov-Dec 72 (Eng. Abstr.) **(Fre)**

[Possibilities for the assessment of chronic obstructive airway diseases through the analyses of bronchial mucus] Rasche B, et al. **Pneumonologie** 148:141-59, 1973 (Eng. Abstr.) **(Ger)**

[Variability of physiological properties in the genus Microsporum Gruby. I. Utilization of Oleum pedum tauri by M. audouinii and M. gypseum] Böhme H. **Z Allg Mikrobiol** 12:443-50, 1972 (Eng. Abstr.) **(Ger)**

[Excretory function of the pancreas from the geriatric viewpoint] Dietze F, et al. **Z Alternsforsch** 25:397-402, 1972 **(Ger)**

[New methods for simplification of the multi "colored series"] Linzenmeier G. **Zentralbl Bakteriol [Orig A]** 220:186-93, May 72 **(Ger)**

[Analysis of a new cellulolytic digestive enzyme preparation] Kovács-Szabó I, et al. **Acta Pharm Hung** 42:213-9, Sep 72 (Eng. Abstr.) **(Hun)**

[Analysis of L-alanylpeptide hydrolase and alpha-amylase isoenzymes in diseases of the liver, biliary tract and pancreas] Kiss S, et al. **Orv Hetil** 114:1281-4, 3 Jun 73 **(Hun)**

[The isoelectric point of extracellular proteases of certain bacterial species] Galdiero F, et al. **G Batteriol Virol Immunol** 65:140-3, May-Aug 72 (Eng. Abstr.) **(Ita)**

[Inhibitory activity of pepstatin against acid protease and a method of estimating acid protease in gastric juice] Aoyagi T, et al. **Jap J Antibiot** 26:109-14, Apr 73 **(Jap)**

[Physicochemical and enzymatic properties of protease from Aspergillus terricola] Samsonov GV, et al. **Dokl Akad Nauk SSSR** 206:497-9, 11 Sep 72 **(Rus)**

[A method of determining proteolytic activity in agar plates (on a model of streptococcal proteinase)] Smirnova MN, et al. **Lab Delo** 10:611-2, 1972 **(Rus)**

[Changes in proteolytic activity of the gastric juice in experimental ulcer in dogs] Amirov NSh, et al. **Patol Fiziol Eksp Ter** 17:80-3, Mar-Apr 73 (Eng. Abstr.) **(Rus)**

[Effect of mineralocorticoids on the exocrine function of the pancreas] Nazarova GG, et al. **Probl Endokrinol (Mosk)** 19:78-81, May-Jun 73 (Eng. Abstr.) **(Rus)**

[Brain nitrogen metabolism during the growth of transplantable extracerebral sarcomas] Arkhangel'skaia AV, et al. **Vopr Med Khim** 19:201-6, Mar-Apr 73 (Eng. Abstr.) **(Rus)**

[Functional state of the stomach in children with gastroduodenal diseases] Balashova TF, et al. **Vopr Okhr Materin Det** 18:72-7, Feb 73 (Eng. Abstr.) **(Rus)**

Placental proteolytic enzyme activity and some protein metabolism indices in late pregnancy toxicoses]

Tishchenko VK, et al.
Pediatr Akush Ginekol 1:38-40, 1973 **(Ukr)**
[Determination of the proteolytic activity of saliva] Beremeenko KN, et al.
Ukr Biokhim Zh 45:223-6, Mar-Apr 73 (Eng. Abstr.) **(Ukr)**
[Separation of the crystalline complex of Streptomyces griseus proteases and a study of its enzymatic composition] Tsyperovich AS, et al.
Ukr Biokhim Zh 44:559-66, 1972 (Eng. Abstr.) **(Ukr)**
[Chromatographic study of the cationic and anionic proteases of Streptomyces griseus] Tsyperovich AS, et al.
Ukr Biokhim Zh 45:156-60, Mar-Apr 73 (Eng. Abstr.) **(Ukr)**

ANTAGONISTS & INHIBITORS

Studies on the role of protease inhibitor from potato bulbs in digesting protein food. Worowski K, et al.
Acta Physiol Pol 24:361-70, 1973
Proteolytic and lipolytic enzymes from larvae of Oedemagena tarandi (L.). Aurstad K, et al.
Acta Vet Scand 14:168-75, 1973
The effects of gamma irradiation on some properties of two Aeromonas proteinases. Dahle HK, et al.
Acta Vet Scand 13:492-504, 1972
Irradiation of chicken egg white. I. Effect on proteinase inhibitors. Fossum K, et al.
Acta Vet Scand 14:118-28, 1973
The effects of peptide-precipitating lignosulphonic acids on the in vitro proteolytic activity of some animal and microbial proteinases. Naess B, et al.
Acta Vet Scand 14:107-17, 1973
The role of pancreatic enzymes in digestion. Beck IT.
Am J Clin Nutr 26:311-25, Mar 73 (122 ref.)
A simple method for detection and identification of protease inhibitors in serum. Grappel SF.
Am J Clin Pathol 59:521-3, Apr 73
Recommendations concerning the use of bacterial collagenase for isolating collagen-associated molecules from tissues. Benya P, et al.
Anal Biochem 53:313-6, May 73
The use of protease inhibitors during acute haemorrhagic pancreatitis. Experimental findings and clinical implications. Amundsen E.
Ann Chir Gynaecol Fenn 61:284-7, 1972
Total proteolytic activity in experimental pancreatitic tissue. Larmi TK.
Ann Chir Gynaecol Fenn 61:254-9, 1972
Cirrhosis associated with partial deficiency of alpha-1 antitrypsin in an adult. Campra JL, et al.
Ann Intern Med 78:233-8, Feb 73
Neutrophil proteases in inflammation. Janoff A.
Annu Rev Med 23:177-90, 1972 (78 ref.)
Some properties of acid protease from the thermophilic fungus, Penicillium duponti K1014. Hashimoto H, et al. **Appl Microbiol** 25:578-83, Apr 73
Human skin proteases. Fräki JE, et al.
Arch Dermatol Forsch 243:153-63, 1972
Antitrypsin deficiency and abnormal protease inhibitor phenotypes. Mittman C, et al.
Arch Environ Health 27:201-6, Sep 73
Protease inhibitors from Streptomyces violascens. 3. Purification and some properties of the inhibitors. Torstensson NT. **Arch Mikrobiol** 91:11-8, 8 Apr 73
The humoral factor in pulmonary embolism. Hamilton WM, et al. **Arch Surg** 105:593-8, Oct 72
Purification and characterization of inhibitors of insulin specific protease in human serum. Brush JS, et al. **Biochem Biophys Res Commun** 53:894-903, 6 Aug 73
Chitin synthetase activating factor from yeast, a protease. Cabib E, et al.
Biochem Biophys Res Commun 50:186-91, 4 Jan 73
The site of diazoacetyl inhibitor attachment to acid proteinase of Aspergillus awamori--an analog of penicillopepsin and pepsin. Kovaleva GG, et al.
Biochem Biophys Res Commun 49:1075-81, 15 Nov 72
Existence and inhibition of hydrolytic enzymes attacking paramyosin in myofibrillar extracts of Mercenaria mercenaria. Stafford WF 3d, et al.
Biochem Biophys Res Commun 49:848-54, 1 Nov 72
Organelle formation in the presence of a protease inhibitor. Zeldin MH, et al.
Biochem Biophys Res Commun 52:544-9, 15 May 73
The inhibition of tissue acid proteinases by pepstatin. Barrett AJ, et al. **Biochem J** 127:439-41, Apr 72
Peptide-bond hydrolysis equilibria in the antitrypsin site of lima bean protease inhibitor. Krahn J, et al.
Biochemistry 12:1330-5, 27 Mar 73
Studies on extracellular proteolytic enzymes from Staphylococcus aureus. II. Isolation and characterization of an EDTA-sensitive protease. Arvidson S.
Biochim Biophys Acta 302:149-57, 15 Mar 73
Studies on extracellular proteolytic enzymes from Staphylococcus aureus. I. Purification and characterization of one neutral and one alkaline protease. Arvidson S, et al.
Biochim Biophys Acta 302:135-48, 15 Mar 73
Proteolytic enzymes in extracts of Schistosoma mansoni cercariae. Dresden MH, et al.
Biochim Biophys Acta 289:378-84, 7 Dec 72
Isolation of alkaline proteinases from Aspergillus oryzae by one-step affinity chromatography on ovoinhibitor-sepharose column. Feinstein G, et al.
Biochim Biophys Acta 309:196-202, 5 May 73
The purification and properties of an extracellular protease from Aspergillus oryzae NRRL 2160. Klapper BF, et al. **Biochim Biophys Acta** 304:505-12, 28 Apr 73
Acyl azide derivatives in affinity chromatography. Immobilization of enzymatically active trypsin on beaded agarose and porous glass. Loeffler LJ, et al.
Biochim Biophys Acta 317:20-7, 12 Jul 73
Hydrolysis of alanine oligopeptides by an enzyme located in the membrane of Mycoplasma laidlawii. Pecht M, et al.
Biochim Biophys Acta 290:267-73, 1 Dec 72
Proteinase inhibitors in human synovial fluid. Shtacher G, et al. **Biochim Biophys Acta** 303:138-47, 23 Mar 73
Bond specificity, active site and milk clotting mechanism of the Mucor miehei protease. Sternberg M. **Biochim Biophys Acta** 285:383-92, 28 Dec 72
Further evidence for the multispecificity of snail agglutinins: investigations on the Pomacea urceus protectin. Uhlenbruck G, et al. **Blut** 25:335-7, Nov 72
Inhibition of malignant cell invasion in vitro by a proteinase inhibitor. Latner AL, et al.
Br J Cancer 27:460-4, Jun 73
Alpha-1-antitrypsin deficiency and pulmonary emphysema: the role of proteolytic enzymes and their inhibitors. Hutchison DC.
Br J Dis Chest 67:171-96, Jul 73 (103 ref.)
An investigation of the role of intraluminal proteolytic enzymes and intracellular enzyme inhibitors in ulcerative colitis. Goldberg DM, et al.
Br J Exp Pathol 53:359-73, Aug 72
The bradykininase activities of extracts of dog lung. Alabaster VA, et al. **Br J Pharmacol** 47:799-807, Apr 73
A comparison of inhibition constants for the inhibition of -lytic protease and porcine elastase by acetylated alanine peptides. Shaw MC, et al.
Can J Biochem 51:112-4, Jan 73
Lima bean protease inhibitor: reduction and reoxidation of the disulfide bonds and their reactivity in the trypsin-inhibitor complex. Stevens FC, et al.
Can J Biochem 51:1021-8, Jul 73
Protease production by thermophilic fungi. Ong PS, et al. **Can J Microbiol** 19:129-33, Jan 73
Peptidase activity and peptide metabolism in Escherichia coli. Simmonds S.
Ciba Found Symp 43-57, 1971
Osteoinduction in undemineralized bone implants modified by chemical inhibitors of endogenous matrix enzymes. A preliminary report. Urist MR.
Clin Orthop 87:132-7, Sep 72
Partifation and comparative biochemistry of a protease from the starfish Pisastes giganteus. Bundy HF, et al.
Comp Biochem Physiol [B] 44:241-51, 15 Jan 73
Studies on substrate specificities and subcellular location of multiple forms of peptide hydrolases in guinea-pig intestinal mucosa. Donlon J, et al.
Comp Biochem Physiol [B] 41:181-93, 15 Jan 72
Comparison of peptide hydrolases from brush border and cytosol fractions of rat and guinea-pig intestinal mucosa. Fottrell PF, et al.
Comp Biochem Physiol [B] 43:129-35, 15 Sep 72
The inhibition of trypsin and some other proteases by ovorubin, a protein from the eggs of Pomacea canaliculata. Norden DA.
Comp Biochem Physiol [B] 42:569-76, 15 Aug 72
Partial purification and some enzymatic properties of proteolytic enzyme fractions isolated from Pisaster ochraceus (echinoderm) pyloric caeca. Peng RK, et al.
Comp Biochem Physiol [B] 44:1207-17, 15 Apr 73
Properties of a proteolytic enzyme from Schistosoma mansoni. Sauer MC, et al.
Comp Biochem Physiol [B] 42:205-20, 15 Jun 72
Diversity of proteases in the keratinolytic larvae of the

webbing clothes moth, Tineola bisselliella. Ward CW. **Comp Biochem Physiol [B]** 42:131-5, 15 May 72

The action of a human uterine protease on the estrogen receptor. Notides AC, et al. **Endocrinology** 93:210-6, Jul 73

Purification and subunit interactions of yeast hexokinase. Easterby JS, et al. **Eur J Biochem** 28:241-52, 13 Jul 72

Purification and properties of an inhibitor of the tryptophan-synthase-inactivating enzymes in yeast. Ferguson AR, et al. **Eur J Biochem** 32:444-50, 1 Feb 73

An alkaline protease from Acremonium kiliense. Specificity, kinetics, and effect of pH. Heyningen S van. **Eur J Biochem** 28:432-7, 24 Jul 72

Acrosomal proteolytic activity of amphibian sperm. A direct demonstration. Penn A, et al. **Exp Cell Res** 74:285-8, Sep 72

Effects of aprotinin on organ cultures of the cerebellum of the adult rat. Drayton MR, et al. **Exp Neurol** 39:381-8, Jun 73

Gel diffusion methods for determination of protease and protease-inhibiting activities. Carlsson L, et al. **Experientia** 28:990-1, 15 Aug 72

Inhibition of keratinases by 2 -macroglobulin. Yu RJ, et al. **Experientia** 28:886, 15 Aug 72

Evidence for adsorbed proteolytic activity on isolated yeast phosphofructokinase. Diezel W, et al. **FEBS Lett** 27:195-7, 1 Nov 72

Cartilage cathepsin D and its action on matrix components. Woessner JF Jr. **Fed Proc** 32:1485-8, Apr 73

Human sperm acrosomal proteinase: antibody inhibition and immunologic dissimilarity to human pancreatic trypsin. Zaneveld LJ, et al. **Fertil Steril** 24:479-84, Jun 73

Osteoarthritis: a new look at an old disease. Moskowitz RW. **Geriatrics** 28:121-8, Jun 73 (39 ref.)

Observations on folate absorption with particular reference to folate polyglutamate and possible inhibitors to its absorption. Perry J, et al. **Gut** 13:544-50, Jul 72

Chronic obstructive lung diease: the result of the interaction of genetic and environmental factors. Mittman C. **Hell Adelphe** 2:222-6, Mar-Apr 73

Inhibitors of proteolysis and glucose uptake by diaphragm muscle in vitro under insulin action. Felix JM, et al. **Horm Metab Res** 5:89-93, Mar 73

The effects of immune complexes on blood platelets and their relationship to complement activation. Pfueller SL, et al. **Immunochemistry** 9:1151-65, Nov 72 (152 ref.)

Reduction by serum proteinase inhibitors of B. subtilis proteinase-induced hypersensitivity reactions. Debanne MT, et al. **Int Arch Allergy Appl Immunol** 44:854-61, 1973

Molar absorptivity and A-1 per cent-1cm values for proteins at selected wavelengths of the ultraviolet and visible region. VI. Kirschenbaum DM. **Int J Protein Res** 4:125-40, 1972 (145 ref.)

Biochemical and microbiological studies on 6-substituted penicillins. Ho PP, et al. **J Antibiot (Tokyo)** 25:627-8, Oct 72

Chemical and physicochemical characterization of two different types of proteinase inhibitors (inhibitors II-a and II-b) from potatoes. Iwasaki T, et al. **J Biochem (Tokyo)** 72:1029-35, Oct 72

Chemical and physicochemical characterization of potato proteinase inhibitor I and comparison of its specificity with those of inhibitors II-a and II-b. Kiyohara T, et al. **J Biochem (Tokyo)** 73:89-95, Jan 73

Inactivation of Rhodotorula glutinis acid protease by diazoacetyl compounds. Liu CL, et al. **J Biochem (Tokyo)** 73:671-3, Mar 73

The structure and function of acid proteases. Specific inactivation of an acid protease from Rhizopus chinensis by diazoacetyl-DL-norleucine methyl ester. Mizobe F, et al. **J Biochem (Tokyo)** 73:61-8, Jan 73

Specific chemical modifications of acid proteases in the presence and absence of pepstatin. Takahashi K, et al. **J Biochem (Tokyo)** 73:675-7, Mar 73

Purification and properties of an extracellular protease of Staphylococcus aureus. Drapeau GR, et al. **J Biol Chem** 247:6720-6, 25 Oct 72

A collagenolytic system produced by primary cultures of rheumatoid nodule tissue. Harris ED Jr. **J Clin Invest** 51:2973-6, Nov 72

Basic biochemical and pharmacological properties of brinase. Svärd PO. **J Clin Pathol** 25:633-4, Jul 72

Virus-specific polypeptides in ascites cells infected with encephalomyocarditis virus. Dobos P, et al. **J Gen Virol** 17:197-212, Nov 72

Studies on the mechanism of inflammation induced by calcium pyrophosphate crystals. Spilberg I. **J Lab Clin Med** 82:86-91, Jul 73

Crystallization and preliminary X-ray investigation of a new alkaline protease inhibitor and its complex with subtilisin BPN. Satow Y, et al. **J Mol Biol** 75:745-6, 25 Apr 73

Digestion and absorption of protein along the intestinal tract of chicks fed raw and heated soybean meal. Bieloral R, et al. **J Nutr** 103:1291-8, Sep 73

Alpha 1 -antitrypsin deficiency as an indicator of susceptibility to pulmonary disease. Mittman C, et al. **J Occup Med** 15:33-8, Jan 73

Localization of proteolytic activity in Fasciola hepatica. Howell MJ. **J Parasitol** 59:454-6, Jun 73

Oligopeptidases of brush border membranes of rat small intestinal mucosal cells. Fujita M, et al. **J Physiol (Lond)** 227:377-94, Dec 72

Interaction of human sperm acrosomal proteinase with human seminal plasma proteinase inhibitors. Zaeveld LJ, et al. **J Reprod Fertil** 32:525-9, Mar 73

Leupeptin, a protease inhibitor, inhibits the PHA-stimulated DNA synthesis in guinea pig blood lymphocytes. Saito M, et al. **Jap J Exp Med** 42:509-11, Oct 72

Substrate inhibition of Mamushi venom proteinases by casein. Tirrell R, et al. **Jap J Exp Med** 43:153-6, Apr 73

Antitrypsin deficiency and adult cirrhosis. **Lancet** 809:925, 28 Apr 73

Antitrypsin deficiency and adult cirrhosis. **Lancet** 1:925, 28 Apr 73

Protease activity establishes the block against polyspermy in sea urchin eggs. Vacquier VD, et al. **Nature** 240:352-3, 8 Dec 72

Growth control and cyclic alterations of cyclic AMP in the cell cycle. Burger MM, et al. **Nature [New Biol]** 239:161-3, 11 Oct 72

Protease inhibitors as snake venom toxins. Strydom DJ. **Nature [New Biol]** 243:88-9, 16 May 73

Study of the 2 macroglobulin-plasmin interaction mechanism. Steinbuch M, et al. **Pathol Biol (Paris)** Suppl:52-5, Dec 72

Acquired coagulation disorders in children. McMillan CW, et al. **Pediatr Clin North Am** 19:1029-45, Nov 72

Selective inhibition of growth of transformed cells by protease inhibitors. Schnebli HP, et al. **Proc Natl Acad Sci USA** 69:3825-7, Dec 72

Molecular forms of plasmin and protease inhibitors in human fibrinolytic post-mortem plasma. Müllertz S. **Scand J Clin Lab Invest** 30:369-79, Dec 72

Observations on endopeptidases in human carious dentin. Larmas M. **Scand J Dent Res** 80:520-3, 1972

Pentapeptide (pepstatin) inhibition of brain acid proteinase. Marks N, et al. **Science** 181:949-51, 7 Sep 73

The effects of brinolase (fibrinolytic enzyme from Aspergillus Oryzae) on platelet aggregation of dog and man. Roschlau WH, et al. **Thromb Diath Haemorrh** 28:31-48, 31 Aug 72

The effect of enzyme inhibitors on the solubilization of HL-A antigens with 3 M KCl. Mann DL. **Transplantation** 14:398-401, Sep 72

[Pi system. I. Antiprotease capacity and the possibilities of its examination in preventive and clinical practice in children] Halatová A, et al. **Cesk Pediatr** 28:233-6, 1973 (Eng. Abstr.) **(Cze)**

[Study of protease inhibitory system (Pi) in rheumatoid arthritis] Štěpán J, et al. **Vnitr Lek** 18:997-1002, Oct 72 (Eng. Abstr.) **(Cze)**

[Protease inhibitors] Metais P, et al. **Ann Biol Clin (Paris)** 30:413-6, 1972 **(Fre)**

[Fibrinolytic activity found in intracranial tumors] Koos W, et al. **Neurochirurgie** 17:549-57, Dec 71 (Eng. Abstr.) **(Fre)**

[Fibrinolysis. Its resurgence during surgery of portal hypertension] Guilmet C, et al. **Nouv Presse Med** 1:2023-4, 9 Sep 72 **(Fre)**

[In vitro effect of ethanol on trypsin activity and plasma and serum proteolytic inhibitors] Laporte JC. **Nutr Metab** 14:271-81, 1972 (Eng. Abstr.) **(Fre)**

[Pi system in Norman and Amerindian populations] Vandeville D, et al. **Rev Fr Transfus** 15:213-8, Jun 72 (Eng. Abstr.) **(Fre)**

[Alpha 1 - antitrypsin, a modern glycoprotein] Labadie P. **Rev Prat** 23:2876 passim, 1 Jun 73 **(Fre)**

[The antirheumatic enzyme therapy approach] Galmiche P, et al. **Rev Rhum Mal Osteoartic** 39:215-20, Mar 72 (Eng. Abstr.) **(Fre)**

[Trial of local treatment of rheumatismal diseases with an enzyme inhibitor (Kunitz's inhibitor)] Lapousse JC, et al. **Rhumatologie 24:263-71, Aug-Sep 72 (Fre)**

[Study of effects of aprotinine administered by para and intraarticular injection. I. Experimental study] Marcy R. **Therapie 27:1021-30, Nov-Dec 72 (Fre)**

[Simultaneous determination of peroxidase, lysozyme and low molecular proteinase inhibitor in human nasal secretion] Reichert R, et al. **Arch Klin Exp Ohren Nasen Kehlkopfheilkd 203:109-14, 1972 (Eng. Abstr.) (Ger)**

[Human thrombin inhibitors (2 -macroglobulin and antithrombin 3) during and after surgical and gynecologic-obstetrical intervention] Fischer M. **Folia Haematol (Leipz) 98:397-407, 1972 (Ger)**

[Identification of organs of snails (Helix pomatia) synthetizing protease inhibitors] Tschesche H, et al. **Hoppe Seylers Z Physiol Chem 353:1189-93, Jul 72 (Eng. Abstr.) (Ger)**

[Synthesis of amidinobenzoic acid- and amidinobenzylsulfonic acid esters with antiproteolytic activity] Wagner G, et al. **Pharmazie 28:288-92, May 73 (Ger)**

[Synthesis of esters of guanidinobenzoic acids and guanidinomethylbenzoic acids with antiproteolytic activity] Wagner G, et al. **Pharmazie 28:293-6, May 73 (Ger)**

[Concentration of low-molecular protease inhibitor in the bronchial secretion in 1 -antitrypsin deficiency] Reichert R, et al. **Pneumonologie 147:41-5, 1972 (Eng. Abstr.) (Ger)**

[The protease-inhibitor capacity of human bronchial mucus. Content in low molecular inhibitor and 1 -antitrypsin under physiological and physiopathological conditions] Reichert R, et al. **Pneumonologie 147:13-20, 1972 (Eng. Abstr.) (Ger)**

[Possibilities for inactivation of protease activity in sputum by protease inhibitors in chronic obstructive airway diseases] Rasche B, et al. **Res Exp Med (Berl) 158:229-45, 1972 (Eng. Abstr.) (Ger)**

[Mediator functions of leukocytes with polymorphic nuclei in mitogen-induced proliferation of autologous lymphocytes. (Significance of the protease-antiprotease and esterase-antiesterase system for growth)] Arend P, et al. **Verh Dtsch Ges Inn Med 78:681-4, 1972 (Ger)**

[Experiences with the treatment of combustion] Krafft L, et al. **Z Aerztl Fortbild (Jena) 66:774-7, 1 Aug 72 (Ger)**

[The effect of Trasylol on experimental endotoxic shock and hemorrhagic necrosis of the intestine] Wiznitzer T, et al. **Harefuah 84:368-72, 1 Apr 73 (Eng. Abstr.) (Heb)**

[Cytoprotective effectiveness of some substances on erythrocytic and leukocytic blood cells subjected to hyperthermal damage] Granata A, et al. **Minerva Med 64:1375-8, 21 Apr 73 (Eng. Abstr.) (Ita)**

[Effect of a protease inhibitor on bacterial multiplication] Gastaldi G, et al. **Pathologica 63:223-31, Sep-Oct 71 (Eng. Abstr.) (Ita)**

[Inhibitory effect of 4-(2-carboxyethyl) phenyl trans-4-aminomethyl cyclohexane carboxylate hydrochloride on fibrinolysis, esterolysis and proteolysis and its degradation by serum esterases: in vitro study] Nagamatsu Y, et al. **Acta Haematol Jap 36:150-8, Apr 73 (Eng. Abstr.) (Jap)**

[Inhibitory activity of pepstatin against acid protease and a method of estimating acid protease in gastric juice] Aoyagi T, et al. **Jap J Antibiot 26:109-14, Apr 73 (Jap)**

[Food hygienic studies of sulfite. 3. Effects of sulphus oxides on microbial hydrolytic enzymes and digestive enzymes] Yokota K, et al. **Jap J Hyg 26:481-5, Feb 72 (Eng. Abstr.) (Jap)**

[Diphtheria toxin--a specific inhibitor of protein synthesis] Olsnes S. **Tidsskr Nor Laegeforen 93:223-7, 10 Feb 73 (Eng. Abstr.) (Nor)**

[Proteolytic enzymes and their inhibitors in chronic non-tuberculous diseases of the respiratory system] Chyrek-Borowska S, et al. **Pol Tyg Lek 28:915-8, 1973 (34 ref.) (Pol)**

[Alpha-1-antitrypsin of blood serum: its biochemical properties, inborn deficiencies and biological functions] Koj A. **Przegl Lek 29:699-705, 1972 (76 ref.) (Pol)**

[Genetically determined pulmonary emphysema] Pawlikowski T. **Wiad Lek 26:1223-6, 1 Jul 73 (29 ref.) (Eng. Abstr.) (Pol)**

[Effect of nafarin, vikasol, streptokinase and pantripin on carbohydrate metabolism in rat tissues] Smirnov PA, et al. **Farmakol Toksikol 36:58-62, Jan-Feb 73 (Eng. Abstr.) (Rus)**

[Proteinase inhibitors and staphylococcal infections] Zolotukhin NA. **Khirurgiia (Mosk) 48:79-80, Sep 72 (Eng. Abstr.) (Rus)**

[Study of the proteolytic activity in some cestode species] Dubovskaia AIa. **Parazitologiia 7:154-9, Mar-Apr 73 (Eng. Abstr.) (Rus)**

[The effect of anti-enzyme therapy on the intracellular metabolism of blood leukocytes in chronic diseases of the pancreas] Veprinskaia SI, et al. **Vrach Delo 11:61-2, Nov 72 (Eng. Abstr.) (Rus)**

[Protease inhibitors] Rodríguez Cuartero A. **Rev Esp Enferm Apar Dig 39:331-6, 1 Feb 73 (Eng. Abstr.) (Spa)**

[Properties of an extracellular protease of Serratia marcescens] Cruz Camarillo R, et al. **Rev Lat Am Microbiol 14:29-35, Jan-Mar 72 (Eng. Abstr.) (Spa)**

[Determination of the proteolytic activity of saliva] Beremeenko KN, et al. **Ukr Biokhim Zh 45:223-6, Mar-Apr 73 (Eng. Abstr.) (Ukr)**

[Intraportal inhibition of proteinase by Trasylol after prolonged perfusion] Holec V, et al. **Rozhl Chir 51:613-20, Oct 72 (Eng. Abstr.) (Slo)**

BIOSYNTHESIS

Isolation and properties of proteolytic enzymes of Streptomyces erythreus. I. Isolation of crude enzyme preparation. Stachowicz KJ. **Acta Microbiol Pol [B] 4:227-31, 1972**

Physiological properties and enzymatic activity of an Arthrobacter capable of lysing Fusarium sp. Szajer C, et al. **Acta Microbiol Pol [B] 5:81-6, 1973**

Proteases of Clostridium botulinum. II. The relationship between growth medium and the production of proteases by Clostridium botulinum types A, B, C, D, E and F. Tjaberg TB. **Acta Vet Scand 14:193-200, 1973**

Byssochlamyopeptidase A, a rennin-like enzyme produced by Byssochlamys fulva. Chu FS, et al. **Appl Microbiol 25:163-8, Feb 73**

Thermostable acid protease produced by Penicillium duponti K1014, a true thermophilic fungus newly isolated from compost. Hashimoto H, et al. **Appl Microbiol 24:986-92, Dec 72**

Production and purification of acid protease from the thermophilic fungus, Penicillium duponti K1014. Hashimoto H, et al. **Appl Microbiol 25:584-8, Apr 73**

Significance of Staphylococcus epidermidis in the clinical laboratory. Marsik FJ, et al. **Appl Microbiol 25:11-4, Jan 73**

Proteolytic enzyme preparation from Pseudomonas fragi: its action on pig muscle. Tarrant PJ, et al. **Appl Microbiol 25:996-1005, Jun 73**

The production and secretion of procollagen peptidase by human fibroblasts in culture. Layman DL, et al. **Arch Biochem Biophys 152:451-6, Aug 73**

Possible enzymatic base of bacteriolysis by bdellovibrios. Huang JC, et al. **Arch Mikrobiol 89:147-67, 5 Feb 73**

Collagenase and proteinase induction in implants of bone matrix. Strates BS, et al. **Biochem Biophys Res Commun 49:752-7, 1 Nov 72**

Membrane mutation related to the production of extracellular -amylase and protease in bacillus subtilis. Yoneda Y, et al. **Biochem Biophys Res Commun 50:765-70, 5 Feb 73**

Factors affecting the synthesis and release of the extracellular protease of Aspergillus oryzae NRRL 2160. Klapper BF, et al. **Biochim Biophys Acta 304:513-9, 28 Apr 73**

Immunochemical characterization of commercial protease products. Hodson PH, et al. **Biotechnol Bioeng 15:519-32, May 73**

Proteolytic activity of Entamoeba histolytica. 3. Some properties of the enzyme. Mukherjea AK, et al. **Bull Calcutta Sch Trop Med 19:94-5, Oct 71**

Relationships between host origin of staphylococcal strains and their virulence for mice. Chesbro W, et al. **Can J Microbiol 18:1371-8, Sep 72**

Role of vacuoles and vesicles in extracellular enzyme

secretion from yeast. Holley RA, et al. **Can J Microbiol** 19:113-7, Jan 73

Protease production by thermophilic fungi. Ong PS, et al. **Can J Microbiol** 19:129-33, Jan 73

Hormonal control of a secretory tissue. Yomo H, et al. **Curr Top Dev Biol** 6:111-44, 1971

Regulation of the formation of proteinases in Bacillus megaterium. V. Characterization of two megaterioproteinases differing in the control of their synthesis. Chan NH, et al. **Folia Microbiol (Praha)** 17:281-90, 1972

Inducibility of lipase in Candida lipolytica. Kalle GP, et al. **Indian J Biochem Biophys** 9:171-5, Jun 72

Production of extracellular fungal collagenase. Kundu AK, et al. **Indian J Exp Biol** 10:73-4, Jan 72

Production of extracellular enzymes and enterotoxins A, B, and C by Staphylococcus aureus. Jarvis AW, et al. **Infect Immun** 4:110-5, Aug 71

Correlation of M protein production with those factors found to influence growth and substrate utilization of Streptococcus pyogenes. Pine L, et al. **Infect Immun** 5:688-80, May 72

Phenotypes of pleiotropic-negative sporulation mutants of Bacillus subtilis. Brehm SP, et al. **J Bacteriol** 115:1063-70, Sep 73

Effects of mutational loss of specific intracellular proteases on the sporulation of Bacillus subtilis. Hageman JH, et al. **J Bacteriol** 114:612-7, May 73

Hyperprotease-producing mutants of Bacillus subtilis. Higerd TB, et al. **J Bacteriol** 112:1026-8, Nov 72

Inactivation of aspartic transcarbamylase in sporulating Bacillus subtilis: demonstration of a requirement for metabolic energy. Waindle LM, et al. **J Bacteriol** 114:517-27, May 73

The role of soft connective tissue in the response of pig articular cartilage in organ culture to excess of retinol. Barratt ME. **J Cell Sci** 13:205-19, Jul 73

A collagenolytic system produced by primary cultures of rheumatoid nodule tissue. Harris ED Jr. **J Clin Invest** 51:2973-6, Nov 72

Continuous culture studies on the biosynthesis of alkaline protease, neutral protease and -amylase by Bacillus subtilis NRRL-B3411. Heineken FG, et al. **J Gen Microbiol** 73:35-44, Nov 72

Production of enzymes and toxins by hospital strains of Pseudomonas aeruginosa in relation to serotype and phage-typing pattern. Wretlind B, et al. **J Med Microbiol** 6:91-100, Feb 73

Dynamic state of the messenger RNA pool specific for extracellular protease in Bacillus amyloliquefaciens: its relevance to the mechanism of enzyme secretion. Glenn AR, et al. **J Mol Biol** 73:221-30, 10 Jan 73

Accumulation of messenger RNA for extracellular enzymes as a general phenomenon in Bacillus amyloiquefaciens. Gould AR, et al. **J Mol Biol** 73:213-9, 10 Jan 73

Enzymatic and toxinogenic activity of culture filtrates of high and low virulent strains of Pseudomonas aeruginosa on mice. Muszyński Z. **Pathol Microbiol (Basel)** 39:135-47, 1973

[Characterization of the proteolytic and amylolytic activity of one strain of Bac. mesentericus in directed culture] Nachev L, et al. **Izv Mikrobiol Inst (Sofiia)** 23:29-40, 1972 (Eng. Abstr.) (Bul)

[Ultilization of microbial proteases in the dairy industry. 1. Studies of the conditions for the production of the milk-coagulating enzyme by Endothia parasitica and Mucor pusillus] Cserháti T, et al. **Nahrung** 16:431-40, 1972 (Eng. Abstr.) (Ger)

[Enzymic character of toxic substances released by the entomophagous fungus Beauveria bassiana and their stimulation of their production] Leopold H, et al. **Zentralbl Bakteriol [Naturwiss]** 128:31-41, 1973 (Eng. Abstr.) (Ger)

[Biosynthesis of fibrinolytic enzymes by actinomycetes growing on different media] Egorov NS, et al. **Biol Nauki** 3:89-93, 1972 (Rus)

[Thermogenesis in the process of growth of the thermophilic strain of Bacillus brevis and its protease synthesis] Platonov AL, et al. **Mikrobiologiia** 41:633-8, Jul-Aug 72 (Eng. Abstr.) (Rus)

[Effect of carbon compounds on the formation of proteolytic enzymes by Fusarium graminearum and Alternaria sp] Prudlov B, et al. **Mikrobiologiia** 41:791-7, Sep-Oct 72 (Eng. Abstr.) (Rus)

[Induced nature of biosynthesis of lytic enzymes by a growing culture of Actinomyces globisporus 8] Shkliar BKh, et al. **Mikrobiologiia** 41:787-90, Sep-Oct 72 (Eng. Abstr.) (Rus)

[Growth, development and synthesis of extracellular protease by the thermophilic bacterium Bacillus brevis] Tsaplina IA, et al. **Mikrobiologiia** 41:798-804, Sep-Oct 72 (Eng. Abstr.) (Rus)

[Physiological and biochemical properties of the mutant Aspergillus fumaricus 128-2, producer of acid proteinase] Grigorian DT, et al. **Prikl Biokhim Mikrobiol** 9:37-40, Jan-Feb 73 (Eng. Abstr.) (Rus)

[Proteinase biosynthesis by mutant strains of Aspergillus terricola] Popova NV, et al. **Prikl Biokhim Mikrobiol** 8:313-8, May-Jun 72 (Eng. Abstr.) (Rus)

[Biosynthesis of lytic enzymes by Actinomyces globisporus 8 and their action on Candida yeasts] Shkliar BKh, et al. **Prikl Biokhim Mikrobiol** 8:181-5, Mar-Apr 72 (Eng. Abstr.) (Rus)

[Biosynthesis of proteolytic enzymes by bacteria on hydrocarbon media] Kolchinskaia ID, et al. **Mikrobiol Zh** 33:147-54, 1972 (Eng. Abstr.) (Ukr)

BLOOD

A simple method for detection and identification of protease inhibitors in serum. Grappel SF. **Am J Clin Pathol** 59:521-3, Apr 73

Variation in red cell enzyme groups among populations of the Western Caroline Islands, Micronesia. Blake NM, et al. **Am J Hum Genet** 25:413-21, Jul 73

Common polymorphism of peptidase A. Electrohoretic variants associated with quantitative variation of red cell levels. Lewis WH. **Ann Hum Genet** 36:267-71, Jan 73

The genetics of peptidase C in man. Povey S, et al. **Ann Hum Genet** 35:455-65, Apr 72

Comparative tissue distribution and substrate specificity of electrophoretical distinct peptidases in the rabbit, the rat and the gerbil. Womack JE, et al. **Comp Biochem Physiol [B]** 44:915-21, 15 Mar 73

The enzymes of the granules of polymorphonuclear leukocytes and their functions. Baggiolini M. **Enzyme** 13:132-60, 1972 (150 ref.)

Gel diffusion methods for determination of protease and protease-inhibiting activities. Carlsson L, et al. **Experientia** 28:990-1, 15 Aug 72

Population genetic studies in Australian Aborigines of the Northern Territory. The distribution of some serum protein and enzyme groups among populations at various localities in the Northern Territory of Australia. Kirk RL, et al. **Hum Biol Oceania** 1:54-76, Feb 71

The distribution of some enzyme group systems among Parsis and Iranis in Bombay. Undevia JV, et al. **Hum Hered** 22:275-82, 1972

Some red cell enzyme phenotype frequencies in Chinese. Chen SH, et al. **Humangenetik** 17:341-3, 1973

Release of intracellular constituents from rabbit polymorphonuclear leukocytes exposed to soluble and insoluble immune complexes. Taichman NS, et al. **Int Arch Allergy Appl Immunol** 43:182-95, 1972

Gallstone dissolution in man using chenodeoxycholic acid. Bell GD, et al. **Lancet** 2:1213-6, 9 Dec 72

Proteolytic activity of leukemic cells--a new differential diagnostic method in acute leukemia. Kirchmayer S, et al. **Mater Med Pol** 3:7-9, Jan-Mar 71

Increased susceptibility to infection in a patient with type II essential hypercatabolism of C3. Alper CA, et al. **N Engl J Med** 288:601-6, 22 Mar 73

Genetic factors in fat mobilization. **Nutr Rev** 31:157-8, May 73 (3 ref.)

Inactivator of the third component of complement as an inhibitor in the properdin pathway. Alper CA, et al. **Proc Natl Acad Sci USA** 69:2910-3, Oct 72

Red cell peptidase polymorphism in pigs, cattle, dogs and mink. Saison R. **Vox Sang** 25:173-81, 1973

[In vitro effect of ethanol on trypsin activity and plasma and serum proteolytic inhibitors] Laporte JC. **Nutr Metab** 14:271-81, 1972 (Eng. Abstr.) (Fre)

[Effect of experimental immune damage of placenta and chorionic membrane in the Wistar rat on the development of rat fetuses and newborn rats. Activity of lysosomal enzymes (acid proteases and beta-glucuronidase)] Goetze T, et al. **Acta Biol Med Ger** 30:241-51, 1973 (Eng. Abstr.) (Ger)

[Determination of collagenpeptidase activity as a

measure of therapeutic effect in sarcoidosis] Müller W, et al.
Dtsch Med Wochenschr 98:1253-5, 22 Jun 73 (Eng. Abstr.) (Ger)
[Comparative studies on erythrocyte and plasma enzymes in pernicious anemia] Sári B, et al.
Folia Haematol (Leipz) 97:291-301, 1972 (Eng. Abstr.) (Ger)
[Demonstration and quantitative determination of complexes between leukocyte protease and 1 -antitrypsin in body secretions and body fluids] Hochstrasser K, et al.
Hoppe Seylers Z Physiol Chem 353:1120-4, Jul 72 (Eng. Abstr.) (Ger)
[Measurement of neutral peptidase activity in leukocyte homogenate with carboxypropionylphenylalanine-p-nitranilide substrate] Kolarz G, et al.
Wien Med Wochenschr 123:62-5, 3 Feb 73 (Ger)
[Activities of some lysosomal enzymes of human white blood cells in rheumatoid arthritis, lupus erythematosus and ankylosing spondylitis] Fidelski R, et al.
Acta Haematol Pol 2:229-34, Jul-Sep 71 (Eng. Abstr.) (Pol)
[Proteolytic activity of human blood lymphocytes determined by means of casein labeled with radioactive iodine (I 131J)] Halawa B, et al.
Acta Haematol Pol 2:219-22, Jul-Sep 71 (Eng. Abstr.) (Pol)
[Behavior of some lysosomal enzymes of rabbits' leukocytes in experimental disease following thermal burns] Niedworok J, et al.
Acta Physiol Pol 23:987-95, Nov-Dec 72 (Eng. Abstr.) (Pol)
[Proteolytic activity of lymphocytes in the transplantation response in the light of the use of immunosuppressors] Patkowski J, et al.
Acta Physiol Pol 23:973-85, Nov-Dec 72 (Eng. Abstr.) (Pol)
[Hageman enzyme as a trigger of blood kininogenesis systems] Buluk K, et al.
Pol Arch Med Wewn 50:475-80, May 73 (44 ref.) (Pol)
[Proteolytic and antitrypsin activity of plasma in allergic bronchial asthma] Hofman J.
Pol Arch Med Wewn 50:763-8, Aug 73 (Eng. Abstr.) (Pol)
[Proteolytic and antitrypsin activity of plasma in patients with bronchial asthma and chronic bronchitis with coexisting emphysema] Hofman J, et al.
Pol Arch Med Wewn 50:345-52, Apr 73 (Eng. Abstr.) (Pol)
[The dependence of the complement system and its fraction on the activity of proteolytic enzymes] Pietruska Z, et al.
Pol Tyg Lek 28:1137-41, 23 Jul 73 (Eng. Abstr.) (Pol)
[Correlation between coagulation, proteolysis and immunological phenomena] Bogdanikowa B, et al.
Postepy Hig Med Dosw 27:469-81, Jul-Aug 73 (Eng. Abstr.) (Pol)
[Lysosome hydrolases of white blood cells in some autoimmune skin diseases and in experimental animals with immediate and delayed hypersensitivity] Onisk Z, et al.
Przegl Dermatol 59:601-7, Sep-Oct 72 (Eng. Abstr.) (Pol)
[Study of proteolytic activity in Q fever] Bușilă VT, et al.
Microbiol Parazitol Epidemiol (Bucur) 17:411-5, Sep-Oct 72 (Eng. Abstr.) (Rum)
[Proteolytic and antitrypsinolytic activity and the state of the serum proteins in severe burns] Klimov IA, et al. **Lab Delo** 4:226-7, 1973 (Rus)

CLASSIFICATION

Proteases of Clostridium botulinum. I. Classification of proteases and literature survey. Tjaberg TB.
Acta Vet Scand 14:184-92, 1973
Immunochemical characterization of commercial protease products. Hodson PH, et al.
Biotechnol Bioeng 15:519-32, May 73
[Endocellular peptidases of animal tissues] Mariak RT, et al. **Postepy Biochem** 19:279-97, 1973 (Pol)

ISOLATION & PURIFICATION

Isolation and properties of proteolytic enzymes of streptomyces erythreus. II. Properties of crude enzyme preparation. Stachowicz KJ.
Acta Microbiol Pol [B] 5:21-7, 1973
Isolation and properties of proteolytic enzymes of Streptomyces erythreus. I. Isolation of crude enzyme preparation. Stachowicz KJ.
Acta Microbiol Pol [B] 4:227-31, 1972
Proteases of Clostridium botulinum. I. Classification of proteases and literature survey. Tjaberg TB.
Acta Vet Scand 14:184-92, 1973
Byssochlamyopeptidase A, a rennin-like enzyme produced by Byssochlamys fulva. Chu FS, et al.
Appl Microbiol 25:163-8, Feb 73
Some properties of acid protease from the thermophilic fungus, Penicillium duponti K1014. Hashimoto H, et al. **Appl Microbiol** 25:578-83, Apr 73
Thermostable acid protease produced by Penicillium duponti K1014, a true thermophilic fungus newly isolated from compost. Hashimoto H, et al.
Appl Microbiol 24:986-92, Dec 72
Production and purification of acid protease from the thermophilic fungus, Penicillium duponti K1014. Hashimoto H, et al. **Appl Microbiol** 25:584-8, Apr 73
Characterization of a heat-stable protease of Pseudomonas fluorescens P26. Mayerhofer HJ, et al.
Appl Microbiol 25:44-8, Jan 73
Proteolytic enzyme preparation from Pseudomonas fragi: its action on pig muscle. Tarrant PJ, et al.
Appl Microbiol 25:996-1005, Jun 73
Separation and partial purification of extracellular amylase and protease from Bacillus caldolyticus. Grootegoed JA, et al. **Arch Mikrobiol** 90:223-32, 1973
Participation of the tryptophan synthase inactivating system from yeast in the activation of chitin synthase. Hasilik A, et al.
Biochem Biophys Res Commun 53:552-9, 17 Jul 73
Studies on extracellular proteolytic enzymes from Staphylococcus aureus. II. Isolation and characterization of an EDTA-sensitive protease. Arvidson S.
Biochim Biophys Acta 302:149-57, 15 Mar 73
Studies on extracellular proteolytic enzymes from Staphylococcus aureus. I. Purification and characterization of one neutral and one alkaline protease. Arvidson S, et al.
Biochim Biophys Acta 302:135-48, 15 Mar 73
Protein catabolism. II. Identification of neutral and acidic proteolytic enzymes in Aspergillus niger. Bosmann HB.
Biochim Biophys Acta 293:476-89, 15 Feb 73
Isolation of alkaline proteinases from Aspergillus oryzae by one-step affinity chromatography on ovoinhibitor-sepharose column. Feinstein G, et al.
Biochim Biophys Acta 309:196-202, 5 May 73
The purification and properties of an extracellular protease from Aspergillus oryzae NRRL 2160. Klapper BF, et al. **Biochim Biophys Acta** 304:505-12, 28 Apr 73
Studies on a human blood platelet protease with elastolytic activity. Legrand Y, et al.
Biochim Biophys Acta 309:406-13, 6 Jun 73
Characteristics and isolation of the phagocytosis-stimulating peptide, tuftsin. Nishioka K, et al. **Biochim Biophys Acta** 310:217-29, 17 May 73
On subunit II of bovine procarboxypeptidase A. Properties after alkaline dissociation. Puigserver A, et al. **Biochim Biophys Acta** 276:519-30, 28 Aug 72
Subcellular distribution and characterization of endo and exo-cellular proteases in E. coli. Regnier P, et al.
Biochimie 54:1227-36, 1972
Immunochemical characterization of commercial protease products. Hodson PH, et al.
Biotechnol Bioeng 15:519-32, May 73
Proteolytic components of alkaline proteases of Bacillus strains. Zymograms and electrophoretic isolation. Zuidweg MH, et al.
Biotechnol Bioeng 14:685-714, Sep 72
Isolation and partial purification of protease from calf thymus chromatin. Kurecki T, et al.
Bull Acad Pol Sci [Biol] 20:543-6, 1972
Purification and characterization of a lytic peptidase produced by Bdellovibrio bacteriovorus 6-5-S. Fackrell HB, et al. **Can J Microbiol** 19:659-66, May 73
Alkaline proteinases a and b produced by Streptomyces griseoviridis. Nakamura S, et al.
Chem Pharm Bull (Tokyo) 21:584-8, Mar 73
A new semi-alkaline proteinase produced by Streptomyces cinereoruber. Nakamura S, et al.
Chem Pharm Bull (Tokyo) 21:664-7, Mar 73
Subcellular fractionation of the enterocyte with special reference to peptide hydrolases. Peters TJ.
Ciba Found Symp 107-22, 1971

Partifation and comparative biochemistry of a protease from the starfish Pisastes giganteus. Bundy HF, et al. **Comp Biochem Physiol [B] 44:241-51, 15 Jan 73**

Studies on substrate specificities and subcellular location of multiple forms of peptide hydrolases in guinea-pig intestinal mucosa. Donlon J, et al. **Comp Biochem Physiol [B] 41:181-93, 15 Jan 72**

Partial purification and some enzymatic properties of proteolytic enzyme fractions isolated from Pisaster ochraceus (echinoderm) pyloric caeca. Peng RK, et al. **Comp Biochem Physiol [B] 44:1207-17, 15 Apr 73**

Properties of a proteolytic enzyme from Schistosoma mansoni. Sauer MC, et al. **Comp Biochem Physiol [B] 42:205-20, 15 Jun 72**

Diversity of proteases in the keratinolytic larvae of the webbing clothes moth, Tineola bisselliella. Ward CW. **Comp Biochem Physiol [B] 42:131-5, 15 May 72**

Peptidases and naphthylamidases in human skin. Influence of buffers, EDTA and metals on dipeptide arylamidase 3. Bersaques J de. **Enzymologia 43:253-9, 31 Oct 72**

Evidence for adsorbed proteolytic activity on isolated yeast phosphofructokinase. Diezel W, et al. **FEBS Lett 27:195-7, 1 Nov 72**

Proteolytic conversion in vitro of B. subtilis vegetative RNA polymerase into the homologous spore enzyme. Millet J, et al. **FEBS Lett 23:47-50, 1 Jun 72**

Regulation of the formation of proteinases in Bacillus megaterium. V. Characterization of two megaterioproteinases differing in the control of their synthesis. Chan NH, et al. **Folia Microbiol (Praha) 17:281-90, 1972**

Regulation of the formation of proteinases in Bacillus megaterium. VI. Some physicochemical properties of the proteinases from sporogenic and asporogenic Bacillus megaterium KM. Chan NH, et al. **Folia Microbiol (Praha) 17:347-52, 1972**

Studies of puff adder (Bitis arietans) venom. IV. Association of protease A. Walt SJ van der. **Hoppe Seylers Z Physiol Chem 353:1217-27, Aug 72**

An immunochemical study of pigeon-breeder's disease. 3. The interaction of pigeon intestinal enzyme with human serum and a study of serum inhibitors. Berrens L, et al. **Int Arch Allergy Appl Immunol 43:337-46, 1972**

Isolation of two acetyl esterases from extracts of Bacillus subtilis. Higerd TB, et al. **J Bacteriol 114:1184-92, Jun 73**

Myxobacter AL-1 protease II: specific peptide bond cleavage on the amino side of lysine. Wingard M, et al. **J Bacteriol 112:940-9, Nov 72**

Digestive enzymes in insectivorous plants. 3. Acid proteases in the genus Nepenthes and Drosera peltata. Amagase S. **J Biochem (Tokyo) 72:73-81, Jul 72**

Yeast chitin synthetase. Separation of the zymogen from its activating factor and recovery of the latter in the vacuole fraction. Cabib E, et al. **J Biol Chem 248:1451-8, 25 Feb 73**

Purification and properties of an extracellular protease of Staphylococcus aureus. Drapeau GR, et al. **J Biol Chem 247:6720-6, 25 Oct 72**

Properties of a specific protease for pyridoxal enzymes and its biological role. Kominami E, et al. **J Biol Chem 247:6848-55, 10 Nov 72**

A collagenolytic system produced by primary cultures of rheumatoid nodule tissue. Harris ED Jr. **J Clin Invest 51:2973-6, Nov 72**

Relation between enzymic acitvities and pathohistological changes caused by fractionated Habu venom. Sato H, et al. **J Formosan Med Assoc 71:408-12, 28 Jun 72**

Preliminary crystallographic data for actinidin, a thiol protease from Actinidia chinensis. Baker EN. **J Mol Biol 74:411-2, 5 Mar 73**

The relationship of serine protease activity to RNA polymerase modification and sporulation in Bacillus subtilis. Leighton TJ, et al. **J Mol Biol 76:103-22, 5 May 73**

Release of bound trypsin inhibitors in soybeans by Rhizopus oligosporus. Wang HL, et al. **J Nutr 102:1495-9, Nov 72**

Localization of proteolytic activity in Fasciola hepatica. Howell MJ. **J Parasitol 59:454-6, Jun 73**

Purification and characterization of a protease produced by Streptococcus faecalis var. liquefaciens. Cano FR, et al. **Prep Biochem 1:269-82, 1971**

Preparation and purification of microbial proteases with special reference to the bacilli. Keay L, et al. **Prep Biochem 1:177-96, 1971**

Purification of insulin-specific protease by affinity chromatography. Duckworth WC, et al. **Proc Natl Acad Sci USA 69:3698-702, Dec 72**

Enzymic cleavage of post-proline peptide bonds: degradation of arginine-vasopressin and angiotensin II. Shlank H, et al. **Proc Soc Exp Biol Med 141:452-5, Nov 72**

[Leukocyte and tissue cathepsin inhibition caused by the respiratory epithelium inhibitor and serum alpha-1-antitrypsin] Reichert R, et al. **Acta Otolaryngol (Stockh) 75:239-42, Feb-Mar 73 (Eng. Abstr.) (Ger)**

[Enzymic character of toxic substances released by the entomophagous fungus Beauveria bassiana and their stimulation of their production] Leopold H, et al. **Zentralbl Bakteriol [Naturwiss] 128:31-41, 1973 (Eng. Abstr.) (Ger)**

[Demonstration of bacterial proteases using immunoelectrophoresis] Müller HE. **Zentralbl Bakteriol [Orig A] 220:466-8, May 72 (Ger)**

[Biochemical studies on acid carboxypeptidase and acid proteinase] Ichishima E. **J Jap Biochem Soc 45:267-88, Jun 73 (87 ref.) (Jap)**

[Proteolytic enzyme from the hepatopancreas of various crabs. 3. Proteolytic enzymes of shore crab's (paralithodes brevipes (H. Milve Edwardes et Lucus))] Ito Y. **J Jap Biochem Soc 45:199-205, Apr 73 (Jap)**

[Endocellular peptidases of animal tissues] Mariak RT, et al. **Postepy Biochem 19:279-97, 1973 (Pol)**

[Isolation and properties of proteinase from Vipera lebetina venom] Sakhibov DN, et al. **Biokhimiia 37:841-5, Jul-Aug 72 (Eng. Abstr.) (Rus)**

[Separation of proteases from Actinomyces fradiae 119 by the method of isoelectric focusing] Dolidze DA, et al. **Dokl Akad Nauk SSSR 209:224-6, Mar-Apr 73 (Rus)**

[Physicochemical and enzymatic properties of protease from Aspergillus terricola] Samsonov GV, et al. **Dokl Akad Nauk SSSR 206:497-9, 11 Sep 72 (Rus)**

[Neutral protease from the thermophilic bacterium Bacillus brevis 224] Belova ZS, et al. **Izv Akad Nauk SSSR [Biol] 3:416-9, May-Jun 73 (Eng. Abstr.) (Rus)**

[Obtainment of extracellular alkaline protease from Serratia marcescens for commercial purposes] Cruz Camarillo R, et al. **Rev Lat Am Microbiol 14:211-9, Oct-Dec 72 (Eng. Abstr.) (Spa)**

METABOLISM

Distribution pattern of milk-clotting and proteolytic activities in some fungi. Abdel-Fattah AF, et al. **Acta Biol Acad Sci Hung 23:55-60, 1972**

The effects of orchidectomy and testosterone propionate injection on peptidase activity in the male rat hypothalamus. Griffiths EC, et al. **Acta Endocrinol (Kbh) 72:1-8, Jan 73**

Peptidase activity in the hypothalami of rats treated neonatally with oestrogen. Griffiths EC, et al. **Acta Endocrinol (Kbh) 72:9-17, Jan 73**

Pyrrolidonyl peptidase in some avian and rodent tissues. Histochemical localization and biochemical studies. Albert Z, et al. **Acta Histochem (Jena) 44:98-105, 1972**

Studies on biosynthesis of polymyxin E (colistin). II. Biosynthesis of polymyxin E by mutants m-5 and d-13 of Bacillus polymyxa K-1. Emilianowicz-Czerska W, et al. **Acta Microbiol Pol [B] 5:29-34, 1973**

Amylolytic activities of mesophilic and thermophilic varieties of Bacillus sp. Janota-Bassalik L, et al. **Acta Microbiol Pol [B] 4:241-4, 1972**

Isolation and properties of proteolytic enzymes of Streptomyces erythreus. I. Isolation of crude enzyme preparation. Stachowicz KJ. **Acta Microbiol Pol [B] 4:227-31, 1972**

Physiological properties and enzymatic activity of an Arthrobacter capable of lysing Fusarium sp. Szajer C, et al. **Acta Microbiol Pol [B] 5:81-6, 1973**

Basic (encephalitogenic) protein as vulnerable part in early myelin breakdown. Frey HJ, et al. **Acta Neurol Scand [Suppl] 48:371-6, 1972**

Basic (encephalitogenic) proteins as vulnerable part in early myelin breakdown. Frey HJ, et al. **Acta Neurol Scand [Suppl] 51:371-3, 1972**

Enzyme activities associated with the demyelinating phase of canine distemper. I. Beta-glucuronidase, acid and neutral proteinases. McMartin DN, et al. **Acta Neuropathol (Berl) 22:275-87, 1972**

Studies on dog saliva. IV. The effect of carbohydrate

diet on the activity of some hydrolytic enzymes. Larmas M, et al. **Acta Odontol Scand** 30:629-41, Dec 72

Experimental study on the mechanisms of delayed hypersensitivity reaction, with special reference to emigration and function of mononuclear cells. Kambara T, et al. **Acta Pathol Jap** 22:465-76, Aug 72

The formation of extracellular proteolytic enzymes by Staphylococcus aureus. Arvidson S, et al. **Acta Pathol Microbiol Scand [B]** 80:835-44, 1972

Serological cross-reactions between different Brucella species and Yersinia enterocolitica. Immunochemical studies on phenol-water extracted lipopolysaccharides from Brucella abortus and Yersinia enterocolitica type IX. Hurvell B, et al. **Acta Pathol Microbiol Scand [B]** 81:113-9, Feb 73

Proteolytic and lipolytic enzymes from larvae of Oedemagena tarandi (L.). Aurstad K, et al. **Acta Vet Scand** 14:168-75, 1973

Comparison of Bacillus thuringiensis with other bacillus species based on enzymoserological examinations of their proteolytic enzymes. Sandvik O. **Acta Vet Scand** 14:176-83, 1973

Biochemistry of the hydroxyprolines. Kuttan R, et al. **Adv Enzymol** 37:273-347, 1973 (496 ref.)

The role of pancreatic enzymes in digestion. Beck IT. **Am J Clin Nutr** 26:311-25, Mar 73 (122 ref.)

Celiac disease--an inborn error of metabolism. Townley RR. **Am J Dig Dis** 18:797-800, Sep 73

Familial variation of leukocyte lysosomal protease and serum 1 -antitrypsin as determinants in chronic obstructive pulmonary disease. Galdston M, et al. **Am Rev Respir Dis** 107:718-27, May 73

Total proteolytic activity in experimental pancreatitic tissue. Larmi TK. **Ann Chir Gynaecol Fenn** 61:254-9, 1972

Proteolytic activity of Mycoplasma arthritidis. Czekalowski JW, et al. **Ann Rheum Dis** 31:428, Sep 72

Turnover of intracellular proteins. Pine MJ. **Annu Rev Microbiol** 26:103-26, 1972 (201 ref.)

Byssochlamyopeptidase A, a rennin-like enzyme produced by Byssochlamys fulva. Chu FS, et al. **Appl Microbiol** 25:163-8, Feb 73

Method for simultaneous detection of proteinase and esterase activities in extremely halophilic bacteria. Gutiérrez C, et al. **Appl Microbiol** 24:516-7, Sep 72

Some properties of acid protease from the thermophilic fungus, Penicillium duponti K1014. Hashimoto H, et al. **Appl Microbiol** 25:578-83, Apr 73

Thermostable acid protease produced by Penicillium duponti K1014, a true thermophilic fungus newly isolated from compost. Hashimoto H, et al. **Appl Microbiol** 24:986-92, Dec 72

Characterization of a heat-stable protease of Pseudomonas fluorescens P26. Mayerhofer HJ, et al. **Appl Microbiol** 25:44-8, Jan 73

Proteolytic enzyme preparation from Pseudomonas fragi: its action on pig muscle. Tarrant PJ, et al. **Appl Microbiol** 25:996-1005, Jun 73

Involvement of leukocytic proteases in emphysema and antitrypsin deficiency. Lieberman J. **Arch Environ Health** 27:196-200, Sep 73

Proteases produced by Thermoactinomyces albus. Orlowska B, et al. **Arch Immunol Ther Exp (Warsz)** 20:543-54, 1972

The role of lysosomes in lymphocyte transformation in vitro. Tchórzewski H. **Arch Immunol Ther Exp (Warsz)** 20:831-5, 1972

Correlation between the fatty acid composition and the activity of extracellular enzymes from Bacillus caldolyticus. Lauwers AM, et al. **Arch Mikrobiol** 91:241-54, 6 Jun 73

Collagen vitreous substitute. I. Experimental study. Pruett RC, et al. **Arch Ophthalmol** 88:540-3, Nov 72

Fibrinolytic activity in rat gastrointestinal mucosa. Myhre-Jensen O, et al. **Arch Pathol** 95:195-8, Mar 73

Participation of the tryptophan synthase inactivating system from yeast in the activation of chitin synthase. Hasilik A, et al. **Biochem Biophys Res Commun** 53:552-9, 17 Jul 73

Cell-free protein synthesis in heart and skeletal muscles from polymyopathic hamsters. Bester AJ, et al. **Biochem J** 132:193-201, Feb 73

Lysosomal enzymes and degradation of the proteoglycans of the human intervertebral disc. Pearson CH, et al. **Biochem J** 129:44P-45P, Sep 72

Oestradiol inhibits collagen breakdown in the involuting rat uterus. Ryan JN, et al. **Biochem J** 127:705-13, May 72

Studies on a peptidase acting on a synthetic collagenase substrate. Developmental pattern in rat granuloma tissue and distribution of enzyme in the tissues of various animals. Aswanikumar S, et al. **Biochim Biophys Acta** 304:210-6, 30 Mar 73

Protein catabolism in rat liver nuclei. Brostrom CO, et al. **Biochim Biophys Acta** 278:15-27, 31 Aug 72

Proteolytic enzymes in extracts of Schistosoma mansoni cercariae. Dresden MH, et al. **Biochim Biophys Acta** 289:378-84, 7 Dec 72

Isolation of alkaline proteinases from Aspergillus oryzae by one-step affinity chromatography on ovoinhibitor-sepharose column. Feinstein G, et al. **Biochim Biophys Acta** 309:196-202, 5 May 73

Factors affecting the synthesis and release of the extracellular protease of Aspergillus oryzae NRRL 2160. Klapper BF, et al. **Biochim Biophys Acta** 304:513-9, 28 Apr 73

The purification and properties of an extracellular protease from Aspergillus oryzae NRRL 2160. Klapper BF, et al. **Biochim Biophys Acta** 304:505-12, 28 Apr 73

Characteristics and isolation of the phagocytosis-stimulating peptide, tuftsin. Nishioka K, et al. **Biochim Biophys Acta** 310:217-29, 17 May 73

Hydrolysis of alanine oligopeptides by an enzyme located in the membrane of Mycoplasma laidlawii. Pecht M, et al. **Biochim Biophys Acta** 290:267-73, 1 Dec 72

Kinetic studies on the aggregation of kappa-casein by Mucor pusillus protease. Sanner T, et al. **Biochim Biophys Acta** 303:68-76, 23 Mar 73

The bradykininase activities of extracts of dog lung. Alabaster VA, et al. **Br J Pharmacol** 47:799-807, Apr 73

Differential effects of anesthetics on neutral proteinase activity of rat brain regions according to time of day. Buletza GF Jr, et al. **Brain Res** 46:369-79, 13 Nov 72

Maturational changes of CNS myelin with special reference to neutral proteinase activities. Frey HJ, et al. **Brain Res** 45:165-73, 13 Oct 72

Peptide hydrolases in spinal cord and brain of the rabbit. Serra S, et al. **Brain Res** 44:579-92, 29 Sep 72

Effect of regular application of herbicides on the seed crop of brewing barley, its protein content and the activity of proteases. Grzesiuk S, et al. **Bull Acad Pol Sci [Biol]** 21:369-73, 1973

Proteolytic activity of a small variety of Entamoeba histolytica. II. Detection of enzyme and effect of pH on its activity. Mukherjea AK, et al. **Bull Calcutta Sch Trop Med** 19:64-5, Jul 71

Rhizopus acid proteinases (rhizopus-pepsins): properties and homology with other acid proteinases. Graham JE, et al. **Can J Biochem** 51:789-96, Jun 73

Hydrolytic enzymes of some periphytic marine bacteria. Corpe WA, et al. **Can J Microbiol** 18:1483-90, Sep 72

Purification and characterization of a lytic peptidase produced by Bdellovibrio bacteriovorus 6-5-S. Fackrell HB, et al. **Can J Microbiol** 19:659-66, May 73

Role of vacuoles and vesicles in extracellular enzyme secretion from yeast. Holley RA, et al. **Can J Microbiol** 19:113-7, Jan 73

Protease production by thermophilic fungi. Ong PS, et al. **Can J Microbiol** 19:129-33, Jan 73

An extracellular proteolytic enzyme from Scopulariopsis brevicaulis. II. Hydrolysis of polyamino acids. Singh K, et al. **Can J Microbiol** 18:1165-7, Jul 72

The effects of human serum fractions on phytohemagglutinin- and concanavalin A-stimulated human lymphocyte cultures. Chase PS. **Cell Immunol** 5:544-54, Dec 72

Nutritional and metabolic aspects of peptide transport. Crampton RF. **Ciba Found Symp** 1-10, 1971

Subcellular fractionation of the enterocyte with special reference to peptide hydrolases. Peters TJ. **Ciba Found Symp** 107-22, 1971

Peptidase activity and peptide metabolism in Escherichia coli. Simmonds S. **Ciba Found Symp** 43-57, 1971

Peptide transport by mammalian gut. Smyth DH. **Ciba Found Symp** 59-70, 1971

Membrane digestion and peptide transport. Ugolev AM. **Ciba Found Symp** 123-43, 1971

Investigation of possible intestinal peptidase deficiency in coeliac disease. Cornell HJ, et al. **Clin Chim Acta** 43:113-25, 10 Jan 73

The feeding response of the larva of the Egyptian cotton leafworm, Spodoptera littoralis boisd., to sugars and related compounds. 3. Biochemical and enzymological aspects of sucrose consumption.

Meisner J, et al.
Comp Biochem Physiol [A] 44:793-806, 1 Mar 73
Changes in activity of proteases during embryogenesis of Anagasta kuehniella (Insecta). Kucera M, et al.
Comp Biochem Physiol [B] 44:577-85, 15 Feb 73
Hydrolytic enzymes of the hepatopancreas of the ascidian, Pyura stolonifera. Schofield PJ, et al.
Comp Biochem Physiol [B] 45:567-78, 15 Jul 73
Comparative tissue distribution and substrate specificity of electrophoretical distinct peptidases in the rabbit, the rat and the gerbil. Womack JE, et al.
Comp Biochem Physiol [B] 44:915-21, 15 Mar 73
Properties of proinsulin and related polypeptides. Kitabchi AE, et al.
CRC Crit Rev Biochem 1:59-94, Feb 72 (154 ref.)
The cocoonase zymogen cells of silk moths: a model of terminal cell differentiation for specific protein synthesis. Kafatos FC.
Curr Top Dev Biol 7:125-91, 1972
The protective effect of a sunscreen upon the lysosomes of ultraviolet-irradiated skin. Fand I.
Dermatologica 144:237-47, 1972
Degradation of insulin and proinsulin by various organ homogenates of rat. Kitabchi AE, et al.
Diabetes 21:1091-101, Nov 72
Insulin metabolizing enzyme activities in human placental tissue. Posner BI. **Diabetes** 22:552-63, Jul 73
Redistribution of iodoprotein, acid phosphatase, and acid protease in thyroid subcellular fractions during endocytosis. Bigazzi M, et al.
Endocrinology 92:1761-7, Jun 73
Studies on proteases of skeletal muscle in relation to subcellular electromigration. Sreelakshmi P, et al.
Enzymologia 43:373-84, 31 Dec 72
Collagenolytic-cathepsin and acid-proteinase activities in the rat uterus during post partum involution. Etherington DJ. **Eur J Biochem** 32:126-8, 3 Jan 73
An alkaline protease from Acremonium kiliense. Specificity, kinetics, and effect of pH. Heyningen S van. **Eur J Biochem** 28:432-7, 24 Jul 72
Protease activity as a possible mechanism of migration inhibitory factor. Havemann K, et al.
Eur J Immunol 2:97-9, Feb 72
Studies on the pathogenesis of multiple sclerosis. Participation of lysosomes on demyelination in the central nervous system white matter outside plaques. Arstila AU, et al. **Eur Neurol** 9:1-20, 1973
Enzymes of non-agglutinable vibrios and their possible role in the development of enterotoxic factor. Guhathakurta B, et al. **Experientia** 29:903-4, 1973
Kinetic studies on the thiol protease from Actinidia chinensis. Boland MJ, et al.
FEBS Lett 27:282-4, 1 Nov 72
Evidence for adsorbed proteolytic activity on isolated yeast phosphofructokinase. Diezel W, et al.
FEBS Lett 27:195-7, 1 Nov 72
Proteolytic conversion in vitro of B. subtilis vegetative RNA polymerase into the homologous spore enzyme. Millet J, et al. **FEBS Lett** 23:47-50, 1 Jun 72
Regulation of the formation of proteinases in Bacillus megaterium. V. Characterization of two megaterioproteinases differing in the control of their synthesis. Chan NH, et al.
Folia Microbiol (Praha) 17:281-90, 1972
Regulation of the formation of proteinases in Bacillus megaterium. VI. Some physicochemical properties of the proteinases from sporogenic and asporogenic Bacillus megaterium KM. Chan NH, et al.
Folia Microbiol (Praha) 17:347-52, 1972
Intraductal activation of pancreatic zymogens behind a carcinoma of the pancreas. Allan BJ, et al.
Gastroenterology 65:412-8, Sep 73
Studies on the mechanism of protein excretion in bacteria: the extracellular proteinase of a Sarcina strain (Coccus P). Kraft V, et al.
Hoppe Seylers Z Physiol Chem 353:1540, Oct 72
Inhibitors of proteolysis and glucose uptake by diaphragm muscle in vitro under insulin action. Felix JM, et al. **Horm Metab Res** 5:89-93, Mar 73
The effect of galactosamine on the activity of lysosomal peptidehydrolases of the liver depending on the age of rats. Heissmeyer H, et al.
Horm Metab Res 5:93-7, Mar 73
An immunochemical study of pigeon-breeder's disease. 3. The interaction of pigeon intestinal enzyme with human serum and a study of serum inhibitors. Berrens L, et al. **Int Arch Allergy Appl Immunol** 43:337-46, 1972
An immunochemical study of pigeon-breeder's disease. Berrens L, et al.
Int Arch Allergy Appl Immunol 43:327-36, 1972
Studies on the sparganum of Spirometra erinacei. II. Proteolytic enzymes(s) in the scolex. Kwa BH.
Int J Parasitol 2:29-33, Mar 72
Growth stimulating effects of proteolytic enzymes on corneal tissues. Weimar VL, et al.
Isr J Med Sci 8:1531-6, Aug-Sep 72
Role of glutathione in the morphogenesis of the bacterial spore coat. Cheng HM, et al.
J Bacteriol 113:1134-43, Mar 73
Effects of mutational loss of specific intracellular proteases on the sporulation of Bacillus subtilis. Hageman JH, et al. **J Bacteriol** 114:612-7, May 73
A polypeptide bacteriophage receptor: modified cell wall protein subunits in bacteriophage-resistant mutants of Bacillus sphaericus strain P-1. Howard L, et al. **J Bacteriol** 113:1491-504, Mar 73
Mapping of asporogenous mutations of Bacillus subtilis: a minimum estimate of the number of sporeulation operons. Piggot PJ.
J Bacteriol 114:1241-53, Jun 73
Hydrolysis of s,1 -casein B by Streptococcus lactis membrane proteinase. Sorrells KM, et al.
J Bacteriol 112:474-9, Oct 72
Myxobacter AL-1 protease II: specific peptide bond cleavage on the amino side of lysine. Wingard M, et al.
J Bacteriol 112:940-9, Nov 72
Substrate activation and substrate inhibition of trypsin-like enzymes from three strains of Streptomyces species. Nakata H, et al.
J Biochem (Tokyo) 71:1085-8, Jun 72
Changes in sucrase, enterokinase, and peptide hydrolase after intestinal resection. The association of cellular hyperplasia and adaptation. McCarthy DM, et al. **J Clin Invest** 52:942-51, Apr 73
Release of cartilage mucopolysaccharide-degrading neutral protease from human leukocytes. Oronsky A, et al. **J Exp Med** 138:461-72, 1 Aug 73
Human immunoglobulin A: production of an Fc fragment by an enteric microbial proteolytic enzyme. Mehta SK, et al. **J Immunol** 111:1274-6, Oct 73
Macrophage proteinase and inflammation: the production of chemotactic activity from the fifth complement by macrophage proteinase. Snyderman R, et al. **J Immunol** 109:896-8, Oct 72
Mechanisms of cell and tissue injury induced by group A streptococci: relation to poststreptococcal sequelae. Ginsburg I.
J Infect Dis 126:294-340, Sep 72 (368 ref.)
Brain proteins: qualitative and quantitative changes, synthesis and degradation during fetal development of the rabbit. Cain DF, et al.
J Neurochem 19:2031-42, Sep 72
Neurochemistry of the spinal cord in British Saddleback piglets affected with congenital tremor, type A-IV, a second form of hereditary cerebrospinal hypomyelinogenesis. Patterson DS, et al.
J Neurochem 21:397-406, Aug 73
Changes in cerebral lysosomal enzyme activity and lipids in multiple sclerosis. Cuzner ML, et al.
J Neurol Sci 19:29-36, May 73
Digestion and absorption of protein along the intestinal tract of chicks fed raw and heated soybean meal. Bielorai R, et al. **J Nutr** 103:1291-8, Sep 73
Release of bound trypsin inhibitors in soybeans by Rhizopus oligosporus. Wang HL, et al.
J Nutr 102:1495-9, Nov 72
Localization of proteolytic activity in Fasciola hepatica. Howell MJ. **J Parasitol** 59:454-6, Jun 73
Collection of secreted protease from the preacetabular glands of cercariae of Schistosoma mansoni. Stirewalt MA, et al. **J Parasitol** 59:741-3, Aug 73
The turnover of proteins and the usage of information. Siekevitz P. **J Theor Biol** 37:321-34, Nov 72 (91 ref.)
Hemorrhage, myonecrosis and vascular lesion in experimental snake envenomation, with special reference to Thailand snake venoms. Homma M, et al.
Jap J Med Sci Biol 25:206-10, Jun 72
The inhibition of phagocytosis and facilitation of exocytosis in rabbit polymorphonuclear leukocytes by cytochalasin B. Davies P, et al.
Lab Invest 28:16-22, Jan 73
Describing banded chromosomes.
Lancet 1:358-9, 17 Feb 73
Antitrypsin deficiency and adult cirrhosis.
Lancet 809:925, 28 Apr 73
F.D.P. **Lancet** 2:957-8, 4 Nov 72
Antitrypsin deficiency and adult cirrhosis.
Lancet 1:925, 28 Apr 73
Proteolytic activity of leukemic cells--a new

differential diagnostic method in acute leukemia. Kirchmayer S, et al. **Mater Med Pol** 3:7-9, Jan-Mar 71

Proteolytic activity of Cryptococcus neoformans against human plasma proteins. Müller HE, et al. **Med Microbiol Immunol (Berl)** 158:129-34, 1972

Proteolytic enzymes and protoplasmic incompatibility in Podospora anserina. Begueret J, et al. **Nature [New Biol]** 243:94-6, 16 May 73

Persistence of a diurnal rhythm of protease activity after lethal heat treatment of Anagasta eggs. Kucera M, et al. **Nature [New Biol]** 240:287-8, 27 Dec 72

Inositol-less death in Neurospora and cellular ageing. Sullivan JL, et al. **Nature [New Biol]** 243:72-4, 16 May 73

Function-dependent proteinase activity in the neuromuscular synapse. Poberai M, et al. **Neurobiology** 2:1-7, 1972

Enzymatic degradation of myelin basic protein in central nervous system lesions of monkeys with experimental allergic encephalomyelitis. Rauch HC, et al. **Neurobiology** 3:195-205, 1973

A study on proteolytic oral microorganisms. Frostell G, et al. **Odontol Revy** 24:27-38, 1973

Enzymatic and toxinogenic activity of culture filtrates of high and low virulent strains of Pseudomonas aeruginosa on mice. Muszyński Z. **Pathol Microbiol (Basel)** 39:135-47, 1973

Effect of chronic renal failure on inactivation of parathormone by rat kidney tissue slices. Broulik PD, et al. **Physiol Bohemoslov** 21:239-42, May 72

Proteolytic activity of the homogenates of transplantable melanotic and amelanotic melanoma in golden hamster (Mesocricetus auratus, Waterhouse). Zbytniewski Z, et al. **Pol Med J** 11:397-404, 1972

Purification and characterization of a protease produced by Streptococcus faecalis var. liquefaciens. Cano FR, et al. **Prep Biochem** 1:269-82, 1971

Purification of insulin-specific protease by affinity chromatography. Duckworth WC, et al. **Proc Natl Acad Sci USA** 69:3698-702, Dec 72

Staphylococcal protease: a proteolytic enzyme specific for glutamoyl bonds. Houmard J, et al. **Proc Natl Acad Sci USA** 69:3506-9, Dec 72

An RNA polymerase mutation causing temperature-sensitive sporulation in Bacillus subtilis. Leighton TJ. **Proc Natl Acad Sci USA** 70:1179-83, Apr 73

Inactivation of bovine trypsinogen and chymotrypsinogen by diisopropylphosphorofluoridate. Morgan PH, et al. **Proc Natl Acad Sci USA** 69:3312-6, Nov 72

Fructose 1,6-bisphosphatase: the role of lysosomal enzymes in the modification of catalytic and structural properties. Pontremoli S, et al. **Proc Natl Acad Sci USA** 70:303-5, Feb 73

Amino-acid sequence of rabbit skeletal tropomyosin and its coiled-coil structure. Sodek J, et al. **Proc Natl Acad Sci USA** 69:3800-4, Dec 72

In vitro catabolism of heterologous and homologous serum albumin by lysosomal enzymes. Curtis GL, et al. **Proc Soc Exp Biol Med** 142:333-9, Jan 73

Biochemical events in murine cytomegalovirus-infected mouse liver. Iqbal M, et al. **Proc Soc Exp Biol Med** 142:567-71, Feb 73

Enzymic cleavage of post-proline peptide bonds: degradation of arginine-vasopressin and angiotensin II. Shlank H, et al. **Proc Soc Exp Biol Med** 141:452-5, Nov 72

Hydrolytic enzyme activity in edematous brain adjacent to malignant neoplasia. Bingham WG Jr. **Prog Exp Tumor Res** 17:318-27, 1972

Observations on endopeptidases in human carious dentin. Larmas M. **Scand J Dent Res** 80:520-3, 1972

Protease activity in synovial tissue extracts. Andersen RB, et al. **Scand J Rheumatol** 1:75-9, 1972

Action of different proteolytic enzymes on the surface of nucleated red cells. Wintzer G, et al. **Z Klin Chem Klin Biochem** 9:266-8, May 71

Neurochemical and morphological studies on demyelination in multiple sclerosis with special reference to etiological aspects. Riekkinen PJ, et al. **Z Neurol** 203:91-104, 1972 (23 ref.)

[Peptidase activity in human immunoglobulin concentrates and its effect on the stability of injection solutions] Rybák M, et al. **Cesk Farm** 22:120-5, Apr 73 (Eng. Abstr.) **(Cze)**

[Pancreatic enzymes activity after gastric resection] Beño I, et al. **Vnitr Lek** 18:939-43, Oct 72 (Eng. Abstr.) **(Cze)**

[Bone induction by teeth] Groot K de. **Ned Tijdschr Tandheelkd** 80:160-3, May 73 (Eng. Abstr.) **(Dut)**

[Data on the alimentation of Salmonidae] Luquet P. **Aliment Vie** 60:338-62, 1972 (145 ref.) **(Fre)**

[Lysozyme-proteolytic enzyme dependent germination of type E Clostridium botulinum spores] Sebald M, et al. **C R Acad Sci [D] (Paris)** 275:2175-7, 6 Nov 72 **(Fre)**

[Bradykinin half-life in subarachnoid spaces in rats] Damas J. **C R Soc Biol (Paris)** 166:740-4, 1972 **(Fre)**

[Effects of several anesthetics on gastric mucosal blood flow in the rat] Oztürkcan O, et al. **Experientia** 29:811-2, 1973 (Eng. Abstr.) **(Fre)**

[The antirheumatic enzyme therapy approach] Galmiche P, et al. **Rev Rhum Mal Osteoartic** 39:215-20, Mar 72 (Eng. Abstr.) **(Fre)**

[Review of recent contributions on the physiopathology of articular cartilage. II. Metabolism; mechanical properties; antigenicity] Peyron JG. **Rev Rhum Mal Osteoartic** 39:157-65, Feb 72 (Eng. Abstr.) **(Fre)**

[Effect of experimental immune damage of placenta and chorionic membrane in the Wistar rat on the development of rat fetuses and newborn rats. Activity of lysosomal enzymes (acid proteases and beta-glucuronidase)] Goetze T, et al. **Acta Biol Med Ger** 30:241-51, 1973 (Eng. Abstr.) **(Ger)**

[Determination of collagenpeptidase activity as a measure of therapeutic effect in sarcoidosis] Müller W, et al. **Dtsch Med Wochenschr** 98:1253-5, 22 Jun 73 (Eng. Abstr.) **(Ger)**

[New concepts of inflammation] Martini H. **Med Klin** 68:697-700, 25 May 73 (Eng. Abstr.) **(Ger)**

[Utilization of microbial proteases in the dairy industry. 1. Studies of the conditions for the production of the milk-coagulating enzyme by Endothia parasitica and Mucor pusillus] Cserháti T, et al. **Nahrung** 16:431-40, 1972 (Eng. Abstr.) **(Ger)**

[Methods for determining the proteolytic activity of rennet preparations] Vámos L, et al. **Nahrung** 16:441-50, 1972 (Eng. Abstr.) **(Ger)**

[Studies on the activity of proteolytic enzymes in Bacillus anthracis and Bacillus cereus] Müller HE, et al. **Pathol Microbiol (Basel)** 39:364-72, 1973 (Eng. Abstr.) **(Ger)**

[Proteases of Culex pipiens] Sprio-Kern A, et al. **Rev Suisse Zool** 72:1151-9, 1972 (Eng. Abstr.) **(Ger)**

[Behavior of proteolytic enzymes of the brain in experimental allergic encephalomyelitis] Diessner H, et al. **Wien Z Nervenheilkd** 30:213-21, 1972 (Eng. Abstr.) **(Ger)**

[The action of proteolytic enzymes of Clostridium histolyticum and Clostridium novyi on human plasma proteins] Schallehn G, et al. **Zentralbl Bakteriol [Orig A]** 224:102-14, Jun 73 (Eng. Abstr.) **(Ger)**

[Role of enzymes in inflammation] Fujii S, et al. **Jap J Clin Pathol** 21:1-10, Jan 73 (73 ref.) **(Jap)**

[The histochemical study of the fibrinolytic activity: the localization of tissue plasminogen activator of the normal bladder wall among different animal species] Sugiura H, et al. **Jap J Urol** 63:387-96, Jun 72 (Eng. Abstr.) **(Jap)**

[Intoxication following adder bite] Bratberg B, et al. **Nord Vet Med** 25:185-95, Apr-May 73 (Eng. Abstr.) **(Nor)**

[Diphtheria toxin--a specific inhibitor of protein synthesis] Olsnes S. **Tidsskr Nor Laegeforen** 93:223-7, 10 Feb 73 (Eng. Abstr.) **(Nor)**

[Proteolytic enzymes and their inhibitors in chronic non-tuberculous diseases of the respiratory system] Chyrek-Borowska S, et al. **Pol Tyg Lek** 28:915-8, 1973 (34 ref.) **(Pol)**

[Hydrolytic and proteolytic tissue enzymes in radiation sickness] Koćmierska-Grodzka D. **Pol Tyg Lek** 28:998-7, 25 Jun 73 **(Pol)**

[Endocellular peptidases of animal tissues] Mariak RT, et al. **Postepy Biochem** 19:279-97, 1973 **(Pol)**

[Enzymatic inactivation of neurohormones] Suska-Brzezińska E. **Postepy Biochem** 18:473-87, 1972 **(Pol)**

[Pathogenesis and clinical manifestations of intestinal amebiasis] Dziubiński K. **Wiad Lek** 26:31-7, 1 Jan 73 (16 ref.) (Eng. Abstr.) **(Pol)**

[Proteolytic activity of saliva in man with helminthiasis

of the digestive tract] Gladysz A, et al.
Wiad Parazytol 19:159-63, 1973 (Eng. Abstr.) **(Pol)**
[Change in the proteolytic activity of the thyroid gland following administration of glutamic acid in normal conditions and in hypoxia] Volkov MS.
Biol Nauki 4:39-41, 1971 **(Rus)**
[Catecholamine content of dog gastric juice, secreted in response to food and to histamine] Grechishkin LL.
Biull Eksp Biol Med 73:9-11, Aug 72 (Eng. Abstr.) **(Rus)**
[Comparison of the enzyme activity of the small intestine mucous membrane in different species of mammals] Rakhimov K, et al.
Fiziol Zh SSSR 58:1453-9, Sep 72 (Eng. Abstr.) **(Rus)**
[Mechanism of assimilation by yeast cells of culture medium proteins] Iurkevich VV, et al.
Izv Akad Nauk SSSR [Biol] 6:872-6, 1972 (Eng. Abstr.) **(Rus)**
[Effect of different factors on the activity of proteolytic enzymes of Actinomyces odorifer and its mutants] Egorov NS, et al.
Mikrobiologiia 41:695-9, Jul-Aug 72 (Eng. Abstr.) **(Rus)**
[Effect of exogenous urea on the amylolytic and proteolytic activities of the fungus Aspergillus oryzae] Bocheva SS, et al.
Prikl Biokhim Mikrobiol 9:45-8, Jan-Feb 73 (Eng. Abstr.) **(Rus)**
[Biochemical characteristics of strains of lactic acid microorganisms used in cheese making] Matveeva EK, et al.
Prikl Biokhim Mikrobiol 9:49-54, Jan-Feb 73 (Eng. Abstr.) **(Rus)**
[Characteristics of the elastolytic complex from Actinomyces rimosus--rimoprotelin] Rassulin IuA, et al.
Prikl Biokhim Mikrobiol 8:19-25, Jan-Feb 72 (Eng. Abstr.) **(Rus)**
[Variability in the composition and activity of proteinases of Atlantic herring in relation to its biological state] Shenderiuk VI, et al.
Prikl Biokhim Mikrobiol 9:84-5, Jan-Feb 73 (Eng. Abstr.) **(Rus)**
[Proteolytic activity of the saliva of patients with parodontosis] Vermeenko KN, et al.
Stomatologiia (Mosk) 52:72-3, May-Jun 73 **(Rus)**
[General biological aspects of tumor formation. I. Role of indole compounds] Artamonov VI.
Usp Sovrem Biol 75:441-51, May-Jun 73 (82 ref.) **(Rus)**
[Existence of paralytic secretion (effect of denervation on glandular tissue)] Gutkin VI.
Usp Sovrem Biol 74:121-41, Jul-Aug 72 (159 ref.) **(Rus)**
[Role of the autonomic nervous system in regulation of the secretory-enzymatic activity of the pancreas and the liver] Sokolova AG, et al.
Vrach Delo 7:93-4, Jul 72 (Eng. Abstr.) **(Rus)**
[Membrane-bound and soluble forms of the protamine-splitting system of nervous tissue] Grinenko AG.
Ukr Biokhim Zh 45:36-41, 1973 (Eng. Abstr.) **(Ukr)**
[Peptide hydrolase activity in subcellular and suborganoid fractions of brain tissue in rabbits] Grinenko OG, et al.
Ukr Biokhim Zh 44:686-91, 1972 (Eng. Abstr.) **(Ukr)**
[The activity of proteolytic enzymes and acid phosphatase in nervous tissue at various states of the development of allergic encephalomyelitis] Kozulina EP, et al.
Ukr Biokhim Zh 44:145-8, 1972 (Eng. Abstr.) **(Ukr)**
[Properties of the crystalline complex of proteases from Streptomyces griseus] Loseva AL, et al.
Ukr Biokhim Zh 43:447-52, Jul-Aug 71 **(Ukr)**
[Comparison of the degradation of protein antigens by serum and cellular proteases] Stefanovič J, et al.
Bratisl Lek Listy 58:167-73, 1972 (Eng. Abstr.) **(Slo)**

PHARMACODYNAMICS

Pathophysiology of pruritus associated with elevated bile acid levels in serum. Herndon JH Jr.
Arch Intern Med 130:632-7, Oct 72 (48 ref.)
Effects of proteolytic enzymes on structural and mechanical properties of cartilage. Harris ED Jr, et al.
Arthritis Rheum 15:497-503, Sep-Oct 72
Chitin synthetase activating factor from yeast, a protease. Cabib E, et al.
Biochem Biophys Res Commun 50:186-91, 4 Jan 73
Participation of the tryptophan synthase inactivating system from yeast in the activation of chitin synthase. Hasilik A, et al.
Biochem Biophys Res Commun 53:552-9, 17 Jul 73
Calcium effects on erythrocyte membrane proteins. Triplett RB, et al.
Biochem Biophys Res Commun 49:1014-20, 15 Nov 72
Effect of proteases and of crude phospholipases on steroid glycosyltransferases from rabbit liver. Labow RS, et al. **Biochemistry** 12:1548-51, 10 Apr 73
Properties of a stable cell-free esterase from soil. Satyanarayana T, et al.
Biochemistry 12:1566-72, 10 Apr 73
Localization of enzymes by means of proteases. Brdiczka D, et al.
Biochim Biophys Acta 297:203-12, 28 Feb 73
On the solubilization of NADPH-cytochrome c reductase from rat liver microsomes with crude pancreatic lipase. Buege JA, et al.
Biochim Biophys Acta 286:433-6, 29 Dec 72
The activation of renin in human amniotic fluid by proteolytic enzymes. Morris BJ, et al.
Biochim Biophys Acta 289:385-91, 7 Dec 72
Calcium binding to the rat liver plasma membrane. Shlatz L, et al.
Biochim Biophys Acta 290:70-83, 1 Dec 72
Action of staphylococcal epidermolytic toxin on mouse skin in organ culture. Sarkany I, et al.
Br J Dermatol 87:516-7, Nov 72
The effects of certain blood-grouping sera on the red-cell surface as seen by the scanning electron microscope. Longster GH, et al.
Br J Haematol 23:635-40, Nov 72
Properties of corticosterone-binding macromolecules from rat brain cytosol. Grosser BI, et al.
Brain Res 57:387-95, 27 Jul 73
Further observations on the mode of action of the alpha toxin of Staphylococcus aureus "Wood-46". Wiseman GM, et al. **Can J Microbiol** 18:987-92, Jul 72
In vivo effects of proteases on cell surface architecture and cell proliferation in the liver. Yamamoto K, et al.
Cancer Res 33:567-72, Mar 73
Mobilization of haemopoietic stem cells (CFU) into the peripheral blood of the mouse; effects of endotoxin and other compounds. Vos O, et al.
Cell Tissue Kinet 5:467-79, Nov 72
The nature of bacterial toxins. Bergdoll MS.
Clin Toxicol 5:441-51, 1972
Enzymatic studies on the exsheathment of Haemonchus contortus infective larvae: the role of leucine aminopeptidase. Ozerol NH, et al.
Comp Biochem Physiol [B] 42:109-21, 15 May 72
The action of a human uterine protease on the estrogen receptor. Notides AC, et al.
Endocrinology 93:210-6, Jul 73
Surface alterations in transformed epithelial and fibroblastic cells in culture: a disturbance of membrane degradation versus biosynthesis? Borek C, et al. **Exp Cell Res** 77:207-15, 15 Mar 73
Macrophage spreading in vitro. I. Inducers of spreading. Rabinovitch M, et al.
Exp Cell Res 77:323-34, 15 Mar 73
Surface changes in transformed cells detected by lectins. Burger MM.
Fed Proc 32:91-101, Jan 73 (69 ref.)
Role of a protease in natural activation of Clostridium botulinum neurotoxin. Das Gupta BR, et al.
Infect Immun 6:587-90, Oct 72
Isolation and purification of endotoxin by hydrolytic enzymes. Lehrer S, et al.
Infect Immun 6:928-33, Dec 72
Reduction by serum proteinase inhibitors of B. subtilis proteinase-induced hypersensitivity reactions. Debanne MT, et al.
Int Arch Allergy Appl Immunol 44:854-61, 1973
Binding of (3 H)concanavalin A to normal and transformed cells. Noonan KD, et al.
J Biol Chem 248:4286-92, 25 Jun 73
Selective release of content from microsomal vesicles without membrane disassembly. I. Permeability changes induced by low detergent concentrations. Kreibich G, et al. **J Cell Biol** 58:436-62, Aug 73
The effect of trypsin on membrane transport of non-electrolytes. Tsan MF, et al.
J Cell Physiol 81:251-6, Apr 73
The factor affecting the spreading of chondrocytes upon inorganic substrate. Takeichi M.
J Cell Sci 13:193-204, Jul 73
Mechanism of ancrod anticoagulation. A direct proteolytic effect on fibrin. Pizzo SV, et al.
J Clin Invest 51:2841-50, Nov 72

Basic biochemical and pharmacological properties of brinase. Svärd PO. **J Clin Pathol** 25:633-4, Jul 72

Specific heterologous enhancement of immune responses. IV. Specific generation of a thymus-derived enhancing factor. Rubin AS, et al. **J Exp Med** 136:1501-17, 1 Dec 72

The effect of proteolytic enzymes on the induction of heterotopic bone formation by demineralized dentin in guinea pigs. Bang G, et al. **J Oral Pathol** 1:221-30, 1972

Epithelial growth factor--an artifact? Banks BE, et al. **J Physiol (Lond)** 225:37P-38P, Sep 72

Effects of proteolytic enzymes on function and structure of frog neuromuscular junctions. Betz W, et al. **J Physiol (Lond)** 230:673-88, May 73

Electron microscopic studies on the outer layers of Staphylococcus aureus using a lytic enzyme from Falvobacterium. Futai M, et al. **Jap J Microbiol** 16:341-50, Sep 72

Extracellular crystalline lattice material of Corynebacterium diphtheriae revealed by electron microscopy. Kawata T, et al. **Jap J Microbiol** 16:515-23, Nov 72

Magnesium-stimulated resynthesis of osmoresistant layer by Candida albicans spheroplasts. Ota F. **Jap J Microbiol** 16:359-71, Sep 72

B.C.G. plus protease L in malignant melanoma. Thornes RD, et al. **Lancet** 1:1386, 16 Jun 73

Otitic barotrauma. Brookler KH. **Laryngoscope** 83:966-8, Jun 73

Growth control and cyclic alterations of cyclic AMP in the cell cycle. Burger MM, et al. **Nature [New Biol]** 239:161-3, 11 Oct 72

Correlation between rates of degradation of bacterial proteins in vivo and their sensitivity to proteases. Goldberg AL. **Proc Natl Acad Sci USA** 69:2640-4, Sep 72

Luteinizing hormone receptors: specific binding of human luteinizing hormone to homogenates of luteinized rat ovaries. Lee CY, et al. **Proc Natl Acad Sci USA** 69:3520-3, Dec 72

Application of new staining techniques to the study of human chromosomes. Miller OJ, et al. **Prog Med Genet** 9:1-47, 1973 (130 ref.)

Study of the clotting, esterase and platelet aggregating activities of thrombin, acetylated thrombin and reptilase. Tangen O, et al. **Scand J Haematol** 9:333-8, 1972

In vitro evaluation of enzymatic debridement of burn wound eschar. Silverstein P, et al. **Surgery** 73:15-22, Jan 73

The effects of brinolase (fibrinolytic enzyme from Aspergillus Oryzae) on platelet aggregation of dog and man. Roschlau WH, et al. **Thromb Diath Haemorrh** 28:31-48, 31 Aug 72

Coagulant and esterase activities of thrombin and Bothrops atrox venom. Devi A, et al. **Toxicon** 10:563-73, Oct 72

Arvin anticoagulation for prolonged extracorporeal membrane oxygenation. Büky B, et al. **Trans Am Soc Artif Intern Organs** 19:56-60, 1973

The structure and antigenic analysis of amorphous inclusion bodies induced by potato virus X. Shalla TA, et al. **Virology** 49:654-67, Sep 72

Limited proteolysis of potato virus X by trypsin and plant proteases. Tremaine JH, et al. **Virology** 49:735-44, Sep 72

Representation of the ABH blood group system in the dog. Bowdler AJ, et al. **Vox Sang** 24:228-35, Mar 73

[Lysozyme-proteolytic enzyme dependent germination of type E Clostridium botulinum spores] Sebald M, et al. **C R Acad Sci [D] (Paris)** 275:2175-7, 6 Nov 72 **(Fre)**

[Pineal body of the genus Lacerta (reptile, lacertilian): effect of proteolytic enzymes on dense granulations (500-3400 A) of the rudimentary photoreceptors] Collin JP, et al. **C R Soc Biol (Paris)** 166:370-4, 9 Nov 72 **(Fre)**

[Aspergillus ochraceus protease: an additional enzyme for the determination of incomplete erythrocyte antibodies] Uhlenbruck G, et al. **Acta Biol Med Ger** 29:185-8, 1972 (Eng. Abstr.) **(Ger)**

[Effect of various hemostyptics in animal experiment] Mergard U, et al. **Chirurg** 43:411-5, Sep 72 (Eng. Abstr.) **(Ger)**

[Influence of vitamin A and-or proteolytic enzymes on the embryonal liver-, skin- and-or tumor tissue in tissue culture] Wolf M, et al. **Osterr Z Erforsch Bekaempf Krebskr** 27:269-75, 1972 (Eng. Abstr.) **(Ger)**

[Combizym-Combizym compositum. Substitution of digestive enzymes] **Z Allgemeinmed** 49:84-6, 20 Jan 73 **(Ger)**

[Biosynthesis of fibrinolytic enzymes by actinomycetes growing on different media] Egorov NS, et al. **Biol Nauki** 3:89-93, 1972 **(Rus)**

[Biosynthesis of lytic enzymes by Actinomyces globisporus 8 and their action on Candida yeasts] Shkliar BKh, et al. **Prikl Biokhim Mikrobiol** 8:181-5, Mar-Apr 72 (Eng. Abstr.) **(Rus)**

[Hydrolysis of the collagen from calf hide by a crystalline protease of Streptomyces griseus] Tsyperovich AS, et al. **Ukr Biokhim Zh** 45:151-5, Mar-Apr 73 (Eng. Abstr.) **(Ukr)**

PHYSIOLOGY

Alpha-1-antitrypsin deficiency and pulmonary emphysema: the role of proteolytic enzymes and their inhibitors. Hutchison DC. **Br J Dis Chest** 67:171-96, Jul 73 (103 ref.)

Human sperm acrosomal proteinase: antibody inhibition and immunologic dissimilarity to human pancreatic trypsin. Zaneveld LJ, et al. **Fertil Steril** 24:479-84, Jun 73

Antithrombin action of fibrinogen degradation products (FDP). Kopeć M, et al. **Folia Haematol (Leipz)** 98:417-25, 1972

Functional aspects and nature of the lipopolysaccharide-receptor of human erythrocytes. Springer GF, et al. **J Infect Dis** 128:Suppl:202-12, Jul 73

Fructose 1,6-bisphosphatase: the role of lysosomal enzymes in the modification of catalytic and structural properties. Pontremoli S, et al. **Proc Natl Acad Sci USA** 70:303-5, Feb 73

[Genetically determined pulmonary emphysema] Pawlikowski T. **Wiad Lek** 26:1223-6, 1 Jul 73 (29 ref.) (Eng. Abstr.) **(Pol)**

[Biogenesis of erythropoietin. II. Extrarenal enzymatic mechanisms] Baciu I, et al. **Fiziol Norm Patol** 19:127-36, Mar-Apr 73 (Eng. Abstr.) **(Rum)**

[Study of the proteolytic activity in some cestode species] Dubovskaia AIa. **Parazitologiia** 7:154-9, Mar-Apr 73 (Eng. Abstr.) **(Rus)**

[Biogenic amine mediators and proteinase activity in various sections of the rat brain during sleep and deprivation of its paradoxical phase] Glushchenko TS, et al. **Vopr Med Khim** 19:181-6, Mar-Apr 73 (Eng. Abstr.) **(Rus)**

[Acid proteinase in various parts of the central nervous system] Reva AD, et al. **Ukr Biokhim Zh** 44:164-8, 1972 (Eng. Abstr.) **(Ukr)**

[Neutral proteinase activity in functionally and morphologically different sections of the central nervous system] Reva AD, et al. **Ukr Biokhim Zh** 44:160-3, 1972 (Eng. Abstr.) **(Ukr)**

RADIATION EFFECTS

The effects of gamma irradiation on some properties of two Aeromonas proteinases. Dahle HK, et al. **Acta Vet Scand** 13:492-504, 1972

Effect of irradiation and heating on proteolytic activity of meat samples. Losty T, et al. **J Agric Food Chem** 21:275-7, Mar-Apr 73

SECRETION

Selective release of lysosomal hydrolases from phagocytic cells by cytochalasin B. Davies P, et al. **Biochem J** 134:33-41, May 73

Factors affecting the synthesis and release of the extracellular protease of Aspergillus oryzae NRRL 2160. Klapper BF, et al. **Biochim Biophys Acta** 304:513-9, 28 Apr 73

Does vagal stimulation liberate secretin and-or cholecystokinin in pigs? Magee DF, et al. **Experientia** 29:565-6, 15 May 73

Dynamic state of the messenger RNA pool specific for extracellular protease in Bacillus amyloliquefaciens: its relevance to the mechanism of enzyme secretion. Glenn AR, et al. **J Mol Biol** 73:221-30, 10 Jan 73

Accumulation of messenger RNA for extracellular enzymes as a general phenomenon in Bacillus amyloiquefaciens. Gould AR, et al. **J Mol Biol** 73:213-9, 10 Jan 73

Collection of secreted protease from the preacetabular glands of cercariae of Schistosoma mansoni. Stirewalt MA, et al. **J Parasitol** 59:741-3, Aug 73

The interaction between pentagastrin and cholecystokinin on pancreatic secretion in man. Petersen H, et al. **Scand J Gastroenterol** 8:257-63, 1973

[The exocrine pancreas. I. Structure and functions] Ribet A, et al.
Nouv Presse Med 1:2633-40, 4 Nov 72 (44 ref.) (Fre)

[Proteolytic function of the gastric juice following stimulation] Ronsky R.
Dtsch Z Verdau Stoffwechselkr 32:205-8, 1972 (Ger)

[Dynamics of juice secretion and secretion of pancreatic juice enzymes in birds] Batoev TsZh.
Fiziol Zh SSSR 58:1771-3, Nov 72 (Rus)

THERAPEUTIC USE

Arvin therapy in experimental pulmonary embolism. Sharma GV, et al. **Am Heart J** 85:72-7, Jan 73

Herpes zoster in children with cancer. Feldman S, et al.
Am J Dis Child 126:178-84, Aug 73

Gastric mucoma--12 cases. Palmer ED.
Am J Med Sci 264:295-300, Oct 72

Prevention of reformation of peritoneal adhesions. Effect of oxyphenbutazone, proteolytic enzymes from carica papaya, and dextran 40. Kapur BM, et al.
Arch Surg 104:761-4, Nov 72

Aspects of the immunologic treatment of lung cancer. Alth G, et al.
Cancer Chemother Rep [Suppl] 4:Suppl 4:271-4, Mar 73

The use of the proteolytic enzyme brinase to produce autocytotoxicity in patients with acute leukemia and its possible role in immunotherapy. Thornes RD, et al.
Cancer Res 32:280-4, Feb 72

Sutilains ointment as a topical debriding agent in burns. Grossman AR. **Int Surg** 58:93-6, Feb 73

Proteolytic enzymes for minimizing deformities associated with Colles' fracture. Sillar RW, et al.
Int Surg 58:31-3, Jan 73

New enzyme aids phenol technique in nail surgery. Fulp M, et al. **J Am Podiatry Assoc** 62:395-8, Oct 72

Clinical experience with brinase. Frisch EP.
J Clin Pathol 25:653-4, Jul 72

Thrombolytic properties and side effects of brinase (fibrinolytic enzyme from Aspergillus oryzae) in the dog. Roschlau WH. **J Clin Pathol** 25:635-6, Jul 72

Basic biochemical and pharmacological properties of brinase. Svärd PO. **J Clin Pathol** 25:633-4, Jul 72

Relief of chronic peripheral artery obstruction by intravenous Brinase. Frisch EP, et al.
J Ir Med Assoc 66:313-8, 23 Jun 73

Treatment of protruded lumbar intervertebral discs with chymopapain (Discase). Parkinson D, et al.
J Neurosurg 39:203-8, Aug 73

Combined thrombolytic and Dotter treatment in arterial occlusive disease. Eie H, et al.
J Oslo City Hosp 22:141-8, Sep-Oct 72

The use of 'Chymoral' in vasectomy. De N'Yeurt A.
J R Coll Gen Pract 22:633-7, Sep 72

B.C.G. plus protease I in malignant melanoma. McIlvanie SK. **Lancet** 2:148, 21 Jul 73

B.C.G. plus protease L in malignant melanoma. Thornes RD, et al. **Lancet** 1:1386, 16 Jun 73

[Therapy of digestive insufficiencies using enzyme harongan] Vorberg G.
Munch Med Wochenschr 114:1773-4, 13 Oct 72

Report of severe herpes zoster in a 13 and one-half-year-old boy whose chickenpox infection may have been acquired in utero. Lyday JH.
Pediatrics 50:930-1, Dec 72

Gastric bezoars: a frequent complication in the postoperative ulcer patient. Goldstein HM, et al.
Radiology 107:341-4, May 73

Arvin anticoagulation for prolonged extracorporeal membrane oxygenation. Büky B, et al.
Trans Am Soc Artif Intern Organs 19:56-60, 1973

Clinical experience with a proteolytic enzyme. Holobek J. **Vet Med Small Anim Clin** 68:148-50, Feb 73

[Therapy of Bechterew's disease using large doses of intravenously administered hylase "Dessau"] Bellmann H, et al.
Dtsch Gesundheitsw 27:2391-5, 14 Dec 72 (Eng. Abstr.) (Ger)

[Proteolytic enzymes and vitamin A in cancer treatment] Ransberger K.
Osterr Z Erforsch Bekaempf Krebskr 27:393-9, 1972 (Eng. Abstr.) (Ger)

[Influence of vitamin A and-or proteolytic enzymes on the embryonal liver-, skin- and-or tumor tissue in tissue culture] Wolf M, et al.
Osterr Z Erforsch Bekaempf Krebskr 27:269-75, 1972 (Eng. Abstr.) (Ger)

[Treatment of the plantar calcaneal spur using intravenous hylase injections] Grasshoff H, et al.
Z Aerztl Fortbild (Jena) 67:41-3, 1 Jan 73 (Ger)

[Combizym-Combizym compositum. Substitution of digestive enzymes]
Z Allgemeinmed 49:84-6, 20 Jan 73 (Ger)

[Anti-inflammatory enzyme used in otorhinolaryngology] Kagitomi T.
J Otolaryngol Jap 75:1463-4, Dec 72 (Jap)

[Current data on diagnosis and treatment of thromboembolic states] Zosin P, et al.
Med Interna (Bucur) 24:947-58, Aug 72 (Eng. Abstr.) (Rum)

[Use of proteolytic enzymes in the treatment of inflammatory diseases of the soft tissues] Chudakov MI, et al.
Khirurgiia (Mosk) 49:87-91, Feb 72 (Eng. Abstr.) (Rus)

[Proteolytic enzymes in treating acute thrombophlebitis of hemorrhoidal nodes] Geller AN.
Khirurgiia (Mosk) 49:64-5, Feb 72 (Eng. Abstr.) (Rus)

[Therapy of suppurative diseases in diabetes mellitus] Grigorian AV, et al.
Khirurgiia (Mosk) 48:87-92, Sep 72 (Rus)

[Hydrocortisone treatment of diseases and lesions of the skeletal locomotor apparatus] Makhov EP, et al.
Khirurgiia (Mosk) 49:83-5, Feb 72 (Eng. Abstr.) (Rus)

[Use of the leukocyte index of intoxication for evaluation of the effectiveness of treating infiltrates] Vernik SD.
Khirurgiia (Mosk) 48:84-7, Sep 72 (Eng. Abstr.) (Rus)

[Use of proteolytic enzymes and kalanchoe juice in the treatment of purulent diseases of the soft tissues] Senchenko IP, et al. **Klin Khir** 7:67-8, Jul 73 (Rus)

[Treatment of purulent wounds of the maxillofacial region in elderly and senile patients] Grigorchik IuF.
Stomatologiia (Mosk) 51:81-2, May-Jun 72 (Eng. Abstr.) (Rus)

[Use of proteolytic enzymes in treatment of suppurative-inflammatory processes in children] Ali-Zade AM, et al.
Vestn Khir 109:133-5, Jan 73 (Eng. Abstr.) (Rus)

[The use of proteolytic enzymes in the treatment of suppurative-inflammatory processes in children] Ali-Zade AM, et al.
Vestn Khir 110:113-5, Jan 73 (Eng. Abstr.) (Rus)

[Proteolytic enzymes in the treatment of some non-specific disorders of the motor-supporting apparatus] Geller AN.
Vestn Khir 107:58-61, Jan 72 (Eng. Abstr.) (Rus)

[Treatment of complicated destructive pneumonia in children] Shuliak LP, et al.
Vestn Khir 108:80-4, Apr 72 (Eng. Abstr.) (Rus)

[Use of proteolytic enzymes for prevention of postoperative adhesions in the abdominal cavity] Zhenchevskiĭ RA.
Vestn Khir 108:48-53, Oct 72 (Eng. Abstr.) (Rus)

[Paravertebral blockade with a solution of proteolytic enzymes in lumbosacral radiculitis] Geller AN.
Zh Nevropatol Psikhiatr 73:672-4, 1973 (Eng. Abstr.) (Rus)

[Proteolytic enzymes and dimexid in the complex treatment of complicated staphylococcal pneumonias in children] Danilenko MV, et al.
Pediatr Akush Ginekol 1:17-9, 1973 (Ukr)

[The role of bronchoscopy in treating staphylococcal destruction of the lungs in children] Danilenko MV, et al. **Pediatr Akush Ginekol** 6:17, 1972 (Ukr)

TOXICITY

[Semiquantitative method for the determination of the enzymatic activity of protease. Its application to prevention in industrial medicine] Garon D, et al.
Arch Mal Prof 33:455-8, Sep 72 (Fre)

[Enzymic character of toxic substances released by the entomophagous fungus Beauveria bassiana and their stimulation of their production] Leopold H, et al.
Zentralbl Bakteriol [Naturwiss] 128:31-41, 1973 (Eng. Abstr.) (Ger)

URINE

Gel diffusion methods for determination of protease and protease-inhibiting activities. Carlsson L, et al.
Experientia 28:990-1, 15 Aug 72

Morphologic, chemical, and immunologic studies of amyloid-like fibrils formed from Bence Jones Proteins by proteolysis. Linke RP, et al. **J Immunol** 111:10-23, Jul 73

Rat kidney acid hydrolase and glycoprotein:glycosyltransferase activity in lead intoxication. Kirschbaum BB, et al. **Res Commun Chem Pathol Pharmacol** 5:441-58, Mar 73

[Studies of proteinases in the urine of rabbits after intravenous injections of protein. II. Kinetic constants for caseinolytic proteinase in the urine of rabbits induced with protein] Mierzejewski T, et al. **Ann Univ Mariae Curie Sklodowska [Med]** 26:99-107, 1971 (Eng. Abstr.) **(Pol)**

[Studies of proteinases in the urine of rabbits after intravenous injections of protein. I. Kinetic constants for caseinolytic proteinase in the physiological urine of rabbits not induced with casein] Wiercińki J, et al. **Ann Univ Mariae Curie Sklodowska [Med]** 26:91-8, 1971 (Eng. Abstr.) **(Pol)**

PEPTIDE PEPTIDOHYDROLASES

On the role of hydrogen-bonding system in the catalysis by serine proteases. Polgár L. **Acta Biochim Biophys Acad Sci Hung** 7:29-34, 1972

Occupational enzyme dermatitis. Results of patch testing with Alcalase. Zachariae H, et al. **Acta Derm Venereol (Stockh)** 53:145-8, 1973

mRNA stability and cellular differentiation. Kafatos FC. **Acta Endocrinol [Suppl] (Kbh)** 168:319-45, 1972

The coupling of biologically active proteins to ethylene-maleic anhydride copolymers of different anhydride content. Goldstein L. **Anal Biochem** 50:40-6, Nov 72

Micro method for determination of blocked NH 2 - terminal amino acids of protein: application to identification of acetylserine of phosphoglycerate kinase and pyroglutamic acid of glucose 6-phosphate dehydrogenase. Yoshida A. **Anal Biochem** 49:320-5, Oct 72

Role of the lung in angiotensin metabolism. Lubran MM. **Ann Clin Lab Sci** 3:235-41, Jul-Aug 73 (63 ref.)

Catalytic configurations. Henderson R, et al. **Annu Rev Biophys Bioeng** 1:1-26, 1972 (117 ref.)

Effect of secondary interaction on the enzymatic activity of trypsin-like enzymes from Streptomyces. Morihara K, et al. **Arch Biochem Biophys** 156:764-71, Jun 73

Comparative specificity of microbial acid proteinases for synthetic peptides. I. Primary specificity. Oka T, et al. **Arch Biochem Biophys** 156:543-51, Jun 73

Comparative specificity of microbial acid proteinases for synthetic peptides. II. Effect of secondary interaction. Oka T, et al. **Arch Biochem Biophys** 156:552-9, Jun 73

Gastrointestinal symptoms and cow's milk allergy. Burke V. **Aust Paediatr J** 8:231-2, Oct 72

Isolation of the tetrapeptide Gly-Val-Pro-Gly from an elastin digest. Crombie G, et al. **Biochem Biophys Res Commun** 52:1228-33, 19 Jun 73

Characterization of an intracellular protease in B. subtillus during sporulation. Reysset G, et al. **Biochem Biophys Res Commun** 49:328-34, 17 Oct 72

Comparative studies of the specificities of -chymotrypsin and subtilisin BPN'. Studies with flexible substrates. Pattabiraman TN, et al. **Biochem J** 126:645-57, Feb 72

Comparative studies of the specificities of -chymotrypsin and subtilisin BPN'. Studies with flexible and 'locked' substrates. Pattabiraman TN, et al. **Biochem J** 126:659-65, Feb 72

Alkyl isocyanates as active-site-specific reagents for serine proteases. Reaction properties. Brown WE, et al. **Biochemistry** 12:828-34, 27 Feb 73

Alkyl isocyanates as active-site-specific reagents for serine proteases. Identification of the active-site serine as the site of reaction. Brown WE, et al. **Biochemistry** 12:835-40, 27 Feb 73

Susceptibility of paramyosin to proteolysis and the relationship to regions of different stability. Cowgill RW. **Biochemistry** 11:4532-9, 21 Nov 72

On the mechanism of action of streptococcal proteinase. 3. The effect of pH, organic solvents, and deuterium oxide on the proteinase-catalyzed hydrolysis of N-acylamino acid esters. Kortt AA, et al. **Biochemistry** 12:338-45, 16 Jan 73

On the mechanism of action of streptococcal proteinase. II. Comparison of the kinetics of proteinase- and papain-catalyzed hydrolysis of N-acylamino acid esters. Kortt AA, et al. **Biochemistry** 12:328-37, 16 Jan 73

Chain folding in ribonuclease A derivatives lacking five and six carboxyl-terminal residues. Puett D. **Biochemistry** 11:4304-7, 7 Nov 72

Subtilisin; a stereochemical mechanism involving transition-state stabilization. Robertus JD, et al. **Biochemistry** 11:4293-303, 7 Nov 72

Preparation and characterization of guanidinated trypsinogen and -guanidinated trypsin. Robinson NC, et al. **Biochemistry** 12:414-20, 30 Jan 73

The myoglobin of primates. 3. Cercopithecidae (Old World monkeys): Papio anubis (olive baboon) and Macaca fascicularis (=irus, crab-eating monkey). Herrera AE, et al. **Biochim Biophys Acta** 278:465-81, 31 Oct 72

An anionic trypsin-like enzyme from Streptomyces erythreus: characterization. Inoue H, et al. **Biochim Biophys Acta** 284:451-60, 12 Oct 72

Resistance of ribonuclease dimers to subtilisin. Libonati M, et al. **Biochim Biophys Acta** 317:160-3, 12 Jul 73

The protection of A1 myelin basic protein against the action of proteolytic enzymes after interaction of the protein with lipids at the air-water interface. London Y, et al. **Biochim Biophys Acta** 311:520-30, 18 Jul 73

The action of proteinase A 2 of Actinidia chinensis on the B-chain of oxidized insulin. McDowall MA. **Biochim Biophys Acta** 293:226-31, 12 Jan 73

On the specificity of Pseudomonas aeruginosa alkaline proteinase with synthetic peptides. Morihara K, et al. **Biochim Biophys Acta** 309:414-29, 6 Jun 73

Studies on acrosomal proteinase of rabbit spermatozoa. Stambaugh R, et al. **Biochim Biophys Acta** 284:473-7, 12 Oct 72

Kinetics of the reaction of nitrous acid with model compounds and proteins, and the conformational state of N-terminal groups in the chymotrypsin family. Kurosky A, et al. **Can J Biochem** 50:1282-96, Dec 72

On a collagenase-like enzyme detected in the extracts of hypothalamus and hypophysis. Levdikova GA, et al. **Clin Chim Acta** 42:205-8, Nov 72

The proteinase and peptidase activities of certain components of the medium used in the in vitro tissue culture of bone. Sakamoto M, et al. **Clin Orthop** 88:234-41, 1972

Spectrophotometric and structural evidence as to the mechanism of portease catalysis at chemical bonding resolution. Bernhard SA, et al. **Cold Spring Harbor Symp Quant Biol** 36:75-83, 1971

A comparison of the three-dimensional structures of subtilisin BPN' and subtilisin novo. Drenth J, et al. **Cold Spring Harbor Symp Quant Biol** 36:107-16, 1971

The aromatic substrate binding site in subtilisin BPN' and its resemblance to chymotrypsin. Kraut J, et al. **Cold Spring Harbor Symp Quant Biol** 36:117-23, 1971

The evolution of endopeptidases. XIV. Non-tryptic cleavage specificity of a BAEE-hydrolyzing enzyme (-protease) from tenebrio molitor. Zwilling R, et al. **Comp Biochem Physiol [B]** 43:419-24, 15 Oct 72

Properties of the esteropeptidases purified from the mouse submandibular gland. Ekfors TO, et al. **Enzymologia** 43:177-89, 30 Sep 72

Effect of an additional peptide extension of the N-terminus of collagen from dermatosparactic calves on the cross-linking of the collagen fibres. Bailey AJ, et al. **Eur J Biochem** 34:91-6, 2 Apr 73

Evidence for a rate-limiting conformation change in the catalytic steps of the ficin and papain-catalysed hydrolyses of benzyloxycarbonyl-L-lysine p-nitrophenyl ester. Hollaway MR, et al. **Eur J Biochem** 32:537-46, 1 Feb 73

The suitability of bovine-lens leucine aminopeptidase for sequence analysis and limited hydrolysis of polypeptides. Wiederanders B, et al. **Eur J Biochem** 36:504-8, 16 Jul 73

Studies on the apparent instability of Neurospora tryptophan synthase. Evidence for protease. Yu PH, et al. **Eur J Biochem** 32:129-35, 3 Jan 73

Use of isoelectric focusing to characterize the bonds established during coupling of CNBr-activated amylodextrin to subtilisin type novo. Svensson B. **FEBS Lett** 29:167-9, 15 Jan 73

Subtilisin catalysis of nonspecific anilide hydrolyses. Bender ML, et al. **J Am Chem Soc** 95:1665-6, 7 Mar 73

A neutral proteinase from Streptomyces naraensis. 3. An improved purification and some physiochemical properties. Hiramatsu A, et al. **J Biochem (Tokyo)** 71:767-81, May 72

Cocoonase. IV. Mechanism of activation of prococoonase from Antheraea polyphemus. Felsted RL, et al. **J Biol Chem** 248:3012-20, 10 May 73
Cocoonase. V. Structural studies on an insect serine protease. Kramer KJ, et al.
J Biol Chem 248:3021-8, 10 May 73
A comparative study of spin-labeled serine enzymes: acetylcholinesterase, trypsin, -chymotrypsin, elastase, and subtilisin. Morrisett JD, et al.
J Biol Chem 247:7224-31, 25 Nov 72
Inactivation of pineal antigonadotrophin by proteolytic enzymes. Matthews MJ, et al.
J Endocrinol 56:339-40, Feb 73
Malabsorption syndromes in infancy and childhood. I. Ament ME. **J Pediatr** 81:685-97, Oct 72
Is a kininogenase necessary for human sweating. Frewin DB, et al. **Lancet** 2:744, 29 Sep 73
Isolation of small functional subunits of Helix pomatia haemocyanin after subtilisin treatment. Lontie R, et al. **Nature [New Biol]** 242:180-2, 11 Apr 73
A specific protease for pyridoxal enzymes.
Nutr Rev 31:98-9, Mar 73 (6 ref.)
Diazoacetyl subtilisin. Stefanovsky Y, et al.
Proc Natl Acad Sci USA 70:1132-6, Apr 73
Antibody-induced conformational changes in proteins. Celada F, et al. **Q Rev Biophys** 5:395-425, Aug 72
Zymogens of proteolytic enzymes. Kassell B, et al.
Science 180:1022-7, 8 Jun 73 (43 ref.)
New frontiers in paediatrics. Looking at handicapped children today. Jolly H, et al.
Trans Med Soc Lond 87:14-22, 1971
[Enzymatic control of false-sequence peptide mixtures from peptide syntheses in the wet phase] Pfaender P, et al.
Hoppe Seylers Z Physiol Chem 353:743, May 72 (Ger)
[Malabsorption syndromes in childhood] Harms K.
Med Klin 68:163-9, 9 Feb 73 (33 ref.) (Ger)
[Studies on proteinases from Ficus carica var. Horaishi. II. Physicochemical properties of ficin A,B,C and D] Sugiura M, et al.
J Pharm Soc Jap 93:63-7, Jan 73 (Eng. Abstr.) (Jap)
[Experimental pulmonary emphysema] Teculescu D.
Stud Cercet Med Interna 13:425-35, 1972 (75 ref.) (Eng. Abstr.) (Rum)
[Feedback between primary and secondary structures of globular proteins] Finkel'shteĭn AV.
Dokl Akad Nauk SSSR 207:1486-9, 21 Dec 72 (Rus)

ADVERSE EFFECTS

Occupational enzyme dermatitis. Results of patch testing with Alcalase. Zachariae H, et al.
Acta Derm Venereol (Stockh) 53:145-8, 1973
[Allergic respiratory diseases due to enzymatic laundry detergents (comprehensive review)] Atanacković D.
Plucne Bolesti Tuberk 24:240-3, Jul-Sep 72 (7 ref.) (Cro)

ANALYSIS

Effects of alterations in calcium concentrations on secretion and protein synthesis in cat submandibular salivary gland. Gautvik KM, et al.
Acta Physiol Scand 85:418-27, Jul 72
The coupling of biologically active proteins to ethylene-maleic anhydride copolymers of different anhydride content. Goldstein L.
Anal Biochem 50:40-6, Nov 72
Studies on the coagulant enzyme from Agkistrodon rhodostoma venom. Isolation and some properties of the enzyme. Hatton MW.
Biochem J 131:799-807, Apr 73
Alpha-galactosidic configuration in ceramide trihexoside synthesized by rat spleen homogenate. Bensaude I, et al. **Biochem Med** 6:522-5, Dec 72
Subcellular location of the kininogenase in the coagulating gland of the guinea-pig. Barton S, et al.
Biochem Pharmacol 22:1121-3, 1 May 73
On the mechanism of action of streptococcal proteinase. I. Active-site titration. Kortt AA, et al.
Biochemistry 12:320-7, 16 Jan 73
An anionic trypsin-like enzyme from Streptomyces erythreus: characterization. Inoue H, et al.
Biochim Biophys Acta 284:451-60, 12 Oct 72
On the preparation and some properties of closed membrane vesicles from hog duodenal and jejunal brush border. Louvard D, et al.
Biochim Biophys Acta 291:747-63, 16 Feb 73
On the distribution of enterokinase in porcine intestine and on its subcellular localization. Louvard D, et al.
Biochim Biophys Acta 309:127-37, 5 May 73
Isolation by affinity chromatography of neutral proteinase from Clostridium histolyticum. Sparrow LG, et al. **Biochim Biophys Acta** 302:90-4, 15 Mar 73
Pyrrolidonecarboxylyl peptidase activity in normal intestinal biopsies and those from coeliac patients. Woodley JF. **Clin Chim Acta** 42:211-3, Nov 72
The proteinase and peptidase activities of certain components of the medium used in the in vitro tissue culture of bone. Sakamoto M, et al.
Clin Orthop 88:234-41, 1972
Comparative release of enterokinase and other small intestinal enzymes following secretin and pancreozymin in man. Moss S, et al.
Clin Sci 44:19P, Apr 73
Enterokinase in normal intestinal biopsies and those from patients with untreated coeliac disease. Woodley JF, et al. **Gut** 13:900-2, Nov 72
Enterokinase levels in intestinal mucosa from normal subjects and patients with coeliac disease. Woodley JF, et al. **Gut** 13:850-1, Oct 72
Histochemical demonstration of enterokinase. Lojda Z, et al. **Histochemie** 32:23-9, 1972
A neutral proteinase from Streptomyces naraensis. 3. An improved purification and some physiochemical properties. Hiramatsu A, et al.
J Biochem (Tokyo) 71:767-81, May 72
Carboxypeptidase from yeast. Large scale preparation and the application to COOH-terminal analysis of peptides and proteins. Hayashi R, et al.
J Biol Chem 248:2296-302, 10 Apr 73
Enzymes in bovine milk: a review. Shahani KM, et al.
J Dairy Sci 56:531-43, May 73 (110 ref.)
Self purification of two serine endopeptidases. Awad WM Jr, et al. **Proc Natl Acad Sci USA** 69:2561-5, Sep 72
Regulation of the expression of the N gene of bacteriophage lambda. Greenblatt J.
Proc Natl Acad Sci USA 70:421-4, Feb 73
[Preliminary biochemical data on venom glands of Glycera convoluta Keferstein (Annelida, Polychaeta)] Michel C, et al.
C R Soc Biol (Paris) 166:853-7, 1972 (Fre)
[Activity of a peptidyl-peptide hydrolase in liver and uterus of the rat after administration of ethinylestradiol-norgestrel] Platt D.
Arzneim Forsch 22:1199-201, Jul 72 (Eng. Abstr.) (Ger)
[Properties of the trypsin-like (acrosin) from boar spermatozoa] Schiessler H, et al.
Hoppe Seylers Z Physiol Chem 353:1638-45, Oct 72 (Eng. Abstr.) (Ger)
[Demonstration of the enzymes neuraminidase and diphthin by immunoelectrophoresis as an aid in the diagnosis of Corynebacterium diphtheriae] Müller HE.
Zentralbl Bakteriol [Orig A] 221:550-4, Sep 72 (Eng. Abstr.) (Ger)
[Enzymatic shifts in the small intestine in children with opisthorchiasis] Miniailo EK.
Lab Delo 4:206-8, 1972 (Rus)
[Hygienic evaluation of the wheat grown on soil treated with nerosin] Gavrilenko EV, et al.
Vopr Pitan 31:56-60, Sep-Oct 72 (Eng. Abstr.) (Rus)

ANTAGONISTS & INHIBITORS

Involvement of proteolytic acivity in early events in lymphocyte transformation by phytohemagglutinin. Saito M, et al.
Biochem Biophys Res Commun 52:569-75, 15 May 73
Alkyl isocyanates as active-site-specific reagents for serine proteases. Reaction properties. Brown WE, et al. **Biochemistry** 12:828-34, 27 Feb 73
A collagenolytic protease from the hepatopancreas of the fiddler crab, Uca pugilator. Purification and properties. Eisen AZ, et al.
Biochemistry 12:1814-22, 24 Apr 73
On the mechanism of action of streptococcal proteinase. 3. The effect of pH, organic solvents, and deuterium oxide on the proteinase-catalyzed hydrolysis of N-acylamino acid esters. Kortt AA, et al.
Biochemistry 12:338-45, 16 Jan 73
On the mechanism of action of streptococcal proteinase. I. Active-site titration. Kortt AA, et al.
Biochemistry 12:320-7, 16 Jan 73
Inhibition of homogeneous angiotensin-converting enzyme of rabbit lung by synthetic venom peptides of Bothrops jararaca. Cheung HS, et al.
Biochim Biophys Acta 293:451-63, 15 Feb 73

Proteases of macrophages in rat peritoneal exudate, with special reference to the effects of actinomycete protease inhibitors. Kato T, et al.
Biochim Biophys Acta 289:187-93, 10 Nov 72

Inhibitors of the pulmonary angiotensin I-converting enzyme. Sander GE, et al.
Biochim Biophys Acta 289:392-400, 7 Dec 72

Isolation by affinity chromatography of neutral proteinase from Clostridium histolyticum. Sparrow LG, et al. **Biochim Biophys Acta** 302:90-4, 15 Mar 73

Studies on acrosomal proteinase of rabbit spermatozoa. Stambaugh R, et al.
Biochim Biophys Acta 284:473-7, 12 Oct 72

The kinetics of inhibition of rabbit sperm acrosomal proteinase by 1-chloro-3-tosylamido-7-amino-2-heptanone (TLCK). Connors EC, et al. **Biol Reprod** 9:57-60, Aug 73

Differentiation of trypsin-like enzymes in human plasma. Gullick HD. **Clin Chem** 18:1385-94, Nov 72

The aromatic substrate binding site in subtilisin BPN' and its resemblance to chymotrypsin. Kraut J, et al.
Cold Spring Harbor Symp Quant Biol 36:117-23, 1971

The inhibition of trypsin and some other proteases by ovorubin, a protein from the eggs of Pomacea canaliculata. Norden DA.
Comp Biochem Physiol [B] 42:569-76, 15 Aug 72

The evolution of endopeptidases. XIV. Non-tryptic cleavage specificity of a BAEE-hydrolyzing enzyme (-protease) from tenebrio molitor. Zwilling R, et al.
Comp Biochem Physiol [B] 43:419-24, 15 Oct 72

Properties of the esteropeptidases purified from the mouse submandibular gland. Ekfors TO, et al.
Enzymologia 43:177-89, 30 Sep 72

Studies on the apparent instability of Neurospora tryptophan synthase. Evidence for protease. Yu PH, et al. **Eur J Biochem** 32:129-35, 3 Jan 73

Effects of human serum inhibitors on immunologic properties of B. subtilis alkaline proteinase. Wicher V, et al. **Immunochemistry** 10:239-44, Apr 73

Effect of antipain on lysosomal peptide-hydrolases from swine liver. Ikezawa H, et al.
J Antibiot (Tokyo) 25:738-40, Dec 72

Studies on the conversion of proinsulin to insulin. 3. Studies in vitro with a crude secretion granule fraction isolated from rat islets of Langerhans. Kemmler W, et al. **J Biol Chem** 248:4544-51, 10 Jul 73

Thermophilic Streptomyces alkaline proteinase. II. The role of a sulfhydryl group and the conformational stability. Mizusawa K, et al.
J Biol Chem 248:4417-23, 25 Jun 73

The kinetics of the release of bradykinin by kallikrein in normal human plasma. Girey GJ, et al.
J Lab Clin Med 80:496-505, Oct 72

Reduction of pressor effects of angiotensin I in man by synthetic nonapeptide (B.P.P. 9a or SQ 20,881) which inhibits converting enzyme. Collier JG, et al.
Lancet 1:72-4, 13 Jan 73

Effect of a converting enzyme inhibitor (SQ 20,881) on angiotensin-induced drinking. Severs WB, et al.
Proc Soc Exp Biol Med 142:203-4, Jan 73

[Modification of thrombin activity by synthetic serine proteinase inhibitors] Walsmann P.
Folia Haematol (Leipz) 98:471-82, 1972 (Ger)

[Behavior of chymotrypsin-like proteinase from human spermatozoa towards protein-proteinase inhibitors] Fritz H, et al.
Hoppe Seylers Z Physiol Chem 353:1651-3, Oct 72 (Eng. Abstr.) (Ger)

[Human acrosin: inhibition by protein-proteinase inhibitors] Fritz H, et al.
Hoppe Seylers Z Physiol Chem 353:1950-2, Dec 72 (Eng. Abstr.) (Ger)

[Human acrosin: kinetics of the inhibition by inhibitors from human sera] Fritz H, et al.
Hoppe Seylers Z Physiol Chem 353:1953-6, Dec 72 (Eng. Abstr.) (Ger)

[Characterization of a trypsin-like proteinase (acrosin) from boar spermatozoa by inhibition with different protein proteinase inhibitors. 3. Inhibitors from pancreas glands] Fritz H, et al.
Hoppe Seylers Z Physiol Chem 353:1013-4, Jun 72 (Ger)

[Synthetic serin protease inhibitors. 1. Inhibition of trypsin, plasmin and thrombin by amidino- and guanidinobenzoic acid esters] Markwardt F, et al.
Pharmazie 28:326-30, May 73 (Ger)

BIOSYNTHESIS

On the distribution of enterokinase in porcine intestine and on its subcellular localization. Louvard D, et al.
Biochim Biophys Acta 309:127-37, 5 May 73

Studies on the apparent instability of Neurospora tryptophan synthase. Evidence for protease. Yu PH, et al. **Eur J Biochem** 32:129-35, 3 Jan 73

Aromatic esters which inhibit plasmin or thrombin by formation of relatively stable acyl enzymes. Glover G, et al. **J Med Chem** 16:262-6, Mar 73

Regulation of the expression of the N gene of bacteriophage lambda. Greenblatt J.
Proc Natl Acad Sci USA 70:421-4, Feb 73

BLOOD

Involvement of proteolytic acivity in early events in lymphocyte transformation by phytohemagglutinin. Saito M, et al.
Biochem Biophys Res Commun 52:569-75, 15 May 73

Kininase activity in equine plasma. O-Ishi S, et al.
Biochem Pharmacol 21:3078-82, 15 Nov 72

Activation of a specific human plasma kininogenase with trypsin and plasmin. Seidel G, et al.
Biochem Pharmacol 22:929-37, 15 Apr 73

Bovine factor X 1 (Stuart factor). Mechanism of activation by protein from Russell's viper venom. Fujikawa K, et al. **Biochemistry** 11:4892-9, 19 Dec 72

Bovine factor X 1a (activated Stuart factor). Evidence of homology with mammalian serine proteases. Titani K, et al. **Biochemistry** 11:4899-903, 19 Dec 72

Substrate specificity of hog plasma angiotensin-converting enzyme. Angus CW, et al.
Biochim Biophys Acta 309:169-74, 5 May 73

Permeability factor and kininogenase in guinea-pig serum fractions. Mason B.
Br J Exp Pathol 53:427-34, Aug 72

Differentiation of trypsin-like enzymes in human plasma. Gullick HD. **Clin Chem** 18:1385-94, Nov 72

Plasma angiotensin I converting enzyme activity in rabbits under various experimental conditions. Kurihara H. **Jap Circ J** 36:587-8, Jun 72

Angiotensin I converting enzyme and kininase. Ueda E, et al. **Jap Circ J** 36:583-6, Jun 72

Effects of changes in sodium balance and of experimental renal hypertension on plasma angiotensin I converting enzyme activity of rabbits. Kurihara H, et al. **Tohoku J Exp Med** 109:19-27, Jan 73

[Blood plasma kininase activity in arteriosclerosis] Strączkowski W.
Kardiol Pol 15:313-8, 1972 (Eng. Abstr.) (Pol)

[Effect of erythrocytes on kininase activity in the blood] Lukjan H, et al.
Pol Tyg Lek 28:41-3, 8 Jan 73 (Eng. Abstr.) (Pol)

[Proteolytic enzymes and their inhibitors in the blood and cerebrospinal fluid of patients with cranio-cerebral trauma] Romodanov AP, et al.
Vopr Neirokhir 36:18-21, Nov-Dec 72 (Eng. Abstr.) (Rus)

[Plasma kininases in acute pneumonia in young children] Surovikina MS, et al.
Pediatr Akush Ginekol 1:11-2, 1973 (Ukr)

CEREBROSPINAL FLUID

[Proteolytic enzymes and their inhibitors in the blood and cerebrospinal fluid of patients with cranio-cerebral trauma] Romodanov AP, et al.
Vopr Neirokhir 36:18-21, Nov-Dec 72 (Eng. Abstr.) (Rus)

ISOLATION & PURIFICATION

Comparative specificity of microbial acid proteinases for synthetic peptides. I. Primary specificity. Oka T, et al. **Arch Biochem Biophys** 156:543-51, Jun 73

Characterization of an intracellular protease in B. subtilius during sporulation. Reysset G, et al.
Biochem Biophys Res Commun 49:328-34, 17 Oct 72

Studies on the coagulant enzyme from Agkistrodon rhodostoma venom. Isolation and some properties of the enzyme. Hatton MW.
Biochem J 131:799-807, Apr 73

Purification and properties of a human seminal proteinase. Syner FN, et al.
Biochem J 126:1135-40, Mar 72

Preparation, assay, and partial characterization of a neutral endopeptidase from rabbit brain. Camargo AC, et al. **Biochemistry** 12:1838-44, 24 Apr 73

A collagenolytic protease from the hepatopancreas of the fiddler crab, Uca pugilator. Purification and

properties. Eisen AZ, et al.
Biochemistry 12:1814-22, 24 Apr 73
On the mechanism of action of streptococcal proteinase. I. Active-site titration. Kortt AA, et al.
Biochemistry 12:320-7, 16 Jan 73
Preparation and characterization of guanidinated trypsinogen and -guanidinated trypsin. Robinson NC, et al. **Biochemistry** 12:414-20, 30 Jan 73
Isolation by affinity chromatography of neutral proteinase from Clostridium histolyticum. Sparrow LG, et al. **Biochim Biophys Acta** 302:90-4, 15 Mar 73
Leucostoma peptidase A: a metalloprotease from snake venom. Spiekerman AM, et al.
Biochim Biophys Acta 293:464-75, 15 Feb 73
Antitumor activity of Bacillus natto. IV. Purification and properties of an extracellular protease from Bacillus natto KMD 1126. Kameda Y, et al.
Chem Pharm Bull (Tokyo) 21:538-45, Mar 73
On a collagenase-like enzyme detected in the extracts of hypothalamus and hypophysis. Levdikova GA, et al.
Clin Chim Acta 42:205-8, Nov 72
Diversity of proteases in the keratinolytic larvae of the webbing clothes moth, Tineola bisselliella. Ward CW.
Comp Biochem Physiol [B] 42:131-5, 15 May 72
The evolution of endopeptidases. XIV. Non-tryptic cleavage specificity of a BAEE-hydrolyzing enzyme (-protease) from tenebrio molitor. Zwilling R, et al.
Comp Biochem Physiol [B] 43:419-24, 15 Oct 72
Isolation of six trypsin-like esteropeptidases from the mouse submandibular gland. Ekfors TO, et al.
Enzymologia 43:151-65, 30 Sep 72
Studies on the apparent instability of Neurospora tryptophan synthase. Evidence for protease. Yu PH, et al. **Eur J Biochem** 32:129-35, 3 Jan 73
A neutral proteinase from Streptomyces naraensis. 3. An improved purification and some physiochemical properties. Hiramatsu A, et al.
J Biochem (Tokyo) 71:767-81, May 72
Studies on bacteriolytic enzymes. II. Purification and some properties of two types of staphylolytic enzymes from Streptomyces griseus. Yoshimoto T, et al.
J Biochem (Tokyo) 72:379-90, Aug 72
Angiotensinase activity in rat and dog brain. Goldstein DJ, et al. **J Neurochem** 19:2451-2, Oct 72
Angiotensin I converting enzyme and kininase. Ueda E, et al. **Jap Circ J** 36:583-6, Jun 72
A specific protease for pyridoxal enzymes.
Nutr Rev 31:98-9, Mar 73 (6 ref.)
Self purification of two serine endopeptidases. Awad WM Jr, et al. **Proc Natl Acad Sci USA** 69:2561-5, Sep 72
[Partial purification of a trypsin type enzyme produced by Streptomyces paromomycinus (paromotrypsin)] Dostal JP, et al.
C R Acad Sci [D] (Paris) 276:217-20, 8 Jan 73 **(Fre)**
[Isolation of a trypsin-like enzyme (acrosin) from boar spermatozoa] Fink E, et al.
Hoppe Seylers Z Physiol Chem 353:1633-7, Oct 72 (Eng. Abstr.) **(Ger)**
[Human acrosin: isolation and properties] Fritz H, et al.
Hoppe Seylers Z Physiol Chem 353:1943-9, Dec 72 (Eng. Abstr.) **(Ger)**

METABOLISM

The use of protease inhibitors during acute haemorrhagic pancreatitis. Experimental findings and clinical implications. Amundsen E.
Ann Chir Gynaecol Fenn 61:284-7, 1972
Problems in evaluating the components of the kinin system. Hamberg U.
Ann Chir Gynaecol Fenn 61:238-50, 1972 (46 ref.)
Comparative specificity of microbial acid proteinases for synthetic peptides. 3. Relationship with their trypsinogen activating ability. Morihara K, et al.
Arch Biochem Biophys 152:561-72, Aug 73
Studies on the coagulant enzyme from Agkistrodon rhodostoma venom. Isolation and some properties of the enzyme. Hatton MW.
Biochem J 131:799-807, Apr 73
Proteases of macrophages in rat peritoneal exudate, with special reference to the effects of actinomycete protease inhibitors. Kato T, et al.
Biochim Biophys Acta 289:187-93, 10 Nov 72
Release of enteropeptidase and other brush-border enzymes from the small intestinal wall in the rat. Nordström C.
Biochim Biophys Acta 289:367-77, 7 Dec 72
Leucostoma peptidase A: a metalloprotease from snake venom. Spiekerman AM, et al.
Biochim Biophys Acta 293:464-75, 15 Feb 73
Properties of the Antheraea mylitta cocoonase. Felsted RL, et al.
Comp Biochem Physiol [B] 44:595-609, 15 Feb 73
Role of keratinases in dermatophytosis. II. Fluorescent antibody studies with keratinase II of Trichophyton mentagrophytes. Collins JP, et al.
Dermatologica 146:95-100, 1973
On the biosynthesis, intracellular transport and mechanism of conversion of proinsulin to insulin and C-peptide. Kemmler W, et al.
Diabetes 21:Suppl 2:572-81, 1972 (41 ref.)
The secretory nature of the excretory gland cells of Stephanurus dentatus. II. Presence of hydrolytic enzymes. Romanowski RD, et al.
Exp Parasitol 34:40-3, Aug 73
Keratinases: hydrolysis of keratinous substrates by three enzymes of Trichophyton mentagrophytes. Yu RJ, et al. **Experientia** 28:1512-3, 15 Dec 72
Effect of secondary interaction on the enzymatic activity of subtilisin BPN': comparison with alpha-chymotrypsin, trypsin, and elastase. Morihara K, et al. **FEBS Lett** 33:54-6, 15 Jun 73
Inhibitors of proteolysis and glucose uptake by diaphragm muscle in vitro under insulin action. Felix JM, et al. **Horm Metab Res** 5:89-93, Mar 73
Changes in sucrase, enterokinase, and peptide hydrolase after intestinal resection. The association of cellular hyperplasia and adaptation. McCarthy DM, et al. **J Clin Invest** 52:942-51, Apr 73
Functional characteristics of mast cells associated with rat mammary tumors induced by 7,12-dimethylbenz(a)anthracene. Combs JW, et al.
J Natl Cancer Inst 50:1003-11, Apr 73
Distribution and properties of angiotensin converting enzyme of rat brain. Yang HY, et al.
J Neurochem 19:2443-50, Oct 72
Age related increase and androgen dependence of enzymes in the mouse submaxillary gland. Bhoola KD, et al. **J Physiol (Lond)** 225:26P-27P, Sep 72
Control of polypeptide hormones by enzymatic degradation. Knights EB, et al.
Lancet 2:719-23, 29 Sep 73
Localisation of human enterokinase. Nordström C, et al. **Lancet** 2:933-4, 28 Oct 72
Exocrine pancreatic disease in childhood.
Walker-Smith JA. **Med J Aust** 1:704-8, 7 Apr 73
Enzymatic and toxinogenic activity of culture filtrates of high and low virulent strains of Pseudomonas aeruginosa on mice. Muszyński Z.
Pathol Microbiol (Basel) 39:135-47, 1973
On the monohene character of cytochromes c'. Kennel SJ, et al. **Proc Natl Acad Sci USA** 69:3432-5, Nov 72
Proinsulin. Steiner DF. **Triangle** 11:51-60, 1972 (73 ref.)
[Human acrosin: isolation and properties] Fritz H, et al.
Hoppe Seylers Z Physiol Chem 353:1943-9, Dec 72 (Eng. Abstr.) **(Ger)**
[Secondary deficiency of enterokinase in the duodenal mucosa associated with partial and total atrophy of duodenal villi] Niessen KH, et al.
Monatsschr Kinderheilkd 121:49-53, Feb 73 (Eng. Abstr.) **(Ger)**
[Significance of enzymatic disorders in the etiopathogenesis of pancreatitis] Skibiński A, et al.
Pol Tyg Lek 28:223-6, 5 Feb 73 (20 ref.) **(Pol)**
[Role of the liver in hormonal metabolism] Malolepszy E, et al. **Wiad Lek** 25:1679-84, 15 Sep 72 **(Pol)**
[Secretory and morphological disorders in the duodenum in patients with chronic pancreatitis] Iakhontova OI.
Ter Arkh 45:94-8, Apr 73 (Eng. Abstr.) **(Rus)**
[Proteolytic enzymes and their inhibitors in the blood and cerebrospinal fluid of patients with cranio-cerebral trauma] Romodanov AP, et al.
Vopr Neirokhir 36:18-21, Nov-Dec 72 (Eng. Abstr.) **(Rus)**
[Morphologic and secretory changes in the duodenum in chronic pancretitis] Iakhontova OI, et al.
Vrach Delo 9:68-70, Sep 72 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Urinary excretion and metabolism of trypsin and trypsinogen: experimental study. Romero F, et al.
Ann Surg 176:149-53, Aug 72
The profile of vascular permeability factors in dilute guinea-pig plasma. Mason B.
Br J Exp Pathol 53:597-607, Dec 72
Antitumor activity of Bacillus natto. IV. Purification and properties of an extracellular protease from

Bacillus natto KMD 1126. Kameda Y, et al.
Chem Pharm Bull (Tokyo) 21:538-45, Mar 73
Long-term effects of chymopapain on intervertebral disks of dogs. Garvin PJ, et al.
Clin Orthop 92:281-95, May 73
Correlation between rates of degradation of bacterial proteins in vivo and their sensitivity to proteases. Goldberg AL.
Proc Natl Acad Sci USA 69:2640-4, Sep 72

PHYSIOLOGY

Involvement of proteolytic acivity in early events in lymphocyte transformation by phytohemagglutinin. Saito M, et al.
Biochem Biophys Res Commun 52:569-75, 15 May 73
[Change in the enterokinase and alkaline phosphatase activity in the duodenal contents in acute experimental pancreatitis in dogs] Cherkezova-Kinova E.
Eksp Med Morfol 11:201-6, 1972 (Eng. Abstr.) **(Bul)**

SECRETION

Comparative release of enterokinase and other small intestinal enzymes following secretin and pancreozymin in man. Moss S, et al.
Clin Sci 44:19P, Apr 73
Enterokinase in human duodenal juice following secretin and pancreozymin and its relationship to bile salts and trypsin. Moss S, et al. **Gut** 13:851, Oct 72
Human enterokinase. Rutgeerts L, et al.
Tijdschr Gastroenterol 15:379-84, 1972
[The exocrine pancreas. I. Structure and functions] Ribet A, et al.
Nouv Presse Med 1:2633-40, 4 Nov 72 (44 ref.) **(Fre)**

THERAPEUTIC USE

A comparative analysis of lumbar disk disease treated by laminectomy or chemonucleolysis. Nordby EJ, et al. **Clin Orthop** 90:119-29, Jan-Feb 73
Surgical treatment for derangement of the lumbar spine. Newman PH.
J Bone Joint Surg [Br] 55:7-19, Feb 73
Travase, an effective enzyme for burn debridement. Pennisi VR, et al. **Plast Reconstr Surg** 51:371-6, Apr 73
[Mild gastric diet--diet following gastric resection. Is there a special difference between mild gastric diet and a diet following gastric resection?] Kaess H.
Z Allgemeinmed 49:389, 20 Mar 73 **(Ger)**
[Double blind test on the anti-inflammatory effect of proteolytic enzymes] Bazerque PM, et al.
Medicina (B Aires) 32:357-62, Jul-Aug 72 (Eng. Abstr.) **(Spa)**

TOXICITY

Role of keratinases in dermatophytosis. I. Immune responses of guinea pigs infected with Trichophyton mentagrophytes and guinea pigs immunized with keratinases. Grappel SF, et al.
Dermatologica 145:245-55, 1972

PHENINDIONE

An investigation of some of the factors influencing tablet strength. Fraser DR.
J Pharm Pharmacol 24:Suppl:136P, Dec 72

ADMINISTRATION & DOSAGE

[Clinical case: glomerulonephritis] Gortázar-Hĩjar P.
Arch Invest Med (Mex) 4:75-8, 1973 **(Spa)**

ADVERSE EFFECTS

Postpartum purpura fulminans: successful management with streptokinase. Preston FE, et al.
Br Med J 3:329-30, 11 Aug 73
Drug interactions in patients on long-term oral anticoagulant and antihypertensive adrenergic neuron-blocking drugs. Starr KJ, et al.
Br Med J 4:133-5, 21 Oct 72
The bone marrow during recovery from drug induced agranulocytosis. Rose MS, et al.
Guys Hosp Rep 121:147-53, 1972
Anticoagulant therapy after acute myocardial infarction. Relation of therapeutic benefit to patient's age, sex, and severity of infarction. Drapkin A, et al.
JAMA 222:541-8, 30 Oct 72
Anticoagulant-induced intramurai haematoma of the bowel. Lloyd DA, et al. **S Afr Med J** 47:734-8, 5 May 73
[Nephrotoxicity of drugs. 3] Leblanc A, et al.
Praxis 62:93-100, 23 Jan 73 **(Fre)**

ANALYSIS

Identification and determination of beta-diketones present in drugs. I. Identification by thin-layer chromatography method. Pomazańska-Kolodziejska.
Acta Pol Pharm 29:395-8, 1972

BLOOD

Ultraviolet spectrophotometric analysis of barbiturates: evaluation of potential interferences. Jatlow P. **Am J Clin Pathol** 59:167-73, Feb 73
Electroreduction and polarographic determination of 2-phenylindan-1,3-dione in serum. Jacobsen E, et al.
Anal Chim Acta 62:405-13, Dec 72

PHARMACODYNAMICS

Effect of non-narcotic analgesics on anticoagulant-induced hypoprothrombinemia in rats. Zawidzka ZZ, et al. **Experientia** 28:1482-3, 15 Dec 72
[Experiments on the influence of metabolites and antimetabolites on the model of Trichomonas vaginalis. X. Experiments with amino-acids] Christow CP.
Zentralbl Bakteriol [Orig A] 219:390-3, Mar 72 (Eng. Abstr.) **(Ger)**

THERAPEUTIC USE

Postpartum purpura fulminans: successful management with streptokinase. Preston FE, et al.
Br Med J 3:329-30, 11 Aug 73
The bone marrow during recovery from drug induced agranulocytosis. Rose MS, et al.
Guys Hosp Rep 121:147-53, 1972
Anticoagulant therapy after acute myocardial infarction. Relation of therapeutic benefit to patient's age, sex, and severity of infarction. Drapkin A, et al.
JAMA 222:541-8, 30 Oct 72
[Arterial diseases of the lower limbs. Treatment with anticoagulants. Value of their long-term use] Jouve A, et al.
Nouv Presse Med 1:2250-2, 30 Sep 72 (Eng. Abstr.) **(Fre)**
[Myocardial infarct and the shoulder-hand syndrome] Fiedler H, et al.
Z Aerztl Fortbild (Jena) 66:1090-2, 1 Nov 72 **(Ger)**
[Clinical case: glomerulonephritis] Gortázar-Hĩjar P.
Arch Invest Med (Mex) 4:75-8, 1973 **(Spa)**

PHYTONADIONE

ADMINISTRATION & DOSAGE

Potentiation of cortisone-induced RES suppression in mice by vitamin K 1 . Pariser RJ, et al.
J Reticuloendothel Soc 13:319-24, Apr 73

ADVERSE EFFECTS

[Scleroderma-like hypodermitis of the buttock due to intramuscular injection of drugs combined with vitamin K 1] Texier L, et al.
Ann Dermatol Syphiligr (Paris) 99:363-71, 1972 (Eng. Abstr.) **(Fre)**
[Lumbo-buttocks sclerodermiformic reactions after injection of vitamin K 1 : presentation of 2 cases. Histological verification] Bazex A, et al.
Bull Soc Fr Dermatol Syphiligr 79:578-81, 1972 **(Fre)**
[Sclerodermiformis patches of the ilio-tracanterian regions appearing consecutive to intramuscular injections of vitamin K 1] Misson R, et al.
Bull Soc Fr Dermatol Syphiligr 79:581-2, 1972 **(Fre)**

ANALYSIS

Phosphorescence study of excited triplet state properties of some K vitamins and their analytical usefulness. Aaron JJ, et al.
Anal Chem 44:2122-7, Nov 72

ANTAGONISTS & INHIBITORS

Mechanism of warfarin resistance. Warfarin and the metabolism of vitamin K 1 . Bell RG, et al. **Biochemistry 12:1759-62, 24 Apr 73**

BLOOD

Effect of warfarin anticoagulation on vitamin-K 1 metabolism in man. Shearer MJ, et al. **Br J Haematol 24:471-9, Apr 73**

Metabolism and excretion of 14 C-labeled warfarin and 14 C-labeled vitamin K 1 by isolated rat liver. Losito RJ, et al. **Mayo Clin Proc 47:731-8, Oct 72**

METABOLISM

Mechanism of warfarin resistance. Warfarin and the metabolism of vitamin K 1 . Bell RG, et al. **Biochemistry 12:1759-62, 24 Apr 73**

Studies on the metabolites of phylloquinone (vitamin K 1) in the urine of man. Shearer MJ, et al. **Biochim Biophys Acta 297:300-12, 28 Feb 73**

Effect of warfarin anticoagulation on vitamin-K 1 metabolism in man. Shearer MJ, et al. **Br J Haematol 24:471-9, Apr 73**

Whole-body autoradiographic study of vitamin K distribution in rat. Konishi T, et al. **Chem Pharm Bull (Tokyo) 21:220-4, Jan 73**

Metabolism and excretion of 14 C-labeled warfarin and 14 C-labeled vitamin K 1 by isolated rat liver. Losito RJ, et al. **Mayo Clin Proc 47:731-8, Oct 72**

PHARMACODYNAMICS

Mechanism of warfarin resistance. Warfarin and the metabolism of vitamin K 1 . Bell RG, et al. **Biochemistry 12:1759-62, 24 Apr 73**

Potentiation of cortisone-induced RES suppression in mice by vitamin K 1 . Pariser RJ, et al. **J Reticuloendothel Soc 13:319-24, Apr 73**

Radiosensitisers. **Lancet 2:638-40, 23 Sep 72**

[Effect of various hemostyptics in animal experiment] Mergard U, et al. **Chirurg 43:411-5, Sep 72 (Eng. Abstr.) (Ger)**

THERAPEUTIC USE

Kaposi sarcoma-like granuloma on diaper dermatitis. A report of five cases. Uyeda K, et al. **Arch Dermatol 107:605-7, Apr 73**

Ascending cholangitis: an urgent surgical problem. Cacioppo PL, et al. **Geriatrics 28:156-9, Mar 73**

Heparin therapy in the case of acute liver cirrhosis. Fischer M, et al. **Scand J Gastroenterol [Suppl] 19:135-8, 1973**

[Peptic ulcer hemorrhage due to anticoagulants] Lüllmann H, et al. **Dtsch Med Wochenschr 98:1731-3, 14 Sep 73 (Ger)**

URINE

Studies on the metabolites of phylloquinone (vitamin K 1) in the urine of man. Shearer MJ, et al. **Biochim Biophys Acta 297:300-12, 28 Feb 73**

Effect of warfarin anticoagulation on vitamin-K 1 metabolism in man. Shearer MJ, et al. **Br J Haematol 24:471-9, Apr 73**

PLASMINOGEN

Fibrinolytic activity of renal transplants in rabbits relation to graft thrombosis and necrosis. Myhre-Jensen O, et al. **Acta Pathol Microbiol Scand [A] 80:651-8, 1972**

Fibrinolysis in retinal vein occlusions. A preliminary report. Höhmann R, et al. **Albrecht von Graefes Arch Klin Ophthalmol 187:327-40, 1973**

The clinical significance of the plasminogen level. Lackner H, et al. **Am J Clin Pathol 60:175-81, Aug 73**

Relationship of endometrial plasminogen activator to fibrin proteolysis in the uterine cavity of rhesus monkeys. Shaw ST Jr, et al. **Am J Obstet Gynecol 115:983-5, 1 Apr 73**

Intravascular coagulation-fibrinolysis (ICF) syndrome. Owen CA Jr, et al. **Ann Clin Lab Sci 2:26-30, Jan-Feb 72**

Fibrinolytic activity in lesions of hereditary hemorrhagic telangiectasia. Kwaan HC, et al. **Arch Dermatol 107:571-3, Apr 73**

Fibrinolytic activity of squamous epithelium of the oral cavity and oesophagus of rat, guinea pig and rabbit. Myhre-Jensen O, et al. **Arch Oral Biol 16:1099-107, Sep 71**

The pharmacology S 1702, a new highly effective oral antidiabetic drug with unusual properties. 3. Antistickiness activity, fibrinolytic properties and haemostatic parameters study. Desnoyers P, et al. **Australas Radiol 22:1691-5, Oct 72**

Multiplicity of rabbit plasminogen. Physical characterization. Sodetz JM, et al. **Biochemistry 11:4451-8, 21 Nov 72**

Release of an N-terminal peptide from human plasminogen during activation with urokinase. Rickli EE, et al. **Biochim Biophys Acta 295:381-4, 25 Jan 73**

Detection of fibrinolytic activity by a zymogram technique after isoelectric focusing. Vesterberg O, et al. **Biochim Biophys Acta 285:393-7, 28 Dec 72**

Lung scans using 131 I human plasminogen. Spindler JJ, et al. **Br J Surg 59:908, Nov 72**

The inhibition of urokinase by alpha 2 -macroglobulin. Ogston D, et al. **Clin Sci 44:73-9, Jan 73**

The production of plasminogen activator during perfusion of isolated rabbit kidneys. Buluk K, et al. **Experientia 29:90-1, 1 May 73**

Identification of modified streptokinase as the activator of bovine and human plasminogen. Taylor FB Jr, et al. **J Biol Chem 248:1127-34, 25 Feb 73**

Degradation of human fibrinogen by plasms alpha2-macroglobulin-enzyme complexes. Harpel PC, et al. **J Clin Invest 52:2175-84, Sep 73**

Clinical physiology of the fibrinolytic enzyme system. Douglas AS, et al. **J Clin Pathol 25:615-8, Jul 72**

Pharmacology of thrombolysis: urokinase. Fletcher AP. **J Clin Pathol 25:633, Jul 72**

The fibrinolytic response to a variety of stimuli in man. Gash JD. **J Clin Pathol 25:619, Jul 72**

The mechanism of action of sstreptokinase. Heimburger N. **J Clin Pathol 25:632-3, Jul 72**

The fibrinolytic pathway of human plasma. Isolation and characterization of the plasminogen proactivator. Kaplan AP, et al. **J Exp Med 136:1378-93, 1 Dec 72**

Insolubilized activators of the fibrinolysin system. In vitro studies. Ambrus CM, et al. **J Med (Basel) 3:270-81, 1972**

Activation of plasminogen with insoluble derivatives of urokinase. Deutsch DG, et al. **J Med (Basel) 3:224-30, 1972**

Studies of staphylokinase. Vesterberg K, et al. **J Med Microbiol 5:441-50, Nov 72**

The coagulation and fibrinolytic properties of peritoneal and venous blood in patients with ruptured ectopic pregnancy. Carty MJ, et al. **J Obstet Gynaecol Br Commonw 80:701-3, Aug 73**

The mechanisms of canalisation in deep vein thrombosis. Sevitt S. **J Pathol 110:153-65, Jun 73**

New aspects of the pathogenesis of thrombo-embolism. Nilsson IM, et al. **Prog Surg 11:46-68, 1973 (89 ref.)**

Venous stasis and fibrinolytic activity. Influence of graduated compression and changes in gas values. Feddersen C, et al. **Scand J Haematol 9:502-8, 1972**

A fibrinolytic agent from a Saturnid caterpillar. Partial purification and characterization. Arocha-Pinango CL, et al. **Thromb Diath Haemorrh 29:135-42, 28 Feb 73**

[The plasminogen-plasmin system. 8. On the mechanism of chemical induction of fibrinolysis. Isolation of a latent plasminogen activator from human plasma. Tomikawa M, et al. **Thromb Diath Haemorrh 29:50-62, 28 Feb 73**

Wound healing and fibrinolytic activity. Szekeres L, et al. **Vasa 2:81-3, 1973**

[Variations of plasminogen in newborn and premature infants] Potron G, et al. **Arch Fr Pediatr 29:583-92, Jun-Jul 72 (Eng. Abstr.) (Fre)**

[Determination of antistreptokinases (ASK) by a micromethod] Philippon A, et al. **Nouv Presse Med 2:383-4, 10 Feb 73 (Fre)**

[Measurement of the fibrinolytic activation capacity of urine. Description of a simplified method. Role of ions] Kahn JP, et al. **Pathol Biol (Paris) 21:339-47, Apr 73 (Eng. Abstr.) (Fre)**

[Reaction kinetics of activator formation in streptokinase-induced fibrinolysis] Martin M. **Verh Dtsch Ges Inn Med 78:717-9, 1972 (Ger)**

[Consumption coagulopathies in childhood] Heinrichs C, et al. **Z Aerztl Fortbild (Jena) 66:853-9, 1 Sep 72 (Ger)**

[Can the blood of children who suffered interuterine

death influence the homeostasis of blood coagulation and fibrinolysis in the mother with its fibrinolytic activity?] Poradovský K.
Zentralbl Gynaekol 95:379-83, 16 Mar 73 (Ger)

[Proactivator-activator system in human plasma fibrinolysis: studies on the synthetic fibrinolytic system composed of functionally pure fibrinogen, plasminogen and proactivator, separated from human plasma] Okamoto U.
J Physiol Soc Jap 34:147-55, Mar 72 (Eng. Abstr.) (Jap)

[The histochemical study of the fibrinolytic activity: the localization of tissue plasminogen activator of the normal bladder wall among different animal species] Sugiura H, et al.
Jap J Urol 63:387-96, Jun 72 (Eng. Abstr.) (Jap)

[Blood clotting and fibrinolysis disorders in acute pancreatitis] Gabryelewicz A.
Acta Haematol Pol 2:319-25, Oct-Dec 71 (Eng. Abstr.) (Pol)

[Role of the vascular wall in the process of hemostasis] Kuznik BI.
Usp Sovrem Biol 75:61-85, Jan-Feb 73 (258 ref.) (Rus)

ANALYSIS

The fibrinolytic enzyme system in leukaemia, myelomatosis and myeloproliferative diseases. Ogston D, et al. **Acta Haematol (Basel)** 48:322-30, 1972

The histochemistry of fibrinolysis in haemophilic synovial membranes. Storti E, et al.
Acta Haematol (Basel) 49:142-53, 1973

Fibrinolytic activity of veins in the puerperium. Astedt B. **Acta Obstet Gynecol Scand** 51:325-8, 1972

Fibrinolytic activity of veins during treatment with medroxyprogesterone acetate. Astedt B.
Acta Obstet Gynecol Scand 51:283-6, 1972

Arvin therapy in experimental pulmonary embolism. Sharma GV, et al. **Am Heart J** 85:72-7, Jan 73

Coagulation studies in the hypertensive toxemias of pregnancy. Davidson EC Jr, et al.
Am J Obstet Gynecol 113:905-10, 1 Aug 72

Isoelectric focusing of human plasminogen, plasmin, and derived heavy (A) and light (B) chains. Robbins KC, et al. **Ann NY Acad Sci** 209:397-404, 15 Jun 73

Coagulation studies in haemolytic uraemic syndrome. Willoughby ML, et al. **Arch Dis Child** 47:766-71, Oct 72

Activation of fibrinolysis in muscular dystrophy. Berman PH, et al. **Arch Neurol** 29:65-6, Jul 73

Endothelium and fibrinolysis. Todd AS.
Atherosclerosis 15:137-40, Mar-Apr 72

Amino terminal amino acid sequences and carbohydrate of the two major forms of rabbit plasminogen. Castellino FJ, et al.
Biochem Biophys Res Commun 53:845-51, 6 Aug 73

Rotational diffusion analysis of the conformational alterations produced in plasminogen by certain antifibrinolytic amino acids. Castellino FJ, et al.
Biochemistry 12:2787-91, 17 Jul 73

Multiplicity of rabbit plasminogen. Physical characterization. Sodetz JM, et al.
Biochemistry 11:4451-8, 21 Nov 72

Release of an N-terminal peptide from human plasminogen during activation with urokinase. Rickli EE, et al. **Biochim Biophys Acta** 295:381-4, 25 Jan 73

Microangiopathic haemolytic anaemia associated with hypercalcaemia in an experimental rat tumour. Hilgard P, et al. **Br J Haematol** 24:245-54, Feb 73

Studies on blood coagulation, fibrinolysis and platelet function following exercise in normal and splenectomized people. Prentice CR, et al.
Br J Haematol 23:541-52, Nov 72

Blood clotting and fibrinolysis in areas with different water supplies. Elwood PC, et al.
Br J Prev Soc Med 26:246-8, Nov 72

Impairment of the diurnal fibrinolytic response in man. Effects of aging, type IV hyperlipoproteinemia, and coronary artery disease. Rosing DR, et al.
Circ Res 32:752-8, Jun 73

Fibrinolytic activity in hepatic cirrhosis. Blatný J, et al.
Digestion 6:165-72, 1972

Activation of human plasminogen by an insoluble derivative of urokinase. Structural changes of plasminogen in the course of activation to plasmin and demonstration of a possible intermediate compound. Wiman B, et al. **Eur J Biochem** 36:25-31, 2 Jul 73

Human sperm acrosomal proteinase: antibody inhibition and immunologic dissimilarity to human pancreatic trypsin. Zaneveld LJ, et al.
Fertil Steril 24:479-84, Jun 73

Acute hepatic necrosis of hepatitis and mushroom poisoning. The value of coagulation tests in their differentiation, prognostic assessment and pathogenesis. Herold R, et al.
Helv Med Acta 37:5-24, 1973

Laboratory investigations of the dic syndrome. Temperley IJ, et al. **Ir J Med Sci** 83-96, May 73

Isolation of high molecular weight activators of human plasma prekallikrein. Bagdasarian A, et al.
J Biol Chem 248:3456-63, 25 May 73

The primary structure of human plasminogen. I. The NH 2 -terminal sequences of human plasminogen and the S-carboxymethyl heavy (A) and light (B) chain derivatives of plasmin. Robbins KC, et al.
J Biol Chem 247:6757-62, 10 Nov 72

Isolation, characterization, and comparison of the S-carboxymethyl heavy (A) and light (B) chain derivatives of cat, dog, rabbit, and bovine plasmins. Summaria L, et al. **J Biol Chem** 248:6522-7, 25 Sep 73

Characterization of the NH 2 -terminal glutamic acid and NH 2 -terminal lysine forms of human plasminogen isolated by affinity chromatography and isoelectric focusing methods. Summaria L, et al.
J Biol Chem 248:2984-91, 10 May 73

Radiographic, haemodynamic and biochemical findings related to the National Heart and Lung Institute's urokinase pulmonary embolism trial. Johnson AJ, et al. **J Clin Pathol** 25:646, Jul 72

Evaluation of the orginal fibrin plate method for estimating plasminogen activators. Marsh NA, et al.
J Clin Pathol 25:623-4, Jul 72

Comparison between a direct and an indirect method for determining plasminogen. Nilsson IM, et al.
J Clin Pathol 25:624, Jul 72

Effect of treatment with combined phenformin and ethyloestrenol on the coagulation and fibrinolytic systems. Nilsson IM, et al. **J Clin Pathol** 25:638-9, Jul 72

Degradation products of fibrinogen and fibrin in bacteremia due to gram-negative rods. Satterwhite TK, et al. **J Infect Dis** 127:437-41, Apr 73

Highly sensitive method for the assay of plasminogen. Wu KK, et al. **J Lab Clin Med** 81:484-8, Mar 73

Platelet response and coagulation changes following massive blood replacement. Lim RC Jr, et al.
J Trauma 13:577-82, Jul 73

Reduction of thrombus formation on dialyser membranes by aspirin and RA 233. Lindsay RM, et al.
Lancet 2:1287-90, 16 Dec 72

Activation of fibrinolysis by a lymphogenic activator in the rat. Hilgard P, et al. **Lymphology** 5:152-5, Dec 72

Comparative studies on various types of crude and refined thrombin preparations. Joyner WL, et al.
Res Commun Chem Pathol Pharmacol 2:919-26, Nov 71

Molecular forms of plasmin and protease inhibitors in human fibrinolytic post-mortem plasma. Müllertz S.
Scand J Clin Lab Invest 30:369-79, Dec 72

Coagulation and fibrinolysis in simian Plasmodium knowlesi malaria. Sucharit P, et al.
Southeast Asian J Trop Med Public Health 4:15-8, Mar 73

Evidence for abnormalities in clotting and thrombolysis as a risk factor for stroke. Pilgeram LO, et al. **Stroke** 4:643-57, Jul-Aug 73

Coagulation studies in a case of severe congenital hypofibrinogenemia. Barbu T, et al.
Thromb Diath Haemorrh 28:129-34, 31 Aug 72

Blood coagulation and fibrinolysis in a random sample of 788 men 54 years old. II. Relations of the variables to "risk factors" for myocardial infarction. Korsan-Bengtsen K, et al.
Thromb Diath Haemorrh 28:99-108, 31 Aug 72

Blood coagulation and fibrinolysis in a random sample of 788 men 54 years old. I. Correlations between the variables of clotting and fibrinolysis. Korsan-Bengtsen K, et al.
Thromb Diath Haemorrh 28:89-98, 31 Aug 72

Evaluation of the fibrin plate method for estimating plasminogen activators. Marsh NA, et al.
Thromb Diath Haemorrh 28:75-88, 31 Aug 72

Experimental study of rabbit fibrinogen degradation products. Influence of plasminogen level for the interpretation of serum concentration of fibrinogen degradation products in consumption coagulopathies. Soria J, et al.
Thromb Diath Haemorrh 29:115-21, 28 Feb 73

A survey of the production of plasma derivatives for clinical use. Schwick HG.
Vox Sang 23:82-91, Jul-Aug 72

[Efficiency and limits of immunologic methods in the diagnosis of blood coagulation] Schwick HG, et al.
Internist (Berlin) 14:160-9, Apr 73 (Ger)

[Studies on the radioimmunologic determination of plasminogen-plasmin] Rasche H, et al.
Nucl Med (Stuttg) 9:735-7, 1971 **(Ger)**
[Coagulation parameters in mother and newborn infant] Biland L, et al.
Schweiz Med Wochenschr 102:1611-2, 4 Nov 72 (Eng. Abstr.) **(Ger)**
[Diagnosis and therapy of consumption coagulopathy] Lechner K.
Wien Klin Wochenschr 85:467-70, 29 Jun 73 (Eng. Abstr.) **(Ger)**
[A simple method for plasminogen determination] Rogner G.
Z Med Labortech 14:40-5, 1973 (Eng. Abstr.) **(Ger)**
[Immunoelectrophoretic analysis of cervix mucus] Donat H. **Zentralbl Gynaekol** 95:327-32, 9 Mar 73 **(Ger)**
[Consumption coagulopathy observed mainly in obstetrics] Masaki M.
Jap J Clin Hematol 13:195-7, Apr 72 **(Jap)**
[Histochemical studies on cellular plasminogen activator. Plasminogen activator in the normal transitional cells of the guinea pig urinary bladder] Sugiura H.
Jap J Urol 64:265-80, Apr 73 (Eng. Abstr.) **(Jap)**
[Histochemical studies on tissue plasminogen activator. Interrelationship between tissue plasminogen activator and alkaline phosphatase in the bladder wall] Sugiura H.
Jap J Urol 64:449-63, Jun 73 (Eng. Abstr.) **(Jap)**
[Blood coagulation tissue factors in human palatine tonsils] Rybina OF.
Vestn Otorinolaringol 35:61-3, Mar-Apr 73 (Eng. Abstr.) **(Rus)**
[Effect of physical activity on fibrinolytic processes in healthy subjects] Ciko Z.
Vojnosanit Pregl 29:494-7, Nov 72 **(Cro)**

ANTAGONISTS & INHIBITORS

Fibrinolytic activity of veins in the puerperium. Astedt B. **Acta Obstet Gynecol Scand** 51:325-8, 1972
Inhibition of plasminogen activators by naturally occurring inhibitors in man. Aoki N, et al.
Am J Physiol 223:1334-7, Dec 72
Further evidence for an active center in streptokinase-plasminogen complex; interaction with pancreatic trypsin inhibitor. Reddy KN, et al.
Biochem Biophys Res Commun 51:672-9, 2 Apr 73
Studies on the blood fibrinolytic system in congestive cardiac failure. Rawles JM, et al.
Clin Sci 45:65-76, Jul 73
Plasma inhibitors of the components of the fibrinolytic pathway in man. Schreiber AD, et al.
J Clin Invest 52:1394-401, Jun 73
Clinical physiology of the fibrinolytic enzyme system. Douglas AS, et al. **J Clin Pathol** 25:615-8, Jul 72
Partial purification of an activator inhibitor in serum. Nilsson IM, et al. **J Clin Pathol** 25:621-2, Jul 72
The fibrinolytic pathway of human plasma. Isolation and characterization of the plasminogen proactivator. Kaplan AP, et al. **J Exp Med** 136:1378-93, 1 Dec 72
Study of the 2 macroglobulin-plasmin interaction mechanism. Steinbuch M, et al.
Pathol Biol (Paris) Suppl:52-5, Dec 72
The activating mechanism of human plasminogen through streptokinase. Inhibition experiments with BAL. Auerswald W, et al. **Pharmacology** 8:232-4, 1972
Inhibition of lysosomal plasminogen activator activity in experimental shock. Tauber P.
Pharmacology 9:1-15, 1973
The formation of an enzymically active complex between DFP-inhibited plasmin and streptokinase. Tomar RH, et al.
Proc Soc Exp Biol Med 143:127-30, May 73
The inhibition of tissue plasminogen activator and urokinase-induced fibrinolysis by some natural proteinase inhibitors and by plasma and serum from normal and pregnant subjects. Thorsen S.
Scand J Clin Lab Invest 31:51-9, Jan 73
Structure-activity relationships for the inhibition of plasmin and plasminogen activation by aromatic diamidines and a study of the effect of plasma proteins on the inhibition process. Geratz JD.
Thromb Diath Haemorrh 29:154-67, 28 Feb 73
[Importance of shock in the activation of fibrinolysis caused by injection of incompatible blood in dogs. Effect of a previous hypotension] Dosne AM.
C R Soc Biol (Paris) 165:2299-304, 1971 **(Fre)**

BIOSYNTHESIS

Generation of 125 I-labelled plasmin in dogs in response to venous injury. Takeda Y, et al.
Ciba Found Symp 9:203-16, 1972
The primary structure of human plasminogen. II. The histidine loop of human plasmin: light (B) chain active center histidine sequence. Robbins KC, et al.
J Biol Chem 248:1631-3, 10 Mar 73
Cold promoted activation of Factor VII. V. Relation to the fibrinolytic system. Gjonnaess H.
Thromb Diath Haemorrh 29:143-53, 28 Feb 73

BLOOD

Fibrinolysis in cholestatic jaundice. Jedrychowski A, et al. **Br Med J** 1:640-2, 17 Mar 73
Studies on the blood fibrinolytic system in congestive cardiac failure. Rawles JM, et al.
Clin Sci 45:65-76, Jul 73
The present status of thrombolytic agents. Verstraete M. **Drugs** 5:353-6, 1973
The blood coagulation and fibrinolytic enzyme systems in healthy adult Africans and Europeans--a comparative study. Barr RD, et al.
Scott Med J 18:93-7, May 73
The significance of plasma inhibitor(s) in the control of fibrinolytic (plasmin) activity in blood. Monkhouse FC, et al. **Thromb Diath Haemorrh** 28:367-75, 31 Dec 72
[Hemostatic disorders in the treatment of leukoblastosis with L-asparaginase (crasnitin)] Genova V. **Vutr Boles** 12:43-9, 1973 (Eng. Abstr.) **(Bul)**
[The origin and physiological importance of activated plasminogen and plasmin in excitation of the anticoagulative system] Kudriashov BA, et al.
Vopr Med Khim 19:136-40, Mar-Apr 73 (Eng. Abstr.) **(Rus)**

CEREBROSPINAL FLUID

Plasminogen in normal and abnormal human cerebrospinal fluid. Wu KK, et al.
Arch Neurol 28:64-6, Jan 73
Highly sensitive method for the assay of plasminogen. Wu KK, et al. **J Lab Clin Med** 81:484-8, Mar 73

CHEMICAL SYNTHESIS

[The origin and physiological importance of activated plasminogen and plasmin in excitation of the anticoagulative system] Kudriashov BA, et al.
Vopr Med Khim 19:136-40, Mar-Apr 73 (Eng. Abstr.) **(Rus)**

DIAGNOSTIC USE

[Fibrinolytic activity found in intracranial tumors] Koos W, et al.
Neurochirurgie 17:549-57, Dec 71 (Eng. Abstr.) **(Fre)**

ISOLATION & PURIFICATION

Rotational diffusion analysis of the conformational alterations produced in plasminogen by certain antifibrinolytic amino acids. Castellino FJ, et al.
Biochemistry 12:2787-91, 17 Jul 73
Multiplicity of rabbit plasminogen. Physical characterization. Sodetz JM, et al.
Biochemistry 11:4451-8, 21 Nov 72
Generation of 125 I-labelled plasmin in dogs in response to venous injury. Takeda Y, et al.
Ciba Found Symp 9:203-16, 1972
Inactivation of complement (C3) in human serum by atopic allergens. Berrens L, et al.
Int Arch Allergy Appl Immunol 45:30-9, 1973
The primary structure of human plasminogen. I. The NH 2 -terminal sequences of human plasminogen and the S-carboxymethyl heavy (A) and light (B) chain derivatives of plasmin. Robbins KC, et al.
J Biol Chem 247:6757-62, 10 Nov 72
Isolation, characterization, and comparison of the S-carboxymethyl heavy (A) and light (B) chain derivatives of cat, dog, rabbit, and bovine plasmins. Summaria L, et al. **J Biol Chem** 248:6522-7, 25 Sep 73
Characterization of the NH 2 -terminal glutamic acid and NH 2 -terminal lysine forms of human plasminogen isolated by affinity chromatography and isoelectric focusing methods. Summaria L, et al.
J Biol Chem 248:2984-91, 10 May 73
Study of the 2 macroglobulin-plasmin interaction

mechanism. Steinbuch M, et al.
Pathol Biol (Paris) Suppl:52-5, Dec 72

METABOLISM

The fibrinolytic enzyme system in malignant lymphomas. Ogston D, et al.
Acta Haematol (Basel) 49:89-95, 1973
Blood coagulation, fibrinolysis and platelet function in women aged 38, 46, 50, 54 and 60. The study of women in Gothenburg 1968-1969. Korsan-Bengtsen K, et al.
Acta Med Scand 193:543-6, Jun 73
Fibrinolytic acivity in lung tissue from neonates with hyaline membrane disease. Ekelund H, et al.
Acta Paediatr Scand 62:149-57, Mar 73
Fibrinolytic activity in rat gastrointestinal mucosa. Myhre-Jensen O, et al. **Arch Pathol 95:195-8, Mar 73**
Endothelium and fibrinolysis. Todd AS.
Atherosclerosis 15:137-40, Mar-Apr 72
The pharmacology S 1702, a new highly effective oral antidiabetic drug with unusual properties. 3. Antistickiness activity, fibrinolytic properties and haemostatic parameters study. Desnoyers P, et al.
Australas Radiol 22:1691-5, Oct 72
Plasmic degradation of human fibrinogen. II. Further characterization of fragment D. Furlan M, et al.
Biochim Biophys Acta 310:205-16, 17 May 73
Streptokinase: a review of its clinical pharmacology, mechanism of action and therapeutic uses. Brogden RN, et al. **Drugs 5:357-445, 1973 (280 ref.)**
Activation of human plasminogen by an insoluble derivative of urokinase. Structural changes of plasminogen in the course of activation to plasmin and demonstration of a possible intermediate compound. Wiman B, et al. **Eur J Biochem 36:25-31, 2 Jul 73**
Anti-estrogens and plasma proteins. I. Clomiphene and isomers, ethamoxytriphetol, U-11,100A and U-11,555A. Barbosa J, et al.
J Clin Endocrinol Metab 36:666-78, Apr 73
Anti-estrogens and plasma proteins. II. Contraceptive drugs and gestagens. Barbosa J, et al.
J Clin Endocrinol Metab 36:706-14, Apr 73
The fibrinolytic enzyme system in hypertension. Bennett B, et al. **J Clin Pathol 26:351-3, May 73**
Thrombolysis. Sharp AA, et al.
J Clin Pathol 25:630-1, Jul 72
Degradation products of fibrinogen and fibrin in bacteremia due to gram-negative rods. Satterwhite TK, et al. **J Infect Dis 127:437-41, Apr 73**
Should we stand all day? **Lancet 2:81, 14 Jul 73**
The activating mechanism of human plasminogen through streptokinase. Inhibition experiments with BAL. Auerswald W, et al. **Pharmacology 8:232-4, 1972**
The formation of an enzymically active complex between DFP-inhibited plasmin and streptokinase. Tomar RH, et al.
Proc Soc Exp Biol Med 143:127-30, May 73
Release of plasminogen activator from viable leukocytes of man, baboon, dog and rabbit. Wünschmann-Henderson B, et al.
Proc Soc Exp Biol Med 141:634-8, Nov 72
Effect of L-asparaginase therapy upon some indices of protein metabolism in leukemic patients. Cuculanu M, et al. **Rev Roum Med Intern 10:121-31, 1973**
Some recent advances in coagulation--1972. King JB.
S Afr Med J 46:2085-9, 30 Dec 72 (42 ref.)
The plasminogen activator content of the arterial wall in occlusive arterial diseases. Constantini R, et al.
Thromb Diath Haemorrh 27:649-54, 31 Jul 72
The effects of bile salts on some coagulation components and related enzymes. Engel AM, et al.
Thromb Diath Haemorrh 27:594-609, 31 Jul 72
Differences in the binding to fibrin of urokinase and tissue plasminogen activator. Thorsen S, et al.
Thromb Diath Haemorrh 28:65-74, 31 Aug 72
[Defibrinating effect in dogs of FTH 50 (thrombinomimetic fraction of reptilase)] Follana R, et al. **C R Soc Biol (Paris) 166:1341-5, 1972 (Fre)**
[Human thrombin inhibitors (2 -macroglobulin and antithrombin 3) during and after surgical and gynecologic-obstetrical intervention] Fischer M.
Folia Haematol (Leipz) 98:397-407, 1972 (Ger)
[Studies on the radioimmunologic determination of plasminogen-plasmin] Rasche H, et al.
Nucl Med (Stuttg) 9:735-7, 1971 (Ger)
[Disseminated intravascular coagulation] Maekawa T.
Jap J Clin Pathol 21:24-30, Jan 73 (7 ref.) (Jap)
[Blood coagulation and fibrinolysis processes in menstrual blood] Zuch A, et al.
Acta Haematol Pol 2:359-65, Oct-Dec 71 (43 ref.) (Pol)
[Functional correlation between plasma hemostasis and insulin] Kleniewski J.
Pol Tyg Lek 28:658-9, 30 May 73 (Pol)
[The presence of plasminogen activator in kidney perfusate] Zuch A, et al.
Przegl Lek 30:504-9, 1973 (Eng. Abstr.) (Pol)
[The effect of adrenalectomy and administration of corticosteroids on the fibrinolytic activity of complex heparin compounds in the blood during immobilization] Kudriashov BA, et al.
Fiziol Zh SSSR 59:1108-13, Jul 73 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

The fibrinolytic pathway of human plasma. II. The generation of chemotactic activity by activation of plasminogen proactivator. Kaplan AP, et al.
J Clin Invest 52:2591-5, Oct 73
Mechanism of ancrod anticoagulation. A direct proteolytic effect on fibrin. Pizzo SV, et al.
J Clin Invest 51:2841-50, Nov 72
[Functional correlation between plasma hemostasis and insulin] Kleniewski J.
Pol Tyg Lek 28:658-9, 30 May 73 (Pol)

PHYSIOLOGY

Fibrinolytic activity evoked in the plasma of the normal and adrenalectomized rat by cellulose sulphate. Rosa AT, et al. **Br J Pharmacol 45:470-5, Jul 72**
[Physiology of coagulation and fibrinolysis] Belleville J. **Lyon Med 19:Suppl:103-12, Apr 72 (Fre)**
[Origin and physiological significance of "activated" plasminogen and plasmin for the mobilization of the anticoagulation system] Kudrjaschow BA, et al.
Folia Haematol (Leipz) 98:313-21, 1972 (Eng. Abstr.) (Ger)
[Humoral factors of the anticoagulative system] Kudrjashov BA.
Folia Haematol (Leipz) 98:391-6, 1972 (Ger)
[Disseminated intravascular coagulation] Amir J.
Harefuah 83:29-32, 2 Jul 72 (20 ref.) (Heb)
[The origin and physiological importance of activated plasminogen and plasmin in excitation of the anticoagulative system] Kudriashov BA, et al.
Vopr Med Khim 19:136-40, Mar-Apr 73 (Eng. Abstr.) (Rus)

THERAPEUTIC USE

[Principles of thrombolytic treatment] Judkiewicz L, et al. **Pol Tyg Lek 27:1011-3, 26 Jun 72 (27 ref.) (Pol)**

URINE

Highly sensitive method for the assay of plasminogen. Wu KK, et al. **J Lab Clin Med 81:484-8, Mar 73**
[Histochemical studies on cellular plasminogen activator. Plasminogen activator in the normal transitional cells of the guinea pig urinary bladder] Sugiura H.
Jap J Urol 64:265-80, Apr 73 (Eng. Abstr.) (Jap)

PROTAMINES

Properties of purified phospholipase C from Acinetobacter calcoaceticus. Lehmann V.
Acta Pathol Microbiol Scand [B] 80:827-34, 1972
The relationship of protamine sulfate to nonspecific precipitin reactions in immunodiffusion. Buhmeyer KJ, et al. **Am J Clin Pathol 58:303-4, Sep 72**
The use of laboratory determinations in the control of streptokinase therapy. Minn SK, et al.
Am J Clin Pathol 58:415-21, Oct 72
Differentiation of bleeding diatheses which occur following protamine correction of heparin anticoagulation. Soloway HB, et al.
Am J Clin Pathol 30:188-91, Aug 73
A specific method for the quantitative determination of -glucose-1-phosphate. Belocopitow E, et al.
Anal Biochem 53:108-14, May 73
Epidural hematoma following postoperative epidural analgesia: a case report. Janis KM.
Anesth Analg (Cleve) 51:689-92, Sep-Oct 72
Concentration of reovirus and adenovirus from sewage and effluents by protamine sulfate (salmine) treatment. England B. **Appl Microbiol 24:510-2, Sep 72**
Branded chain amino acid aminotransferases of Neurospora crassa. Collins M, et al.
Arch Biochem Biophys 155:184-93, Mar 73

DNA helix stability. I. Differential stabilization by counter cations. Dix DE, et al. **Arch Biochem Biophys** 152:299-310, Sep 72

Heparin effects on plasma lysolecithin formation and platelet aggregation. Besterman EM, et al. **Atherosclerosis** 17:503-13, May-Jun 73

Characterization of a protein acyl kinase from Caulobacter crescentus. Agabian N, et al. **Biochem Biophys Res Commun** 49:1690-8, 18 Dec 72

Protein kinase activities in rat epididymis. Effects of maturation and testosterone treatment. Bernard EA, et al. **Biochem Biophys Res Commun** 49:434-40, 17 Oct 72

Protamine kinase independent of adenosine 3',5'-monophosphate from rat brain cytosol. Inoue Y, et al. **Biochem Biophys Res Commun** 50:228-36, 23 Jan 73

Effect of protein binding on phospholipase C hydrolysis of aqueous phospholipid dispersions. Lenaz G, et al. **Biochem Biophys Res Commun** 49:278-82, 6 Oct 72

Three protein kinases from calf uterus. Subcellular distribution and physical properties. Puca GA, et al. **Biochem Biophys Res Commun** 49:970-6, 15 Nov 72

Inosine 3',5'-monophosphate and adenosine 3',5'-monophosphate-dependent protein kinase from human PMN leucocytes. Tsung PK, et al. **Biochem Biophys Res Commun** 49:1657-62, 18 Dec 72

The purification and properties of cyclohexanone oxygenase from Nocardia globerula CL 1. Norris DB, et al. **Biochem J** 130:30P, Nov 72

Interaction of quinacrine mustard with calf thymus histone fractions. Selander RK, et al. **Biochem J** 131:757-64, Apr 73

Kinetics of phenylalanine hydroxylase with analogs of tetrahydrobiopterin. Ayling JE, et al. **Biochemistry** 12:2045-51, 22 May 73

Studies on a calf thymus ribonuclease specific for ribonucleic acid-deoxyribonucleic acid hybrids. Haberkern RC, et al. **Biochemistry** 12:2389-95, 19 Jun 73

Precipitation of nucleic acids with polyethyleneimine and the chromatography of nucleic acids and proteins on immobilised polyethyleneimine. Atkinson A, et al. **Biochim Biophys Acta** 308:41-52, 21 Apr 73

Histone hydrolase activity of rat liver lysosomal cathepsin B2. De Lumen BO, et al. **Biochim Biophys Acta** 293:217-25, 12 Jan 73

The purification and some properties of the molybdenum-iron protein of Chromatium nitrogenase. Evans MC, et al. **Biochim Biophys Acta** 310:344-52, 15 Jun 73

Purification and partial characterization of two genetically defined alcohol dehydrogenase isozymes in maize. Felder MR, et al. **Biochim Biophys Acta** 317:149-59, 12 Jul 73

Specific interaction of central nervous system myelin basic protein with lipids. Effects of basic protein on glucose leakage from liposomes. Gould RM, et al. **Biochim Biophys Acta** 290:200-18, 1 Dec 72

Phosphoprotein kinases from rat liver cytosol. Matsumura S, et al. **Biochim Biophys Acta** 289:237-41, 10 Nov 72

Electron microscopy study of positive charges on fibrin fibres. Pouit L, et al. **Biochim Biophys Acta** 317:99-105, 12 Jul 73

Enzymic properties of a mutant tryptophan synthase from Neurospora crassa. Tsai H, et al. **Biochim Biophys Acta** 284:324-40, 19 Sep 72

Chromatographic separation of two ionic strength dependent conformations of valine transfer ribonucleic acid of Bacillus subtilis. Heyman T, et al. **Biochimie** 55:127-34, 1973

A comparative x-ray study of a nucleoprotamine and DNA complexes with polylysine and polyarginine. Suwalsky M, et al. **Biopolymers** 11:2223-31, 1972

Estimating fibrin products in urine. Wardle EN, et al. **Br Med J** 4:363, 11 Nov 72

Inhibition of ribonucleotide reductase from Ehrlich tumor cells by RNA. Cory JG. **Cancer Res** 33:993-8, May 73

Several adenosine 3',5'-monophosphate-dependent protein kinases in the thyroid. Spaulding SW, et al. **Endocrinology** 91:1343-9, Nov 72

Protein kinase from rainbow-trout-testis ribosomes. Partial purification and characterization. Jergil B. **Eur J Biochem** 28:546-54, 4 Aug 72

Animal DNA-dependent RNA polymerases. 1. Large-scale solubilization and separation of A and B calf-thymus RNA-polymerase activities. Kedinger C, et al. **Eur J Biochem** 28:269-76, 13 Jul 72

The lipolytic activity of human milk. Jubelin J, et al. **Eur J Clin Invest** 2:417-21, Nov 72

Protein kinase in sea urchin gametes and embryos. Lee MY, et al. **Exp Cell Res** 75:300-4, Nov 72

Deoxyribonucleic acid-dependent ribonucleic acid polymerase of Caulobacter crescentus. Bendis IK, et al. **J Bacteriol** 115:848-57, Sep 73

3-Ketoglucose reductase of Agrobacterium tumefaciens. Hayano K, et al. **J Bacteriol** 113:652-7, Feb 73

Biosynthesis of branched-chain amino acids in Schizosaccharomyces pombe: regulatory properties of threonine deaminase. McDonald RA, et al. **J Bacteriol** 114:323-31, Apr 73

Biosynthesis of branched-chain amino acids in Schizosaccharomyces pombe: properties of acetohydroxy acid synthetase. McDonald RA, et al. **J Bacteriol** 114:332-40, Apr 73

Absolute configuration of a metabolite in the m-fission pathway of protocatechuate. Ritter CS, et al. **J Bacteriol** 113:1064-5, Feb 73

Phosphotransacetylase from Clostridium acidiurici. Robinson JR, et al. **J Bacteriol** 112:465-73, Oct 72

Partial purification and some properties of the uridine diphospho-N-acetylglucosamine-enolpyruvate reductase from Staphylococcus epidermidis. Wickus GG, et al. **J Bacteriol** 113:291-4, Jan 73

Partial purification and properties of the pyruvate-uridine diphospho-N-acetylglucosamine transferase from Staphylococcus epidermidis. Wickus GG, et al. **J Bacteriol** 113:287-90, Jan 73

Isolation and properties of a pyruvate dehydrogenase complex from the yeast Hansenula miso. Hirabayashi T, et al. **J Biochem (Tokyo)** 71:797-804, May 72

Protein kinase modulator from lobster tail muscle. II. Effects of the modulator on holoenzyme and catalytic subunit of guanosine 3',5'-monophosphate-dependent and adenosine 3',5'-monophosphate-dependent protein kinases. Donnelly TE Jr, et al. **J Biol Chem** 248:199-203, 10 Jan 73

Acetyl coenzyme A carboxylase. Molecular forms and subunit composition of biotin carboxyl carrier protein. Fall RR, et al. **J Biol Chem** 247:8005-15, 25 Dec 72

Purification and properties of -ketoglutarate synthase from a photosynthetic bacterium. Gehring U, et al. **J Biol Chem** 247:6963-9, 10 Nov 72

Characterization of a fatty acid synthetase from Corynebacterium diphtheriae. Knoche HW, et al. **J Biol Chem** 248:3517-9, 25 May 73

Lysophospholipases of rat brain. Leibovitz-BenGershon Z, et al. **J Biol Chem** 247:6840-7, 10 Nov 72

Effect of polyamines on a ribonuclease which hydrolyzes ribonucleic acid at uridylic acid residues. Levy CC, et al. **J Biol Chem** 248:5712-9, 25 Aug 73

Purification and properties of purine nucleoside phosphorylase from Salmonella typhimurium. Robertson BC, et al. **J Biol Chem** 248:2040-3, 25 Mar 73

Cyclic adenosine 3',5'-monophosphate-dependent protein kinase of human erythrocyte membranes. Rubin CS, et al. **J Biol Chem** 247:6135-9, 10 Oct 72

Threonine synthetase of Bacillus subtilis. The nature of an associated dehydratase activity. Skarstedt MT, et al. **J Biol Chem** 248:1032-44, 10 Feb 73

Purification and properties of nicotinamide deamidase from Flavobacterium peregrinum. Tanigawa Y, et al. **J Biol Chem** 247:8036-42, 25 Dec 72

Preliminary results of the reptilase clotting time and protamine test in patients undergoing open heart surgery with extracorporeal circulation. Palester-Chlebowczyk M, et al. **J Clin Pathol** 25:625, Jul 72

The application of DEAE-cellulose column chromatography to the selection of S + revertants and determination of reversion frequency in populations of S - mutants of fowl plague virus. Germanov AB, et al. **J Gen Virol** 17:49-54, Oct 72

The properties of some 14 C-fluorescein-protein conjugates. Johnson EA, et al. **J Immunol Methods** 1:91-9, Sep 71

Disseminated intravascular coagulation in a newborn infant with Listeria sepsis. Miller R, et al. **J Pediatr** 83:640-2, Oct 73

Effective fixed charge density governing membrane phenomena. V. A reduced expression of permselectivity. Kamo N, et al. **J Phys Chem** 77:92-5, 4 Jan 73

Acid hydrolysis of chicken muscle protein by reflux

and sealed tube methods. Otterburn MS, et al. **J Sci Food Agric** 24:929-35, Aug 73

Preparation and characterization of mouse intestinal phospholipase. Ottolenghi A. **Lipids** 8:415-25, Jul 73

Application of paper discs in immuno-electro-osmophoresis for detection of HAA (hepatitis associated antigen). Cohen E, et al. **Prog Immunobiol Stand** 5:67-9, 1972

Ethanol gelation and protamine sulfate tests. Comparison and criticque. Jacobsen CD, et al. **Thromb Diath Haemorrh** 29:130-4, 28 Feb 73

[Comparative biological actions of different depot glucagons and standard glucagon] Assan R, et al. **Pathol Biol (Paris)** 20:979-84, Dec 72 (Eng. Abstr.) **(Fre)**

[Malic acid metabolism in Saccharomyces. II. Partial purification and characteristics of a "malic" enzyme] Fuck E, et al. **Arch Mikrobiol** 89:223-31, 1973 (Eng. Abstr.) **(Ger)**

[Biophysical studies using the tensiometer] Hirt-Schmid R. **Arzneim Forsch** 22:1231-2, Jul 72 (Eng. Abstr.) **(Ger)**

[Isolation and purification of enzymes methylating tRNA] Aschloff HJ, et al. **Hoppe Seylers Z Physiol Chem** 353:1501-2, Oct 72 **(Ger)**

[Human serum proteins with high affinity to carboxymethylcellulose. II. Physico-chemical and immunological characterization of a histidine-rich 3,8S- 2 -glycoportein (CM-protein I)] Heimburger N, et al. **Hoppe Seylers Z Physiol Chem** 353:1133-40, Jul 72 (Eng. Abstr.) **(Ger)**

[Kinetic and chemical study of succinyl papain] Löffler HG, et al. **Z Naturforsch [B]** 27:1490-7, Dec 72 (Eng. Abstr.) **(Ger)**

[Detection of fibrinogen and fibrin degradation products (FDP) and its clinical significance] Fujimaki M, et al. **Jap J Clin Med** 31:798-804, Apr 73 (45 ref.) **(Jap)**

[Fibrinogen and fibrin degradation products] Fujimaki M, et al. **Jap J Clin Pathol** 21:31-6, Jan 73 (42 ref.) **(Jap)**

[Phage RNA replicase] Ito Y, et al. **Protein Nucleic Acid Enzyme (Tokyo)** Suppl:159-64, Oct 72 (35 ref.) **(Jap)**

[Improved method of E. coli RNA polymerase purification] Iwakura Y, et al. **Protein Nucleic Acid Enzyme (Tokyo)** Suppl:133-9, Oct 72 (11 ref.) **(Jap)**

[Protamine and ethanol tests in pregnancy and puerperium] Uszyńska-Folejewska R, et al. **Ginekol Pol** 44:135-9, Feb 73 (Eng. Abstr.) **(Pol)**

[Determination of the interaction of polycyclic hydrocarbons with proteins by the chemiluminescent method] Zakarian AE, et al. **Biofizika** 17:769-74, Sep-Oct 72 (Eng. Abstr.) **(Rus)**

[Purification of protamine sulfate and its use to isolate acid and base proteins and nucleic acids] Gvozdev RI, et al. **Prikl Biokhim Mikrobiol** 8:221-5, Mar-Apr 72 (Eng. Abstr.) **(Rus)**

[Relation between activation and inhibition of the enzyme activity of Na, K-ATPase during its interaction with histones] Pisareva LN, et al. **Tsitologiia** 14:975-80, Aug 72 (Eng. Abstr.) **(Rus)**

[Purification and modification of the catalytic properties of amine oxidases] Akopian ZhI, et al. **Vopr Med Khim** 18:356-64, Jul-Aug 72 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

About the role of protamine in transfection. Sabelnikov AG, et al. **Biochim Biophys Acta** 299:492-5, 28 Mar 73

Protamine--antagonist to heparin. Jaques LB. **Can Med Assoc J** 108:1291-7, 19 May 73 (30 ref.)

Modified technique for orthotopic cardiac transplantation in dogs. Caves PK, et al. **J Surg Res** 15:100-4, Aug 73

[Zinc-protamine-glucagon in the therapy of heart failure] Kaindl F, et al. **Z Gesamte Inn Med** 27:1097-8, 15 Dec 72 (Eng. Abstr.) **(Ger)**

ADVERSE EFFECTS

Protamine--antagonist to heparin. Jaques LB. **Can Med Assoc J** 108:1291-7, 19 May 73 (30 ref.)

ANALYSIS

Studies on protamines. XVI. The complete amino acid sequence of clupeine YII. Suzuki K, et al. **J Biochem (Tokyo)** 72:1419-32, Dec 72

Studies on protamines. XVII. The complete amino acid sequence of clupeine YI. Suzuki K, et al. **J Biochem (Tokyo)** 72:1433-46, Dec 72

Hypofibrinogenemic states in obstetrics. Sise HS. **J Reprod Med** 10:115-7, Mar 73

Acid hydrolysis of chicken muscle protein by reflux and sealed tube methods. Otterburn MS, et al. **J Sci Food Agric** 24:929-35, Aug 73

[Thynnin, the protamine of the tuna fish. The sequence of component Y1. XII. Structure of protamines from the studies of Waldschmidt-Leitz and coworkers] Bretzel G. **Hoppe Seylers Z Physiol Chem** 353:1362-4, Aug 72 (Eng. Abstr.) **(Ger)**

[Determination of the proteolytic activity of saliva] Beremeenko KN, et al. **Ukr Biokhim Zh** 45:223-6, Mar-Apr 73 (Eng. Abstr.) **(Ukr)**

ANTAGONISTS & INHIBITORS

Circulatory and ventilatory effects of induced platelet aggregation and their inhibition by acetylsalicylic acid. Rådegran K, et al. **Acta Anaesthesiol Scand** 16:76-84, 1972

Quantitative haemagglutination. 6. Relationship of sialic acid content of red cells and aggregation by Polybrene, protamine and poly-L-lysine. Greenwalt TJ, et al. **Br J Haematol** 25:227-37, Aug 73

Antagonism of non-inducer ribonucleic acid against induction of antiviral cell resistance and interferon by inducer ribonucleic acid. Kawade Y, et al. **Jap J Microbiol** 16:501-13, Nov 72

Inactivation of platelet factor 4 in plasma. Elka C, et al. **Scand J Haematol** 9:343-50, 1972

BIOSYNTHESIS

Kinetics of enzymatic modification of the protamines and a proposal for their binding to chromatin. Louie AJ, et al. **J Biol Chem** 247:7962-8, 25 Dec 72

BLOOD

The plasma protamine paracoagulation test: clinical and laboratory evaluation. Kidder WR, et al. **Am J Clin Pathol** 58:675-86, Dec 72

Parallel determinations of FDP and fibrin monomers with various methods. Hedner U, et al. **Thromb Diath Haemorrh** 28:268-79, 31 Oct 72

DIAGNOSTIC USE

The plasma protamine paracoagulation test: clinical and laboratory evaluation. Kidder WR, et al. **Am J Clin Pathol** 58:675-86, Dec 72

Protamine--antagonist to heparin. Jaques LB. **Can Med Assoc J** 108:1291-7, 19 May 73 (30 ref.)

Defibrination in saline abortion. Schwartz R, et al. **Obstet Gynecol** 40:728-37, Nov 72

A serial dilution protamine sulphate test for detecting fibrin degradation products. Schorn D. **S Afr Med J** 47:263-5, 17 Feb 73

Comparison of ethanol and protamine tests in demonstration of soluble fibrin and early products of fibrin degradation. Konttinen YP, et al. **Thromb Diath Haemorrh** 28:342-50, 31 Dec 72

[Test with protamine sulfate in fibrinolytic treatment of myocardial infarct] Kocot E, et al. **Pol Arch Med Wewn** 50:285-8, Mar 73 (Eng. Abstr.) **(Pol)**

ISOLATION & PURIFICATION

[Purification of protamine sulfate and its use to isolate acid and base proteins and nucleic acids] Gvozdev RI, et al. **Prikl Biokhim Mikrobiol** 8:221-5, Mar-Apr 72 (Eng. Abstr.) **(Rus)**

METABOLISM

The basic proteins of trout testis chromatin: aspects of their synthesis, post-synthetic modifications and

binding to DNA. Dixon GH.
Acta Endocrinol [Suppl] (Kbh) 168:130-54, 1972
Kidney membrane cyclic AMP receptor and cyclic AMP-dependent protein kinase activities: comparison of plasma membrane and cytoplasmic fractions. Forte LR, et al.
Biochem Biophys Res Commun 49:1510-7, 18 Dec 72
Protamine kinase independent of adenosine 3',5'-monophosphate from rat brain cytosol. Inoue Y, et al.
Biochem Biophys Res Commun 50:228-36, 23 Jan 73
Phosphorylation of rhodopsin in bovine photoreceptor membranes. A dark reaction after illumination. Kühn H, et al. **Biochemistry 12:2495-502, 19 Jun 73**
Kinetics of enzymatic modification of the protamines and a proposal for their binding to chromatin. Louie AJ, et al. **J Biol Chem 247:7962-8, 25 Dec 72**
Endogenous protein kinase and phosphate acceptor proteins in vaccinia virus. Downer DN, et al.
Virology 52:13-21, Mar 73
[Membrane-bound and soluble forms of the protamine-splitting system of nervous tissue] Grinenko AG.
Ukr Biokhim Zh 45:36-41, 1973 (Eng. Abstr.) (Ukr)

PHARMACODYNAMICS

Gastric perfusion in vivo. Fischerman K, et al.
Acta Chir Scand 139:63-5, 1973
Effect of physical and chemical agents on the blood mast cells (basophil leucocytes) of turtles. Reite OB.
Acta Physiol Scand 87:549-56, Apr 73
Retention of a sulfated polysaccharide (SPG) and attempts at modifying this retention. Levy L, et al.
Agents Actions 2:236-40, 1972
Drug interactions. DiPalma JR.
Am Fam Physician 7:140-1, Feb 73
Hypertriglyceridemia in chronic nonnephrotic renal failure. Gutman RA, et al.
Am J Clin Nutr 26:165-72, Feb 73
Differentiation of bleeding diatheses which occur following protamine correction of heparin anticoagulation. Soloway HB, et al.
Am J Clin Pathol 60:188-91, Aug 73
Role of carbon dioxide in changes in lung mechanics after protamine administration. Patterson RW.
Anesth Analg (Cleve) 51:733-40, Sep-Oct 72
Some biological and physico-chemical properties of plaque mutants of fowl plague virus. Brief report. Germanov AB, et al.
Arch Gesamte Virusforsch 39:389-92, 1972
Kurotori virus: a virus newly isolated from Anopheles sinensis and pathogenic to mice. I. Isolation and properties. Maeda A, et al. **Biken J 16:43-50, Jun 73**
Further characterisation of lipoprotein lipase and hepatic post-heparin lipase from rat plasma. Fielding CJ. **Biochim Biophys Acta 280:569-78, 8 Dec 72**
About the role of protamine in transfection. Sabelnikov AG, et al. **Biochim Biophys Acta 299:492-5, 28 Mar 73**
Quantitative haemagglutination. 6. Relationship of sialic acid content of red cells and aggregation by Polybrene, protamine and poly-L-lysine. Greenwalt TJ, et al. **Br J Haematol 25:227-37, Aug 73**
Transport of orally administered 9,10-dimethyl-1,2-benzanthracene in the Sprague-Dawley rat. Grubbs CJ, et al.
Cancer Res 33:1785-9, Jul 73
Protamine induced configurational changes in paracrystalline structures from heat desintegrated mitochondria. Popinigis J, et al.
Experientia 28:1292-3, 15 Nov 72
Thrombin inhibiting action of heparin. Abildgaard U.
Folia Haematol (Leipz) 98:408-16, 1972 (31 ref.)
Interaction of Actinomyces organisms with cationic polypeptides. I. Histochemical studies of infected human and animal tissues. Crawford JJ.
Infect Immun 4:632-41, Nov 71
Effect of polybasic amines on the immunogenicity of mycobacterial ribonucleic acid. Youmans AS, et al.
Infect Immun 6:798-804, Nov 72
Effects of disseminated intravascular coagulation on pulmonary circulation and respiration. Olsson P, et al.
Int Anesthesiol Clin 10:173-9, Winter 72
Effect of cationic and anionic polyelectrolytes and antibodies on the lysis of micrococci and streptococci by leukocyte lysates and lysozyme. Ginsburg I, et al.
Isr J Med Sci 9:663-8, May 73
Characterization, subcellular localization, and partial purification of a heparin-released triglyceride lipase from rat liver. Assmann G, et al.
J Biol Chem 248:1992-9, 25 Mar 73
A role for anionic sites in epithelial architecture. Effects of cationic polymers on cell membrane structure. Quinton PM, et al.
J Cell Biol 56:787-96, Mar 73
Catecholamine secretion from the adrenal gland treated with neuraminidase, protamine or alkylating agent. Iwatsubo K, et al.
Jap J Pharmacol 22:577-9, Aug 72
Influence of histones on nuclear size. Latner AL, et al.
Nature [New Biol] 243:107-9, 23 May 73
Nonspecific inhibitors of arbovirus hemagglutinin. Ivanič S. **Pathol Microbiol (Basel) 39:17-8, 1973**
Exchange transfusion experiments in rats inducing intravascular coagulation. Theiss W, et al.
Surg Gynecol Obstet 135:713-6, Nov 72
Utility of anticoagulant drugs in vascular thrombosis: electron microscopic and biophysical study. Sawyer PN, et al. **Surgery 74:263-75, Aug 73**
[Preparative demonstration of homogenous phosphofructokinase from yeast] Nissler K, et al.
Acta Biol Med Ger 28:739-49, 1972 (Eng. Abstr.) (Ger)
[The lung in shock: accumulation of thrombocytes following trauma and intravasal coagulation] Bergentz SE, et al.
Langenbecks Arch Chir 329:658-64, Dec 71 (Eng. Abstr.) (Ger)
[Reduction in tetracycline resistance of E. coli due to protamine in vitro] Belousova II, et al.
Antibiotiki 18:68-71, Jan 73 (Eng. Abstr.) (Rus)
[The content and metabolism of separate phospholipid fractions in the rat brain in insulin hypoglycemia and electrical skin stimulation] Dvorkin VIa, et al.
Ukr Biokhim Zh 44:173-7, 1972 (Eng. Abstr.) (Rus)
[Reactivity of the blood coagulation system in experimental adrenal insufficiency] Petrishchev NN.
Vestn Khir 110:37-41, Apr 73 (Eng. Abstr.) (Rus)

PHYSIOLOGY

About the role of protamine in transfection. Sabelnikov AG, et al. **Biochim Biophys Acta 299:492-5, 28 Mar 73**

THERAPEUTIC USE

Complications of transfemoral coronary arteriography and their prevention using heparin. Eyer KM.
Am Heart J 86:428, Sep 73
Differentiation of bleeding diatheses which occur following protamine correction of heparin anticoagulation. Soloway HB, et al.
Am J Clin Pathol 60:188-91, Aug 73
Clinical considerations for the anesthesiologist whose patient is on anticoagulant therapy. Ellison N, et al.
Anesthesiology 39:328-36, Sep 73 (57 ref.)
[Relation between the anti-inflammatory and anticomplementary properties of protamine sulfate and hexadimethrine bromide] Giroud JP, et al.
Therapie 27:297-307, Mar-Apr 72 (Eng. Abstr.) (Fre)
[Effect of heparin on the metastasis of inoculated tumor in rats] Yamaguchi S.
Med J Osaka Univ 23:31-9, Sep 72 (Eng. Abstr.) (Ger)
[Heart therapy using zinc protamine glucagon] Kaindl F, et al.
Verh Dtsch Ges Inn Med 78:1099-101, 1972 (Ger)
[Zinc-protamine-glucagon in the therapy of heart failure] Kaindl F, et al.
Z Gesamte Inn Med 27:1097-8, 15 Dec 72 (Eng. Abstr.) (Ger)
[Cardiological use of glucagon-zinc-protamine in diabetes] Bruni B.
Minerva Med 63:4513-9, 21 Nov 72 (Eng. Abstr.) (Ita)

TOXICITY

The hypocalcemic effect of protamine in goats and sheep. Luthman J, et al.
Zentralbl Veterinaermed [A] 20:110-5, Mar 73

PROTHROMBIN

The use of antifibrinolytic drugs to prevent early recurrent aneurysmal subarachnoid haemorrhage. Tovi D. **Acta Neurol Scand 49:163-75, 1973**
Heparin therapy in a patient bitten by a saw-scaled viper (Echis carinatus), a snake whose venom activates prothrombin. Weiss HJ, et al.
Am J Med 54:653-62, May 73
The effect of dialysis on platelet function of patients

with renal failure. Rabiner SF.
Ann NY Acad Sci 201:234-42, 27 Oct 72
Mode of action of vitamin K. Calcium binding properties of bovine prothrombin. Nelsestuen GL, et al. **Biochemistry** 11:4961-4, 19 Dec 72
Mechanism of bovine prothrombin activation by an insoluble preparation of bovine factor X a (thrombokinase). Stenn KS, et al.
Biochemistry 11:4502-15, 21 Nov 72
Coagulation factor variants. Bloom AL.
Br J Haematol 23:643-7, Dec 72 (34 ref.)
Determinants of prothrombinase activity and modification of prothrombin conversion by thrombin-treated factor V. Kandall C, et al.
Br J Haematol 23:655-68, Dec 72
Warfarin and hydroxyethylrutosides in deep vein thrombosis. Eastham RD, et al.
Br Med J 4:491, 25 Nov 72
The mechanism of action of vasoactive agents on the blood clotting and fibrinolysis. Mishchenko VP, et al. **Cor Vasa** 14:228-38, 1972
Activity of a rat-liver glycoprotein: sialyltransferase utilizing desialyzed prothrombin as an acceptor in normal and hypothrombinemic animals. Bernacki RJ, et al. **Eur J Biochem** 33:49-58, 15 Feb 73
Rat-liver-sialidase activity utilizing a tritium-labeled sialic-acid derivative of glycoprotein substrates. Activity in normal and hypothrombinemic rats. Bernacki RJ, et al. **Eur J Biochem** 34:425-33, 2 May 73
The activation of prothrombin. I. Isolation and preliminary characterization of intermediates. Heldebrant CM, et al.
J Biol Chem 248:3642-52, 25 May 73
Two forms of human thrombin. Isolation and characterization. Lanchantin GF, et al.
J Biol Chem 248:5956-66, 10 Sep 73
The purification and properties of activated factor X. Bovine factor X activated with Russell's viper venom. Radcliffe RD, et al. **J Biol Chem** 247:7735-42, 10 Dec 72
The activation of coagulation by extracts of mucus: a possible pathway of intravascular coagulation accompanying adenocarcinomas. Pineo GF, et al.
J Lab Clin Med 82:255-66, Aug 73
The coagulation defect after envenomation by the bite of the dugite (Demansia nuchalis affinis), a Western Australian brown snake. Herrmann RP, et al.
Med J Aust 2:183-6, 22 Jul 72
"Per cent prothrombin activity" unacceptable. Soloway HB. **N Engl J Med** 288:688, 29 Mar 73
The prothrombin-activating principle from Echis carinatus venom. II. Coagulation studies in vitro and in vivo. Schieck A, et al.
Naunyn Schmiedebergs Arch Pharmacol 274:7-17, 1972
Tentative immunochemical analysis of the prothrombin molecule. Lavergne JM, et al.
Pathol Biol (Paris) Suppl:47-51, Dec 72
A polypeptide region of bovine prothrombin specific for binding to phospholipids. Gitel SN, et al.
Proc Natl Acad Sci USA 70:1344-8, May 73
Theory and experience behind the use of coagulation tests in diagnosis and prognosis of liver disease. Koller F. **Scand J Gastroenterol [Suppl]** 19:51-61, 1973
Hemostatic problems in liver surgery. Rö JS.
Scand J Gastroenterol [Suppl] 19:71-81, 1973 (67 ref.)
Biochemical tests in evaluation of liver function. Skrede S, et al.
Scand J Gastroenterol [Suppl] 19:37-46, 1973
Characterization of the coagulant activity of some snake venoms. Denson KW, et al.
Toxicon 10:557-62, Oct 72
The influence of fluid shear on the kinetics of blood coagulation reactions. Spaeth EE, et al.
Trans Am Soc Artif Intern Organs 19:179-87, 1973
[A case of intramural hematoma of the small bowel during anticoagulant therapy. Resection and cure] Gillet M, et al.
Acta Chir Belg 71:352-61, Oct 72 (Eng. Abstr.) **(Fre)**
[Purification and N-terminal analysis of swine thrombin] Rossi A, et al.
C R Acad Sci [D] (Paris) 275:133-6, 3 Jul 72 **(Fre)**
[Study of the "in vivo" activity of factor VIII or factor IX after injection of several concentrates: practical applications] Allain JP.
Nouv Rev Fr Hematol 12:241-9, Mar-Apr 72 (Eng. Abstr.) **(Fre)**
[Synovial inflammation and coagulation factors. II. Biological study of synovial fluid in serogically positive rheumatoid arthritis] Soria C, et al.
Pathol Biol (Paris) 20:695-701, Sep 72 **(Fre)**
[Experimental studies on the problem of local Shwartzman phenomenon in the skin. V. Observations on the significance of blood coagulation disorders during provocation of the phenomenon in an endotoxin-free guinea pig model] Illig L, et al.
Arch Dermatol Forsch 246:11-26, 29 Jan 73 (Eng. Abstr.) **(Ger)**
[Consumption coagulopathy in obstructive septic pyelonephritis] Skoluda D, et al.
Urologie [A] 12:21-4, Jan 73 (Eng. Abstr.) **(Ger)**
[Influence of gestation on the blood coagulation system and diagnosis of possible disorders] Günter M, et al.
Z Aerztl Fortbild (Jena) 67:209-15, 1 Mar 73 (37 ref.) **(Ger)**
[Consumption coagulopathies in childhood] Heinrichs C, et al.
Z Aerztl Fortbild (Jena) 66:853-9, 1 Sep 72 **(Ger)**
[Diagnostics and therapy of hemolytic-hemorrhagic transfusion incidents] Brüster H.
Zentralbl Neurochir 33:63-8, 1972 (Eng. Abstr.) **(Ger)**
[Some recent advances in blood coagulation research] Sakuragawa N.
Jap J Clin Hematol 13:923-33, Dec 72 (48 ref.) **(Jap)**
[Preparation of factor IX concentrate with the use of DEAE-cellulose and its therapeutic results] Uszyński L, et al.
Acta Haematol Pol 2:109-14, Apr-Jun 71 (Eng. Abstr.) **(Pol)**
[Shifts in coagulating and fibrinolytic activity of the blood following the administration of nerobol in patients with coronary atherosclerosis] Kratovskaia OV, et al.
Ter Arkh 44:29-31, Sep 72 (Eng. Abstr.) **(Rus)**
[Diurnal rhythm in the fluctuation of the indices of the coagulation and anticoagulation systems of blood in patients with angina pectoris] Perepelkin EG.
Ter Arkh 44:44-6, Sep 72 (Eng. Abstr.) **(Rus)**
[Hemocoagulation and fibrinolytic properties of the gastric wall involved in ulcerous and cancerous processes] Kal'chenko II, et al.
Vestn Khir 110:3-8, Apr 73 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

[Is the administration of prothrombin concentrate in heart infarct always absolutely contraindicated?] Schricker KT, et al.
Med Klin 67:841-5, 16 Jun 72 (Eng. Abstr.) **(Ger)**
[Therapeutic effect of prothrombin derivative preparations on hemophilia B patients] Abe T, et al.
Jap J Clin Hematol 13:535-9, Aug 72 (Eng. Abstr.) **(Jap)**

ADVERSE EFFECTS

Postoperative thromboses in hemophilia B. Kasper CK.
N Engl J Med 289:160, 19 Jul 73

ANALYSIS

Clinical experiences with chromatographic DEAE adsorbed prothrombin complex for control of bleeding and multiple tooth extraction in hemophilia B patients. Onishi H, et al.
Acta Haematol Jap 34:513-6, Aug 71
Interaction of sodium warfarin and disulfiram (antabuse) in man. O'Reilly RA.
Ann Intern Med 78:73-6, Jan 73
A method for the simultaneous isolation of factor X and prothrombin from bovine plasma. Esnouf MP, et al.
Biochem J 131:781-9, Apr 73
Purification and characterization of human Factor II. Kisiel W, et al.
Biochim Biophys Acta 304:103-13, 30 Mar 73
Experimental dysfibrinogenemia: in vivo studies with arvin. Rodriguez-Erdmann F, et al.
Blood 37:664-74, Jun 71
Prothrombin during warfarin treatment. Brozović M, et al. **Br J Haematol** 24:579-88, May 73
Evidence for a humoral agent capable of raising vitamin-K-dependent coagulation factors in rabbits. Karpatkin M, et al. **Br J Haematol** 24:553-62, May 73
Platelets and initiation of intrinsic clotting. Schiffman S, et al. **Br J Haematol** 24:633-42, May 73
Enhancement of warfarin-induced hypoprothrombinemia by triclofos. Sellers EM, et al.
Clin Pharmacol Ther 13:911-5, Nov-Dec 72
On the primary structure of bovine thrombin. Magnusson S. **Folia Haematol (Leipz)** 98:385-90, 1972
Determinants of serum antipyrine half-lives in patients

with liver disease. Branch RA, et al. **Gut** 14:569-73, Jul 73

Elimination of chloramphenicol and thiamphenicol in subjects with cirrhosis of the liver. Azzollini F, et al. **Int J Clin Pharmacol** 6:130-4, Jun 72

The activation of prothrombin. I. Isolation and preliminary characterization of intermediates. Heldebrant CM, et al. **J Biol Chem** 248:3642-52, 25 May 73

The carbohydrate of bovine prothrombin. Partial structural determination demonstrating the presence of -galactose residues. Nelsestuen GL, et al. **J Biol Chem** 247:6096-102, 10 Oct 72

The purification and properties of an abnormal prothrombin protein produced by dicumarol-treated cows. A comparison to normal prothrombin. Nelsestuen GL, et al. **J Biol Chem** 247:8176-82, 25 Dec 72

Vitamin K and the biosynthesis of prothrombin. 3. Structural comparison of an NH2-terminal fragment from normal and from dicoumarol-induced bovine prothrombin. Stenflo J. **J Biol Chem** 248:6325-32, 25 Sep 73

Vitamin K and the biosynthesis of prothrombin. II. Structural comparison of normal and dicoumarol-induced bovine prothrombin. Stenflo J. **J Biol Chem** 247:8167-75, 25 Dec 72

Changes in serum triglycerides and blood coagulation in response to acute fat loads in atherosclerotics. Higazi AM, et al. **J Egypt Med Assoc** 54:659-70, 1971

Blood-clotting mechanisms of nonhuman primates. Choice of the baboon model to simulate man. Todd ME, et al. **J Med Primatol** 1:132-41, 1972

Platelet counts, fibrinogen concentrations, and factor V and factor VIII levels in healthy infants according to gestational age. Sell EJ, et al. **J Pediatr** 82:1028-32, Jun 73

Kinetics of anticoagulant effect of dicumarol in rats. Wingard LB Jr, et al. **J Pharmacol Exp Ther** 184:253-60, Jan 73

Atypical prothrombin in purified preparations from dicoumarol-treated steers. Malhotra OP. **Life Sci [II]** 11:901-7, 22 Sep 72

Atypical prothrombins induced by dicoumarol. Malhotra OP. **Nature [New Biol]** 239:59-60, 13 Sep 72

The nature of the heterogeneity of prothrombin during dicoumarol therapy. Morrison SA, et al. **Nature [New Biol]** 242:92-4, 21 Mar 73

The chloro analog of vitamin K: antagonism of vitamin K action in normal and warfarin-resistant rats. Shah DV, et al. **Proc Soc Exp Biol Med** 143:775-9, Jul 73

Hepatic coma in cirrhosis of the liver. The course and prognosis of 100 consecutive coma episodes. Prytz H, et al. **Scand J Gastroenterol** 8:229-33, 1973

Mechanism of action of vitamin K: demonstration of a liver precursor of prothrombin. Suttie JW. **Science** 179:192-4, 12 Jan 73

Plasma fibrinolytic activity associated with flurothyl induced convulsion. Cooper RG, et al. **Thromb Diath Haemorrh** 28:376-82, 31 Dec 72

Acute promyelocytic leukemia in a patient with hemophilia. Evidence for rapid consumption of clotting factors. Green D. **Thromb Diath Haemorrh** 27:516-22, 31 Jul 72

Blood coagulation and fibrinolysis in a random sample of 788 men 54 years old. II. Relations of the variables to "risk factors" for myocardial infarction. Korsan-Bengtsen K, et al. **Thromb Diath Haemorrh** 28:99-108, 31 Aug 72

Blood coagulation and fibrinolysis in a random sample of 788 men 54 years old. I. Correlations between the variables of clotting and fibrinolysis. Korsan-Bengtsen K, et al. **Thromb Diath Haemorrh** 28:89-98, 31 Aug 72

Gel filtration properties of factors II, VII, IX, IX a , and X. Osterud B, et al. **Thromb Diath Haemorrh** 28:317-24, 31 Oct 72

Studies of the metabolism and distribution of prothrombin in healthy men with homologous 125 I-prothrombin. Takeda Y. **Thromb Diath Haemorrh** 27:472-89, 31 Jul 72

Development of large-scale fractionation methods. 3. Preparation of a factor VIII concentrate of intermediate-purity. James HL, et al. **Vox Sang** 23:402-12, 1972

[Purification and N-terminal analysis of pig prothrombin] Rossi A, et al. **C R Acad Sci [D] (Paris)** 274:3619-21, 26 Jun 72 **(Fre)**

[Ergometric studies of body tolerance in patients with chronic liver disease] Franken FH, et al. **Dtsch Med Wochenschr** 98:528-31, 16 Mar 73 **(Ger)**

[Efficiency and limits of immunologic methods in the diagnosis of blood coagulation] Schwick HG, et al. **Internist (Berlin)** 14:160-9, Apr 73 **(Ger)**

[Influence of single and repeated hemodialises on the blood coagulation status] Albert FW, et al. **Munch Med Wochenschr** 114:1917-21, 3 Nov 72 (Eng. Abstr.) **(Ger)**

[Causes of the altered Falithrom requirement following myocardial infarct] Schaller K. **Z Gesamte Inn Med** 27:756-8, 1 Sep 72 (Eng. Abstr.) **(Ger)**

[Mass screening for early diagnosis of malignant tumors with hematochemical examinations] Sforza M, et al. **Minerva Med** 62:4399-404, 24 Nov 71 (Eng. Abstr.) **(Ita)**

[Consumption coagulopathy observed mainly in obstetrics] Masaki M. **Jap J Clin Hematol** 13:195-7, Apr 72 **(Jap)**

[Effect of hypotiazide and aldactone on the blood coagulation and anticoagulation systems] Gaianova MN. **Kardiologiia** 13:114-7, May 73 **(Rus)**

[Blood fibrinolytic system in patients with ischemic heart disease] Liusov VA, et al. **Kardiologiia** 13:12-6, 1973 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

The effect of the purified anticoagulant principle of Agkistrodon acutus venom on blood coagulation. Ouyang C, et al. **Toxicon** 11:287-92, Apr 73

[Biological role of atmospheric oxygen in the mechanism of blood coagulation] Palos LA. **Kosm Biol Med** 6:8-13, Sep-Oct 72 **(Rus)**

BIOSYNTHESIS

Mechanism of warfarin resistance. Warfarin and the metabolism of vitamin K 1 . Bell RG, et al. **Biochemistry** 12:1759-62, 24 Apr 73

Vitamin K and the biosynthesis of prothrombin. II. Structural comparison of normal and dicoumarol-induced bovine prothrombin. Stenflo J. **J Biol Chem** 247:8167-75, 25 Dec 72

Vitamin K and the biosynthesis of prothrombin. I. Identification and purification of a dicoumarol-induced abnormal prothrombin from bovine plasma. Stenflo J, et al. **J Biol Chem** 247:8160-6, 25 Dec 72

The effects of dextrothyroxine on the kinetics of prothrombin activity: proposed mechanism of the potentiation of warfarin by D-thyroxine. Weintraub M, et al. **J Lab Clin Med** 81:273-9, Feb 73

Liver function and histology in various species of animal treated with non-lethal doses of aflatoxin B1. Bassir O, et al. **J Pathol** 108:85-90, Sep 72

Kinetics of anticoagulant effect of dicumarol in rats. Wingard LB Jr, et al. **J Pharmacol Exp Ther** 184:253-60, Jan 73

The plasma half lives and the pharmacological effect of the enantiomers of warfarin in rats. Breckenridge A, et al. **Life Sci [II]** 11:337-45, 8 Apr 72

Atypical prothrombins induced by dicoumarol. Malhotra OP. **Nature [New Biol]** 239:59-60, 13 Sep 72

Vitamin K and prothrombin synthesis. Suttie JW. **Nutr Rev** 31:105-9, Apr 73 (18 ref.)

The chloro analog of vitamin K: antagonism of vitamin K action in normal and warfarin-resistant rats. Shah DV, et al. **Proc Soc Exp Biol Med** 143:775-9, Jul 73

Mechanism of action of vitamin K: demonstration of a liver precursor of prothrombin. Suttie JW. **Science** 179:192-4, 12 Jan 73

[Functional and morphological changes in the liver before and after gastric resection for peptic ulcer] Kurchavov GK, et al. **Vestn Khir** 110:23-8, Apr 73 (Eng. Abstr.) **(Rus)**

BLOOD

Mechanism of warfarin resistance. Warfarin and the metabolism of vitamin K 1 . Bell RG, et al. **Biochemistry** 12:1759-62, 24 Apr 73

Activation of fluorescein-labeled prothrombin. Fass DN, et al. **J Biol Chem** 248:3280-7, 10 May 73

[Hemostatic disorders in the treatment of leukoblastosis with L-asparaginase (crasnitin)] Genova V. **Vutr Boles** 12:43-9, 1973 (Eng. Abstr.) **(Bul)**

ISOLATION & PURIFICATION

Hypofibrinogenemia associated with hemangioma of the liver. Martinez J, et al.
Am J Clin Pathol 60:192-7, Aug 73

Binding of Ca 2+ to normal and dicoumarol-induced prothrombin. Stenflo J, et al.
Biochem Biophys Res Commun 50:98-104, 4 Jan 73

A method for the simultaneous isolation of factor X and prothrombin from bovine plasma. Esnouf MP, et al.
Biochem J 131:781-9, Apr 73

Mechanism of bovine prothrombin activation by an insoluble preparation of bovine factor X a (thrombokinase). Stenn KS, et al.
Biochemistry 11:4502-15, 21 Nov 72

Purification and characterization of human Factor II. Kisiel W, et al.
Biochim Biophys Acta 304:103-13, 30 Mar 73

The activation of prothrombin. I. Isolation and preliminary characterization of intermediates. Heldebrant CM, et al.
J Biol Chem 248:3642-52, 25 May 73

The carbohydrate of bovine prothrombin. Partial structural determination demonstrating the presence of -galactose residues. Nelsestuen GL, et al.
J Biol Chem 247:6096-102, 10 Oct 72

The purification and properties of an abnormal prothrombin protein produced by dicumarol-treated cows. A comparison to normal prothrombin. Nelsestuen GL, et al.
J Biol Chem 247:8176-82, 25 Dec 72

Vitamin K and the biosynthesis of prothrombin. I. Identification and purification of a dicoumarol-induced abnormal prothrombin from bovine plasma. Stenflo J, et al.
J Biol Chem 247:8160-6, 25 Dec 72

Atypical prothrombin in purified preparations from dicoumarol-treated steers. Malhotra OP.
Life Sci [II] 11:901-7, 22 Sep 72

Plasma free of factors II, VII, IX, and X. Need for high speed centrifugation after Al(OH) 3 absorption. Loeliger EA, et al.
Thromb Diath Haemorrh 29:211-2, 28 Feb 73

The adsorption of blood coagulation factors II, VII, IX and X from human plasma to aluminium hydroxide. Swart AC, et al.
Thromb Diath Haemorrh 27:490-501, 31 Jul 72

Studies of the metabolism and distribution of prothrombin in healthy men with homologous 125 I-prothrombin. Takeda Y.
Thromb Diath Haemorrh 27:472-89, 31 Jul 72

Contributions to the optimal use of human blood. II. The large-scale preparation of prothrombin complex. A comparison between two methods using the anion exchangers DEAE-cellulose DE 52 and DEAE-sephadex A-50. Heystek J, et al.
Vox Sang 25:113-23, 1973

[Purification and N-terminal analysis of pig prothrombin] Rossi A, et al.
C R Acad Sci [D] (Paris) 274:3619-21, 26 Jun 72 **(Fre)**

METABOLISM

Blood coagulation, fibrinolysis and platelet function in women aged 38, 46, 50, 54 and 60. The study of women in Gothenburg 1968-1969. Korsan-Bengtsen K, et al.
Acta Med Scand 193:543-6, Jun 73

Microcirculatory pathology. Penner JA.
Adv Otorhinolaryngol 20:236-43, 1973

Hypofibrinogenemia associated with hemangioma of the liver. Martinez J, et al.
Am J Clin Pathol 60:192-7, Aug 73

Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA.
Ann Clin Lab Sci 1:139-54, Sep-Oct 71 (46 ref.)

Qualitative platelet disorders: classification and pathogenesis. Ulutin ON.
Ann NY Acad Sci 201:174-93, 27 Oct 72

Binding of Ca 2+ to normal and dicoumarol-induced prothrombin. Stenflo J, et al.
Biochem Biophys Res Commun 50:98-104, 4 Jan 73

A method for the simultaneous isolation of factor X and prothrombin from bovine plasma. Esnouf MP, et al.
Biochem J 131:781-9, Apr 73

The preparation of activated factor X and its action on prothrombin. Jesty J, et al.
Biochem J 131:791-9, Apr 73

The action of thrombin on blood clotting factor V: conversion of factor V to a prothrombin-binding protein. Esmon CT, et al.
Biochim Biophys Acta 310:289-94, 17 May 73

Metabolism of human prothrombin and fibrinogen in patients with thrombocytosis secondary to myeloproliferative states. Martinez J, et al.
Blood 42:35-46, Jul 73

Hereditary giant platelet syndrome: a disorder of a new aspect of platelet function. Howard MA, et al.
Br Med J 2:586-8, 9 Jun 73

Laboratory investigations of the dic syndrome. Temperley IJ, et al. **Ir J Med Sci** 83-96, May 73

Vitamin K and the biosynthesis of prothrombin. 3. Structural comparison of an NH2-terminal fragment from normal and from dicoumarol-induced bovine prothrombin. Stenflo J.
J Biol Chem 248:6325-32, 25 Sep 73

The effects of dextrothyroxine on the kinetics of prothrombin activity: proposed mechanism of the potentiation of warfarin by D-thyroxine. Weintraub M, et al. **J Lab Clin Med** 81:273-9, Feb 73

Diagnosis of hemorrhagic disorders. Nemerson Y.
Med Clin North Am 57:531-41, Mar 73 (30 ref.)

A plasma protein which increases with vitamin K deficiency. **Nutr Rev** 30:211-3, Sep 72 (8 ref.)

Activity of serum aminotransferases and phosphatases, and prothrombin level after experimental hemorrhage. Głowiński S, et al.
Pol Med J 11:962-7, 1972

Coagulation abnormalities in liver disease. Losowsky MS, et al. **Postgrad Med** 53:147-52, Jan 73

A polypeptide region of bovine prothrombin specific for binding to phospholipids. Gitel SN, et al.
Proc Natl Acad Sci USA 70:1344-8, May 73

Acquired inhibitors of blood coagulation. Feinstein DI, et al. **Prog Hemostasis Thromb** 1:75-95, 1972 (95 ref.)

Heparin therapy in the case of acute liver cirrhosis. Fischer M, et al.
Scand J Gastroenterol [Suppl] 19:135-8, 1973

The effects of bile salts on some coagulation components and related enzymes. Engel AM, et al.
Thromb Diath Haemorrh 27:594-609, 31 Jul 72

Intravenous infusion of a standardised coagulation active phospholipid complex in uremic coagulation deficiency. Return to normal of thrombin generation and prothrombin consumption. Schimpf K, et al.
Thromb Diath Haemorrh 27:554-8, 31 Jul 72

Studies of the metabolism and distribution of prothrombin in healthy men with homologous 125 I-prothrombin. Takeda Y.
Thromb Diath Haemorrh 27:472-89, 31 Jul 72

[The behavior of prothrombin in vitamin K deficiency] Hemker HC.
Ned Tijdschr Geneeskd 116:1877-80, 14 Oct 72 **(Dut)**

[Physiological inhibitors of thrombin and thrombin synthesis] Schröer H.
Folia Haematol (Leipz) 99:212-22, 1973 (34 ref.) **(Eng. Abstr.)** **(Ger)**

[Intravenous infusion of a standard coagulation-active phospholipid complex in uremic tendency to bleeding. Normalization of thrombin formation and prothrombin consumption] Schimpf K, et al.
Med Welt 23:1258-60, 9 Sep 72 **(Ger)**

[Reaction kinetics of blood clotting factors] Uszyński L. **Acta Haematol Pol** 3:207-12, Apr-Jun 72 **(Pol)**

[The effect of aminazine on blood coagulation] Novak EN.
Farmakol Toksikol 35:717-20, Nov-Dec 72 **(Eng. Abstr.)** **(Rus)**

[Blood coagulation changes under the influence of gravitational stress according to thrombelastographic findings] Serikova AZ, et al.
Kosm Biol Med 6:10-4, Jan-Feb 72 **(Eng. Abstr.)** **(Rus)**

[Blood coagulation changes in splenic diseases] Askherkhanov RP, et al.
Vestn Khir 108:65-71, Apr 72 **(Eng. Abstr.)** **(Rus)**

[The interrelationship between vitamins A and K and their influence on the blood coagulation system] Andreenko GV, et al.
Vopr Pitan 31:48-52, Jul-Aug 72 **(Eng. Abstr.)** **(Rus)**

PHARMACODYNAMICS

Vitamin K and the biosynthesis of prothrombin. I. Identification and purification of a dicoumarol-induced abnormal prothrombin from bovine plasma. Stenflo J, et al.
J Biol Chem 247:8160-6, 25 Dec 72

Inhibition of activated factor X-induced platelet aggregation: the role of heparin and the plasma

inhibitor to activated factor X. Yin ET, et al. **J Lab Clin Med** 82:390-8, Sep 73

PHYSIOLOGY

The tissue factor pathway of blood coagulation. Nemerson Y, et al.
Prog Hemostasis Thromb 1:1-37, 1972 (171 ref.)
[Effect of prothrombin and fibrinogen antisera on the clotting system of bovine blood] Kotschy M.
Folia Haematol (Leipz) 98:426-36, 1972 (Ger)
[Influence of pregnancy on the activation factors of blood coagulation and on thrombocytes] Tismer R, et al.
Z Geburtshilfe Perinatol 176:183-92, Jun 72 (Eng. Abstr.) (Ger)
[Disseminated intravascular coagulation] Amir J.
Harefuah 83:29-32, 2 Jul 72 (20 ref.) (Heb)

RADIATION EFFECTS

Effect of tracer doses of radiopharmaceutic substances labelled with gold (198 Au), indium (113m In) and Mercury (203 Hg) on blood clotting. Răiciulescu N, et al. **Rev Roum Med Intern** 9:475-90, 1972

THERAPEUTIC USE

Clinical experiences with chromatographic DEAE adsorbed prothrombin complex for control of bleeding and multiple tooth extraction in hemophilia B patients. Onishi H, et al.
Acta Haematol Jap 34:513-6, Aug 71
Congenital factor VII deficiency with cerebral haemorrhage treated with prothrombin concentrate. Marriage K, et al. **Med J Aust** 2:942-5, 21 Oct 72
Clinical uses of human blood fractions. Schiff P.
Med J Aust 1:22-6, 6 Jan 73
Prevention of intraventricular haemorrhage in babies receiving artificial ventilation. Thomas DB, et al.
Med J Aust 1:933-6, 12 May 73
A clinical comparison of two commercial preparations of prothrombin complex. Gunay U.
Proc Inst Med Chic 29:315, May-Jun 73
Systemic amyloidosis associated with micro-angiopathic haemolytic anaemia and factor X (Stuart factor) deficiency. Jacobson RJ, et al.
S Afr Med J 46:1634-7, 28 Oct 72
[Is the administration of prothrombin concentrate in heart infarct always absolutely contraindicated?] Schricker KT, et al.
Med Klin 67:841-5, 16 Jun 72 (Eng. Abstr.) (Ger)
[Therapeutic effect of prothrombin derivative preparations on hemophilia B patients] Abe T, et al.
Jap J Clin Hematol 13:535-9, Aug 72 (Eng. Abstr.) (Jap)

PROTHROMBIN TIME

Coagulation changes in healthy and sick pacific salmon. Hougie C. **Adv Exp Med Biol** 22:89-102, 1972
Clinical studies in sudden deafness. Jaffe BF.
Adv Otorhinolaryngol 20:221-8, 1973
Disseminated intravascular coagulation. Pierce LE.
Am Fam Physician 7:118-25, Feb 73
Pregnancy in 6 patients with Starr-Edwards heart valve prostheses. Ibarra-Pérez C, et al.
Am J Cardiol 30:565-8, Oct 72
Comparison of the effect of various amino acids upon the blood ammonia concentration of patients with liver disease. Rudman D, et al.
Am J Clin Nutr 26:916-25, Sep 73
A precise, continuous recording clot timer based on a thermometric detection system. Bostick WD, et al.
Am J Clin Pathol 60:330-6, Sep 73
Evaluation of assay of factor VIII by automated partial thromboplastin time. Burka ER, et al.
Am J Clin Pathol 59:751-4, May 73
Evaluation of a photoelectric automatic prothrombin analyzer. Davey FR, et al.
Am J Clin Pathol 58:687-92, Dec 72
The plasma protamine paracoagulation test: clinical and laboratory evaluation. Kidder WR, et al.
Am J Clin Pathol 58:675-86, Dec 72
The use of laboratory determinations in the control of streptokinase therapy. Minn SK, et al.
Am J Clin Pathol 58:415-21, Oct 72
Sensitivity of commercial thromboplastins to factor VII. Singer JW, et al. **Am J Clin Pathol** 59:755-9, May 73
Sensitivity of the activated partial thromboplastin time to heparin: effect of anticoagulant used for sample collection. Soloway HB, et al.
Am J Clin Pathol 59:760-2, May 73
Reye's syndrome. II. Occurrence in the absence of severe fatty infiltration of the liver. Glasgow AM, et al. **Am J Dis Child** 124:834-6, Dec 72
Reye's syndrome. I. Blood ammonia and consideration of the nonhistologic diagnosis. Glasgow AM, et al.
Am J Dis Child 124:827-33, Dec 72
Lean Reye syndrome. Glick TH.
Am J Dis Child 125:900-1, Jun 73
Hemorrhagic diathesis and cystic fibrosis in infancy. Walters TR, et al. **Am J Dis Child** 124:641-2, Nov 72
Abnormal fibrinolysis in familial pulmonary hypertension. Inglesby TV, et al.
Am J Med 55:5-14, Jul 73
Amyloidosis with factor X deficiency. Bernhardt B, et al. **Am J Med Sci** 264:411-4, Nov 72
Blood coagulation studies in Plasmodium falciparum malaria. Butler T, et al. **Am J Med Sci** 265:63-7, Jan 73
The liver in congestive heart failure: a review. Dunn GD, et al. **Am J Med Sci** 265:174-89, Mar 73 (89 ref.)
Massive hemorrhage associated with circulating antibodies to factor V. Onuora CA, et al.
Am J Med Sci 265:407-17, May 73
Effect of hemolysis on the partial thromboplastin time. Garton S, et al. **Am J Med Technol** 38:408-10, Oct 72
Drug interactions with coumarin derivatives. Koprowicz DC. **Am J Nurs** 73:1042-4, Jun 73
Coagulation studies in the hypertensive toxemias of pregnancy. Davidson EC Jr, et al.
Am J Obstet Gynecol 113:905-10, 1 Aug 72
Coagulation changes in saline-induced abortion. Laros RK Jr, et al. **Am J Obstet Gynecol** 116:271-6, 15 May 73
Effect of prostaglandins on the coagulation mechanism of the pregnant rat. Phillips LL.
Am J Obstet Gynecol 115:227-32, 15 Jan 73
Procoagulant properties of amniotic fluid. Phillips LL, et al. **Am J Obstet Gynecol** 113:911-9, 1 Aug 72
Stilbestrol-augmented disseminated intravascular coagulation in rats after infusion of endotoxin. Theiss W, et al. **Am J Obstet Gynecol** 115:775-82, 15 Mar 73
Effects of autotransfusion on blood elements. Bennett SH, et al. **Am J Surg** 125:273-9, Mar 73
Hazards of subdural and epidural anesthesia during anticoagulant therapy: a case report and review. DeAngelis J.
Anesth Analg (Cleve) 51:676-9, Sep-Oct 72
Epidural hematoma following postoperative epidural analgesia: a case report. Janis KM.
Anesth Analg (Cleve) 51:689-92, Sep-Oct 72
Chloroform, halothane, and regional anesthesia: a comparative study. Smith AA, et al.
Anesth Analg (Cleve) 52:1-11, Jan-Feb 73
Clinical considerations for the anesthesiologist whose patient is on anticoagulant therapy. Ellison N, et al.
Anesthesiology 39:328-36, Sep 73 (57 ref.)
Prolonged intraoperative bleeding caused by propylthiouracil-induced hypoprothrombinemia. Gotta AW, et al. **Anesthesiology** 37:562-3, Nov 72
Preliminary studies on in vitro and in vivo effects of 50 per cent hypaque on coagulation in man. Chandra R, et al. **Angiology** 24:199-204, Apr 73
Effects of drugs upon hematological tests. Sunderman FW Jr. **Ann Clin Lab Sci** 2:2-11, Jan-Feb 72
Circulating anticoagulants against factors IX and XI in systemic lupus erythematosus. Castro O, et al.
Ann Intern Med 77:543-8, Oct 72
Estrogen-androgen imbalance in hepatic cirrhosis. Studies in 13 male patients. Chopra IJ, et al.
Ann Intern Med 79:198-203, Aug 73
Improvement in the anemia of chronic renal failure with fluoxymesterone. Eschbach JW, et al.
Ann Intern Med 78:527-32, Apr 73
Factor V inhibitor: report of a case, with comments on a possible effect of streptomycin. Feinstein DI, et al.
Ann Intern Med 78:385-8, Mar 73
A qualitative platelet defect in severe vitamin B 12 deficiency. Response, hyperresponse, and thrombosis after vitamin B 12 therapy. Levine PH.
Ann Intern Med 78:533-9, Apr 73
An IgM circulating anticoagulant with factor VIII inhibitory activity. McKelvey EM, et al.
Ann Intern Med 77:571-5, Oct 72
Isoniazid hepatitis. Maddrey WC, et al.
Ann Intern Med 79:1-12, Jul 73
Steatorrhea in thyrotoxicosis. Relation to hypermotility and excessive dietary fat. Thomas FB, et al. **Ann Intern Med** 78:669-75, May 73
Kallikrein-bradykinin system in chronic alcoholic liver

disease. Wong P, et al.
Ann Intern Med 77:205-9, Aug 72
Coumarin resistance in a Negro woman. Zager J, et al.
Ann Intern Med 78:775-6, May 73
Platelet-function studies in the Bernard-Soulier syndrome. Bithell TC, et al.
Ann NY Acad Sci 201:145-60, 27 Oct 72
Factors influencing morbidity and mortality in pancreaticoduodenectomy. Gilsdorf RB, et al.
Ann Surg 177:332-7, Mar 73
Coagulation changes of septic shock in the sub-human primate and their relationship to hemodynamic changes. Horowitz DL, et al.
Ann Surg 175:417-23, Mar 72
Coagulopathy after major combat injury: occurrence, management, and pathophysiology. McNamara JJ, et al. **Ann Surg** 176:243-6, Aug 72
Fresh autologous blood transfusions with extracorporeal circulation. Ochsner JL, et al.
Ann Surg 177:811-7, Jun 73
Controlled trial of fresh frozen plasma in asphyxiated low birthweight infants. Hambleton G, et al.
Arch Dis Child 48:31-5, Jan 73
Fibrinolytic split products. A clinicopathological correlative study in adults with lupus glomerulonephritis and various renal diseases. Bond RE, et al. **Arch Intern Med** 132:182-7, Aug 73
Ultrapore hemofiltration. The effects on the coagulation and fibrinolytic mechanisms in fresh and stored blood. Gervin AS, et al.
Arch Surg 106:333-6, Mar 73
Chronic intravascular coagulation in metastatic prostate cancer. Samaha RJ, et al.
Arch Surg 106:295-8, Mar 73
Glipizide, a new sulfonylurea in the treatment of diabetes mellitus. Summary of clinical experience in 1064 cases. Emanueli A, et al.
Arzneim Forsch 22:1881-5, Nov 72
Fibrinolysis and platelet aggregation in the course of treatment with a combination of p-chlorophenoxyisobutyric acid derivatives in elderly arteriosclerotics. Spreafico PL, et al.
Arzneim Forsch 23:236-9, Feb 73
Mechanism of warfarin resistance. Warfarin and the metabolism of vitamin K 1 . Bell RG, et al.
Biochemistry 12:1759-62, 24 Apr 73
Purification and properties of the anticoagulant principle of Agkistrodon acutus venom. Ouyang C, et al. **Biochim Biophys Acta** 278:155-62, 31 Aug 72
Thrombogenic activity of leukocytes. Niemetz J, et al.
Blood 42:47-59, Jul 73
Hemophilia B+ or Bm. First case reported in Italy. Girolami A, et al. **Blut** 26:268-79, Apr 73
Hemorrhagic varicella in parahemophilia. Girolami A, et al. **Blut** 25:293-301, Nov 72
Prothrombin during warfarin treatment. Brozović M, et al. **Br J Haematol** 24:579-88, May 73
Studies of the procoagulant and fibrinolytic activity of promyelocytes in acute promyelocytic leukaemia. Grainick HR, et al. **Br J Haematol** 24:89-99, Jan 73
Active and inactive factor VII in Dubin-Johnson syndrome with factor-VII deficiency, hereditary factor-VII deficiency and on coumadin administration. Levanon M, et al.
Br J Haematol 23:669-77, Dec 72
Prolonged prothrombin time and partial thromboplastin time in disseminated intravascular coagulation not due to deficiency of factors V and VIII. Mant MJ, et al. **Br J Haematol** 24:725-34, Jun 73
Effect of warfarin anticoagulation on vitamin-K 1 metabolism in man. Shearer MJ, et al.
Br J Haematol 24:471-9, Apr 73
Hepatic scintiscanning in fulminant hepatic failure. Murray-Lyon IM, et al. **Br J Radiol** 46:30-3, Jan 73
Conservative management of thrombo-embolism. Flute PT. **Br J Surg** 59:834-6, Oct 72
Coagulation changes during termination of pregnancy by prostaglandins and by vacuum aspiration. Badraoui MH, et al. **Br Med J** 1:19-21, 6 Jan 73
Massive scalp haemorrhage after fetal blood sampling due to haemorrhagic disease. Hull MG, et al.
Br Med J 4:321-2, 11 Nov 72
Effects of progestogen oral contraception with norethisterone on blood clotting and platelets. Poller L, et al. **Br Med J** 4:391-3, 18 Nov 72
Mechanisms of thrombocytopenia in malignant tertian malaria. Skudowitz RB, et al. **Br Med J** 2:515-8, 2 Jun 73
Circulating inhibitor against factor VIII. Basu AK, et al.
Bull Calcutta Sch Trop Med 20:19-20, Apr 72
Effect of combined administration of EACA and heparin on thrombus weight and fibrinolysis. An experimental study. Komatsu K, et al.
Bull Tokyo Med Dent Univ 20:93-104, Mar 73
A comparison of the manual and semi-automated methods for prothrombin time determination. Parent A. **Can J Med Technol** 35:33 passim, Aug 73
Halothane hepatitis. Qizilbash AH.
Can Med Assoc J 108:171-7, 20 Jan 73
Total cardiopulmonary support with disposable membrane oxygenator during aortocoronary artery-vein graft operations. Carlson RG, et al.
Chest 62:424-32, Oct 72
Surgical correction of scoliosis in a child with hemostatic abnormalities secondary to cyanotic congenital heart disease. Bunch WH, et al.
Clin Orthop 89:139-42, 1972
Hemorrhagic disease due to vitamin K deficiency in a premature infant: a syndrome which may resemble disseminated intravascular coagulation (DIC). Mangurten HH, et al.
Clin Pediatr (Phila) 12:372-5, Jun 73
Enhancement of warfarin-induced hypoprothrombinemia by triclofos. Sellers EM, et al.
Clin Pharmacol Ther 13:911-5, Nov-Dec 72
Studies of the coagulation process in the crayfish, Orconectes virilis: attempts to identify a fibrinogen-like factor. Wood PJ, et al.
Comp Biochem Physiol [B] 42:41-8, 15 May 72
The effect of anti-rat clotting factor serum on the "prothrombin time". Hwang SW, et al.
Comp Gen Pharmacol 2:87-92, Mar 71
An autoradiographic study of the distribution and excretion of 14C-dicoumarol in the rat. Maines MD, et al. **Comp Gen Pharmacol** 2:184-8, Jun 71
Tolerance and pharmacology of ibuprofen. Brooks CD, et al. **Curr Ther Res** 15:180-90, Apr 73
Effect of cholestyramine on the gastrointestinal absorption of phenprocoumon and acetylosalicylic acid in man. Hahn KJ, et al.
Eur J Clin Pharmacol 4:142-5, Jun 72
Response to warfarin in hypothyroid rats. McIntosh TJ, et al. **Eur J Pharmacol** 15:176-82, Jun 71
Synthetic low molecular weight inhibitors of thrombin. Geratz JD. **Folia Haematol (Leipz)** 98:455-70, 1972
Significance of serum complement levels in chronic liver disease. Finlayson ND, et al.
Gastroenterology 63:853-9, Oct 72
"Lupoid" hepatitis, a nonentity in the spectrum of chronic active liver disease. Soloway RD, et al.
Gastroenterology 63:458-65, Sep 72
Ascending cholangitis: an urgent surgical problem. Cacioppo PL, et al. **Geriatrics** 28:156-9, Mar 73
Chronic hepatitis and cirrhosis of the liver in cryoglobulinaemia. Jori GP, et al. **Gut** 13:610-3, Aug 72
Experimental hepatic necrosis: studies on coagulation abnormalities, plasma clearance, and organ distribution of 125I-labelled fibrinogen. Rake MO, et al. **Gut** 14:574-80, Jul 73
Coagulation studies in acute hepatic failure. Tucker JS, et al. **Gut** 14:418, May 73
Evidence of intracranial deposits at the onset of myelomonoblastic leukaemia. Rose MS.
Guys Hosp Rep 121:223-7, 1972
Acute hepatic necrosis of hepatitis and mushroom poisoning. The value of coagulation tests in their differentiation, prognostic assessment and pathogenesis. Herold R, et al.
Helv Med Acta 37:5-24, 1973
Hazards of prolonged bed-rest. Clinical, biochemical and blood coagulation studies. Sarin RC.
Indian J Med Sci 26:301-7, May 72
A note on the use of anticoagulant therapy in chronic brain syndrome. Lukas ER, et al.
J Am Geriatr Soc 21:224-5, May 73
Two forms of human thrombin. Isolation and characterization. Lanchantin GF, et al.
J Biol Chem 248:5956-66, 10 Sep 73
Comparison of two laboratory tests in the control of anticoagulant therapy. Pearce SJ, et al.
J Clin Pathol 26:73-6, Jan 73
The partial thromboplastin (cephalin) time test. Poller L, et al. **J Clin Pathol** 25:1038-44, Dec 72
"Case report". A case of haemorrhagic diathesis due to factor VII deficiency. Shinnawi BM.
J Egypt Public Health Assoc 47:202-3, 1972
Serum lipid pattern in chickens of the obese strain. Rudas B, et al. **J Endocrinol** 55:609-15, Dec 72
Studies on the pathogenesis of dengue infection in monkeys. II. Clinical laboratory responses to

heterologous infection. Halstead SB, et al. **J Infect Dis** 128:15-22, Jul 73

Studies on the pathogenesis of dengue infection in monkeys. I. Clinical laboratory responses to primary infection. Halstead SB, et al. **J Infect Dis** 128:7-14, Jul 73

Group-specific polysaccharide antigen and humoral antibody response in disease due to Neisseria meningitidis. Hoffman TA, et al. **J Infect Dis** 126:636-44, Dec 72

Warfarin metabolites: the anticoagulant activity and pharmacology of warfarin alcohols. Lewis RJ, et al. **J Lab Clin Med** 81:925-31, Jun 73

Absolute configurations of the four warfarin alcohols. Chan KK, et al. **J Med Chem** 15:1265-70, Dec 72

Influence of dietary lipids on plasma and hepatic lipids and on blood clotting properties in rats fed oral contraceptives. Tabacchi MH, et al. **J Nutr** 103:1270-8, Sep 73

Meningococcal purpura: report of 19 patients treated with heparin. Gérard P, et al. **J Pediatr** 82:780-6, May 73

The effects of age on alkaline phosphatase and other serologic liver function tests in normal subjects and patients with cystic fibrosis. Kattwinkel J, et al. **J Pediatr** 82:234-42, Feb 73

Circulating fibrin in meningococcemia. Kisker CT, et al. **J Pediatr** 82:787-91, May 73

Cross circulation between children in hepatic coma and chimpanzees. Clinical, biochemical, and coagulation observations. MacDonell RC Jr, et al. **J Pediatr** 82:591-7, Apr 73

Disseminated intravascular coagulation in a newborn infant with Listeria sepsis. Miller R, et al. **J Pediatr** 83:640-2, Oct 73

Comsumptive coagulopathy with renal vein thrombosis. Renfield ML, et al. **J Pediatr** 82:1054-6, Jun 73

Heparin therapy in the hemolytic-uremic syndrome. Vitacco M, et al. **J Pediatr** 83:271-5, Aug 73

The plasma half-lives of the enantiomers of warfarin in warfarin-resistant and warfarin-susceptible rats. Hewick DS. **J Pharm Pharmacol** 24:661-2, Aug 72

Alterations in absorption of dicumarol by various excipient materials. Akers MJ, et al. **J Pharm Sci** 62:391-5, Mar 73

Bioavailability of dicumarol from different commercial tablets in dogs. Akers MJ, et al. **J Pharm Sci** 62:1192-3, Jul 73

Multiple-dose kinetics of oral anticoagulants: methods of analysis and optimized dosing. Theofanous TG, et al. **J Pharm Sci** 62:261-6, Feb 73

Kinetics of anticoagulant effect of dicumarol in rats. Wingard LB Jr, et al. **J Pharmacol Exp Ther** 184:253-60, Jan 73

The influence of autonomic arousal on blood clotting time in patients receiving electroconvulsive treatments. Ruxin RL, et al. **J Psychosom Res** 16:185-92, Jun 72

Midtrimester abortion using intra-amniotic prostaglandin F2 alpha with intravenous Syntocinon. Anderson GG, et al. **J Reprod Med** 9:434-6, Dec 72

Hypofibrinogenemic states in obstetrics. Sise HS. **J Reprod Med** 10:115-7, Mar 73

On the therapeutic use of dicoumarin in Merino sheep. Irwin DH, et al. **J S Afr Vet Med Assoc** 42:19-29, Mar 71

Prolonged extracorporeal respiration with a membrane gas exchanger. Awad JA, et al. **J Thorac Cardiovasc Surg** 66:40-51, Jul 73

Amniotic fluid embolism and disseminated intravascular coagulation after blunt abdominal trauma. Olcott C 4th, et al. **J Trauma** 13:737-40, Aug 73

Spontaneous rupture of the kidney: a complication of anticoagulation--report of 2 cases. Luna I, et al. **J Urol** 109:788-9, May 73

Abortion and coagulation by prostaglandin. Intra-amniotic dinoprost tromethamine effect on the coagulation and fibrinolytic systems. Bell WR, et al. **JAMA** 225:1082-4, 27 Aug 73

Hypertonic saline-induced abortion. Correlation of fetal death with disseminated intravascular coagulation. Glueck HI, et al. **JAMA** 225:28-31, 2 Jul 73

Interaction of ascorbic acid and warfarin. Smith EC, et al. **JAMA** 221:1166, 4 Sep 72

Chloroform parties. Storms WW. **JAMA** 225:160, 9 Jul 73

Anticoagulants in acute myocardial infarction. Results of a cooperative clinical trial. **JAMA** 225:724-9, 13 Aug 73

Australian multicentre trial of streptokinase in acute myocardial infarction. Bett JH, et al. **Lancet** 1:57-60, 13 Jan 73

Hepatic damage and death from overdose of paracetamol. Clark R, et al. **Lancet** 1:66-70, 13 Jan 73

Thrombotic thrombocytopenic purpura presenting with gynaecological manifestations. Mitch WE, et al. **Lancet** 1:849-50, 21 Apr 73

Thrombotic thrombocytopenic purpura presenting with gynaecological manifestations. Mitch WE, et al. **Lancet** 808:849-50, 21 Apr 73

Controlled trial of exchange-transfusion therapy in fulminant hepatitis. Redeker AG, et al. **Lancet** 1:3-6, 6 Jan 73

Similarity of hepatitis following transfusion of Australia-antigen positive and negative blood. Sutnick AI, et al. **Lancet** 2:461-4, 1 Sep 73

Toxicity, anti-neoplastic, and coagulation effects of aquatic plants from Minnesota. Su KL, et al. **Lloydia** 36:99-102, Mar 73

Diagnosis of hemorrhagic disorders. Nemerson Y. **Med Clin North Am** 57:531-41, Mar 73 (30 ref.)

Hemophilia. Schick PK. **Med Clin North Am** 57:1095-106, Jul 73 (52 ref.)

Anticoagulants in thromboembolism. Lam-Po-Tang PR. **Med J Aust** 2:1438, 16 Dec 72

Free ceramide in blood and its relevance to atherosclerosis. I. Polya JB, et al. **Med J Aust** 1:873-9, 5 May 73

The one stage prothrombin test: a comparative study of a mechanized prothrombinmeter and manual testing. Fewell RG, et al. **Med Lab Technol** 29:147-51, Apr 72

Quick on Quick's test. Quick AJ. **N Engl J Med** 288:1079, 17 May 73

"Per cent prothrombin activity" unacceptable. Soloway HB. **N Engl J Med** 288:688, 29 Mar 73

The prothrombin-activating principle from Echis carinatus venom. II. Coagulation studies in vitro and in vivo. Schieck A, et al. **Naunyn Schmiedebergs Arch Pharmacol** 274:7-17, 1972

Coagulation defects caused by diphenylhydantoin. Solomon GE, et al. **Neurology (Minneap)** 22:1165-71, Nov 72

Massive hemorrhage and death during treatment with clofibrate and warfarin. Solomon RB, et al. **NY State J Med** 73:2002-3, 1 Aug 73

Massive hemorrhage and death during treatment with clofibrate and warfarin. Solomon RB, et al. **NY State J Med** 23:2002-3, 1 Aug 73

Acute promyelocytic leukemia in pregnancy. Bhoopathi B, et al. **Obstet Gynecol** 41:275-8, Feb 73

Diagnosis and treatment of inherited bleeding disorders. Strauss HS. **Pediatr Clin North Am** 19:1009-28, Nov 72 (79 ref.)

Activation of the fibrinolytic and natural anticoagulant system in rats by injection of thrombin. Lucas ON, et al. **Pharmacol Ther Dent** 1:233-40, Jun 71

Sodium warfarin. O'Reilly RA. **Pharmacology** 8:181-90, 1972

Thromboplastic activity of acetone-dehydrated chicken brain powder extracts after repeated extraction and dilution. Shum YS, et al. **Poult Sci** 51:402-7, Mar 72

Effect of dietary protein and fat on prothrombin time of chickens at different environmental temperatures. Soliman KF, et al. **Poult Sci** 51:1984-9, Nov 72

Congenital deficiency of factor VII. First two cases reported in Venezuela. Guevara I, et al. **Rev Bras Pesqui Med Biol** 5:101-6, 1972 (Eng. Abstr.) (Pol)

Some recent advances in coagulation--1972. King JB. **S Afr Med J** 46:2085-9, 30 Dec 72 (42 ref.)

Purpura fulminans and disseminated intravascular coagulation. A report of 5 cases in childhood. Rainier-Pope CR. **S Afr Med J** 47:1420-2, 11 Aug 73

Peritoneal dialysis in hyponatremia due to liver failure. Ring-Larsen H, et al. **Scand J Gastroenterol** 8:33-40, 1973

Coagulation abnormalities in acute liver failure; pathogenetic and therapeutic implications. Clark R, et al. **Scand J Gastroenterol [Suppl]** 19:63-70, 1973

The relevance of blood clotting tests in chronic aggressive hepatitis. Coccheri S, et al. **Scand J Gastroenterol [Suppl]** 19:97-101, 1973

Study on the correlation between Normotest, Quick's method, and specific coagulation factors in liver disease. Hadchouel P, et al. **Scand J Gastroenterol [Suppl]** 19:151-4, 1973

Statistical evaluation of Normotest in a longitudinal

study of hepatitis. Hentschel E, et al. **Scand J Gastroenterol [Suppl]** 19:139-41, 1973

Theory and experience behind the use of coagulation tests in diagnosis and prognosis of liver disease. Koller F. **Scand J Gastroenterol [Suppl]** 19:51-61, 1973

Normotest in acute viral hepatitis. Schmidt W, et al. **Scand J Gastroenterol [Suppl]** 19:143-50, 1973

The prognostic value of laboratory tests in liver disease. Tygstrup N. **Scand J Gastroenterol [Suppl]** 19:47-50, 1973

The diagnostic value of coagulation studies in chronic liver disease. Veltkamp JJ, et al. **Scand J Gastroenterol [Suppl]** 19:93-5, 1973

Dysfibrinogenaemia associated with primary hepatoma. Verhaeghe R, et al. **Scand J Haematol** 9:451-8, 1972

Chronic hepatitis--clinicopathological differentiation between active chronic hepatitis and recurrent or persistent (viral) hepatitis. Fung WP, et al. **Singapore Med J** 13:216-23, Oct 72 (26 ref.)

Coagulation and fibrinolysis in simian Plasmodium knowlesi malaria. Sucharit P, et al. **Southeast Asian J Trop Med Public Health** 4:15-8, Mar 73

Evidence for abnormalities in clotting and thrombolysis as a risk factor for stroke. Pilgeram LO, et al. **Stroke** 4:643-57, Jul-Aug 73

Stroke and blood coagulation. Todd M, et al. **Stroke** 4:400-5, May-Jun 73

Heparin induced thrombocytopenia with thrombotic and hemorrhagic manifestations. Rhodes GR, et al. **Surg Gynecol Obstet** 136:409-16, Mar 73

The effect of gastric cooling on hemostasis. Waterman NG, et al. **Surg Gynecol Obstet** 137:80-2, Jul 73

Recurrence of venous thromboembolism. Coon WW, et al. **Surgery** 73:823-7, Jun 73

Stroma-free hemoglobin. I. Preparation and observations on in vitro changes in coagulation. Moss GS, et al. **Surgery** 74:198-203, Aug 73

Coagulation studies in a case of severe congenital hypofibrinogenemia. Barbu T, et al. **Thromb Diath Haemorrh** 28:129-34, 31 Aug 72

Inhibition of thromboplastin activity in plasma by aluminosilicate treatment. Chenkin T, et al. **Thromb Diath Haemorrh** 28:135-43, 31 Aug 72

Plasma fibrinolytic activity associated with flurothyl induced convulsion. Cooper RG, et al. **Thromb Diath Haemorrh** 28:376-82, 31 Dec 72

Variants of haemophilia B. Elödi S, et al. **Thromb Diath Haemorrh** 28:489-95, 31 Dec 72

The effect of several tissue thromboplastins on the activation of the abnormal factor X (factor X Friuli). Girolami A, et al. **Thromb Diath Haemorrh** 27:535-42, 31 Jul 72

Blood coagulation and fibrinolysis in a random sample of 788 men 54 years old. I. Correlations between the variables of clotting and fibrinolysis. Korsan-Bengtsen K, et al. **Thromb Diath Haemorrh** 28:89-98, 31 Aug 72

The influence of acenocumarole on the fibrinogen-turnover in normal subjects, venous thrombosis and congestive heart failure. Maas AP van der, et al. **Thromb Diath Haemorrh** 28:496-508, 31 Dec 72

Bleeding tendency with platelet dysfunction and albinism. A case report. Murakami M, et al. **Thromb Diath Haemorrh** 27:461-71, 31 Jul 72

Filipin as a tool for the study of blood coagulation reactions. Plas PM van der, et al. **Thromb Diath Haemorrh** 27:584-93, 31 Jul 72

The treatment of patients having spontaneously occurring antibodies to antihaemophilic factor (factor VIII). Rizza CR, et al. **Thromb Diath Haemorrh** 28:120-8, 31 Aug 72

Complement and coagulation. Serum beta-1c-beta-1a in disseminated intravascular coagulation. Tomar RH, et al. **Thromb Diath Haemorrh** 27:389-95, 31 Jul 72

Chronic ingestion by rats of standard diet treated with aluminum phosphide. Hackenberg U. **Toxicol Appl Pharmacol** 23:147-58, Sep 72

L-amino acid oxidase, phosphodiesterase, total protein and other properties of juvenile timber rattlesnake (C. H. horridus) venom at different stages of growth. Bonilla CA, et al. **Toxicon** 11:301-3, Apr 73

Disturbances of coagulation mechanism in protein-calorie malnutrition. Hassanein EA, et al. **Trop Geogr Med** 25:158-62, Jun 73

Preservation of coagulation factors V and VIII during collection and subsequent storage of bank blood in ACD-A and CPD solutions. Welsert O, et al. **Vox Sang** 24:126-33, Feb 73

[Hemostatic disorders in the treatment of leukoblastosis with L-asparaginase (crasnitin)] Genova V. **Vutr Boles** 12:43-9, 1973 (Eng. Abstr.) (Bul)

[Standardization of laboratory control in oral anticoagulation] Loeliger EA. **Ned Tijdschr Geneeskd** 116:1571-3, 28 Aug 72 (Dut)

[Blood hypercoagulability with administration of norethynodrel: correction for purification of progestin] Brazeau P, et al. **Can J Physiol Pharmacol** 51:555-8, Jul 73 (Fre)

[Intramural hematoma of the intestine caused by anticoagulants (3 cases, 1 of them of the colon)] Huguier M, et al. **Chirurgie** 98:427-32, May 72 (Eng. Abstr.) (Fre)

[Serum cholinesterase, test of liver cell failure] Tamarelle C, et al. **Sem Hop Paris** 49:859-64, 8 Mar 73 (Eng. Abstr.) (Fre)

[Toxicity of warfarin and its effect on blood coagulation in rat and mice] Niedner R, et al. **Arzneim Forsch** 23:102, Jan 73 (Eng. Abstr.) (Ger)

[Toxicity of warfarin and its effect on blood coagulation in rats and mice] Niedner R, et al. **Australas Radiol** 23:102, Jan 73 (Eng. Abstr.) (Ger)

[Blood coagulation tests using capillary blood. I. Quick thromboplastin time and partial thromboplastin time] Göbel U, et al. **Blut** 26:312-20, May 73 (Eng. Abstr.) (Ger)

[Factor XII deficiency in two brothers] Müller G, et al. **Dtsch Med Wochenschr** 98:267-9, 9 Feb 73 (Eng. Abstr.) (Ger)

[Changes of blood coagulation caused by propanidid and clomethiazole] Naber K, et al. **Dtsch Med Wochenschr** 98:226, 2 Feb 73 (Ger)

[Comparison of the blood clotting system in man, rabbit, dog, and swine] Kaše F. **Folia Haematol (Leipz)** 97:302-7, 1972 (Eng. Abstr.) (Ger)

[Treatment problems in acute circulation disorders of the inner ear using low molecular dextrans] Förster KH, et al. **HNO** 20:208-11, Jul 72 (Eng. Abstr.) (Ger)

[Vitamin A overdosage. II. Cytological and biochemical changes in blood from high doses of vitamin A with and without alpha-tocopherol treatment] Soliman MK. **Int J Vitam Nutr Res** 42:576-82, 1972 (Eng. Abstr.) (Ger)

[Efficiency and limits of fibrinolytic system function tests] Loo J van de. **Internist (Berlin)** 14:170-4, Apr 73 (Ger)

[Efficiency and limits of blood coagulation tests] Róka L. **Internist (Berlin)** 14:149-53, Apr 73 (Ger)

[Blood coagulation and fibrinolysis in arteriosclerotic occlusions of the arteries of the extremities] Jipp P, et al. **Klin Wochenschr** 50:689-95, 15 Jul 72 (Eng. Abstr.) (Ger)

[Reptilase time in relation to fetal fibrinogen] Krause W, et al. **Klin Wochenschr** 51:94-5, 15 Jan 73 (Eng. Abstr.) (Ger)

[Antihepatotoxic influence of silymarin on galactosamine hepatitis in the rat] Meyer-Burg J. **Klin Wochenschr** 50:1062-3, 15 Nov 72 (Eng. Abstr.) (Ger)

[Diagnosis and therapy of blood coagulation disorders in obstetrics and gynecology] Felder KD. **Med Klin** 67:1220-6, 22 Sep 72 (Ger)

[Is the administration of prothrombin concentrate in heart infarct always absolutely contraindicated?] Schricker KT, et al. **Med Klin** 67:841-5, 16 Jun 72 (Eng. Abstr.) (Ger)

[Laboratory supervision of anticoagulant therapy] Fischer M. **Med Lab (Stuttg)** 26:105-10, May 73 (Ger)

[Parietal thromboplastin time, thromboplastin time fibrinogen, thrombin time and thrombocyte count in healthy and sick newborn infants] Göbel U, et al. **Monatsschr Kinderheilkd** 120:484-8, Dec 72 (Eng. Abstr.) (Ger)

[Influence of single and repeated hemodialises on the blood coagulation status] Albert FW, et al. **Munch Med Wochenschr** 114:1917-21, 3 Nov 72 (Eng. Abstr.) (Ger)

[The substitution of tritium labelled vitamin K3 under Marcumar treatment] Ritzl F. **Nucl Med (Stuttg)** 9:401-4, 1971 (Ger)

[Thrombotest in the 1st days of life] Waltl H, et al. **Paediatr Paedol** 7:336-43, 1972 (Eng. Abstr.) (Ger)

[Thrombotest in sick premature infants] Waltl H, et al. **Paediatr Paedol** 8:284-90, 1973 (Eng. Abstr.) (Ger)

[Coagulative influence of 5-oxo-6-amino-7-ketimino-6-phenyldibenzo(a.c)cycloheptan] Milošev M, et al. **Pharmazie** 27:520-1, Aug 72 **(Ger)**

[Quality control in the hematologic laboratory] Bucher HJ. **Schweiz Med Wochenschr** 102:1857-66, 23 Dec 72 (Eng. Abstr.) **(Ger)**

[Diagnosis of the consumption coagulopathy] Fischer M. **Wien Klin Wochenschr** 85:319-23, 4 May 73 (Eng. Abstr.) **(Ger)**

[Prevention and therapy of peripheral arteriosclerotic circulatory disorders using anticoagulants] Egghart F. **Wien Med Wochenschr** 123:259-60, 21 Apr 73 **(Ger)**

[The behaviour of physiologic inhibitors of blood coagulation and of the thrombelastogram in pregnancy] Tismer R, et al. **Z Geburtshilfe Perinatol** 176:193-201, Jun 72 (Eng. Abstr.) **(Ger)**

[Natural inhibitors of coagulation in surgery as compared to blood donors] Frick G, et al. **Zentralbl Chir** 97:1535-40, 28 Oct 72 **(Ger)**

[Patient-control method for long term anticoagulant therapy] Erdman S, et al. **Harefuah** 84:153-5, 1 Feb 73 (Eng. Abstr.) **(Heb)**

[Thrombelastographic studies of the effects of a new non-steroid estrogen on hemocoagulation] Goisis M, et al. **Minerva Ginecol** 25:146-52, Mar 73 (Eng. Abstr.) **(Ita)**

[Prothrombin complex: new data of biochemical and clinical interest] Girolami A. **Quad Sclavo Diagn** 7:449-61, Mar 71 **(Ita)**

[Changes of parameters of coagulation and fibrinolysis in disseminated intravascular coagulation] Aoki N. **Jap J Clin Hematol** 14:29-34, Jan 73 (Eng. Abstr.) **(Jap)**

[Effects of hydroxyethyl starch on blood coagulation and fibrinolysis. 1. In vitro studies] Matsuda T, et al. **Jap J Clin Hematol** 13:831-4, Oct 72 (Eng. Abstr.) **(Jap)**

[Keypoints in clinical tests for hemorrhagic and thrombotic tendencies] Yasunaga K. **Jap J Clin Med** 31:783-97, Apr 73 (20 ref.) **(Jap)**

[Blood coagulation disorders in an experimental defibrination with concomitant endotoxic shock] Bielski J, et al. **Acta Haematol Pol** 3:45-52, Jan-Mar 72 (Eng. Abstr.) **(Pol)**

[Genetic forms of hemophilia B: two Polish families with hemophilia B+] Uszyński L. **Acta Haematol Pol** 2:115-20, Apr-Jun 71 (Eng. Abstr.) **(Pol)**

[Mechanisms of action of oral anticoagulants] Uszyński L. **Acta Haematol Pol** 3:133-9, Apr-Jun 72 (Eng. Abstr.) **(Pol)**

[Disseminated intravascular clotting in liver cirrhosis] Krug H, et al. **Pol Arch Med Wewn** 50:243-9, Mar 73 (Eng. Abstr.) **(Pol)**

[Coagulopathy in periarteritis nodosa] Krug H, et al. **Pol Arch Med Wewn** 49:591-5, Dec 72 (Eng. Abstr.) **(Pol)**

[Behavior of blood platelets in extracorporeal circulation] Grundman J. **Pol Przegl Chir** 45:15-21, Jan 73 (Eng. Abstr.) **(Pol)**

[Hemostasis disorders in liver cirrhosis] Judkiewicz L, et al. **Pol Tyg Lek** 28:708-11, 1 May 73 (34 ref.) **(Pol)**

[The effect of dibotin on carbohydrate metabolism indices and the coagulation properties of capillary blood in diabetes mellitus] Mitskevich SI, et al. **Probl Endokrinol (Mosk)** 18:17-20, Nov-Dec 72 (Eng. Abstr.) **(Rus)**

[Hemocoagulation in patients with peptic ulcer and its complications] Starukhin AM. **Ter Arkh** 44:82-5, Nov 72 (Eng. Abstr.) **(Rus)**

[Hemocoagulation and fibrinolytic properties of the gastric wall involved in ulcerous and cancerous processes] Kal'chenko II, et al. **Vestn Khir** 110:3-8, Apr 73 (Eng. Abstr.) **(Rus)**

[Changes of certain indicators of the coagulation and anticoagulation systems of the blood in postthrombophlebitic syndrome] Vasiutkov VIa. **Vrach Delo** 3:31-2, Mar 73 (Eng. Abstr.) **(Rus)**

[Evaluation of the changes in the blood coagulation system in the dynamics of treating ischemic insult with anticoagulants] Lobkova TN. **Zh Nevropatol Psikhiatr** 73:645-51, 1973 (Eng. Abstr.) **(Rus)**

[Clinical and biochemical study in school children of a seleniferous zone] Jaffe WG, et al. **Arch Latinoam Nutr** 22:595-611, Dec 72 (Eng. Abstr.) **(Spa)**

[Dipyridamole and anticoagulants in the management of the pregnant woman with cardiac valve prosthesis] Del Bosque Ruiz M. **Ginecol Obstet Mex** 33:191-8, Feb 73 (Eng. Abstr.) **(Spa)**

[Clinical and experimental studies of hepatic disproteinemia] Pons Romero F, et al. **Rev Med Univ Navarra** 16:137-51, Jun 72 (Eng. Abstr.) **(Spa)**

STANDARDS

The critical evaluation of thromboplastin. Ziegler FD, et al. **Ann Clin Lab Sci** 2:16-25, Jan-Feb 72 (69 ref.)

Quick on Quick's test. Quick AJ. **N Engl J Med** 288:1079, 17 May 73

Progress in the control of oral anticoagulation. Loeliger EA. **Thromb Diath Haemorrh** 28:109-19, 31 Aug 72

[Prothrombin activity of plasma. I. Factors that affect its determination] Ratto LA, et al. **Sangre (Barc)** 18:93-101, 1973 (Eng. Abstr.) **(Spa)**

PURPURA, THROMBOPENIC

Would you fly with these pilots? A panel discussion. **Aerosp Med** 44:786-93, Jul 73

Kasabach-Merritt syndrome in an adult. Boros G, et al. **Haematologia (Budap)** 7:83-96, 1973

Complications of haemangiomatoses. Kasabach-Merritt syndrome in an adult. Szilágyi G, et al. **Haematologia (Budap)** 7:69-81, 1973

Giant haemangioendothelioma with purpura (Kasabach-Merrit syndrome). (A case report). Bhandari B, et al. **Indian Pediatr** 9:718-20, Nov 72

[Acute relapse of idiopathic thrombopenic purpura during infectious episodes] Zittoun R, et al. **Ann Med Interne (Paris)** 123:399-402, Apr 72 **(Fre)**

[Disseminated intravascular blood clotting in blood diseases] Uszyński L. **Acta Haematol Pol** 2:253-7, Jul-Sep 71 (44 ref.) **(Pol)**

[Fisher-Evans disease] Pikul'skaia AF, et al. **Vrach Delo** 3:33-4, Mar 73 **(Rus)**

[Combination of extensive simple hypertrophic hemangioma with thrombocytopenia] Solovko AIu. **Vrach Delo** 7:66-8, Jul 72 **(Rus)**

[Idiopathic thrombocytopenic purpura in children] Kreuger A, et al. **Lakartidningen** 70:190-4, 17 Jan 73 (Eng. Abstr.) **(Swe)**

BLOOD

Platelet factor 3 in Glanzmann's thrombasthenia. Saraya AK, et al. **Acta Haematol (Basel)** 48:116-24, 1972

Vascular hemostasis: a review. Stevens DJ. **Am J Med Technol** 39:252-7, Jun 73 (50 ref.)

Idiopathic thrombocytopenic purpura. Long-term results of treatment and the prognostic significance of response to corticosteroids. Thompson RL, et al. **Arch Intern Med** 130:730-4, Nov 72

The exchangeable splenic platelet pool studied with epinephrine infusion in idiopathic thrombocytopenic purpura and in patients with splenomegaly. Branehög I, et al. **Br J Haematol** 25:239-48, Aug 73

Platelet metabolism in acute leukemia. Cowan DH. **J Lab Clin Med** 82:54-66, Jul 73

An ultrastructural study of ropalocytosis in human blood and bone marrow. Skinnider LF, et al. **J Pathol** 109:1-5, Jan 73

Glanzmann's thrombasthenia and reduced glutathione. Beutler E. **N Engl J Med** 287:1094-5, 23 Nov 72

Stimulation of nonimmunized lymphocytes by platelet-antibody complexes in idiopathic thrombocytopenic purpura. Handin RI, et al. **N Engl J Med** 289:714-8, 4 Oct 73

Deficiency of glutathione peroxidase associated with high levels of reduced glutathione in glanzmann's thrombasthenia. Karpatkin S, et al. **N Engl J Med** 287:1062-6, 23 Nov 72

Interaction between platelets and von Willebrand factor provides a new scheme for primary haemostasis. Caen JP, et al. **Nature [New Biol]** 244:159-60, 1 Aug 73

A case of thrombasthenia with a study of platelet aggregation by hydrogen peroxide (H 2 O 2). Higashi O, et al. **Tohoku J Exp Med** 106:399-409, Apr 72

[Thrombopenic purpura and hyperthyroidism] Dao C, et al. **Ann Med Interne (Paris)** 124:323-6, Apr 73 **(Fre)**

[Syndrome of sea-blue histiocytes or so-called blue-pigment macrophages] Bayer PM, et al. **Wien Klin Wochenschr** 85:514-7, 20 Jul 73 (Eng. Abstr.) **(Ger)**

[Changes of serum haptoglobin after splenectomy in hereditary spherocytosis and idiopathic thrombocytopenic purpura] Oshiro T, et al. **Jap J Clin Hematol** 14:18-28, Jan 73 (Eng. Abstr.) **(Jap)**

[A study on the changes in the number of basophilic granulocytes in the peripheral blood in relation to immune reactions] Yoshikawa S. **Jap J Clin Hematol** 13:281-8, Jun 72 (Eng. Abstr.) **(Jap)**

[A light and phase contrast study of the thrombocytes of children with thrombocytopenic purpura] Lakina SK, et al. **Lab Delo** 7:424-6, 1972 **(Rus)**

CHEMICALLY INDUCED

Toxicity of ethacrynic acid and furosemide. Cooperman LB, et al. **Am Heart J** 85:831-4, Jun 73 (9 ref.)

Immune thrombocytopenia due to a metabolite of para-aminosalicylic acid. Eisner EV, et al. **Am J Med** 53:790-6, Dec 72

Melleril and thrombocytopenia. Silberstein P. **Aust Paediatr J** 8:219, Aug 72

Thrombocytopenic purpura associated with ingestion of acetaminophen (Tylenol). Skokan JD, et al. **Cleve Clin Q** 40:89-91, Summer 73

Quinidine-induced thrombocytopenia. Libman LJ, et al. **Proc R Soc Med** 65:590, Jul 72

[Active anti-platelet antibodies in the presence of acetyl-salicylic acid. Activity on platelet aggregation and cross reactions] Duriez R, et al. **Ann Med Interne (Paris)** 123:593-6, Jun-Jul 72 **(Fre)**

[Thrombocytopenic purpura following thorotrast administration. Case report on late thorotrast induced lesion] Pape U, et al. **Hautarzt** 24:254-7, Jun 73 **(Ger)**

[Acute thrombocytopenic purpura following virus vaccinations] Carlo WR, et al. **Kinderaerztl Prax** 40:448-53, Oct 72 **(Ger)**

[Large aortic aneurysm in a luetic subject with great clinical endurance and severe anemia] Chini V. **Minerva Med** 63:4553-65, 24 Nov 72 **(Ita)**

COMPLICATIONS

Haemolytic disease of the newborn, thrombocytopenic purpura and neutropenia occurring concurrently in a litter of piglets. Linklater KA, et al. **Br Vet J** 129:36-46, Jan-Feb 73

Autoimmune disorders and malignant lymphoma. Jones SE. **Cancer** 31:1092-8, May 73

Onyalai (a form of idiopathic thrombocytopenic purpura) in the United States. A report of two patients. Harris MB, et al. **Clin Pediatr (Phila)** 11:705-7, Dec 72

Thrombocytopenic purpura: the dentist's responsibility. Weiss JI. **J Am Dent Assoc** 87:165-8, Jul 73

Thrombocytopenic purpura in cytomegalovirus mononucleosis. Chanarin I, et al. **Lancet** 1:238-9, 4 Aug 73

Pathology of isoimmune purpura thrombocytopenica in piglets. Andersen S, et al. **Nord Vet Med** 25:211-9, Apr-May 73

Oral manifestations of hematological disorders. Report of four cases. Uthman AA, et al. **NY State Dent J** 39:27-8, Jan 73

Idiopathic thrombocytopenic purpura associated with hyperthyroidism. Takeda R, et al. **South Med J** 66:553-6, May 73

Concurrent haemolytic disease of the newborn and thrombocytopenic purpura in piglets without artificial immunisation of the dam. Hall SA, et al. **Vet Rec** 91:677-8, 30 Dec 72

[Hyperthyroidism--thrombopenic purpura--vitiligo] Godeau P, et al. **Ann Med Interne (Paris)** 124:327-31, Apr 73 **(Fre)**

[Aseptic necrosis of the humeral head. Apropos of 17 cases] Rosenberg F, et al. **Rev Rhum Mal Osteoartic** 39:407-16, Jun-Jul 72 (Eng. Abstr.) **(Fre)**

[Pathogenesis and clinical aspects of congenital thrombocytopenias] Krosse C, et al. **Kinderaerztl Prax** 40:295-300, Jul 72 **(Ger)**

[Hemolytic-uremic syndrome and microangiopathic hemolytic anemia] Dacie JV. **Recent Prog Med (Roma)** 54:1-22, Jan 73 (Eng. Abstr.) **(Ita)**

[Basedow's disease complicated by idiopathic thrombocytopenic purpura. A case report] Kitao T, et al. **J Jap Soc Intern Med** 62:380-3, Apr 73 **(Jap)**

[Syndromes of disseminated intravascular coagulation-from the standpoint of internal medicine] Matsuoka M, et al. **Jap J Clin Med** 31:810-21, Apr 73 (59 ref.) **(Jap)**

[Pulmonary nocardiosis with Evans' syndrome] Yokoo A, et al. **Jap J Thorac Dis** 11:292-5, May 73 **(Jap)**

[Immunosuppressive treatment of systemic lupus erythematosus with thrombocytopenic purpura] Lebioda J, et al. **Przegl Dermatol** 59:721-5, Nov-Dec 72 (Eng. Abstr.) **(Pol)**

[Treatment of patients with acute hemorrhage due to hemorrhagic gastritis] Veller DG, et al. **Vestn Khir** 108:40-3, Sep 72 (Eng. Abstr.) **(Rus)**

[Subarachnoid hemorrhage in childhood] Luis-Porras C, et al. **Rev Clin Esp** 129:111-8, 30 Apr 73 (39 ref.) **(Spa)**

[Disseminated intravascular coagulation and hemolytic anemia (special reference to Evans' syndrome)] Salvioli JE, et al. **Rev Clin Esp** 129:303-8, 15 May 73 **(Spa)**

CONGENITAL

Perinatal aspects of maternal autoimmune disease. Jones WR, et al. **Aust Paediatr J** 8:306-10, Dec 72

Management of autoimmune thrombocytopenia in pregnancy and in the neonate. Territo M, et al. **Obstet Gynecol** 41:579-84, Apr 73

DIAGNOSIS

Acute leukemia: the most protean disease of childhood. Pochedly CE. **Am Fam Physician** 7:84-91, Jun 73

Thrombocytopenic purpura and haemolytic anaemia after influenza vaccination. Symmers WS. **Br Med J** 2:614, 9 Jun 73

Hypersplenism. **Calif Med** 118:24-9, Jan 73

Thrombocytopenic purpura: the dentist's responsibility. Weiss JI. **J Am Dent Assoc** 87:165-8, Jul 73

Management of autoimmune thrombocytopenia in pregnancy and in the neonate. Territo M, et al. **Obstet Gynecol** 41:579-84, Apr 73

Idiopathic thrombocytopaenic purpura. Van der Merwe DJ. **Proc Mine Med Off Assoc** 51:135-6, May-Aug 71

[Acute relapse of idiopathic thrombopenic purpura during infectious episodes] Zittoun R, et al. **Ann Med Interne (Paris)** 123:399-402, Apr 72 **(Fre)**

[Problems in Evan's syndrome. Clinical and nuclear medicine studies] Heck J, et al. **Dtsch Med Wochenschr** 98:1163-8, 8 Jun 73 (Eng. Abstr.) **(Ger)**

[Thrombocytopenic purpura following thorotrast administration. Case report on late thorotrast induced lesion] Pape U, et al. **Hautarzt** 24:254-7, Jun 73 **(Ger)**

[Von-Willebrand-Jürgens syndrome] Winckelmann G. **Med Klin** 68:37-42, 12 Jan 73 **(Ger)**

[Idiopathic recurrent thrombopenias. Clinico-hematological study] Cacciola E, et al. **Haematologica (Pavia)** 58:203-9, 1973 (Eng. Abstr.) **(Ita)**

[Clinical forms and therapy of thrombopenic syndromes in childhood] Lombardo G, et al. **Minerva Pediatr** 24:1331-403, 15 Sep 72 **(Ita)**

[Principles of general diagnosis in blood platelet deficiency syndromes] Santangelo G. **Minerva Pediatr** 24:1291-9, 8 Sep 72 **(Ita)**

DRUG THERAPY

Immunosuppressive therapy. Winkelstein A, et al. **Am J Med Sci** 265:92-108, Feb 73

Idiopathic thrombocytopenic purpura. Long-term results of treatment and the prognostic significance of response to corticosteroids. Thompson RL, et al. **Arch Intern Med** 130:730-4, Nov 72

Idiopathic thrombocytopenic purpura in children: results of steroid therapy and splenectomy. Beham ES, et al. **Aust Paediatr J** 8:311-7, Dec 72

Cellular immunity to platelets in idiopathic thrombocytopenic purpura. Wybran J, et al. **Blood** 40:856-61, Dec 72

Idiopathic thrombocytopenic purpura in identical twins. Norris AD. **Br J Clin Pract** 27:95-7, Mar 73

Idiopathic thrombocytopenia after treatment with steroids and immunosuppressives. Goebel KM, et al. **Chemotherapy** 18:112-8, 1973

Onyalai (a form of idiopathic thrombocytopenic purpura) in the United States. A report of two patients. Harris MB, et al.
Clin Pediatr (Phila) 11:705-7, Dec 72
Thrombocytopenic purpura: the dentist's responsibility. Weiss JI.
J Am Dent Assoc 87:165-8, Jul 73
Corticosteroids and immunity to varicella. Lopez R.
J Pediatr 82:740-1, Apr 73
Neonatal isoimmune purpura: response to platelet infusions. McIntosh S, et al. **J Pediatr** 82:1020-7, Jun 73
Stimulation of nonimmunized lymphocytes by platelet-antibody complexes in idiopathic thrombocytopenic purpura. Handin RI, et al.
N Engl J Med 289:714-8, 4 Oct 73
Thrombocytopenic purpura in infectious mononucleosis. Casey TP, et al.
NZ Med J 77:318-20, May 73
[Thrombopenic purpura and hyperthyroidism] Dao C, et al. **Ann Med Interne (Paris)** 124:323-6, Apr 73 **(Fre)**
[Hyperthyroidism--thrombopenic purpura--vitiligo] Godeau P, et al.
Ann Med Interne (Paris) 124:327-31, Apr 73 **(Fre)**
[Betamethasone phosphate in hematology] Bauters F.
Lille Med 16:s 2:625-30, Apr 71 **(Fre)**
[Radiometric indices and splenectomy in the hepatic form of essential thrombopenia] Dimitrow L, et al.
Biut 26:134-40, Feb 73 (Eng. Abstr.) **(Ger)**
[Therapy of idiopathic thrombopenic purpura using immunosuppressive agents] Krug K.
Dtsch Gesundheitsw 28:444-8, 2 Mar 73 (Eng. Abstr.) **(Ger)**
[Problems in Evan's syndrome. Clinical and nuclear medicine studies] Heck J, et al.
Dtsch Med Wochenschr 98:1163-8, 8 Jun 73 (Eng. Abstr.) **(Ger)**
[Acute thrombocytopenic purpura following virus vaccinations] Carlo WR, et al.
Kinderaerztl Prax 40:448-53, Oct 72 **(Ger)**
[Splenectomy in Werlhof's disease during pregnancy] Fink R, et al.
Zentralbl Gynaekol 95:665-8, 11 May 73 **(Ger)**
[Idiopathic recurrent thrombopenias. Clinico-hematological study] Cacciola E, et al.
Haematologica (Pavia) 58:203-9, 1973 (Eng. Abstr.) **(Ita)**
[Clinical forms and therapy of thrombopenic syndromes in childhood] Lombardo G, et al.
Minerva Pediatr 24:1331-403, 15 Sep 72 **(Ita)**
[Immunosuppressive therapy] Purice S.
Stud Cercet Med Interna 14:209-16, 1973 (48 ref.) **(Rum)**
[Immunosuppressive therapy in idiopathic thrombopenic purpura. Results obtained with the use of azothioprine in 24 cases in children] Ortega JJ, et al.
Sangre (Barc) 18:48-9, 1973 (Eng. Abstr.) **(Spa)**
[10-year follow-up on the treatment of Werlhof's disease] Todorović M.
Lijec Vjesn 95:137-40, 1973 (Eng. Abstr.) **(Cro)**

ENZYMOLOGY

Enzymatic abnormalities in megakaryocytes. Kass L.
Acta Haematol (Basel) 49:193-9, 1973
Glanzmann's thrombasthenia and reduced glutathione. Beutler E. **N Engl J Med** 287:1094-5, 23 Nov 72
Deficiency of glutathione peroxidase associated with high levels of reduced glutathione in glanzmann's thrombasthenia. Karpatkin S, et al.
N Engl J Med 287:1062-6, 23 Nov 72

ETIOLOGY

Infectious mononucleosis with thrombocytopenic purpura. Selroos O. **Acta Med Scand** 192:471-4, Nov 72
Adverse reactions to duck embryo rabies vaccine. Range and incidence. Rubin RH, et al.
Ann Intern Med 78:643-9, May 73
Thrombocytopenic purpura and haemolytic anaemia after influenza vaccination. Symmers WS.
Br Med J 2:614, 9 Jun 73
Thrombocytopenic purpura as the sole manifestation of a recurrence of Hodgkin's disease. Hamilton PJ, et al.
J Clin Pathol 26:70-2, Jan 73
Etiology and therapy of thrombocytopenia associated with sarcoidosis. Dickerman JD, et al.
J Pediatr 81:758-64, Oct 72
Neonatal isoimmune purpura: response to platelet infusions. McIntosh S, et al. **J Pediatr** 82:1020-7, Jun 73
Thrombocytopenic purpura in cytomegalovirus mononucleosis. Chanarin I, et al.
Lancet 1:238-9, 4 Aug 73
Thrombocytopenic purpura in cytomegalovirus mononucleosis. Müller-Stamou A, et al.
Lancet 2:497-8, 1 Sep 73
The role of the lymphocyte in producing the clinical manifestations of chronic lymphocytic leukemia. Rubin AD, et al.
Med Clin North Am 57:463-78, Mar 73 (55 ref.)
Pathology of isoimmune purpura thrombocytopenica in piglets. Andersen S, et al.
Nord Vet Med 25:211-9, Apr-May 73
Thrombocytopenic purpura in infectious mononucleosis. Casey TP, et al.
NZ Med J 77:318-20, May 73
[Thrombopenic purpura and hyperthyroidism] Dao C, et al. **Ann Med Interne (Paris)** 124:323-6, Apr 73 **(Fre)**
[Fuso-cellular thymoma associated with erythroblastopenia, megakaryocytopenia and cytomegalic inclusion disease] Bernadou A, et al.
Sem Hop Paris 48:3443-9, 20 Dec 72 (Eng. Abstr.) **(Fre)**
[Aseptic bone necrosis in systemic lupus erythematosus. Apropos of 7 new cases] Vroninks P, et al.
Sem Hop Paris 48:3001-9, 14 Nov 72 (Eng. Abstr.) **(Fre)**
[Splenic contraction due to adrenalin as a possible diagnostic test before splenectomy in subjects with a thrombopenic hemorrhagic syndrome] Cacciola E, et al.
Haematologica (Pavia) 58:196-202, 1973 (Eng. Abstr.) **(Ita)**
[Thrombopenias] Dioguardi N.
Minerva Med 63:4983-96, 19 Dec 72 **(Ita)**
[Principles of general diagnosis in blood platelet deficiency syndromes] Santangelo G.
Minerva Pediatr 24:1291-9, 8 Sep 72 **(Ita)**
[Post-transfusion autoimmune thrombocytopenia purpura syndrome] Walewska I.
Acta Haematol Pol 2:259-64, Jul-Sep 71 (34 ref.) (Eng. Abstr.) **(Pol)**
[Effect of splenectomy on thrombocytopenia] Juvara I, et al.
Chirurgia (Bucur) 20:1057-74, Dec 71 (Eng. Abstr.) **(Rum)**
[Thrombocytopenic purpura in pregnancy] Lončar S, et al. **Lijec Vjesn** 99:413-6, Aug 72 (Eng. Abstr.) **(Cro)**

FAMILIAL & GENETIC

Platelet factor 3 in Glanzmann's thrombasthenia. Saraya AK, et al.
Acta Haematol (Basel) 48:116-24, 1972
Metabolic disorders of platelets. Hellem AJ.
Adv Intern Med 17:171-87, 1971 (69 ref.)
Plasma protein requirements for human platelet aggregation. Bang NU, et al.
Ann NY Acad Sci 201:280-99, 27 Oct 72
Platelet-function studies in the Bernard-Soulier syndrome. Bithell TC, et al.
Ann NY Acad Sci 201:145-60, 27 Oct 72
Idiopathic thrombocytopenic purpura in identical twins. Norris AD. **Br J Clin Pract** 27:95-7, Mar 73
The clinical relevance of platelet function tests. McBride JA, et al.
Br J Haematol 23:Suppl:201-8, Sep 72 (36 ref.)
Hereditary giant platelet syndrome: a disorder of a new aspect of platelet function. Howard MA, et al.
Br Med J 2:586-8, 9 Jun 73
Neonatal isoimmune purpura: response to platelet infusions. McIntosh S, et al. **J Pediatr** 82:1020-7, Jun 73
Glanzmann's thrombasthenia and reduced glutathione. Beutler E. **N Engl J Med** 287:1094-5, 23 Nov 72
Deficiency of glutathione peroxidase associated with high levels of reduced glutathione in glanzmann's thrombasthenia. Karpatkin S, et al.
N Engl J Med 287:1062-6, 23 Nov 72
Interaction between platelets and von Willebrand factor provides a new scheme for primary haemostasis. Caen JP, et al.
Nature [New Biol] 244:159-60, 1 Aug 73
A case of thrombasthenia with a study of platelet aggregation by hydrogen peroxide (H 2 O 2). Higashi O, et al. **Tohoku J Exp Med** 106:399-409, Apr 72
Platelet transfusions: shortened survival of HL-A-identical platelets and failure of in vitro detection of anti-platelet antibodies after multiple transfusions. Bucher U, et al. **Vox Sang** 25:187-92, 1973
[Efficiency and limits of platelet function tests in the diagnosis of hemorrhagic diathesis] Linker H, et al.
Internist (Berlin) 14:143-8, Apr 73 **(Ger)**

[Von-Willebrand-Jürgens syndrome] Winckelmann G. **Med Klin** 68:37-42, 12 Jan 73 **(Ger)**

[Blood platelet diseases] Winckelmann G. **Med Klin** 68:31-6, 12 Jan 73 (56 ref.) **(Ger)**

[Clinical forms and therapy of thrombopenic syndromes] Ricca M, et al. **Minerva Pediatr** 24:1404-30, 15 Sep 72 **(Ita)**

[Congenital thrombopathies] Outeiriño Hernanz J, et al. **Rev Clin Esp** 128:93-100, 31 Jan 73 (35 ref.) **(Spa)**

IMMUNOLOGY

Immune thrombocytopenia due to a metabolite of para-aminosalicylic acid. Eisner EV, et al. **Am J Med** 53:790-6, Dec 72

Cellular immunity to platelets in idiopathic thrombocytopenic purpura. Wybran J, et al. **Blood** 40:856-61, Dec 72

The use of platelet serotonin release as a sensitive method for detecting anti-platelet antibodies and a plasma anti-platelet factor in patients with idiopathic thrombocytopenic purpura. Hirschman RJ, et al. **Br J Haematol** 24:793-802, Jun 73

Detection of splenic anti-platelet antibody synthesis in idiopathic autoimmune thrombocytopenic purpura (ATP). Karpatkin S, et al. **Br J Haematol** 23:167-76, Aug 72

The assessment of drug-dependent and isoimmune antiplatelet antibodies by the use of platelet aggregometry. Deykin D, et al. **J Clin Invest** 51:3142-53, Dec 72

Thrombocytopenic purpura as the sole manifestation of a recurrence of Hodgkin's disease. Hamilton PJ, et al. **J Clin Pathol** 26:70-2, Jan 73

Site of action of a serum inhibitor of erythropoiesis. Zalusky R, et al. **J Lab Clin Med** 81:867-75, Jun 73

Neonatal isoimmune purpura: response to platelet infusions. McIntosh S, et al. **J Pediatr** 82:1020-7, Jun 73

Stimulation of nonimmunized lymphocytes by platelet-antibody complexes in idiopathic thrombocytopenic purpura. Handin RI, et al. **N Engl J Med** 289:714-8, 4 Oct 73

Surface-bound immunoglobulin on lymphocytes from normal and immunodeficient humans. Froland SS, et al. **Scand J Immunol** 1:1-12, 1972

Utilization of the platelet release reaction to measure ITP factor and platelet antibodies. Hirschman RJ, et al. **Trans Assoc Am Physicians** 85:325-34, 1972

[Immunologic blood diseases] Vuopio P. **Duodecim** 89:205-17, 1973 **(Fin)**

[Hyperthyroidism--thrombopenic purpura--vitiligo] Godeau P, et al. **Ann Med Interne (Paris)** 124:327-31, Apr 73 **(Fre)**

[Immunosuppressive therapy in hematology] Stacher A. **Folia Haematol (Leipz)** 97:129-38, 1972 (Eng. Abstr.) **(Ger)**

[Immunofluorescence in internal medicine] Storch W. **Z Gesamte Inn Med** 27:1061-7, 15 Dec 72 (200 ref.) (Eng. Abstr.) **(Ger)**

[Thrombocytopenia caused by drugs or just following drugs] Ballerini G. **Haematologica (Pavia)** 57:307-38, 1972 (89 ref.) (Eng. Abstr.) **(Ita)**

[Idiopathic thrombopenic purpura] Yasunaga K. **Jap J Clin Hematol** 13:504-9, Aug 72 **(Jap)**

[Post-transfusion autoimmune thrombocytopenia purpura syndrome] Walewska I. **Acta Haematol Pol** 2:259-64, Jul-Sep 71 (34 ref.) (Eng. Abstr.) **(Pol)**

[Complex immunomorphological study of thrombocytes in the diagnosis of thrombocytopathies and of the possibility of complex therapy] Germanov VA, et al. **Lab Delo** 12:750-3, 1972 **(Rus)**

[Immunosuppressive therapy in idiopathic thrombopenic purpura. Results obtained with the use of azothioprine in 24 cases in children] Ortega JJ, et al. **Sangre (Barc)** 18:48-9, 1973 (Eng. Abstr.) **(Spa)**

METABOLISM

Infectious mononucleosis with thrombocytopenic purpura. Selroos O. **Acta Med Scand** 192:471-4, Nov 72

MORTALITY

Pathology of isoimmune purpura thrombocytopenica in piglets. Andersen S, et al. **Nord Vet Med** 25:211-9, Apr-May 73

OCCURRENCE

Onyalai (a form of idiopathic thrombocytopenic purpura) in the United States. A report of two patients. Harris MB, et al. **Clin Pediatr (Phila)** 11:705-7, Dec 72

PATHOLOGY

Enzymatic abnormalities in megakaryocytes. Kass L. **Acta Haematol (Basel)** 49:193-9, 1973

Splenic histiocytosis associated with thrombocytopenia. Summerell JM, et al. **Acta Haematol (Basel)** 48:34-8, 1972

Pathology of splenic lymphoma. Davey FR, et al. **Am J Clin Pathol** 59:95-103, Jan 73

Idiopathic thrombocytopenic purpura in children: results of steroid therapy and splenectomy. Beham ES, et al. **Aust Paediatr J** 8:311-7, Dec 72

Idiopathic thrombocytopenia after treatment with steroids and immunosuppressives. Goebel KM, et al. **Chemotherapy** 18:112-8, 1973

An ultrastructural study of ropalocytosis in human blood and bone marrow. Skinnider LF, et al. **J Pathol** 109:1-5, Jan 73

Measurements of cardiac size, chamber volumes and valve orifices at autopsy. Hutchins GM, et al. **Johns Hopkins Med J** 133:96-106, Aug 73

Pathology of isoimmune purpura thrombocytopenica in piglets. Andersen S, et al. **Nord Vet Med** 25:211-9, Apr-May 73

[Peculiar morphologic aspects of splenic reticular cells during hemolytic anemia] Foa C, et al. **C R Soc Biol (Paris)** 166:127-31, 1972 **(Fre)**

[Radiometric indices and splenectomy in the hepatic form of essential thrombopenia] Dimitrow L, et al. **Blut** 26:134-40, Feb 73 (Eng. Abstr.) **(Ger)**

[A light and phase contrast study of the thrombocytes of children with thrombocytopenic purpura] Lakina SK, et al. **Lab Delo** 7:424-6, 1972 **(Rus)**

PHYSIOPATHOLOGY

Hypersplenism. **Calif Med** 118:24-9, Jan 73

[Kinetics of thrombocytes and splenectomy] Gehrmann G. **Blut** 25:229-34, Oct 72 **(Ger)**

[Various indices of thrombocytopoiesis in children with Werlhof's disease] Zubova VA, et al. **Lab Delo** 9:569-71, 1972 **(Rus)**

RADIOGRAPHY

[Radiation therapy of the Kasabach-Merritt syndrome] Riedl P, et al. **Fortschr Geb Roentgenstr Nuklearmed** 119:119-22, Jul 73 (Eng. Abstr.) **(Ger)**

[Thrombocytopenic purpura following thorotrast administration. Case report on late thorotrast induced lesion] Pape U, et al. **Hautarzt** 24:254-7, Jun 73 **(Ger)**

SURGERY

Splenic histiocytosis associated with thrombocytopenia. Summerell JM, et al. **Acta Haematol (Basel)** 48:34-8, 1972

Infectious mononucleosis with thrombocytopenic purpura. Selroos O. **Acta Med Scand** 192:471-4, Nov 72

Idiopathic thrombocytopenic purpura. Long-term results of treatment and the prognostic significance of response to corticosteroids. Thompson RL, et al. **Arch Intern Med** 130:730-4, Nov 72

Idiopathic thrombocytopenia after treatment with steroids and immunosuppressives. Goebel KM, et al. **Chemotherapy** 18:112-8, 1973

Thrombocytopenic purpura as the sole manifestation of a recurrence of Hodgkin's disease. Hamilton PJ, et al. **J Clin Pathol** 26:70-2, Jan 73

[Radiometric indices and splenectomy in the hepatic form of essential thrombopenia] Dimitrow L, et al. **Blut** 26:134-40, Feb 73 (Eng. Abstr.) **(Ger)**

[Problems in Evan's syndrome. Clinical and nuclear medicine studies] Heck J, et al. **Dtsch Med Wochenschr** 98:1163-8, 8 Jun 73 (Eng. Abstr.) **(Ger)**

[Splenic contraction due to adrenalin as a possible diagnostic test before splenectomy in subjects with a thrombopenic hemorrhagic syndrome] Cacciola E, et al. **Haematologica (Pavia)** 58:196-202, 1973 (Eng. Abstr.) **(Ita)**

[Changes of serum haptoglobin after splenectomy in hereditary spherocytosis and idiopathic thrombocytopenic purpura] Oshiro T, et al. **Jap J Clin Hematol** 14:18-28, Jan 73 (Eng. Abstr.) **(Jap)**

[Effect of splenectomy on thrombocytopenia] Juvara I, et al. **Chirurgia (Bucur)** 20:1057-74, Dec 71 (Eng. Abstr.) **(Rum)**

[The relationship between splenectomy and changes in the hemodynamics of patients with hematologic diseases] Demidiuk PF, et al. **Klin Khir** 8:65-9, Aug 72 **(Rus)**

[Thrombocytopenic purpura in pregnancy] Lončar S, et al. **Lijec Vjesn** 99:413-6, Aug 72 (Eng. Abstr.) **(Cro)**

THERAPY

Idiopathic thrombocytopenic purpura. Long-term results of treatment and the prognostic significance of response to corticosteroids. Thompson RL, et al. **Arch Intern Med** 130:730-4, Nov 72

Idiopathic thrombocytopenic purpura in children: results of steroid therapy and splenectomy. Beham ES, et al. **Aust Paediatr J** 8:311-7, Dec 72

Neonatal isoimmune purpura: response to platelet infusions. McIntosh S, et al. **J Pediatr** 82:1020-7, Jun 73

Stimulation of nonimmunized lymphocytes by platelet-antibody complexes in idiopathic thrombocytopenic purpura. Handin RI, et al. **N Engl J Med** 289:714-8, 4 Oct 73

Management of autoimmune thrombocytopenia in pregnancy and in the neonate. Territo M, et al. **Obstet Gynecol** 41:579-84, Apr 73

Advances in the treatment of blood disorders. Jacobs A, et al. **Practitioner** 209:496-503, Oct 72 (18 ref.)

Idiopathic thrombocytopenic purpura. Joffe SN. **S Afr J Surg** 11:91-2, Jun 73

[Kinetics of thrombocytes and splenectomy] Gehrmann G. **Blut** 25:229-34, Oct 72 **(Ger)**

[Acute thrombocytopenic purpura following virus vaccinations] Cario WR, et al. **Kinderaerztl Prax** 40:448-53, Oct 72 **(Ger)**

[Splenectomy in Werlhof's disease during pregnancy] Fink R, et al. **Zentralbl Gynaekol** 95:665-8, 11 May 73 **(Ger)**

[Complex immunomorphological study of thrombocytes in the diagnosis of thrombocytopathies and of the possibility of complex therapy] Germanov VA, et al. **Lab Delo** 12:750-3, 1972 **(Rus)**

[10-year follow-up on the treatment of Werlhof's disease] Todorović M. **Lijec Vjesn** 95:137-40, 1973 (Eng. Abstr.) **(Cro)**

VETERINARY

Haemolytic disease of the newborn, thrombocytopenic purpura and neutropenia occurring concurrently in a litter of piglets. Linklater KA, et al. **Br Vet J** 129:36-46, Jan-Feb 73

Immunologically mediated thrombocytopenia in the dog. Wilkins RJ, et al. **J Am Vet Med Assoc** 163:277-82, 1 Aug 73

Pathology of isoimmune purpura thrombocytopenica in piglets. Andersen S, et al. **Nord Vet Med** 25:211-9, Apr-May 73

Concurrent haemolytic disease of the newborn and thrombocytopenic purpura in piglets without artificial immunisation of the dam. Hall SA, et al. **Vet Rec** 91:677-8, 30 Dec 72

PURPURA, THROMBOTIC THROMBOPENIC

Hematologic problems in pregnancy. II. Thrombotic (thrombohemolytic) thrombocytopenia purpura. Moon EC, et al. **J Reprod Med** 9:212-21, Nov 72

[A case of thrombotic thrombocytopenic purpura] Yamazaki Y, et al. **Jap J Clin Hematol** 14:81-7, Jan 73 (Eng. Abstr.) **(Jap)**

[Moschcowitz's syndrome] Berlinson MIa, et al. **Vopr Okhr Materin Det** 17:80-3, Oct 72 **(Rus)**

BLOOD

Thrombotic thrombocytopenic purpura presenting as eclampsia. Perel ID, et al. **Aust NZ J Obstet Gynaecol** 12:257-62, Nov 72

Microangiopathic haemolytic anaemia (MHA). Brain MC. **Br J Haematol** 23:Suppl:45-52, Sep 72 (70 ref.)

Disseminated intravascular platelet aggregation in thrombotic thrombocytopenic purpura. Neame PB. **Lancet** 1:1320-1, 9 Jun 73

Platelet and fibrinogen consumption in man. Harker LA, et al. **N Engl J Med** 287:999-1005, 16 Nov 72

CHEMICALLY INDUCED

Toxic thrombocytopenic purpura following use of a nonprescription medication. Kohn NN. **J Med Soc NJ** 69:1035-6, Dec 72

COMPLICATIONS

Thrombotic thrombocytopenic purpura as a cause of pancreatitis. Report of a case and review of the literature. Olsen H. **Am J Dig Dis** 18:238-46, Mar 73

Thrombotic thrombocytopenic purpura presenting as eclampsia. Perel ID, et al. **Aust NZ J Obstet Gynaecol** 12:257-62, Nov 72

Thrombocytopenic purpura in cytomegalovirus mononucleosis. Ip H, et al. **Lancet** 2:621, 15 Sep 73

Thrombotic thrombocytopenic purpura and gynaecological manifestations. Yudis M. **Lancet** 1:1445, 23 Jun 73

Neurologic involvement of thrombotic thrombocytopenic purpura, 1972. Aita JA. **Nebr Med J** 58:76-8, Mar 73

Intravascular coagulation--acute and chronic--disseminated and local. McKay DG. **Proc Inst Med Chic** 29:159-71, Sep 72 (29 ref.)

[Malignant nephroangiosclerosis. Development and treatment] Spach MO, et al. **Nouv Presse Med** 1:2103-7, 16 Sep 72 **(Fre)**

[A case of Moschcowitz syndrome associated with a Rickettsia mooseri infection] Cornu G, et al. **Nouv Rev Fr Hematol** 12:903-6, Nov-Dec 72 **(Fre)**

[Syndromes of disseminated intravascular coagulation-from the standpoint of internal medicine] Matsuoka M, et al. **Jap J Clin Med** 31:810-21, Apr 73 (59 ref.) **(Jap)**

DIAGNOSIS

Thrombocytopenic purpura and haemolytic anaemia after influenza vaccination. Symmers WS. **Br Med J** 2:614, 9 Jun 73

Thrombotic thrombocytopenic purpura. **JAMA** 224:Suppl 5:729, 30 Apr 73

Thrombotic thrombocytopenic purpura presenting with gynaecological manifestations. Mitch WE, et al. **Lancet** 1:849-50, 21 Apr 73

Thrombotic thrombocytopenic purpura presenting with gynaecological manifestations. Mitch WE, et al. **Lancet** 808:849-50, 21 Apr 73

Disseminated intravascular platelet aggregation in thrombotic thrombocytopenic purpura. Neame PB. **Lancet** 1:1320-1, 9 Jun 73

Thrombotic thrombocytopenic purpura and gynaecological manifestations. Yudis M. **Lancet** 1:1445, 23 Jun 73

The differential diagnosis of hemolytic anemias. Costea N. **Med Clin North Am** 57:289-302, Mar 73 (65 ref.)

Neurologic involvement of thrombotic thrombocytopenic purpura, 1972. Aita JA. **Nebr Med J** 58:76-8, Mar 73

[Clinical forms and therapy of thrombopenic syndromes in childhood] Lombardo G, et al. **Minerva Pediatr** 24:1331-403, 15 Sep 72 **(Ita)**

[Principles of general diagnosis in blood platelet deficiency syndromes] Santangelo G. **Minerva Pediatr** 24:1291-9, 8 Sep 72 **(Ita)**

[A case of thrombotic thrombocytopenic purpura] Yamazaki Y, et al. **Jap J Clin Hematol** 14:81-7, Jan 73 (Eng. Abstr.) **(Jap)**

[Leptospirosis presenting as thrombotic thrombopenic purpura] Wierzbowska A, et al. **Wiad Lek** 26:359-62, 15 Feb 73 **(Pol)**

DRUG THERAPY

Infectious mononucleosis with thrombocytopenic purpura. Seiroos O. **Acta Med Scand** 192:471-4, Nov 72

Thrombotic thrombocytopenic purpura presenting as eclampsia. Perel ID, et al. **Aust NZ J Obstet Gynaecol** 12:257-62, Nov 72

Treatment of thrombotic thrombocytopenic purpura with antiplatelet drugs. Amir J, et al. **Blood** 42:27-33, Jul 73

Thrombotic thrombocytopenic purpura after influenza vaccination. Brown RC, et al. **Br Med J** 2:303, 5 May 73
Evaluation of azathioprine in autoimmune thrombocytopenia and lupus erythematosus. Goebel KM, et al. **Scand J Haematol** 10:28-34, 1973

ETIOLOGY

Thrombotic thrombocytopenic purpura after influenza vaccination. Brown RC, et al. **Br Med J** 2:303, 5 May 73
Hematologic problems in pregnancy. II. Thrombotic (thrombohemolytic) thrombocytopenia purpura. Moon EC, et al. **J Reprod Med** 9:212-21, Nov 72
[Thrombopenias] Dioguardi N. **Minerva Med** 63:4983-96, 19 Dec 72 **(Ita)**

IMMUNOLOGY

Serum monoclonal immunoglobulins in childhood. Danon F, et al. **Arch Dis Child** 48:207-11, Mar 73
Evaluation of azathioprine in autoimmune thrombocytopenia and lupus erythematosus. Goebel KM, et al. **Scand J Haematol** 10:28-34, 1973
[Immunologic blood diseases] Vuopio P. **Duodecim** 89:205-17, 1973 **(Fin)**
[Moschocowitz's syndrome with IgA deficiency, diagnosed during life] Farkas A, et al. **Orv Hetil** 114:1240-3, 27 May 73 **(Hun)**

MORTALITY

Hematologic problems in pregnancy. II. Thrombotic (thrombohemolytic) thrombocytopenia purpura. Moon EC, et al. **J Reprod Med** 9:212-21, Nov 72

PATHOLOGY

Nuclear "speckling" in thrombotic thrombocytopenic purpura proerythroblasts. Kass L. **Am J Clin Pathol** 59:869-71, Jun 73
Thrombotic thrombocytopenic purpura as a cause of pancreatitis. Report of a case and review of the literature. Olsen H. **Am J Dig Dis** 18:238-46, Mar 73
Thrombotic thrombocytopenic purpura presenting as eclampsia. Perel ID, et al. **Aust NZ J Obstet Gynaecol** 12:257-62, Nov 72
Treatment of thrombotic thrombocytopenic purpura with antiplatelet drugs. Amir J, et al. **Blood** 42:27-33, Jul 73
Thrombotic thrombocytopenic purpura. **JAMA** 224:Suppl 5:729, 30 Apr 73
[Moschcowitz's syndrome in neurosurgical differential diagnosis] Schwesinger G, et al. **Zentralbl Neurochir** 33:137-41, 1972 (Eng. Abstr.) **(Ger)**

SURGERY

Treatment of thrombotic thrombocytopenic purpura with antiplatelet drugs. Amir J, et al. **Blood** 42:27-33, Jul 73

THERAPY

Hematologic problems in pregnancy. II. Thrombotic (thrombohemolytic) thrombocytopenia purpura. Moon EC, et al. **J Reprod Med** 9:212-21, Nov 72

SHWARTZMAN PHENOMENON

Primary sclerosing cholangitis: case report and review of the literature. Brantigan CO, et al. **Am Surg** 39:191-8, Apr 73 (53 ref.)
Isolation of a phenol-soluble endotoxin from Leptotrichia buccalis. Knox KW, et al. **Arch Oral Biol** 18:85-93, Jan 73
Local and generalized Shwartzman reaction induced in rats with 6-sulfanilamidoindazole arthritis. Ward JR, et al. **Arthritis Rheum** 16:491-8, Jul-Aug 73
Inhibition of the generalized Shwartzman reaction by hypofibrinogenemia. Bell WR, et al. **Blood** 40:697-708, Nov 72
Thrombogenic activity of leukocytes. Niemetz J, et al. **Blood** 42:47-59, Jul 73
Comparison between the polymyxins and gentamicin in preventing endotoxin-induced intravascular coagulation and leukopenia. Corrigan JJ Jr, et al. **Infect Immun** 4:563-6, Nov 71
Isolation and purification of endotoxin by hydrolytic enzymes. Lehrer S, et al. **Infect Immun** 6:928-33, Dec 72
Serological studies of Haemophilus influenzae. 3. The endotoxic effect of various antigen preparations and the relation between this effect and demonstrable precipitinogens. Branefors-Helander P. **Int Arch Allergy Appl Immunol** 44:585-600, 1973
Purpura fulminans. Urbaniak JR, et al. **J Bone Joint Surg [Am]** 55:69-77, Jan 73
Fate of endotoxin in macrophages: biological and ultrastructural aspects. Bona CA. **J Infect Dis** 128:Suppl:74-81, Jul 73
Treatment and prevention of intravascular coagulation with antiserum to endotoxin. Braude AI, et al. **J Infect Dis** 128:Suppl:157-64, Jul 73
Comparative biological activity of endotoxin and synthetic polyribonucleotides. Han IH, et al. **J Infect Dis** 128:Suppl:232-7, Jul 73
Evidence for participation of granulocytes in the pathogenesis of the generalized Shwartzman reaction: a review. Horn RG. **J Infect Dis** 128:Suppl:134-43, Jul 73 (49 ref.)
Studies on endotoxin-like substances in Yoshida sarcoma cells. Kodama M, et al. **Jap J Med Sci Biol** 26:3-6, Feb 73
Exchange transfusion experiments in rats inducing intravascular coagulation. Theiss W, et al. **Surg Gynecol Obstet** 135:713-6, Nov 72
Vessel wall and thrombogenesis--endotoxin. McKay DG. **Thromb Diath Haemorrh** 29:11-26, 28 Feb 73
[Unilateral cortical necrosis with ureteral stenosis and sac-like aneurysm of the artery on the side of the protected kidney. A case] Morin Y, et al. **Nouv Presse Med** 2:635-7, 10 Mar 73 (Eng. Abstr.) **(Fre)**
[Changes in the kidney in generalized Shwartzman phenomenon induced by Na-polyanetholsulfonate. Electron microscopic study] Ormos J, et al. **Morphol Igazsagugyi Orv Sz** 12:184-93, Jul 72 (Eng. Abstr.) **(Hun)**
[Experimental studies on plasma expanders affecting Shwartzman type tissue reaction] Goto Y, et al. **Jap J Anesthesiol** 21:740-6, Aug 72 (Eng. Abstr.) **(Jap)**
[Disseminated intravascular blood clotting in blood diseases] Uszyński L. **Acta Haematol Pol** 2:253-7, Jul-Sep 71 (44 ref.) **(Pol)**
[The Sanarelli--Shwartzman phenomenon and its role in obstetric practice] Mirovich DIu. **Pediatr Akush Ginekol** 3:51-3, May-Jun 72 **(Ukr)**

BLOOD

The generalized Shwartzman reaction in pigs induced by diet and single injection of disintegrated cells or partially purified endotoxin from Escherichia coli. Teige J Jr, et al. **Acta Vet Scand** 14:92-106, 1973
Coagulation changes induced by endotoxin and purified contact activation product. Barth P, et al. **Thromb Diath Haemorrh** 28:280-8, 31 Oct 72
[The role of leukocytes in Sanarelli-Shwartzman reaction] Pituch A. **Przegl Lek** 29:840-1, 1972 **(Pol)**

CHEMICALLY INDUCED

Preparation of local Shwartzman reaction by means of platelet rich plasma. Tóth S, et al. **Acta Physiol Acad Sci Hung** 42:163-8, 1972
The role of pregnancy in the induction of the generalized Shwartzman reaction. Müller-Berghaus G, et al. **Am J Obstet Gynecol** 114:847-9, 1 Dec 72
Induction of the generalized Shwartzman reaction in pregnant and nonpregnant rats by colchicine. Müller-Berghaus G, et al. **Am J Pathol** 69:131-8, Oct 72
Augmentation of endotoxin-induced fibrin deposits by pregnancy and estrogen-progesterone treatment. Beller FK, et al. **Gynecol Invest** 3:176-83, 1972
Renal cortical fibrinolytic activity in the rabbit following one or two doses of endotoxin. Bergstein JM, et al. **Thromb Diath Haemorrh** 29:27-32, 28 Feb 73
[Fibrin monomers and the Sanarellis-Schwartzman phenomenon] Müller-Berghaus G, et al. **Verh Dtsch Ges Inn Med** 77:161-4, 1971 **(Ger)**

COMPLICATIONS

Dermatohistopathology of chronic gonococcal sepsis. Shapiro L, et al. **Arch Dermatol** 107:403-6, Mar 73
Role of ureteric pressure in protecting the kidney against cortical necrosis during the Sanarelli-Shwartzman reaction: an argument in favour

of the primary role of vascular spasm in the mechanism of cortical necrosis. Watchi JM, et al. **Rev Eur Etud Clin Biol** 17:982-7, Dec 72

[Noma or forgotten ugliness. Clinical study and pathogenesis apropos of 6 cases at Fort-Lamy (Chad)] Sirol J, et al.
Ann Dermatol Syphiligr (Paris) 99:511-6, 1972 (Eng. Abstr.) (Fre)

[Experimental studies on the problem of local Shwartzman phenomenon in the skin. V. Observations on the significance of blood coagulation disorders during provocation of the phenomenon in an endotoxin-free guinea pig model] Illig L, et al. **Arch Dermatol Forsch** 246:11-26, 29 Jan 73 (Eng. Abstr.) (Ger)

[Experience with the administration of heparin for the prevention of the Sanarelli-Shwartzman reaction (SSP) in cases of septic abortions] Koch HH, et al. **Geburtshilfe Frauenheilkd** 33:460-3, Jun 73 (Eng. Abstr.) (Ger)

[Animal experiment studies on the release mechanism of consumption coagulopathy due to immunologic reactions] Mueller-Eckhardt C, et al.
Verh Dtsch Ges Inn Med 77:1157-9, 1971 (Ger)

[Functional condition of the blood coagulation system in patients with meningococcemia with a shock] Lisukova TE, et al.
Klin Med (Mosk) 51:120-5, Apr 73 (Eng. Abstr.) (Rus)

ETIOLOGY

The generalized Shwartzman reaction in pigs induced by diet and single injection of disintegrated cells or partially purified endotoxin from Escherichia coli. Teige J Jr, et al. **Acta Vet Scand** 14:92-106, 1973

The effect of thorotrast and cortisone on renal cortical fibrinolytic activity in the rabbit. Bergstein JM, et al. **Am J Pathol** 71:113-8, Apr 73

Disseminated intravascular coagulation induced with leukocyte procoagulant. Kociba GJ, et al. **Am J Pathol** 69:407-20, Dec 72

[So-called thrombotic microangiopathy of the kidney with bilateral kidney cortex necrosis during hemolytic-uremic (nephropathic) syndrome in a child] Schöne D, et al.
Dtsch Gesundheitsw 27:1547-51, 17 Aug 72 (Eng. Abstr.) (Ger)

[Smallpox: vaccination and incubation vaccination] Richter KH, et al.
Fortschr Med 90:902-6, 14 Sep 72 (Ger)

[Local Shwartzman reaction following infections with gram positive diplococci (pneumococci)] Jüngst BK.
Paediatr Grenzgeb 11:253-8, 1972 (Ger)

[Animal experiments on isolated gallbladder necrosis] Vorster C, et al.
Zentralbl Chir 97:1847-50, 23 Dec 72 (Ger)

[The allergenic properties of chlorella] Pukhova IaI, et al.
Kosm Biol Med 6:23-8, Jan-Feb 72 (Eng. Abstr.) (Rus)

IMMUNOLOGY

The role of pregnancy in the induction of the generalized Shwartzman reaction. Müller-Berghaus G, et al. **Am J Obstet Gynecol** 114:847-9, 1 Dec 72

The effects of immune complexes on blood platelets and their relationship to complement activation. Pfueller SL, et al.
Immunochemistry 9:1151-65, Nov 72 (152 ref.)

[Experimental studies on the problem of local Shwartzman phenomenon in the skin. V. Observations on the significance of blood coagulation disorders during provocation of the phenomenon in an endotoxin-free guinea pig model] Illig L, et al. **Arch Dermatol Forsch** 246:11-26, 29 Jan 73 (Eng. Abstr.) (Ger)

[Local Sanarelli-Shwartzman rection produced with human leukemic cells in rats] Lisiewicz J, et al.
Med Dosw Mikrobiol 25:111-7, 1973 (Eng. Abstr.) (Pol)

[Biological activity of bacterial endotoxins] Skopinska E.
Postepy Hig Med Dosw 27:341-64, May-Jun 73 (Eng. Abstr.) (Pol)

[Mechanism of formation of true and false allergic reactions] Saakov BA, et al.
Biull Eksp Biol Med 73:28-35, Sep 72 (Eng. Abstr.) (Rus)

[The allergenic properties of chlorella] Pukhova IaI, et al.
Kosm Biol Med 6:23-8, Jan-Feb 72 (Eng. Abstr.) (Rus)

METABOLISM

Fibrinogen and albumin catabolism in experimental pancreatitis in the rat. Wardle EN.
J Surg Res 15:122-31, Aug 73

[Acneiform exanthema in acute infectious hepatitis] Dieckhoff D.
Z Gastroenterol 10:483-8, Oct 72 (Eng. Abstr.) (Ger)

PATHOLOGY

The generalized Shwartzman reaction in pigs induced by diet and single injection of disintegrated cells or partially purified endotoxin from Escherichia coli. Teige J Jr, et al. **Acta Vet Scand** 14:92-106, 1973

The effect of thorotrast and cortisone on renal cortical fibrinolytic activity in the rabbit. Bergstein JM, et al. **Am J Pathol** 71:113-8, Apr 73

Ocular changes in the generalized Shwartzman reaction. Howes EL Jr, et al.
Arch Ophthalmol 90:218-24, Sep 73

Intravital microscopy and histology of the generalized Shwartzman reaction in rabbits passively tolerant to endotoxin. Böttcher D, et al.
Beitr Pathol 149:121-6, Jun 73

The role of granulocytes in endotoxin-induced vascular injury. Gaynor E. **Blood** 41:797-808, Jun 73

[Pathological anatomy of Waterhouse-Friderichsen syndrome with special reference to disseminated intravascular coagulation] Harms D, et al.
Dtsch Med Wochenschr 98:542-7, 16 Mar 73 (Eng. Abstr.) (Ger)

PHYSIOPATHOLOGY

[Experimental studies on the problem of local Shwartzman phenomenon in the skin. V. Observations on the significance of blood coagulation disorders during provocation of the phenomenon in an endotoxin-free guinea pig model] Illig L, et al. **Arch Dermatol Forsch** 246:11-26, 29 Jan 73 (Eng. Abstr.) (Ger)

[Functional and morphological changes of the lung during shock] Mittermayer C, et al.
Langenbecks Arch Chir 329:664-70, Dec 71 (Eng. Abstr.) (Ger)

[Pathogenesis of the septic-toxic shock] Bartel J.
Z Aerztl Fortbild (Jena) 66:753-8, 1 Aug 72 (49 ref.) (Ger)

PREVENTION & CONTROL

Prevention of the generalized Schwartzman reaction by glucocorticoids. Latour JG, et al.
Am J Obstet Gynecol 113:863-7, 1 Aug 72

Prevention of the liquoid-induced consumption coagulopathy by the protease inhibitor aprotinin. Müller-Berghaus G, et al.
Thromb Diath Haemorrh 27:396-406, 31 Jul 72

[Experience with the administration of heparin for the prevention of the Sanarelli-Shwartzman reaction (SSP) in cases of septic abortions] Koch HH, et al. **Geburtshilfe Frauenheilkd** 33:460-3, Jun 73 (Eng. Abstr.) (Ger)

VETERINARY

Fibrinous colitis in swine, a manifestation of Schwartzman reaction? Nordstoga K.
Vet Rec 92:698, 30 Jun 73

STREPTODORNASE AND STREPTOKINASE

Defective mononuclear leukocyte chemotaxis: a previously unrecognized immune dysfunction. Studies in a patient with chronic mucocutaneous candidiasis. Snyderman R, et al.
Ann Intern Med 78:509-13, Apr 73

Impaired delayed hypersensitivity in juvenile rheumatoid arthritis. Höyeraal HM.
Ann Rheum Dis 32:331-6, Jul 73

Effects of alloantibodies on lymphocyte proliferation in vitro. Revillard JP, et al.
Cell Immunol 8:339-55, Sep 73

In vitro correlates of delayed hypersensitivity in man: ambiguity of polymorphonuclear neutrophils as indicator cells in leukocyte migration test. Senyk G, et al. **Infect Immun** 8:370-80, Sep 73

Production of migration inhibitory factor by non-dividing lymphocytes. Rocklin RE. **J Immunol** 110:674-8, Mar 73

Phytohemagglutinin skin test: a possible in vivo measure of cell-mediated immunity. Bonforte RJ, et al. **J Pediatr** 81:775-80, Oct 72

Immunologic studies in acute leukemia. Santos GW, et al. **Natl Cancer Inst Monogr** 37:69-75, Jun 73

The effects of some synthetic compounds on in vitro fibrinolytic activity measured by different methods and the relevance to activity in vivo. Baillie AJ, et al. **Thromb Diath Haemorrh** 28:351-8, 31 Dec 72

Host defense, chemical immunosuppression, and the transplant recipient. Relative effects of intermittent versus continuous immunosuppressive therapy with reference to the objectives of treatment. Hersh EM, et al. **Transplant Proc** 5:1191-5, Sep 73

ADMINISTRATION & DOSAGE

Pitfalls in drip-infusion technique. A new device for automatic control of infusion rate. Gundersen J. **Acta Anaesthesiol Scand** 16:117-22, 1972

Accelerated clearance of radioactive chelate from cerebrospinal fluid in experimental meningitis. Som P, et al. **J Nucl Med** 13:942-4, Dec 72

Direct evidence for rejection of tumour allografts in Str. pyogenes toxins-treated mice correlated with antistreptolysine O level in serum. Mikolášek J. **Neoplasma** 19:507-18, 1972

ANTAGONISTS & INHIBITORS

The inhibition of tissue plasminogen activator and urokinase-induced fibrinolysis by some natural proteinase inhibitors and by plasma and serum from normal and pregnant subjects. Thorsen S. **Scand J Clin Lab Invest** 31:51-9, Jan 73

BIOSYNTHESIS

[Biosynthesis of fibrinolytic enzymes by actinomycetes growing on different media] Egorov NS, et al. **Biol Nauki** 3:89-93, 1972 (Rus)

DIAGNOSTIC USE

Pyoderma gangrenosum with altered cellular immunity and dermonecrotic factor. Delescluse J, et al. **Br J Dermatol** 87:529-32, Dec 72

METABOLISM

Halo nevi and melanoma. Epstein WL, et al. **JAMA** 225:373-7, 23 Jul 73

PHARMACODYNAMICS

Transfer factor therapy in a patient with progressive primary tuberculosis. Whitcomb ME, et al. **Ann Intern Med** 79:161-6, Aug 73

Characterization of human migration inhibitory factor (MIF) from antigen-stimulated lymphocytes. Rocklin RE, et al. **Cell Immunol** 5:436-45, Nov 72

In vitro response of human lymphocytes to Mycoplasma pneumoniae. Fernald GW. **Infect Immun** 5:552-8, Apr 72

Degradation of human fibrinogen by plasms alpha2-macroglobulin-enzyme complexes. Harpel PC, et al. **J Clin Invest** 52:2175-84, Sep 73

Whole-blood culture technique for functional studies of lymphocyte reactivity to mitogens, antigens, and homologous lymphocytes. Pauly JL, et al. **J Lab Clin Med** 82:500-12, Sep 73

The inhibition of tissue plasminogen activator and urokinase-induced fibrinolysis by some natural proteinase inhibitors and by plasma and serum from normal and pregnant subjects. Thorsen S. **Scand J Clin Lab Invest** 31:51-9, Jan 73

Responses of appendix and peripheral blood lymphocytes to stimulation with various mitogens. Jubert AV, et al. **Surg Gynecol Obstet** 136:567-73, Apr 73

Blocking antibodies eluted from human placenta. Bonneau M, et al. **Transplant Proc** 5:589-92, Mar 73

Changes in human mixed lymphocyte culture reactivity as an indicator of kidney rejection. Hattler BG Jr, et al. **Transplant Proc** 4:655-7, Dec 72

PHYSIOLOGY

A new method based on one dimensional diffusion using small glass tubes for the measurement of fibrinolytic activity. I. Fibrinolytic activity of plasmin and "euglobulin + streptokinase". Yasukouchi T, et al. **Thromb Diath Haemorrh** 28:329-41, 31 Dec 72

THERAPEUTIC USE

Pitfalls in drip-infusion technique. A new device for automatic control of infusion rate. Gundersen J. **Acta Anaesthesiol Scand** 16:117-22, 1972

Intraventricular septations complicating neonatal meningitis. Schultz P, et al. **J Neurosurg** 38:620-6, May 73

Urokinase in pulmonary embolism. **Lancet** 1:1427-8, 23 Jun 73

Streptokinase-streptodornase in the treatment of minor injuries. Matta M, et al. **Practitioner** 209:343-5, Sep 72

[Treatment of pulmonary atelectasis with a Bulgarian enzyme preparation] Topalov I, et al. **Khirurgiia (Sofiia)** 26:17-21, 1973 (Eng. Abstr.) (Bul)

STREPTOKINASE

Immunoelectrophoretic study on the Postmortem cadaver blood in sudden death. Haba K. **Acta Haematol Jap** 34:219-27, Apr 71

Tissue transamidases, fibrin stabilization and clot lysis. Tyler HM. **Ann NY Acad Sci** 202:273-85, 8 Dec 72 (39 ref.)

Evaluation of streptozyme and antistreptolysin O tests in streptococcal pyodermal nephritis. Bergner-Rabinowitz S, et al. **Appl Microbiol** 26:56-8, Jul 73

Fibrinolysis and haemostasis. Castaldi PA, et al. **Aust NZ J Med** 2:113-7, May 72

Multiplicity of rabbit plasminogen. Physical characterization. Sodetz JM, et al. **Biochemistry** 11:4451-8, 21 Nov 72

Differentiation of trypsin-like enzymes in human plasma. Gullick HD. **Clin Chem** 18:1385-94, Nov 72

Streptokinase: a review of its clinical pharmacology, mechanism of action and therapeutic uses. Brogden RN, et al. **Drugs** 5:357-445, 1973 (260 ref.)

Identification of modified streptokinase as the activator of bovine and human plasminogen. Taylor FB Jr, et al. **J Biol Chem** 248:1127-34, 25 Feb 73

The mechanism of action of sstreptokinase. Heimburger N. **J Clin Pathol** 25:632-3, Jul 72

The fibrinolytic pathway of human plasma. Isolation and characterization of the plasminogen proactivator. Kaplan AP, et al. **J Exp Med** 136:1378-93, 1 Dec 72

Study of the 2 macroglobulin-plasmin interaction mechanism. Steinbuch M, et al. **Pathol Biol (Paris)** Suppl:52-5, Dec 72

Cold promoted activation of Factor VII. V. Relation to the fibrinolytic system. Gjonnaess H. **Thromb Diath Haemorrh** 29:143-53, 28 Feb 73

Fibrin-I degradation products with a molecular weight higher than that of fibrinogen. Identification and characterization of in vitro products from human plasma. Hugo R von, et al. **Thromb Diath Haemorrh** 29:122-9, 28 Feb 73

[Value and limitations of present methods of medicolegal identification of blood stains] Muller PH, et al. **Med Leg Domm Corpor (Paris)** 5:3-35, Jan-Mar 72 (268 ref.) (Fre)

[Investigations on viscosity in -globulins and the effect of streptokinase] Leonhardt H, et al. **Clin Chim Acta** 45:129-34, 30 Apr 73 (Eng. Abstr.) (Ger)

[Reaction kinetics of activator formation in streptokinase-induced fibrinolysis] Martin M. **Verh Dtsch Ges Inn Med** 78:717-9, 1972 (Ger)

[Antibodies to streptozyme and antistreptolysin O in acute glomerulonephritis following streptococcal skin infection] Ofek I, et al. **Harefuah** 83:414-5, 15 Nov 72 (Eng. Abstr.) (Heb)

[Proactivator-activator system in human plasma fibrinolysis: studies on the synthetic fibrinolytic system composed of functionally pure fibrinogen, plasminogen and proactivator, separated from human plasma] Okamoto U. **J Physiol Soc Jap** 34:147-55, Mar 72 (Eng. Abstr.) (Jap)

ADMINISTRATION & DOSAGE

Conservative management of thrombo-embolism. Flute PT. **Br J Surg** 59:834-6, Oct 72

Streptokinase therapy in deep-vein thrombosis. Mavor GE, et al. **Br J Surg** 60:468-74, Jun 73

Treatment of massive pulmonary embolism. Mavor GE, et al. **Br Med J** 1:175-6, 20 Jan 73

Potentation of thrombolysis by a sulfhydryl inhibitor. Moschos CB, et al. **Cardiovasc Res** 6:556-61, Sep 72

Comparison of the action of heparin and streptokinase on experimental pulmonary emboli in the dog. Vellar ID, et al. **Cardiovasc Res** 6:734-40, Nov 72

Streptokinase: a review of its clinical pharmacology, mechanism of action and therapeutic uses. Brogden RN, et al. **Drugs** 5:357-445, 1973 (260 ref.)

The present status of thrombolytic agents. Verstraete M. **Drugs** 5:353-6, 1973

Coagulation studies and streptokinase therapy in the haemolytic-uraemic syndrome. Monnens L, et al. **Helv Paediatr Acta** 27:45-54, Apr 72

Accelerated clearance of radioactive chelate from cerebrospinal fluid in experimental meningitis. Som P, et al. **J Nucl Med** 13:942-4, Dec 72

[30 cases of acute pulmonary embolism treated with streptokinase] Benaim R, et al.
Nouv Presse Med 2:581, 3 Mar 73 (Fre)

[Thrombolytic treatments] Samama M, et al.
Rev Prat 22:Suppl:96-100, 25 Nov 72 (Fre)

[Thrombolysis] Marcel GA.
Therapeutique 48:591-3, Nov 72 (Fre)

[Short-term fibrinolytic treatment in acute myocardial infarction] Breddin K, et al.
Dtsch Med Wochenschr 98:861-73, 27 Apr 73 (Eng. Abstr.) (Ger)

[Continuous rinse-suction drainage using streptokinase in purulent-fibrinous peritonitis] Mühe E, et al. **Med Monatsschr** 27:223-6, May 73 (Ger)

[Theoretical and clinical aspects of streptokinase therapy] Lübcke P, et al.
Med Welt 23:1747-9, 18 Nov 72 (Ger)

[Effect of fibrinolytics and antifibrinolytics on wound healing. Experimental study] Wilde J, et al.
Z Exp Chir 4:241-7, 1971 (Eng. Abstr.) (Ger)

[Use of hydrocortisone in periodic hemodialysis] Legnani F.
Minerva Med 63:4320-3, 7 Nov 72 (Eng. Abstr.) (Ita)

[Principles of thrombolytic treatment] Judkiewicz L, et al. **Pol Tyg Lek** 27:1011-3, 26 Jun 72 (27 ref.) (Pol)

[Studies on the use of fibrinolytic agents in the treatment of acute myocardial infarct. I. Basic principles, possibilities and limitations] Saad EA.
Arq Bras Cardiol 25:427-38, Oct 72 (Por)

[Study on the use of fibrinolytics in the treatment of acute myocardial infarct. II. Personal experience] Saad EA, et al.
Arq Bras Cardiol 25:491-502, Dec 72 (Eng. Abstr.) (Por)

[Dosage and laboratory control in thrombolytic therapy with streptokinase] Donner L.
Kardiologiia 12:36-9, Nov 72 (Eng. Abstr.) (Rus)

[Experimental thrombolysis] Shumakov VI, et al.
Kardiologiia 12:88-91, Feb 72 (Eng. Abstr.) (Rus)

ADVERSE EFFECTS

In situ lysis of coronary thrombus. Ikram H, et al.
Am J Cardiol 32:245-6, Aug 73

Streptokinase: a review of its clinical pharmacology, mechanism of action and therapeutic uses. Brogden RN, et al. **Drugs** 5:357-445, 1973 (260 ref.)

Thrombolytic therapy in chronic arterial occlusions. Deutsch E, et al. **J Clin Pathol** 25:644, Jul 72

Streptokinase therapy for deep vein thrombosis. Flute PT. **J Clin Pathol** 25:640-1, Jul 72

Treatment of chronic arterial occlusions with streptokinase. Poliwoda H.
J Clin Pathol 25:642-3, Jul 72

Some experiments with streptokinase in recent aortic prosthese in dogs and cats. Samama M, et al.
J Clin Pathol 25:652, Jul 72

Observations of enzyme elevations in the serum during streptokinase treatment. Schmidt E, et al.
J Clin Pathol 25:650-2, Jul 72

Thrombolytic treatment of recent arterial occlusion. Verstraete M. **J Clin Pathol** 25:641-2, Jul 72

Haemolytic-uraemic syndrome: thrombocyturia after treatment with streptokinase and aspirin. Sutor AH, et al. **Lancet** 2:762, 7 Oct 72

Streptokinase in myocardial infarction.
Lancet 1:480, 3 Mar 73

[30 cases of acute pulmonary embolism treated with streptokinase] Benaim R, et al.
Nouv Presse Med 2:581, 3 Mar 73 (Fre)

[Thrombolysis] Marcel GA.
Therapeutique 48:591-3, Nov 72 (Fre)

[Hemorrhagic heart infarctions] Lübcke P.
Dtsch Med Wochenschr 97:1473-4, 29 Sep 72 (Ger)

[Acute bacterial infection--contraindication to a streptokinase therapy in pregnancy] Freundl G, et al.
Med Welt 23:1844-6, 2 Dec 72 (Ger)

[Theoretical and clinical aspects of streptokinase therapy] Lübcke P, et al.
Med Welt 23:1747-9, 18 Nov 72 (Ger)

[Streptase therapy in fresh intracranial vascular occlusions? Comment on Dahlmann et al.: Thrombolysis of partial occlusion of the medical cerebral artery (this journal 43, 272-277 1972)] Manz F.
Nervenarzt 43:525, Oct 72 (Ger)

[Comment on the note of Dr. Manz: Streptase therapy of fresh intracranial vascular occlusions? and final note on Dahlmann et al.: Thrombolysis of partial occlusion of medical cerebral artery (this journal 43, 272-7, 1972)] Prill A. **Nervenarzt** 43:526, Oct 72 (Ger)

[4-year experience in the thrombolytic therapy of chronic arterial occlusions. Early and late results in 350 patients treated with streptokinase] Levy H, et al.
Verh Dtsch Ges Inn Med 78:627-31, 1972 (Ger)

[Cervical hematoma following carotid angiography during treatment with streptase] Basch A, et al.
Zentralbl Chir 97:1765-8, 9 Dec 72 (Ger)

[Hyperfibrinogemia following activator therapy] Zawilska K, et al.
Acta Haematol Pol 3:53-8, Jan-Mar 72 (Eng. Abstr.) (Pol)

[Studies on the use of fibrinolytic agents in the treatment of acute myocardial infarct. I. Basic principles, possibilities and limitations] Saad EA.
Arq Bras Cardiol 25:427-38, Oct 72 (Por)

[Study on the use of fibrinolytics in the treatment of acute myocardial infarct. II. Personal experience] Saad EA, et al.
Arq Bras Cardiol 25:491-502, Dec 72 (Eng. Abstr.) (Por)

ANTAGONISTS & INHIBITORS

Further evidence for an active center in streptokinase-plasminogen complex; interaction with pancreatic trypsin inhibitor. Reddy KN, et al.
Biochem Biophys Res Commun 51:672-9, 2 Apr 73

Antibody tests in streptococcal pharyngitis. Streptozyme versus conventional methods. Ofek I, et al. **Clin Pediatr (Phila)** 12:341-4, Jun 73

Inhibitors of fibrinolysis: evidence of some instances of mutual potentiation. Coccheri S, et al.
J Clin Pathol 25:627-8, Jul 72

Urokinase inhibitor in human placenta. A thromboelastographic evaluation. Uszyński M, et al.
Mater Med Pol 3:15-9, Oct-Dec 71

The activating mechanism of human plasminogen through streptokinase. Inhibition experiments with BAL. Auerswald W, et al. **Pharmacology** 8:232-4, 1972

The formation of an enzymically active complex between DFP-inhibited plasmin and streptokinase. Tomar RH, et al.
Proc Soc Exp Biol Med 143:127-30, May 73

[Determination of antistreptokinases (ASK) by a micromethod] Philippon A, et al.
Nouv Presse Med 2:383-4, 10 Feb 73 (Fre)

[Comparative value of the ASLO and ASK levels in hypertensive glomerulonephritis] Domnişoru L, et al.
Rev Med Chir Soc Med Nat Iasi 77:249-54, Apr-Jun 73 (Eng. Abstr.) (Rum)

BLOOD

[Studies on fibrinolytic activity in Behçet's disease. I. Measurement by fibrin plat method] Saito K.
Acta Soc Ophthalmol Jap 77:685-92, Jul 73 (Eng. Abstr.) (Jap)

DIAGNOSTIC USE

Localization of deep vein thrombosis using radioactive streptokinase. Dugan MA, et al.
J Nucl Med 14:233-4, Apr 73

METABOLISM

Mechanisms of cell and tissue injury induced by group A streptococci: relation to poststreptococcal sequelae. Ginsburg I.
J Infect Dis 126:294-340, Sep 72 (368 ref.)

The activating mechanism of human plasminogen through streptokinase. Inhibition experiments with BAL. Auerswald W, et al. **Pharmacology** 8:232-4, 1972

The formation of an enzymically active complex between DFP-inhibited plasmin and streptokinase. Tomar RH, et al.
Proc Soc Exp Biol Med 143:127-30, May 73

[The fibrinolytic activity of bacteria (brief report)] Schulte W, et al.
Zentralbl Bakteriol [Orig A] 220:224-5, May 72 (Ger)

[Proteolytic activity of human blood lymphocytes determined by means of casein labeled with radioactive iodine (I 131J)] Halawa B, et al.
Acta Haematol Pol 2:219-22, Jul-Sep 71 (Eng. Abstr.) (Pol)

[Blood fibrinolytic system in patients with ischemic heart disease] Liusov VA, et al.
Kardiologiia 13:12-6, 1973 (Eng. Abstr.) (Rus)

PHARMACODYNAMICS

Activation of a specific human plasma kininogenase with trypsin and plasmin. Seidel G, et al.
Biochem Pharmacol 22:929-37, 15 Apr 73

Leukofibrinolysis. Lewis JH, et al.
Blood 40:844-55, Dec 72

Antiplasmin activity of rat serum slow -globulins. Horne CH, et al. **Br J Haematol** 24:115-21, Jan 73

A quantitative evaluation of the inhibition of platelet aggregation by low molecular weight degradation products of fibrinogen. Solum NO, et al.
Br J Haematol 24:419-34, Apr 73

Specific inactivation of sensitized lymphocytes in vitro using antigens labelled with astatine-211. Smit JA, et al. **Clin Exp Immunol** 14:107-16, May 73

Changes in fine structure of fibrin in fibrinolysis. Rossmann P, et al. **Cor Vasa** 14:222-7, 1972

Streptokinase: a review of its clinical pharmacology, mechanism of action and therapeutic uses. Brogden RN, et al. **Drugs** 5:357-445, 1973 (260 ref.)

Plasmin-induced platelet aggregation and platelet release reaction. Effects on hemostasis. Niewiarowski S, et al. **J Clin Invest** 52:1647-59, Jul 73

Plasmin-induced platelet aggregation and platelet release reaction. Effects on hemostasis. Niewiarowski S, et al. **J Clin Invest** 22:1647-59, Jul 73

Immunoephelometric determination of fibrinogen and its derivatives in plasma. Farrell GW, et al.
J Immunol Methods 1:217-29, May 72

In vitro elimination of specific immunoreactive cells with 5-bromodeoxyuridine. Zoschke DC, et al.
J Immunol Methods 1:55-65, Sep 71

Insolubilized activators of the fibrinolysin system. In vitro studies. Ambrus CM, et al.
J Med (Basel) 3:270-81, 1972

Blastogenic transformation of lymphocytes following phytohaemagglutinin treatment in vitro in malignant lymphomas. I. Hodgkin's disease. (Correlation with immunity response of the cellular type and with the clinical status). Libánský J, et al.
Neoplasma 20:51-60, 1973

Blastogenic transformation of lymphocytes following phytohaemagglutinin treatment in vitro in malignant lymphomas. 3. Chronic lymphatic leukaemia. Libánský J, et al. **Neoplasma** 20:69-77, 1973

Blastogenic transformation of lymphocytes following phytohaemagglutinin treatment in vitro in malignant lymphomas. II. Reticulosarcoma. (Correlation with the immunity reaction of the cellular type and the clinical status). Libánský J, et al.
Neoplasma 20:61-7, 1973

Wound healing and fibrinolytic activity. Szekeres L, et al. **Vasa** 2:81-3, 1973

[Investigations on viscosity in -globulins and the effect of streptokinase] Leonhardt H, et al.
Clin Chim Acta 45:129-34, 30 Apr 73 (Eng. Abstr.) (Ger)

[Short-term fibrinolytic treatment in acute myocardial infarction] Breddin K, et al.
Dtsch Med Wochenschr 98:861-73, 27 Apr 73 (Eng. Abstr.) (Ger)

[Hemorrhagic heart infarctions] Lübcke P.
Dtsch Med Wochenschr 97:1473-4, 29 Sep 72 (Ger)

[Amino acid levels in the serum during fibrinolysis] Tilz GP, et al.
Dtsch Med Wochenschr 97:1668-9, 27 Oct 72 (Ger)

[Therapy of shock using vaso- and coagulation-active substances. Behavior of tissue oxygen in the dog kidney under the influence of vaso- and coagulation-active substances] Lenz J, et al.
Fortschr Med 90:1199-201, 16 Nov 72 (Ger)

[Therapy of acute myocardial infarct using streptokinase] Schreiber F, et al.
Med Klin 68:592-7, 4 May 73 (Eng. Abstr.) (Ger)

[The lysability of thrombi obtained during operation. the degree of organisation and lysability by streptokinase in vitro of arterial and venous thrombi of different ages] Klos I, et al.
Munch Med Wochenschr 114:1927-32, 3 Nov 72 (Eng. Abstr.) (Ger)

[Effect of fibrinolytics and antifibrinolytics on wound healing. Experimental study] Wilde J, et al.
Z Exp Chir 4:241-7, 1971 (Eng. Abstr.) (Ger)

[Principles of thrombolytic treatment] Judkiewicz L, et al. **Pol Tyg Lek** 27:1011-3, 26 Jun 72 (27 ref.) (Pol)

[Effect of nafarin, vikasol, streptokinase and pantripin on carbohydrate metabolism in rat tissues] Smirnov PA, et al.
Farmakol Toksikol 36:58-62, Jan-Feb 73 (Eng. Abstr.) (Rus)

[Study of blood fibrinolytic activity with the aid of thrombelastography] Maĭorov IuM.
Kardiologiia 12:44-9, Feb 72 (Eng. Abstr.) (Rus)

[Experimental thrombolysis] Shumakov VI, et al.
Kardiologiia 12:88-91, Feb 72 (Eng. Abstr.) (Rus)

[Aspects and possibilities of thrombolytic treatment] Uhrík J, et al.
Cesk Dermatol 47:198-203, Oct 72 (Eng. Abstr.) (Slo)

THERAPEUTIC USE

Fibrinolysis in retinal vein occlusions. A preliminary report. Höhmann R, et al.
Albrecht von Graefes Arch Klin Ophthalmol 187:327-40, 1973

In situ lysis of coronary thrombus. Ikram H, et al.
Am J Cardiol 32:245-6, Aug 73

The use of laboratory determinations in the control of streptokinase therapy. Minn SK, et al.
Am J Clin Pathol 58:415-21, Oct 72

Venous and arterial occlusive disease treated by enzymatic clot lysis. LeVeen HH, et al.
Arch Surg 105:927-36, Dec 72

Comparison between streptokinase and heparin in life-threatening pulmonary embolism. Tibbutt DA, et al. **Br J Haematol** 25:275-6, Aug 73

Conservative management of thrombo-embolism. Flute PT. **Br J Surg** 59:834-6, Oct 72

Streptokinase therapy in deep-vein thrombosis. Mavor GE, et al. **Br J Surg** 60:468-74, Jun 73

The diagnosis and management of massive pulmonary embolism. Miller GA. **Br J Surg** 59:837-9, Oct 72

Treatment of acute massive pulmonary embolism by streptokinase during labour and delivery. Hall RJ, et al. **Br Med J** 4:647-9, 16 Dec 72

Postpartum purpura fulminans: successful management with streptokinase. Preston FE, et al.
Br Med J 3:329-30, 11 Aug 73

Behcet's syndrome and venous thrombosis. Tibbut DA, et al. **Br Med J** 3:236, 28 Jul 73

Haemolytic-uraemic syndrome in an adult with pericarditis and pleurisy. Utting JA, et al.
Br Med J 2:591, 9 Jun 73

Comparison of the action of heparin and streptokinase on experimental pulmonary emboli in the dog. Vellar ID, et al. **Cardiovasc Res** 6:734-40, Nov 72

Streptokinase: a review of its clinical pharmacology, mechanism of action and therapeutic uses. Brogden RN, et al. **Drugs** 5:357-445, 1973 (260 ref.)

The present status of thrombolytic agents. Verstraete M. **Drugs** 5:353-6, 1973

Recognizing and reacting to recurrent pulmonary embolism. Genton E. **Geriatrics** 28:84-8, Mar 73

Coagulation studies and streptokinase therapy in the haemolytic-uraemic syndrome. Monnens L, et al.
Helv Paediatr Acta 27:45-54, Apr 72

Thrombolytic therapy in chronic arterial occlusions. Deutsch E, et al. **J Clin Pathol** 25:644, Jul 72

Current status of thrombolytic agents in acute cerebrovascular disease. Fletcher AP.
J Clin Pathol 25:649-50, Jul 72

Streptokinase therapy for deep vein thrombosis. Flute PT. **J Clin Pathol** 25:640-1, Jul 72

Reptilase and thrombin clotting time of plasma from

patients treated with streptokinase. Latallo ZS, et al. **J Clin Pathol** 25:625, Jul 72

Chandler's thrombi as agents for the assessment of anti-thrombotic drugs in vitro. Lawson DH, et al. **J Clin Pathol** 26:452-3, Jun 73

Treatment of chronic arterial occlusions with streptokinase. Poliwoda H. **J Clin Pathol** 25:642-3, Jul 72

Observations of enzyme elevations in the serum during streptokinase treatment. Schmidt E, et al. **J Clin Pathol** 25:650-2, Jul 72

Thrombolysis. Sharp AA, et al. **J Clin Pathol** 25:630-1, Jul 72

Thrombolytic treatment of recent arterial occlusion. Verstraete M. **J Clin Pathol** 25:641-2, Jul 72

Thrombolytic treatment of pulmonary embolism. Verstraete M. **J Clin Pathol** 25:645, Jul 72

Australian multicentre trial of streptokinase in acute myocardial infarction. Bett JH, et al. **Lancet** 1:57-60, 13 Jan 73

Low-dose urokinase in major pulmonary embolism. Edwards IR, et al. **Lancet** 2:409-13, 25 Aug 73

Streptokinase in pulmonary embolism. Macnair AL. **Lancet** 819:40, 7 Jul 73

Fibrinolytic treatment of the haemolytic-uraemic syndrome. Monnens L, et al. **Lancet** 1:692, 25 Mar 72

Urokinase in pulmonary embolism. Simon TL, et al. **Lancet** 2:501, 1 Sep 73

Haemolytic-uraemic syndrome: thrombocyturia after treatment with streptokinase and aspirin. Sutor AH, et al. **Lancet** 2:762, 7 Oct 72

Streptokinase in myocardial infarction. **Lancet** 1:480, 3 Mar 73

Response of massive pulmonary embolism with protracted circulatory failure to thrombolytic therapy. Stickland J, et al. **Med J Aust** 2:125-7, 21 Jul 73

Streptokinase therapy for deep vein thrombosis. Davies AM. **Nurs Times** 69:211-2, 15 Feb 73

Management of ilio-femoral venous thrombosis. Mansfield AO. **Proc R Soc Med** 65:171, Feb 72

Intravascular coagulation and heparin therapy in acute renal failure: a reappraisal. Kleinknecht D, et al. **Rev Eur Etud Clin Biol** 17:695-700, Aug-Sep 72

Wound healing and fibrinolytic activity. Szekeres L, et al. **Vasa** 2:81-3, 1973

[Thrombosis of the femoral artery after Seldinger's catheterization treated successfully with streptokinase] Krčílek A, et al. **Cesk Radiol** 27:106-10, Mar 73 (Eng. Abstr.) (Cze)

[Problems of thrombolytic treatment] Ryšavý F, et al. **Vnitr Lek** 18:849-54, Sep 72 (Eng. Abstr.) (Cze)

[Hemolytic-uremic syndrome] Wijffels JC. **Ned Tijdschr Geneeskd** 116:1735-42, 23 Sep 72 (51 ref.) (Dut)

[Thrombolytic therapy. Experience in a hemodialysis department] Franckhauser J, et al. **Anesth Analg (Paris)** 30:117-28, Jan-Feb 73 (Fre)

[Massive pulmonary embolism during bacillary tuberculous pneumonia. Remarkable effects of streptokinase] Rullière R, et al. **Ann Med Interne (Paris)** 124:239-46, Mar 73 (Fre)

[Treatment of coronary thrombosis with streptokinase] Tricot R, et al. **Arch Mal Coeur** 66:661-71, May 73 (Eng. Abstr.) (Fre)

[Thrombolytic treatment of severe pulmonary emboli] Plot JC, et al. **Cah Med** 14:357-60, May 73 (Fre)

[Thrombolysis] Marcel GA. **Therapeutique** 48:591-3, Nov 72 (Fre)

[Plasma phosphatide pattern during recovery from myocardial infarct] Jipp P, et al. **Arzneim Forsch** 22:1833-5, Oct 72 (Eng. Abstr.) (Ger)

[Short-term fibrinolytic treatment in acute myocardial infarction] Breddin K, et al. **Dtsch Med Wochenschr** 98:861-73, 27 Apr 73 (Eng. Abstr.) (Ger)

[Hemorrhagic heart infarctions] Lübcke P. **Dtsch Med Wochenschr** 97:1473-4, 29 Sep 72 (Ger)

[Aspects of transluminal catheter-recanalisation and the treatment of recurrences] Sobbe A, et al. **Fortschr Geb Roentgenstr Nuklearmed** 118:682-90, Jun 73 (Eng. Abstr.) (Ger)

[Therapy of shock using vaso- and coagulation-active substances. Behavior of tissue oxygen in the dog kidney under the influence of vaso- and coagulation-active substances] Lenz J, et al. **Fortschr Med** 90:1199-201, 16 Nov 72 (Ger)

[Pulmonary embolism] Zeilhofer R, et al. **Fortschr Med** 90:700-2 passim, 15 Jun 72 (Ger)

[Intensive treatment of patients with thoracic injuries] Glinz W. **Helv Chir Acta** 39:537-44, Dec 72 (Ger)

[Treatment of coumarine necrosis] Leiber G, et al. **Internist (Berlin)** 13:340-1, Aug 72 (Ger)

[Nicolau's syndrome following benzathine penicillin. A survey based on 5 own cases] Domula M, et al. **Kinderaerztl Prax** 40:437-48, Oct 72 (Ger)

[Kinetics of serum enzymes in the streptokinase treatment of myocardial infarction] Praetorius F, et al. **Klin Wochenschr** 51:397-403, 15 Apr 73 (Eng. Abstr.) (Ger)

[Shock treatment in the severely injured] Dohmen M. **Langenbecks Arch Chir** 329:503-9, Dec 71 (Eng. Abstr.) (Ger)

[Primary axillar vein stasis (Paget-von Schroetter syndrome)] Hölzl HR, et al. **Langenbecks Arch Chir** 331:295-314, 29 Dec 72 (Eng. Abstr.) (Ger)

[Therapy of acute myocardial infarct using streptokinase] Schreiber F, et al. **Med Klin** 68:592-7, 4 May 73 (Eng. Abstr.) (Ger)

[Is the administration of prothrombin concentrate in heart infarct always absolutely contraindicated?] Schricker KT, et al. **Med Klin** 67:841-5, 16 Jun 72 (Eng. Abstr.) (Ger)

[Acute bacterial infection--contraindication to a streptokinase therapy in pregnancy] Freundl G, et al. **Med Welt** 23:1844-6, 2 Dec 72 (Ger)

[Lymphedema and thrombosis in the leg as result of treatment of a collum carcinoma. Therapy and prognosis] Kidess E, et al. **Med Welt** 23:1936-8, 16 Dec 72 (Ger)

[Theoretical and clinical aspects of streptokinase therapy] Lübcke P, et al. **Med Welt** 23:1747-9, 18 Nov 72 (Ger)

[A so-called coumarin necrosis in a child] Koch H, et al. **Monatsschr Kinderheilkd** 121:68-71, Feb 73 (Eng. Abstr.) (Ger)

[The lysability of thrombi obtained during operation. the degree of organisation and lysability by streptokinase in vitro of arterial and venous thrombi of different ages] Klos I, et al. **Munch Med Wochenschr** 114:1927-32, 3 Nov 72 (Eng. Abstr.) (Ger)

[Acute pulmonary embolism] Späth G. **Munch Med Wochenschr** 114:1673-80, 29 Sep 72 (36 ref.) (Ger)

[Acute interruption of the inferior vena cava: ligature or reconstruction?] Vollmar J, et al. **Munch Med Wochenschr** 115:978-85, 25 May 73 (Eng. Abstr.) (Ger)

[Streptase therapy in fresh intracranial vascular occlusions? Comment on Dahlmann et al.: Thrombolysis of partial occlusion of the medical cerebral artery (this journal 43, 272-277 1972)] Manz F. **Nervenarzt** 43:525, Oct 72 (Ger)

[Comment on the note of Dr. Manz: Streptase therapy of fresh intracranial vascular occlusions? and final note on Dahlmann et al.: Thrombolysis of partial occlusion of medical cerebral artery (this journal 43, 272-7, 1972)] Prill A. **Nervenarzt** 43:526, Oct 72 (Ger)

[Fibrinolyte therapy of septicemic shock in infancy and childhood] Mitterstieler G, et al. **Paediatr Paedol** 8:225-31, 1973 (Eng. Abstr.) (Ger)

[Therapeutic fibrinolysis] Straub PW. **Schweiz Med Wochenschr** 103:753-7, 19 May 73 (Eng. Abstr.) (Ger)

[Clinical aspects of chronic cerebrovascular insufficiency] Neumayer E. **Ther Ggw** 112:26-41, Jan 73 (Ger)

[Clinical-experimental findings in the fibrinolytic therapy of fresh myocardial infarct] Breddin K, et al. **Verh Dtsch Ges Inn Med** 78:1039-41, 1972 (Ger)

[Indications and results of thrombolytic therapy in internal carotid artery occlusions] Dahlmann W, et al. **Verh Dtsch Ges Inn Med** 78:678-80, 1972 (Ger)

[Pathophysiology and clinical aspects of bilateral kidney cortex necrosis] Heimsoth VH, et al. **Verh Dtsch Ges Inn Med** 78:1476-9, 1972 (Ger)

[Streptokinase therapy of fresh myocardial infarct. Results of a double blind study] Krzywanek HJ, et al. **Verh Dtsch Ges Inn Med** 78:1042-4, 1972 (Ger)

[4-year experience in the thrombolytic therapy of chronic arterial occlusions. Early and late results in 350 patients treated with streptokinase] Levy H, et al. **Verh Dtsch Ges Inn Med** 78:627-31, 1972 (Ger)

[Therapy of peripheral blood vessel obstruction] **Verh Dtsch Ges Inn Med** 77:374-7, 1971 (Ger)

[Diagnosis and therapy of consumption coagulopathy] Lechner K.

Wien Klin Wochenschr 85:467-70, 29 Jun 73 (Eng. Abstr.) (Ger)
[Arterial embolic occlusion as a medical emergency] Herwig H.
Z Aerztl Fortbild (Jena) 66:1251-4, 15 Dec 72 (Ger)
[Thromboembolic complications in pregnancy and during delivery] Ludwig H.
Z Geburtshilfe Perinatol 176:169-82, Jun 72 (47 ref.) (Ger) (Eng. Abstr.)
[Fibrinolytic therapy of acute myocardial infarct. II. German-Swiss common study. 2. Results of electrocardiographic studies] Gillmann H, et al.
Z Kardiol 62:193-214, Mar 73 (Ger)
[Cervical hematoma following carotid angiography during treatment with streptase] Basch A, et al.
Zentralbl Chir 97:1765-8, 9 Dec 72 (Ger)
[Thrombolytic therapy of acute myocardial infarct] De Giorgi E. **Minerva Cardioangiol** 20:663-6, Nov 72 (Ita)
[Fibrinolysis in internal medicine] Breda R, et al.
Minerva Med 63:4803-7, 8 Dec 72 (Ita)
[Problem of surgical therapy of acute venous thrombosis of the limbs] Puglionisi A, et al.
Minerva Med 63:4825-6, 8 Dec 72 (Ita)
[Clinical forms and therapy of thrombopenic syndromes in childhood] Lombardo G, et al.
Minerva Pediatr 24:1331-403, 15 Sep 72 (Ita)
[Hemolytic-uremic syndrome and microangiopathic hemolytic anemia] Dacie JV.
Recent Prog Med (Roma) 54:1-22, Jan 73 (Eng. Abstr.) (Ita)
[Hyperfibrinogemia following activator therapy] Zawilska K, et al.
Acta Haematol Pol 3:53-8, Jan-Mar 72 (Eng. Abstr.) (Pol)
[Experimental intravascular blood clotting] Janda R.
Folia Med Cracov 14:335-456, 1972 (Eng. Abstr.) (Pol)
[Thrombolytic treatment of peripheral emboli in bacterial endocarditis] Krug H, et al.
Kardiol Pol 15:347-52, 1972 (Eng. Abstr.) (Pol)
[Treatment of thrombophlebitis of lower extremities with streptokinase] Lawiński M, et al.
Pol Przegl Chir 45:35-9, Jan 73 (Eng. Abstr.) (Pol)
[Streptokinase treatment of popliteal artery occlusion of several days' duration] Zola-Sl eczek E, et al.
Pol Tyg Lek 28:23-4, 1 Jan 73 (Eng. Abstr.) (Pol)
[Studies on the use of fibrinolytic agents in the treatment of acute myocardial infarct. I. Basic principles, possibilities and limitations] Saad EA.
Arq Bras Cardiol 25:427-38, Oct 72 (Por)
[Study on the use of fibrinolytics in the treatment of acute myocardial infarct. II. Personal experience] Saad EA, et al.
Arq Bras Cardiol 25:491-502, Dec 72 (Eng. Abstr.) (Por)
[Current data on diagnosis and treatment of thromboembolic states] Zosin P, et al.
Med Interna (Bucur) 24:947-58, Aug 72 (Eng. Abstr.) (Rum)
[Study of blood fibrinolytic activity with the aid of thrombelastography] Maĭorov IuM.
Kardiologiia 12:44-9, Feb 72 (Eng. Abstr.) (Rus)
[Aspects and possibilities of thrombolytic treatment] Uhrík J, et al.
Cesk Dermatol 47:198-203, Oct 72 (Eng. Abstr.) (Slo)

THROMBELASTOGRAPHY

Abnormal factor X(factor X Friuli) coagulation disorder. Girolami A, et al.
Acta Haematol (Basel) 49:114-22, 1973
Effect of estrogens on postpartum hypercoagulability and antithrombin 3 activity. Kaulla E von, et al.
Am J Obstet Gynecol 113:920-6, 1 Aug 72
Thromboelastographic studies in oral contraception. Siró B, et al. **Am J Obstet Gynecol** 116:1167-8, 15 Aug 73
Site of synthesis of plasma and platelet factor XIII. McDonagh J, et al.
Ann NY Acad Sci 202:31-40, 8 Dec 72 (28 ref.)
Coagulopathy after major combat injury: occurrence, management, and pathophysiology. McNamara JJ, et al. **Ann Surg** 176:243-6, Aug 72
Comparative investigations on the effect of nicotinic acid alone and in association with a synthetic, heparin-like sulfated polyanion on fibrinolysis, platelet aggregation and lipidic fractions. Turazza G, et al. **Arzneim Forsch** 23:654-7, May 73
Experimental dysfibrinogenemia: in vivo studies with arvin. Rodriguez-Erdmann F, et al.
Blood 37:664-74, Jun 71
Hemorrhagic varicella in parahemophilia. Girolami A, et al. **Blut** 25:293-301, Nov 72
Microangiopathic haemolytic anaemia associated with hypercalcaemia in an experimental rat tumour. Hilgard P, et al. **Br J Haematol** 24:245-54, Feb 73
Studies of intravascular coagulation in experimental burns of dogs. Encke A, et al.
Bull Soc Int Chir 31:445-51, Sep-Oct 72
Problems in blood coagulation. Ryan GM, et al.
Clin Anesth 9:75-100, 1972
Effect of oral contraceptives on the thromboelastogram. Fisch IR, et al.
Clin Pharmacol Ther 14:238-44, Mar-Apr 73
New types of synthetic infusion solutions. I. Investigation of the effect of solutions of some hydrophilic polymers on blood. Kopeček J, et al.
J Biomed Mater Res 7:179-91, Mar 73
Urokinase inhibitor in human placenta. A thromboelastographic evaluation. Uszyński M, et al.
Mater Med Pol 3:15-9, Oct-Dec 71
Surgical techniques in infancy: hypothermia, bypass and postoperative care. Shirotani H, et al.
Med J Aust 2:Suppl:29-32, 12 Aug 72
Circulating anticoagulants in the newborn: relation to hypercoagulability and the idiopathic respiratory distress syndrome. Mahasandanan C, et al.
Pediatr Res 7:670-3, Jul 73
Congenital deficiency of factor VII. First two cases reported in Venezuela. Guevara I, et al.
Rev Bras Pesqui Med Biol 5:101-6, 1972 (Eng. Abstr.) (Pol)
Coagulation studies in a case of severe congenital hypofibrinogenemia. Barbu T, et al.
Thromb Diath Haemorrh 28:129-34, 31 Aug 72
Coagulation changes induced by endotoxin and purified contact activation product. Barth P, et al.
Thromb Diath Haemorrh 28:280-8, 31 Oct 72
The effects of bile salts on some coagulation components and related enzymes. Engel AM, et al.
Thromb Diath Haemorrh 27:594-609, 31 Jul 72
Oral contraceptives and platelet function. Mettler L, et al. **Thromb Diath Haemorrh** 28:213-20, 31 Oct 72
[Comparison of coagulation tests in man and 4 animal species (rabbit, dog, cow and pig)] Kaše F.
Vet Med (Praha) 17:495-500, Aug 72 (Eng. Abstr.) (Cze)
[Prognostic significance of some coagulation changes in myocardial infarct] Cepelíková H, et al.
Vnitr Lek 19:478-86, May 73 (Eng. Abstr.) (Cze)
[Peroperative bleeding in polycythemic patients] Bossy S, et al.
Anesth Analg (Paris) 29:341-6, May-Jun 72 (Fre)
[4 cases of allergic reactions to heparin] Lebeaupin R, et al. **Anesth Analg (Paris)** 29:487-96, Jul-Aug 72 (Fre)
[Changes in physicochemical properties of blood biopolymers in a hyperbaric atmosphere] Charmasson R, et al.
C R Acad Sci [D] (Paris) 275:1637-40, 9 Oct 72 (Fre)
[Importance of shock in the activation of fibrinolysis caused by injection of incompatible blood in dogs. Effect of a previous hypotension] Dosne AM.
C R Soc Biol (Paris) 165:2299-304, 1971 (Fre)
[In vitro immune hemolysis. Thrombelastographic effects] Dosne AM.
C R Soc Biol (Paris) 166:1253-5, 1972 (Fre)
[Effect of CO 2 pressure and pH of arterial blood on hypoxic changes of plasmatic coagulability] Strumza MV, et al. **C R Soc Biol (Paris)** 166:787-90, 1972 (Fre)
[Mechanism inducing blood hypercoagulability in severe hypoxia] Strumza MV, et al.
C R Soc Biol (Paris) 165:1861-3, 1971 (Fre)
[Mini-dose heparin therapy. Protocol for a preoperative prophylaxis of thrombophlebitis] Potron G, et al. **Cah Med** 14:219-23, Mar 73 (Fre)
[Anticoagulants in prostatic surgery] Caissel J.
J Urol Nephrol (Paris) 79:67-70, Jan-Feb 73 (Eng. Abstr.) (Fre)
[In vitro coagulation in chronic urticaria] Palma-Carlos AG, et al. **Nouv Presse Med** 1:3203, 30 Dec 72 (Fre)
[Attempt at explanation of the mechanism of labor. I. Coagulation system and fibrinolysis during physiological labor] Konopka P, et al.
Rev Fr Gynecol Obstet 68:1-6, Jan 73 (Eng. Abstr.) (Fre)
[Thrombelastography and oral contraceptives] Delacrétaz-Dubugnon F.
Schweiz Med Wochenschr 102:48-52, 15 Jan 72 (Eng. Abstr.) (Fre)
[Experimental studies on the problem of local Shwartzman phenomenon in the skin. V. Observations

on the significance of blood coagulation disorders during provocation of the phenomenon in an endotoxin-free guinea pig model] Illig L, et al. **Arch Dermatol Forsch** 246:11-26, 29 Jan 73 (Eng. Abstr.) (Ger)

[Comparative thrombelastographic study on citrated sternal marrow blood and venous blood] Zöller H. **Blut** 26:321-5, May 73 (Eng. Abstr.) (Ger)

[Problems in the treatment of myocardial infarct using anticoagulants or aggregation inhibitors] Thiele G, et al.
Dtsch Gesundheitsw 27:1594-8, 24 Aug 72 (Eng. Abstr.) (Ger)

[Factor XII deficiency in two brothers] Müller G, et al. **Dtsch Med Wochenschr** 98:267-9, 9 Feb 73 (Eng. Abstr.) (Ger)

[Comparison of the blood clotting system in man, rabbit, dog, and swine] Kaše F.
Folia Haematol (Leipz) 97:302-7, 1972 (Eng. Abstr.) (Ger)

[Effect of prothrombin and fibrinogen antisera on the clotting system of bovine blood] Kotschy M. **Folia Haematol (Leipz)** 98:426-36, 1972 (Ger)

[Studies on thrombocyte function in children with connatal heart failures] Weinmann G, et al. **Folia Haematol (Leipz)** 98:303-12, 1972 (Eng. Abstr.) (Ger)

[Treatment problems in acute circulation disorders of the inner ear using low molecular dextrans] Förster KH, et al. **HNO** 20:208-11, Jul 72 (Eng. Abstr.) (Ger)

[Efficiency and limits of blood coagulation tests] Róka L. **Internist (Berlin)** 14:149-53, Apr 73 (Ger)

[Study of thrombocytic function in childhood] Göbel U, et al.
Klin Paediatr 184:371-7, Sep 72 (Eng. Abstr.) (Ger)

[Diagnosis and therapy of blood coagulation disorders in obstetrics and gynecology] Felder KD. **Med Klin** 67:1220-6, 22 Sep 72 (Ger)

[Von-Willebrand-Jürgens syndrome] Winckelmann G. **Med Klin** 68:37-42, 12 Jan 73 (Ger)

[Laboratory supervision of anticoagulant therapy] Fischer M. **Med Lab (Stuttg)** 26:105-10, May 73 (Ger)

[Hyperfibrinolysis and reduced fibrinolytic activity in the thrombelastogram of children] Suschke HJ, et al. **Med Monatsschr** 26:521-3, Nov 72 (Ger)

[Blood coagulation, fibrinolysis, and transaminases during the action of ovulation inhibitors in and following gradational physical stress] Scheele K, et al. **Med Welt** 23:1118-20, 19 Aug 72 (Ger)

[Influence of single and repeated hemodialises on the blood coagulation status] Albert FW, et al. **Munch Med Wochenschr** 114:1917-21, 3 Nov 72 (Eng. Abstr.) (Ger)

[Current methods in the diagnosis of platelet function disorders] Zöller H, et al.
Munch Med Wochenschr 114:1922-6, 3 Nov 72 (Eng. Abstr.) (Ger)

[Changes in blood coagulation in pulmonary surgery] Rasche H, et al. **Pneumonologie** 147:211-5, 1972 (Ger)

[Coagulation changes following injection of a purified contact activation product] Barth P, et al. **Verh Dtsch Ges Inn Med** 77:1029-32, 1971 (Ger)

[Diagnosis of the consumption coagulopathy] Fischer M.
Wien Klin Wochenschr 85:319-23, 4 May 73 (Eng. Abstr.) (Ger)

[Humoral complex studies in phase diagnosis of arteriosclerosis and for the evaluation of anti-atherogenic therapeutic effects] David C, et al. **Z Alternsforsch** 26:89-96 passim, 1972 (Ger)

[The behaviour of physiologic inhibitors of blood coagulation and of the thrombelastogram in pregnancy] Tismer R, et al.
Z Geburtshilfe Perinatol 176:193-201, Jun 72 (Eng. Abstr.) (Ger)

[Long-term therapy and care with anticoagulants] Linke H, et al.
Z Gesamte Inn Med 28:33-5 concl, 1 Feb 73 (Eng. Abstr.) (Ger)

[Long-term therapy and monitoring in anticoagulant therapy] Linke H, et al.
Z Gesamte Inn Med 28:31-2 contd, 15 Jan 73 (Eng. Abstr.) (Ger)

[Acetylsalicylic acid as antithrombotic agent in acute myocardial infarct without shock syndrome] Thiele G, et al.
Z Gesamte Inn Med 28:36-8 passim, 1 Feb 73 (Eng. Abstr.) (Ger)

[Functional properties of thrombocytes in pediatric age groups] Altemeyer KH, et al.
Z Kinderheilkd 113:257-87, 1972 (Eng. Abstr.) (Ger)

[The fibrinolytic activity of bacteria (brief report)] Schulte W, et al.
Zentralbl Bakteriol [Orig A] 220:224-5, May 72 (Ger)

[Thrombelastographic studies of the effects of a new non-steroid estrogen on hemocoagulation] Goisis M, et al.
Minerva Ginecol 25:146-52, Mar 73 (Eng. Abstr.) (Ita)

[Heredofamilial thrombocytopenia] Fieschi A.
Minerva Med 64:1863-70, 19 May 73 (Eng. Abstr.) (Ita)

[Respiratory insufficiency due to chronic, obstructive bronchopneumopathy and fibrinolysis] Magri G, et al.
Minerva Med 64:206-14, 24 Jan 73 (Eng. Abstr.) (Ita)

[Hemostasis and hypoxic hypoxia] Strumza MV.
Minerva Med 63:391-7, 1972 (Ita)

[Fibrinolysis in chronic renal insufficiency treated wth periodic hemodialysis] Triolo R, et al.
Minerva Med 63:3704-12, 29 Sep 72 (Eng. Abstr.) (Ita)

[Thrombelastographic evaluation of hemocoagulation in acute myocardial infarct treated with sodium 3,4,5 trimethoxybenzoylaminocaproate] Zangara A, et al.
Minerva Med 64:803-11, 21 Mar 73 (Eng. Abstr.) (Ita)

[Thrombelastographic evaluation of blood coagulation in acute myocardial infarct treated with 3,4,5 trimethoxybenzoylaminocaproate sodium] Zangara A, et al.
Minerva Med 64:803-11, 21 Mar 73 (Eng. Abstr.) (Ita)

[Clinical forms and therapy of thrombopenic syndromes] Ricca M, et al.
Minerva Pediatr 24:1404-30, 15 Sep 72 (Ita)

[Variations of the blood phenomenon in traumatized animals] Paolucci G.
Riv Med Aeronaut Spaz 35:73-83, Jan-Jun 72 (Eng. Abstr.) (Ita)

[Proactivator-activator system in human plasma fibrinolysis: studies on the synthetic fibrinolytic system composed of functionally pure fibrinogen, plasminogen and proactivator, separated from human plasma] Okamoto U.
J Physiol Soc Jap 34:147-55, Mar 72 (Eng. Abstr.) (Jap)

[Keypoints in clinical tests for hemorrhagic and thrombotic tendencies] Yasunaga K.
Jap J Clin Med 31:783-97, Apr 73 (20 ref.) (Jap)

[Blood coagulation disorders in an experimental defibrination with concomitant endotoxic shock] Bielski J, et al.
Acta Haematol Pol 3:45-52, Jan-Mar 72 (Eng. Abstr.) (Pol)

[Case of factor XII deficiency with prolonged bleeding time] Sroczyński J, et al.
Acta Haematol Pol 2:239-42, Jul-Sep 71 (Eng. Abstr.) (Pol)

[Fibrinogenopathies] Stahl M.
Acta Haematol Pol 3:93-9, Jan-Mar 72 (22 ref.) (Pol)

[Case of hemorrhagic diathesis due to disorders during 1st stage of blood clotting] Tymiński W, et al.
Acta Haematol Pol 3:265-9, Jul-Sep 72 (Eng. Abstr.) (Pol)

[Usefulness of a modified thrombin generation test in the diagnosis of chronometric hypercoagulability] Zawilska K, et al.
Acta Haematol Pol 3:155-60, Apr-Jun 72 (Eng. Abstr.) (Pol)

[Effect of Polfa dextran-40 on blood clotting system in thrombelastographic and laboratory studies] Badowski A, et al.
Pol Przegl Chir 45:445-52, Apr 73 (Eng. Abstr.) (Pol)

[Prevention of bleeding following enucleation of prostatic adenoma in the light of thrombelastography and treatment by means of amino caproic acid (EACA)] Jasiński Z, et al.
Pol Przegl Chir 44:Suppl:1599-602, Oct 72 (Eng. Abstr.) (Pol)

[Treatment of thrombophlebitis of lower extremities with streptokinase] Lawiński M, et al.
Pol Przegl Chir 45:35-9, Jan 73 (Eng. Abstr.) (Pol)

[Blood clotting and fibrinolytic systems in pulmonary hypertension] Zola-Sięczek E, et al.
Pol Tyg Lek 28:1026-9, 2 Jul 73 (Eng. Abstr.) (Pol)

[Paracoagulative reactions in experimental syndrome of intravascular coagulation] Zawilska K, et al.
Przegl Lek 29:624-8, 1972 (Eng. Abstr.) (Pol)

[Effect of Dextran-65 Polfa on the blood clotting system] Badowski A, et al.
Wiad Lek 26:889-94, 15 May 73 (Eng. Abstr.) (Pol)

[Analysis of hemorrhagic diathesis] Częstochowska E, et al.
Wiad Lek 26:1407-12, 1 Aug 73 (Eng. Abstr.) (Pol)

[Blood hypercoagulability (attempted classification of

pre-thrombotic states)] Tymiński W.
Wiad Lek 26:423-6, 1 Mar 73 (11 ref.) **(Pol)**

[Coagulation disorders in osteoarticular injuries] Denischi A, et al.
Chirurgia (Bucur) 20:879-88, Oct 71 (Eng. Abstr.) **(Rum)**

[Effect of splenectomy on thrombocytopenia] Juvara I, et al.
Chirurgia (Bucur) 20:1057-74, Dec 71 (Eng. Abstr.) **(Rum)**

[Thrombelastographic and biochemical indices of the blood of mother and fetus during labor complicated by intrauterine fetal asphyxia] Bizhan UI.
Akush Ginekol (Mosk) 47:19-23, Oct 71 (Eng. Abstr.) **(Rus)**

[The state of blood coagulation in patients with cancer of the uterus according to thrombelastographic findings] Pafalovich MB, et al.
Akush Ginekol (Mosk) 48:65-6, Oct 72 **(Rus)**

[The functional state of the sympathetic-adrenal system in different phases of the thrombohemorrhagic syndrome] Giants RM, et al.
Biull Eksp Biol Med 73:14-6, Nov 72 (Eng. Abstr.) **(Rus)**

[Effect of hypotiazide and aldactone on the blood coagulation and anticoagulation systems] Gaianova MN. **Kardiologiia** 13:114-7, May 73 **(Rus)**

[Anginin (pyridinol carbamate) therapy of coronary atherosclerosis and obliterating atherosclerosis of the arteries of the lower extremities] Liusov VA, et al.
Kardiologiia 12:39-45, Nov 72 (Eng. Abstr.) **(Rus)**

[Blood fibrinolytic system in patients with ischemic heart disease] Liusov VA, et al.
Kardiologiia 13:12-6, 1973 (Eng. Abstr.) **(Rus)**

[Study of blood fibrinolytic activity with the aid of thrombelastography] Maĭorov IuM.
Kardiologiia 12:44-9, Feb 72 (Eng. Abstr.) **(Rus)**

[The functional state of the blood coagulant system in acute cerebral circulatory disorders] Veselskiĭ ISh, et al.
Klin Med (Mosk) 50:27-32, Sep 72 (Eng. Abstr.) **(Rus)**

[Blood coagulation changes under the influence of gravitational stress according to thrombelastographic findings] Serikova AZ, et al.
Kosm Biol Med 6:10-4, Jan-Feb 72 (Eng. Abstr.) **(Rus)**

[Comparative characteristics of blood and plasma thromboelastograms] Galushkin AN, et al.
Lab Delo 7:417-9, 1972 **(Rus)**

[Blood coagulation and fibrinolysis in rats with alloxan diabetes] Aivazian AI, et al.
Patol Fiziol Eksp Ter 17:83-5, Mar-Apr 73 (Eng. Abstr.) **(Rus)**

[Some thrombelastographic data on capillary blood in diabetic children] Mitskevich SI, et al.
Pediatriia 52:78-9, Jan 73 **(Rus)**

[Thyroid gland absorption of radioactive iodine and anti-thyroid antibodies in patients with diabetes mellitus] Geller LI, et al.
Probl Endokrinol (Mosk) 18:7-11, Jul-Aug 72 (Eng. Abstr.) **(Rus)**

[Effect of formed blood elements on blood coagulation in acute leukemia] Al'nikov GP.
Probl Gematol Pereliv Krovi 18:38-41, Jan 73 (Eng. Abstr.) **(Rus)**

[Blood coagulation system in different forms of acute leukemia] Zhukovskaia ES, et al.
Probl Gematol Pereliv Krovi 18:41-7, Jan 73 (Eng. Abstr.) **(Rus)**

[Reactivity of the blood coagulation system in experimental adrenal insufficiency] Petrishchev NN.
Vestn Khir 110:37-41, Apr 73 (Eng. Abstr.) **(Rus)**

[Blood histamine and coagulation system in traumatic shock] Zakirov EKh, et al.
Vestn Khir 108:102-5, Jul 72 (Eng. Abstr.) **(Rus)**

[Thromboelastography in otorhinolaryngology] Shaparenko BA.
Vestn Otorinolaringol 34:80-5, Sep-Oct 72 (Eng Abstr.) **(Rus)**

[The dynamics of thrombelastogram indices during experimental hyperbaric oxygenation] Korchanov LS, et al. **Voen Med Zh** 7:51-4, Jul 72 **(Rus)**

[Formation of noradrenaline-heparin and adrenaline-heparin complexes in the blood of young people under emotional and intellectual stress] Kudriashov BA, et al.
Vopr Med Khim 18:385-90, Jul-Aug 72 (Eng. Abstr.) **(Rus)**

[Pulmonary artery thromboembolism and the state of the blood coagulation system in severe cranio-cerebral trauma] Kuklina AS, et al.
Vopr Neirokhir 36:25-8, May-Jun 72 (Eng. Abstr.) **(Rus)**

[Significance of the thromboelastographic method of study in the diagnosis and treatment of lung cancer] Kutushev FKh, et al.
Vopr Onkol 19:18-20, 1973 (Eng. Abstr.) **(Rus)**

[Thromboelastogram in pneumosclerosis] Konstantinov VV, et al.
Vrach Delo 2:59-61, Feb 72 (Eng. Abstr.) **(Rus)**

[Thrombelastographic blood coagulation indices in patients with epidemic hepatitis] Semenchenko IG.
Vrach Delo 10:149-52, Oct 72 (Eng. Abstr.) **(Rus)**

[Evaluation of the changes in the blood coagulation system in the dynamics of treating ischemic insult with anticoagulants] Lobkova TN.
Zh Nevropatol Psikhiatr 73:645-51, 1973 (Eng. Abstr.) **(Rus)**

[Characteristics of nonenzymatic fibrinolytic activity and the formation of adrenaline-heparin and noradrenaline-heparin complexes in the blood in logoneurosis] Podol'skaia OV, et al.
Zh Nevropatol Psikhiatr 73:711-5, 1973 (Eng. Abstr.) **(Rus)**

[Thrombelastography applied to the study of hypercoaguability] Vaillant SB, et al.
Rev Clin Esp 125:533-8, 30 Jun 72 (Eng. Abstr.) **(Spa)**

[Studies on uremic thrombopathy. Analysis of 59 patients with special reference to platelet lipids] García-San Miguel J, et al.
Sangre (Barc) 18:31-9, 1973 (Eng. Abstr.) **(Spa)**

[Thromboelastograms of different types of laboratory animals] Karpenko VH, et al.
Fiziol Zh 18:831-4, Nov-Dec 72 **(Ukr)**

INSTRUMENTATION

[An instrument for the study of the elastic and plastic properties of microscopic biologic objects] Corinth G, et al.
Biomed Tech (Stuttg) 18:31-5, Feb 73 (Eng. Abstr.) **(Ger)**

THROMBIN

The diagnosis of venous thrombosis in the legs using I-labelled fibrinogen. An experimental and clinical study. Becker J. **Acta Chir Scand** 138:667-81, 1972

Platelet factor-4--methods of study. Donati MB, et al.
Adv Exp Med Biol 34:295-308, 1972

Coagulation changes in healthy and sick pacific salmon. Hougie C. **Adv Exp Med Biol** 22:89-102, 1972

Differentiation of bleeding diatheses which occur following protamine correction of heparin anticoagulation. Soloway HB, et al.
Am J Clin Pathol 60:188-91, Aug 73

Plasma fibrinogen determination by automated thrombin time. Okuno T, et al.
Am J Med Technol 38:196-201, Jun 72

Effects of autotransfusion on blood elements. Bennett SH, et al. **Am J Surg** 125:273-9, Mar 73

Thromboasthenia. Morse EE, et al.
Ann Clin Lab Sci 2:432-9, Nov-Dec 72

Intravascular coagulation-fibrinolysis (ICF) syndrome. Owen CA Jr, et al. **Ann Clin Lab Sci** 2:26-30, Jan-Feb 72

Platelet-function studies in the Bernard-Soulier syndrome. Bithell TC, et al.
Ann NY Acad Sci 201:145-60, 27 Oct 72

The molecular structure of fibrinogen. Blombäck B, et al. **Ann NY Acad Sci** 202:77-97, 8 Dec 72 (54 ref.)

Ethanol-insoluble adenine nucleotides in platelets and their possible role in platelet function. Homsen H.
Ann NY Acad Sci 201:109-21, 27 Oct 72

Our ancient heritage in blood clotting and some of its consequences. Laki K.
Ann NY Acad Sci 202:297-307, 8 Dec 72

Fibrinoligase: the fibrin-stabilizing factor system of blood plasma. Lorand L.
Ann NY Acad Sci 202:6-30, 8 Dec 72 (75 ref.)

The effect of oral contraceptives on fibrin-clot stabilization. Shanberge JN, et al.
Ann NY Acad Sci 202:220-9, 8 Dec 72

Tissue transamidases, fibrin stabilization and clot lysis. Tyler HM.
Ann NY Acad Sci 202:273-85, 8 Dec 72 (39 ref.)

Ultrapore hemofiltration. The effects on the coagulation and fibrinolytic mechanisms in fresh and stored blood. Gervin AS, et al.
Arch Surg 106:333-6, Mar 73

Effects of Bothrops jararaca venom on fibrin formation in vitro. Ponari O, et al. **Arzneim Forsch** 23:94-8, Jan 73

Effects of Bothrops jararaca venom on fibrin formation in vitro. Ponari O, et al.
Australas Radiol 23:94-8, Jan 73

Titration and subunit localization of active center cysteine in fibrinoligase (thrombin-activated fibrin stabilizing fector). Curtis CG, et al.
Biochem Biophys Res Commun 52:51-6, 1 May 73

Secretory mechanisms. Behaviour of adenine nucleotides during the platelet release reaction induced by adenosine diphosphate and adrenaline. Holmsen H, et al. **Biochem J** 129:67-82, Aug 72

On the reaction of purified bovine thrombin with N-acetylimidazole. Lundblad RL, et al.
Biochemistry 12:409-13, 30 Jan 73

Fate of fibrinopeptides in the reaction between human plasmin and fibrinogen. Lahiri B, et al.
Biochim Biophys Acta 303:161-70, 23 Mar 73

Heterogeneity of human adult and fetal fibrinogen: detection of derivatives indicative of thrombin proteolysis. Mills DA, et al.
Biochim Biophys Acta 285:398-403, 28 Dec 72

Electron microscopy study of positive charges on fibrin fibres. Poult L, et al.
Biochim Biophys Acta 317:99-105, 12 Jul 73

On the physiological role of 2 -macroglobulin. Rinderknecht H, et al.
Biochim Biophys Acta 295:233-44, 25 Jan 73

Dynamic viscoelastic study of the formation of fibrin networks in fibrinogen-thrombin systems and plasma. Kaibara M. **Biorheology** 10:61-73, Mar 73

Direct assessment of platelet adhesion to glass: a study of the forces of interaction and the effects of plasma and serum factors, platelet function, and modification of the glass surface. George JN.
Blood 40:862-74, Dec 72

Intravascular coagulation in acute leukemia: clinical and subclinical abnormalities. Grainick HR, et al.
Blood 40:709-18, Nov 72

The platelet defect associated with albumism. Hardisty RM, et al. **Br J Haematol** 23:679-92, Dec 72

Platelet age: its relationship to platelet size, function and metabolism. Hirsh J.
Br J Haematol 23:Suppl:209-14, Sep 72 (33 ref.)

Determinants of prothrombinase activity and modification of prothrombin conversion by thrombin-treated factor V. Kandall C, et al.
Br J Haematol 23:655-68, Dec 72

Effects of Ancrod (Arvin) in mice: studies of plasma fibrinogen and fibrinolytic activity. Silberman S, et al.
Br J Haematol 24:101-13, Jan 73

The coagulum pyelolithotomy. Patel VJ.
Br J Surg 60:230-6, Mar 73

Fibrinolysis in cholestatic jaundice. Dioguardi N, et al.
Br Med J 2:778-9, 30 Jun 73

Generation of 125 I-labelled plasmin in dogs in response to venous injury. Takeda Y, et al.
Ciba Found Symp 9:203-16, 1972

Comparison of rapid clottable fibrinogen assays. Davey FR, et al. **Clin Chem** 18:1360-3, Nov 72

The mechanism of action of vasoactive agents on the blood clotting and fibrinolysis. Mishchenko VP, et al.
Cor Vasa 14:228-38, 1972

Cyanogen bromide cleavage of bovine fibrinogen. Identification of a dimeric N-terminal peptide and two other disulfide containing fragments. Timpl R, et al. **FEBS Lett** 29:92-6, 15 Jan 73

Inactivation of antithrombin 3 by fatty acids. Heimburger N.
Hoppe Seylers Z Physiol Chem 353:1957-61, Dec 72

Plasma thrombin clotting time and plasma fibrinogen in diabetes mellitus and atherosclerosis. Banerjee RN, et al. **Indian J Med Res** 60:1432-42, Oct 72

The chemotactic activity of fibrin lysis products. Stecher VJ, et al.
Int Arch Allergy Appl Immunol 43:879-86, 1972

Thrombin-catalyzed conversion of fibrinogen to fibrin. Bando M, et al. **J Biochem (Tokyo)** 71:897-9, May 72

Primary structure of human fibrinogen and fibrin. II. Structural studies on NH2-terminal part of gamma chain. Blombäck B, et al.
J Biol Chem 248:5806-20, 25 Aug 73

Isolation and characterization of human Factor VIII (antihemophilic factor). Legaz ME, et al.
J Biol Chem 248:3946-55, 10 Jun 73

Multiple active forms of thrombin. 3. Polypeptide chain location of active site serine and carbohydrate. Mann KG, et al. **J Biol Chem** 248:1868-75, 10 Mar 73

Iodination of the human platelet membrane. Studies of the major surface glycoprotein. Nachman RL, et al.
J Biol Chem 248:2928-36, 25 Apr 73

Human Factor XIII from plasma and platelets. Molecular weights, subunit structures, proteolytic activation, and cross-linking of fibrinogen and fibrin. Schwartz ML, et al. **J Biol Chem** 248:1395-407, 25 Feb 73

Vitamin K and the biosynthesis of prothrombin. 3. Structural comparison of an NH2-terminal fragment from normal and from dicoumarol-induced bovine prothrombin. Stenflo J.
J Biol Chem 248:6325-32, 25 Sep 73

Immunological studies of coagulation factor XIII. Israels ED, et al. **J Clin Invest** 52:2398-403, Oct 73

Partial purification of plasma thromboplastin antecedent (factor XI) and its activation by trypsin. Saito H, et al. **J Clin Invest** 52:850-61, Apr 73

A comparison of the TRCII and latex-particle tests for the titration of FR-antigen. Arocha-Piñango CL.
J Clin Pathol 25:757-61, Sep 72

Detection of fibrinogen-fibrin degradation products by counterelectrophoresis. Brody JI.
J Clin Pathol 25:754-6, Sep 72

A clinical and experimental study of platelet function in chronic renal failure. Evans EP, et al.
J Clin Pathol 25:745-53, Sep 72

Reptilase and thrombin clotting time of plasma from patients treated with streptokinase. Latallo ZS, et al.
J Clin Pathol 25:625, Jul 72

Fibrin lysis by thrombin elevating levels of fibrinogen and fibrin-related antigen (FR-antigen) in human serum as shown by Auto Analyzer assay. Merskey C, et al. **J Clin Pathol** 25:623, Jul 72

Studies on human plasma alpha 2-macroglobulin-enzyme interactions. Evidence for proteolytic modification of the subunit chain structure. Harpel PC. **J Exp Med** 138:508-21, 1 Sep 73

Surface lining cells of healing thrombi in rat femoral veins: an electron-microscope study. Prathap K.
J Pathol 107:1-8, May 72

Disseminated intravascular coagulation in a newborn infant with Listeria sepsis. Miller R, et al.
J Pediatr 83:640-2, Oct 73

Urothelial tumors detected by cytology: new cell block technique. Constantian HM, et al.
J Urol 109:304-7, Feb 73

An experimental study on the vascular lesions caused by disturbance of the vasa vasorum. 3. Influence of obstruction of the venous side of the vasa vasorum and the periaortic vein. Nakata Y, et al.
Jap Circ J 36:945-51, Sep 72

Acute renal failure. Wardle EN. **Lancet** 2:328, 11 Aug 73

Thrombin-time test. Wessler S, et al.
Lancet 2:877-8, 21 Oct 72

Assay of platelet factor 4 in plasma. Fuster V, et al.
Mayo Clin Proc 48:103-6, Feb 73

New method for detection and quantitation of circulating platelet aggregates. Maca RD, et al.
Microvasc Res 4:453-7, Oct 72

Effect of age on post-heparin lipase. Brodows RG, et al.
N Engl J Med 287:969-70, 9 Nov 72

Tentative immunochemical analysis of the prothrombin molecule. Lavergne JM, et al.
Pathol Biol (Paris) Suppl:47-51, Dec 72

Studies on the experimental model of pulmonary artery embolism. Chlebus H, et al. **Pol Med J** 11:1154-62, 1972

Coagulation of blood plasma of guinea pig by the bone matrix. Huggins CB, et al.
Proc Natl Acad Sci USA 70:929-33, Mar 73

Thiolester substrates for transamidating enzymes: studies on fibrinoligase. Lorand L, et al.
Proc Natl Acad Sci USA 69:2645-8, Sep 72

Fibrinaemia and multiple thrombi in pancreatic carcinoma. A case studied with quantitative N-terminal analysis. Kierulf P, et al.
Scand J Haematol 9:370-6, 1972

Diagnostic tests for paroxysmal nocturnal hemoglobinuria. Jenkins DE Jr.
Ser Haematol 5:24-41, 1972

Effect of lidoflazine (R 7904) on human platelet function in vitro. De Clerck F.
Thromb Diath Haemorrh 28:228-36, 31 Oct 72

Parallel determinations of FDP and fibrin monomers with various methods. Hedner U, et al.
Thromb Diath Haemorrh 28:268-79, 31 Oct 72

The effect of some platelet aggregating and potential thrombosis-promoting substances on the development of experimental arterial thrombosis. Hladovec J.
Thromb Diath Haemorrh 29:196-200, 28 Feb 73

Comparison of ethanol and protamine tests in demonstration of soluble fibrin and early products of

fibrin degradation. Konttinen YP, et al.
Thromb Diath Haemorrh 28:342-50, 31 Dec 72
Structural alterations in fibrin clots with dextran. Muzaffar TZ, et al.
Thromb Diath Haemorrh 28:257-67, 31 Oct 72
Studies on fibrin formation and effects of dextran. Muzaffar TZ, et al.
Thromb Diath Haemorrh 28:244-56, 31 Oct 72
A new method based on one dimensional diffusion using small glass tubes for the measurement of fibrinolytic activity. I. Fibrinolytic activity of plasmin and "euglobulin + streptokinase". Yasukouchi T, et al. **Thromb Diath Haemorrh** 28:329-41, 31 Dec 72
The influence of fluid shear on the kinetics of blood coagulation reactions. Spaeth EE, et al.
Trans Am Soc Artif Intern Organs 19:179-87, 1973
[Purification and N-terminal analysis of swine thrombin] Rossi A, et al.
C R Acad Sci [D] (Paris) 275:133-6, 3 Jul 72 **(Fre)**
[Measurement of the fibrinolytic activation capacity of urine. Description of a simplified method. Role of ions] Kahn JP, et al.
Pathol Biol (Paris) 21:339-47, Apr 73 (Eng. Abstr.) **(Fre)**
[Experimental studies on the problem of local Shwartzman phenomenon in the skin. V. Observations on the significance of blood coagulation disorders during provocation of the phenomenon in an endotoxin-free guinea pig model] Illig L, et al.
Arch Dermatol Forsch 246:11-26, 29 Jan 73 (Eng. Abstr.) **(Ger)**
[Fibrin polymerization inhibition by ferritin] Bungert HJ. **Blut** 27:20-5, Jul 73 (Eng. Abstr.) **(Ger)**
[Blood coagulation studies using capillary blood. II. Thrombin time and fibrinogen] Pothmann R, et al.
Blut 26:380-7, Jun 73 (Eng. Abstr.) **(Ger)**
[A possible pathogenetic role of intravascular coagulation in the Mallory-Weiss syndrome] Linder M. **Chirurg** 43:503-5, Nov 72 **(Ger)**
[Effect of prothrombin and fibrinogen antisera on the clotting system of bovine blood] Kotschy M.
Folia Haematol (Leipz) 98:426-36, 1972 **(Ger)**
[Humoral factors of the anticoagulative system] Kudrjashov BA.
Folia Haematol (Leipz) 98:391-6, 1972 **(Ger)**
[Molecular evolution of proteolytic enzymes] Pfleiderer G, et al.
Naturwissenschaften 59:396-405, Sep 72 (Eng. Abstr.) **(Ger)**
[Assay methods and significance of fibrin-fibrinogen degradation products in blood] Shinada S.
Acta Haematol Jap 35:607-16, Oct 72 (Eng. Abstr.) **(Jap)**
[Some recent advances in blood coagulation research] Sakuragawa N.
Jap J Clin Hematol 13:923-33, Dec 72 (48 ref.) **(Jap)**
[Detection of fibrinogen and fibrin degradation products (FDP) and its clinical significance] Fujimaki M, et al.
Jap J Clin Med 31:798-804, Apr 73 (45 ref.) **(Jap)**
[Fibrinogen and fibrin degradation products] Fujimaki M, et al. **Jap J Clin Pathol** 21:31-6, Jan 73 (42 ref.) **(Jap)**
[Usefulness of a modified thrombin generation test in the diagnosis of chronometric hypercoagulability] Zawilska K, et al.
Acta Haematol Pol 3:155-60, Apr-Jun 72 (Eng. Abstr.) **(Pol)**
[Role of the vascular wall in the process of hemostasis] Kuznik BI.
Usp Sovrem Biol 75:61-85, Jan-Feb 73 (258 ref.) **(Rus)**

ADMINISTRATION & DOSAGE

The effect of acetylsalicylic acid on the peripheral and pulmonary vascular responses to thrombin. Rådegran K. **Acta Anaesthesiol Scand** 16:140-6, 1972
The mechanism of renal glomerular capillary retention of carbon in disseminated intravascular coagulation. Donald KJ, et al. **Am J Pathol** 70:245-52, Feb 73
Vasodilator response in the hindlimb (dog) to various thrombin preparations. Joyner WL, et al.
Am J Physiol 225:487-92, Aug 73
Kinetics of the thrombin-induced release of adenosine triphosphate by platelets. Comparison with release of calcium. Detwiler TC, et al.
Biochemistry 12:2462-8, 19 Jun 73
Thrombin-induced increase in intracellular cyclic 3',5'-adenosine monophosphate in human platelets. Droller MJ, et al. **J Clin Invest** 51:3094-103, Dec 72
Amount of fibrin in different organs after intravenous, intraportal and intraaortal injection of thrombin in the rat. Busch C, et al.
Thromb Diath Haemorrh 29:87-93, 28 Feb 73
On the early detection of intravascular coagulation. An experimental study. Fedder G, et al.
Thromb Diath Haemorrh 27:365-76, 31 Jul 72
[May hepatic artery embolization replace surgical desarterialization in hepatic tumors?] Regensberg C, et al. **Nouv Presse Med** 2:1717-8, 23 Jun 73 **(Fre)**

ANALYSIS

Disseminated intravascular coagulation. Pierce LE.
Am Fam Physician 7:118-25, Feb 73
The use of laboratory determinations in the control of streptokinase therapy. Minn SK, et al.
Am J Clin Pathol 58:415-21, Oct 72
Coagulation studies in the hypertensive toxemias of pregnancy. Davidson EC Jr, et al.
Am J Obstet Gynecol 113:905-10, 1 Aug 72
Effect of estrogens on postpartum hypercoagulability and antithrombin 3 activity. Kaulla E von, et al.
Am J Obstet Gynecol 113:920-6, 1 Aug 72
Vasodilator response in the hindlimb (dog) to various thrombin preparations. Joyner WL, et al.
Am J Physiol 225:487-92, Aug 73
Immune hemolytic transfusion reactions in monkeys: activation of the kallikrein system. Lopas H, et al.
Am J Physiol 225:372-9, Aug 73
ESR probing of macromolecules: spin-labeling of the active sites of the proteolytic serine enzymes. Hsia JC, et al. **Arch Biochem Biophys** 149:441-51, Apr 72
Mechanism of action of thrombin on fibrinogen. 3. Partial mapping of the active sites of thrombin and trypsin. Liem RK, et al.
Arch Biochem Biophys 158:387-95, Sep 73
Determination of the operational molarity of solutions of bovine alpha-chymotrypsin, trypsin, thrombin and factor Xa by spectrofluorimetric titration. Jameson GW, et al. **Biochem J** 131:107-17, Jan 73
Mechanism of bovine prothrombin activation by an insoluble preparation of bovine factor X a (thrombokinase). Stenn KS, et al.
Biochemistry 11:4502-15, 21 Nov 72
Bovine factor X 1a (activated Stuart factor). Evidence of homology with mammalian serine proteases. Titani K, et al. **Biochemistry** 11:4899-903, 19 Dec 72
Differentiation of trypsin-like enzymes in human plasma. Gullick HD. **Clin Chem** 18:1385-94, Nov 72
Fibrinogen-fibrin conversion as determined by polymer bead sedimentation technique. Exner T, et al. **Experientia** 28:1421-3, 15 Dec 72
On the primary structure of bovine thrombin. Magnusson S. **Folia Haematol (Leipz)** 98:385-90, 1972
Substrates for determination of trypsin, thrombin and thrombin-like enzymes. Svendsen L, et al.
Folia Haematol (Leipz) 98:446-54, 1972
Acute hepatic necrosis of hepatitis and mushroom poisoning. The value of coagulation tests in their differentiation, prognostic assessment and pathogenesis. Herold R, et al.
Helv Med Acta 37:5-24, 1973
Effects of disseminated intravascular coagulation on pulmonary circulation and respiration. Olsson P, et al.
Int Anesthesiol Clin 10:173-9, Winter 72
Laboratory investigations of the DIC syndrome. Temperley IJ, et al. **Ir J Med Sci Suppl**:83-7, May 73
The activation of prothrombin. I. Isolation and preliminary characterization of intermediates. Heldebrant CM, et al.
J Biol Chem 248:3642-52, 25 May 73
Nonspecificity of the limulus amebocyte lysate test: positive reactions with polynucleotides and proteins. Elin RJ, et al. **J Infect Dis** 128:349-52, Sep 73
Hypofibrinogenemic states in obstetrics. Sise HS.
J Reprod Med 10:115-7, Mar 73
Defibrination in saline abortion. Schwartz R, et al.
Obstet Gynecol 40:728-37, Nov 72
The tissue factor pathway of blood coagulation. Nemerson Y, et al.
Prog Hemostasis Thromb 1:1-37, 1972 (171 ref.)
Comparative studies on various types of crude and refined thrombin preparations. Joyner WL, et al.
Res Commun Chem Pathol Pharmacol 2:919-26, Nov 71
Studies on soluble fibrin in plasma. II. N-terminal analysis of a modified fraction I (Cohn) from patient plasmas. Kieruif P.
Scand J Clin Lab Invest 31:37-42, Jan 73
L-amino acid oxidase, phosphodiesterase, total protein and other properties of juvenile timber rattlesnake

(C. H. horridus) venom at different stages of growth. Bonilla CA, et al. **Toxicon** 11:301-3, Apr 73

Contributions to the optimal use of human blood. II. The large-scale preparation of prothrombin complex. A comparison between two methods using the anion exchangers DEAE-cellulose DE 52 and DEAE-sephadex A-50. Heystek J, et al. **Vox Sang** 25:113-23, 1973

Development of large-scale fractionation methods. 3. Preparation of a factor VIII concentrate of intermediate-purity. James HL, et al. **Vox Sang** 23:402-12, 1972

A therapeutic concentrate of coagulation factors II, IX and X from citrated, factor VIII-depleted plasma. Middleton SM, et al. **Vox Sang** 24:441-56, May 73

[Hemostatic disorders in the treatment of leukoblastosis with L-asparaginase (crasnitin)] Genova V. **Vutr Boles** 12:43-9, 1973 (Eng. Abstr.) **(Bul)**

[Purification and N-terminal analysis of swine thrombin] Rossi A, et al. **C R Acad Sci [D] (Paris)** 275:133-6, 3 Jul 72 **(Fre)**

[Chrysotherapy] Buneaux F, et al. **Rev Rhum Mal Osteoartic** 40:429-38, Jun 73 (Eng. Abstr.) **(Fre)**

[Efficiency and limits of laboratory diagnosis of diffuse intravascular blood coagulation processes] Heene DL, et al. **Internist (Berlin)** 14:154-9, Apr 73 **(Ger)**

[Influence of single and repeated hemodialises on the blood coagulation status] Albert FW, et al. **Munch Med Wochenschr** 114:1917-21, 3 Nov 72 (Eng. Abstr.) **(Ger)**

[Acquired factor IX-inhibitor in a non-hemophilic patient with autoimmune disease] Largo R, et al. **Schweiz Med Wochenschr** 102:1612-3, 4 Nov 72 (Eng. Abstr.) **(Ger)**

[Use of new methods for studies of blood coagulation. II. Clot-sedimentation-technic for the determination of antithrombin I effect of fibrin] Dolesobel W. **Wien Med Wochenschr** 122:585-90, 7 Oct 72 **(Ger)**

[Effect of a heparinoid extract on the blood lipids and basal thrombodensitogram] Ferri F, et al. **Minerva Med** 64:272-7, 27 Jan 73 (Eng. Abstr.) **(Ita)**

[Microcalorimetric study of a heparin complex formation with thrombogenic proteins] Rozenfel'd MA, et al. **Izv Akad Nauk SSSR [Biol]** 3:446-50, May-Jun 72 (Eng. Abstr.) **(Rus)**

[Effect of intravenous ADP on thrombocyte aggregation and blood coagulation in animals] Pastorova VE, et al. **Probl Gematol Pereliv Krovi** 17:32-7, Jul 72 **(Rus)**

[Quaternary structure of human thrombin molecules] Chulkova TM, et al. **Vopr Med Khim** 18:652-3, Nov-Dec 72 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

The effect of acetylsalicylic acid on the peripheral and pulmonary vascular responses to thrombin. Rådegran K. **Acta Anaesthesiol Scand** 16:140-6, 1972

Human skin proteases. Fräki JE, et al. **Arch Dermatol Forsch** 243:153-63, 1972

The effect of an inhibitor of the thrombin-fibrinogen reaction on thrombin-induced blood-platelet aggregation. Flengsrud R, et al. **Biochem J** 130:899-900, Dec 72

Inhibition of the thrombin-fibrinogen reaction by a macromolecular factor from rat liver. Flengsrud R, et al. **Biochem J** 129:83-9, Aug 72

Kinetics of the thrombin-induced release of calcium (II) by platelets. Detwiler TC, et al. **Biochemistry** 12:282-9, 16 Jan 73

On the reaction of purified bovine thrombin with N-acetylimidazole. Lundblad RL, et al. **Biochemistry** 12:409-13, 30 Jan 73

Prostaglandin E1 and platelets. Bousser MG. **Biomedicine** 18:95-102, Mar 73 (63 ref.)

Conservative management of thrombo-embolism. Flute PT. **Br J Surg** 59:834-6, Oct 72

Thrombin inhibiting action of heparin. Abildgaard U. **Folia Haematol (Leipz)** 98:408-16, 1972 (31 ref.)

Studies on kallikrein inhibitors from potatoes. V. Characterization of two isolated inhibitors. Hojima Y, et al. **J Biochem (Tokyo)** 73:933-43, May 73

Aromatic esters which inhibit plasmin or thrombin by formation of relatively stable acyl enzymes. Glover G, et al. **J Med Chem** 16:262-6, Mar 73

Dl- -(4-isobutyl(cyclohexen-1-yl))aklanoic acids and derivatives as fibrinolytic and thrombolytic compounds. Vincent M, et al. **J Med Chem** 16:710-2, Jun 73

Inhibition of human platelet aggregation by dimethylsulfoxide, dimethylacetamide, and sodium glycerophosphate. Holtz GC, et al. **Proc Soc Exp Biol Med** 141:244-8, Oct 72

Studies on the activation of human factor XIII. Sheltawy MJ, et al. **Thromb Diath Haemorrh** 28:473-82, 31 Dec 72

The effect of the purified anticoagulant principle of Agkistrodon acutus venom on blood coagulation. Ouyang C, et al. **Toxicon** 11:287-92, Apr 73

[Human thrombin inhibitors (2 -macroglobulin and antithrombin 3) during and after surgical and gynecologic-obstetrical intervention] Fischer M. **Folia Haematol (Leipz)** 98:397-407, 1972 **(Ger)**

[Natural and synthetic thrombin inhibitors] Markwardt F. **Folia Haematol (Leipz)** 98:381-4, 1972 **(Ger)**

[Efficiency and limits of blood coagulation tests] Róka L. **Internist (Berlin)** 14:149-53, Apr 73 **(Ger)**

[Disseminated intravascular coagulation] Amir J. **Harefuah** 83:29-32, 2 Jul 72 (20 ref.) **(Heb)**

BIOSYNTHESIS

Hageman factor. Finley PR. **Ann Clin Lab Sci** 2:37-9, Jan-Feb 72

Qualitative platelet disorders: classification and pathogenesis. Ulutin ON. **Ann NY Acad Sci** 201:174-93, 27 Oct 72

Thrombotic predisposition associated with oral contraceptives. Zuck TF, et al. **Obstet Gynecol** 41:427-35, Mar 73

A polypeptide region of bovine prothrombin specific for binding to phospholipids. Gitel SN, et al. **Proc Natl Acad Sci USA** 70:1344-8, May 73

Behaviour of factor V and factor VIII during the process of blood coagulation. Janssen CL, et al. **Scand J Haematol** 9:531-8, 1972

Intravenous infusion of a standardised coagulation active phospholipid complex in uremic coagulation deficiency. Return to normal of thrombin generation and prothrombin consumption. Schimpf K, et al. **Thromb Diath Haemorrh** 27:554-8, 31 Jul 72

The effect of some synthetic arginyl and lysyl compounds on clotting and fibrinolysis. Weinstein MJ, et al. **Thromb Diath Haemorrh** 28:289-97, 31 Oct 72

The effects of Naja flava venom on blood coagulation. Mohamed AH, et al. **Toxicon** 10:619-25, Oct 72

[Physiological inhibitors of thrombin and thrombin synthesis] Schröer H. **Folia Haematol (Leipz)** 99:212-22, 1973 (34 ref.) (Eng. Abstr.) **(Ger)**

[Intravenous infusion of a standard coagulation-active phospholipid complex in uremic tendency to bleeding. Normalization of thrombin formation and prothrombin consumption] Schimpf K, et al. **Med Welt** 23:1258-60, 9 Sep 72 **(Ger)**

[Disseminated intravascular coagulation] Amir J. **Harefuah** 83:29-32, 2 Jul 72 (20 ref.) **(Heb)**

[Disseminated intravascular coagulation] Maekawa T. **Jap J Clin Pathol** 21:24-30, Jan 73 (7 ref.) **(Jap)**

DIAGNOSTIC USE

[Fibrinogen determination by thrombin time method] Hashimoto S. **Jap J Clin Pathol** 21:615-20, Jul 73 **(Jap)**

ISOLATION & PURIFICATION

Vasodilator response in the hindlimb (dog) to various thrombin preparations. Joyner WL, et al. **Am J Physiol** 225:487-92, Aug 73

Affinity chromatography: purification of bovine trypsin and thrombin. Hixson HF Jr, et al. **Arch Biochem Biophys** 154:501-9, Feb 73

The prufication of bovine thrombin by affinity chromatography on benzamidine-agarose. Schmer G. **Hoppe Seylers Z Physiol Chem** 353:810-4, May 72

Two forms of human thrombin. Isolation and characterization. Lanchantin GF, et al. **J Biol Chem** 248:5956-66, 10 Sep 73

Comparative studies on various types of crude and refined thrombin preparations. Joyner WL, et al. **Res Commun Chem Pathol Pharmacol** 2:919-26, Nov 71

[Effects of Rivanol and various salts on the activity of cattle and swine thrombins] Rossi A, et al. **C R Acad Sci [D] (Paris)** 275:267-70, 10 Jul 72 **(Fre)**

[Purification and N-terminal analysis of swine

thrombin] Rossi A, et al.
C R Acad Sci [D] (Paris) 275:133-6, 3 Jul 72 (Fre)

METABOLISM

In vitro platelet adhesiveness. Methods of study and clinical significance. Meyer D.
Adv Exp Med Biol 34:123-47, 1972

Hypofibrinogenemia associated with hemangioma of the liver. Martinez J, et al.
Am J Clin Pathol 60:192-7, Aug 73

Fibrinogen and the fibrinogenopathies. Morse EE.
Ann Clin Lab Sci 1:155-61, Sep-Oct 71 (30 ref.)

Site of synthesis of plasma and platelet factor XIII. McDonagh J, et al.
Ann NY Acad Sci 202:31-40, 8 Dec 72 (28 ref.)

Human platelet senescence. Karpatkin S.
Annu Rev Med 23:101-28, 1972 (56 ref.)

Nature and biological activities of degradation products of fibrinogen and fibrin. Kwaan HC, et al.
Annu Rev Med 24:335-44, 1973 (76 ref.)

Mechanism of action of thrombin on fibrinogen. 3. Partial mapping of the active sites of thrombin and trypsin. Liem RK, et al.
Arch Biochem Biophys 158:387-95, Sep 73

Studies on the coagulant enzyme from Agkistrodon rhodostoma venom. Isolation and some properties of the enzyme. Hatton MW.
Biochem J 131:799-807, Apr 73

Direct assessment of platelet adhesion to glass: a study of the forces of interaction and the effects of plasma and serum factors, platelet function, and modification of the glass surface. George JN.
Blood 40:862-74, Dec 72

Fibrinogen and FDP-models of molecular pathology? Gaffney PJ. **Br J Haematol 25:271-2, Aug 73**

Isolation of prekallikrein activator from guinea pig serum or plasma adsorbed to immune precipitates or celite: possible relationship to Hageman factor. Treloar MP, et al. **Eur J Immunol 2:338-45, Aug 72**

Thrombin inhibiting action of heparin. Abildgaard U.
Folia Haematol (Leipz) 98:408-16, 1972 (31 ref.)

Synthetic low molecular weight inhibitors of thrombin. Geratz JD. **Folia Haematol (Leipz) 98:455-70, 1972**

Two forms of human thrombin. Isolation and characterization. Lanchantin GF, et al.
J Biol Chem 248:5956-66, 10 Sep 73

Mechanism of ancrod anticoagulation. A direct proteolytic effect on fibrin. Pizzo SV, et al.
J Clin Invest 51:2841-50, Nov 72

Aromatic esters which inhibit plasmin or thrombin by formation of relatively stable acyl enzymes. Glover G, et al. **J Med Chem 16:262-6, Mar 73**

The effect of thrombin and trypsin on calcium uptake by calf platelet membranes. Robblee LS, et al.
Microvasc Res 6:99-107, Jul 73

The tissue factor pathway of blood coagulation. Nemerson Y, et al.
Prog Hemostasis Thromb 1:1-37, 1972 (171 ref.)

Studies on soluble fibrin in plasma. II. N-terminal analysis of a modified fraction I (Cohn) from patient plasmas. Kierulf P.
Scand J Clin Lab Invest 31:37-42, Jan 73

The effects of bile salts on some coagulation components and related enzymes. Engel AM, et al.
Thromb Diath Haemorrh 27:594-609, 31 Jul 72

Filipin as a tool for the study of blood coagulation reactions. Plas PM van der, et al.
Thromb Diath Haemorrh 27:584-93, 31 Jul 72

The effects of salts and of ionic strength on the hydrolysis of TAME (p-toluenesulfonyl-L-arginine methyl ester) by thrombin and thrombokinase. Roberts PS, et al.
Thromb Diath Haemorrh 27:573-83, 31 Jul 72

Fibrinogen Troyes--fibrinogen Metz. Two new cases of congenital dysfibrinogenemia. Soria J, et al.
Thromb Diath Haemorrh 27:619-33, 31 Jul 72

[The pathogenesis of thrombosis] Hugues J.
Rev Med Liege 28:11-3, 1 Jan 73 (Fre)

[Hirudin and other thrombin inhibitors from blood-sucking animals] Landmann H.
Folia Haematol (Leipz) 98:437-45, 1972 (Ger)

[Modification of thrombin activity by synthetic serine proteinase inhibitors] Walsmann P.
Folia Haematol (Leipz) 98:471-82, 1972 (Ger)

[Effects of hydroxyethyl starch on blood coagulation and fibrinolysis. 1. In vitro studies] Matsuda T, et al.
Jap J Clin Hematol 13:831-4, Oct 72 (Eng. Abstr.) (Jap)

[Fibrinogenopathies] Stahl M.
Acta Haematol Pol 3:93-9, Jan-Mar 72 (22 ref.) (Pol)

[Reaction kinetics of blood clotting factors] Uszyński L. **Acta Haematol Pol 3:207-12, Apr-Jun 72 (Pol)**

[The effect of aminazine on blood coagulation] Novak EN.
Farmakol Toksikol 35:717-20, Nov-Dec 72 (Eng. Abstr.) (Rus)

[Significance of lymphoid tissue humoral factors in regulation of body functions] Kendysh IN.
Usp Sovrem Biol 73:342-63, May-Jun 72 (193 ref.) (Rus)

PHARMACODYNAMICS

The effect of acetylsalicylic acid on the peripheral and pulmonary vascular responses to thrombin. Rådegran K. **Acta Anaesthesiol Scand 16:140-6, 1972**

Platelet factor 3--properties and clinical significance. De Gaetano G, et al. **Adv Exp Med Biol 34:159-72, 1972**

Glycogen distribution in rat blood platelets. Davis RB.
Am J Pathol 72:241-52, Aug 73

Interaction of angiotensin with disseminated intravascular coagulation: a possible mechanism in the genesis of acute renal failure. Whitaker AN, et al.
Am J Pathol 72:1-12, Jul 73

Vasodilator response in the hindlimb (dog) to various thrombin preparations. Joyner WL, et al.
Am J Physiol 225:487-92, Aug 73

Effect of external calcium and magnesium on thrombin-induced changes in calcium and magnesium of pig platelets. Kinlough-Rathbone RL, et al.
Am J Physiol 224:941-5, Apr 73

Platelet aggregation and release: effects of low concentrations of thrombin or collagen. Packham MA, et al. **Am J Physiol 225:38-47, Jul 73**

A three-dimensional view of platelet responses to chemical stimuli. Barnhart MI, et al.
Ann NY Acad Sci 201:360-90, 27 Oct 72

Regulation and mechanism of platelet aggregation. Booyse FM, et al. **Ann NY Acad Sci 201:37-60, 27 Oct 72**

Current ideas on the mechanism of platelet aggregation. Born GV.
Ann NY Acad Sci 201:4-12, 27 Oct 72

Inactivity of atractyloside against platelet release reaction. Brinson K.
Atherosclerosis 17:146-50, Jan-Feb 73

Effect of sulfhydryl inhibitors and membrane-active drugs on platelet reactions. Brinson K.
Atherosclerosis 17:139-45, Jan-Feb 73

Effect of aminophylline on blood platelet reactions. Brinson K. **Atherosclerosis 16:233-9, Sep-Oct 72**

The effect of an inhibitor of the thrombin-fibrinogen reaction on thrombin-induced blood-platelet aggregation. Flengsrud R, et al.
Biochem J 130:899-900, Dec 72

Phospholipase A-1 of human blood platelets. Smith JB, et al. **Biochem J 131:615-8, Mar 73**

Kinetics of the thrombin-induced release of calcium (II) by platelets. Detwiler TC, et al.
Biochemistry 12:282-9, 16 Jan 73

Kinetics of the thrombin-induced release of adenosine triphosphate by platelets. Comparison with release of calcium. Detwiler TC, et al.
Biochemistry 12:2462-8, 19 Jun 73

The action of thrombin on blood clotting factor V: conversion of factor V to a prothrombin-binding protein. Esmon CT, et al.
Biochim Biophys Acta 310:289-94, 17 May 73

Relationship of glucose oxidation to aggregation of human platelets. Chaudhry AA, et al.
Blood 41:249-58, Feb 73

Lysolecithin metabolism by human platelets. Elsbach P, et al. **Blood 37:675-83, Jun 71**

Quantitative studies on the release of platelet fibrinogen by thrombin. Keenan JP, et al.
Br J Haematol 23:461-6, Oct 72

A quantitative evaluation of the inhibition of platelet aggregation by low molecular weight degradation products of fibrinogen. Solum NO, et al.
Br J Haematol 24:419-34, Apr 73

Hereditary giant platelet syndrome: a disorder of a new aspect of platelet function. Howard MA, et al.
Br Med J 2:586-8, 9 Jun 73

Studies of the coagulation process in the crayfish, Orconectes virilis: attempts to identify a fibrinogen-like factor. Wood PJ, et al.
Comp Biochem Physiol [B] 42:41-8, 15 May 72

Thrombin-induced 'macrophage disappearance reaction' in mice. Jókay I, et al.
Experientia 29:334-5, 15 Mar 73

Characterization of the chemotactic activity of casein

for neutrophil leucocytes and macrophages. Wilkinson PC. **Experientia** 28:1051-2, 15 Sep 72
Some properties of blood platelets in animal species. Donner L, et al.
Folia Haematol (Leipz) 98:296-302, 1972
Effects of disseminated intravascular coagulation on pulmonary circulation and respiration. Olsson P, et al.
Int Anesthesiol Clin 10:173-9, Winter 72
Increased plasminogen activator (urokinase) in tissue culture after fibrin deposition. Bernik MB.
J Clin Invest 52:823-34, Apr 73
Altered lipid metabolism in human platelets after primary aggregation. Deykin D.
J Clin Invest 52:483-92, Feb 73
Thrombin-induced increase in intracellular cyclic 3',5'-adenosine monophosphate in human platelets. Droller MJ, et al. **J Clin Invest** 51:3094-103, Dec 72
Plasmin-induced platelet aggregation and platelet release reaction. Effects on hemostasis. Niewiarowski S, et al. **J Clin Invest** 52:1647-59, Jul 73
Plasmin-induced platelet aggregation and platelet release reaction. Effects on hemostasis. Niewiarowski S, et al. **J Clin Invest** 22:1647-59, Jul 73
The subunit structure of normal and hemophilic factor VIII. Shapiro GA, et al.
J Clin Invest 52:2198-210, Sep 73
Identification of inorganic pyrophosphate in human platelets and its release on stimulation with thrombin. Silcox DC, et al. **J Clin Invest** 52:1595-600, Jul 73
Identification of inorganic pyrophosphate in human platelets and its release on stimulation with thrombin. Silcox DC, et al. **J Clin Invest** 22:1595-600, Jul 73
Platelet metabolism in acute leukemia. Cowan DH.
J Lab Clin Med 82:54-66, Jul 73
Platelet function and survival in sickle cell disease. Haut MJ, et al. **J Lab Clin Med** 82:44-53, Jul 73
Inhibition of the platelet-dependent fibrin retraction by the fibrin stabilizing factor (FSF, factor 13). Niewiarowski S, et al. **J Lab Clin Med** 81:641-50, May 73
Studies of glycosidases in fresh and stored human platelets. Schmukler M, et al.
J Lab Clin Med 80:635-43, Nov 72
Inhibition of activated factor X-induced platelet aggregation: the role of heparin and the plasma inhibitor to activated factor X. Yin ET, et al.
J Lab Clin Med 82:390-8, Sep 73
The effect of thrombin and trypsin on calcium uptake by calf platelet membranes. Robblee LS, et al.
Microvasc Res 6:99-107, Jul 73
Platelet requirement in the interaction of the complement and clotting systems. Siraganian RP.
Nature [New Biol] 239:208-10, 18 Oct 72
Activation of the fibrinolytic and natural anticoagulant system in rats by injection of thrombin. Lucas ON, et al. **Pharmacol Ther Dent** 1:233-40, Jun 71
Effects of penicillin G on platelet aggregation, release, and adherence to collagen. Cazenave JP, et al.
Proc Soc Exp Biol Med 142:159-66, Jan 73
Inhibition of human platelet aggregation by dimethylsulfoxide, dimethylacetamide, and sodium glycerophosphate. Holtz GC, et al.
Proc Soc Exp Biol Med 141:244-8, Oct 72
Human blood prostaglandins: formation during clotting. Silver MJ, et al.
Prostaglandins 1:429-36, Jun 72
Letters to the editor: prostaglandins in blood. Silver MJ, et al. **Prostaglandins** 2:75-7, Aug 72
Effects of thrombin and serotonin upon the energetics of blood platelets: adenine nucleotides and some related enzymes. Chirvasie R, et al.
Rev Roum Physiol 9:443-51, 1972
Studies on soluble fibrin in plasma. 3. N-terminal analysis of a modified fraction I (Cohn) from plasmin- and thrombin-incubated plasma. Kierulf P.
Scand J Clin Lab Invest 31:43-9, Jan 73
Heart lymph flow and aspartate aminotransferase activity after infusion of thrombin and tranexamic acid in the dog. Lindquist O, et al.
Scand J Clin Lab Invest 30:145-51, Oct 72
Erythrocytosis associated with haemoglobin Malmö, accompanied by pulmonary changes, occurring in the same family. Berglund S.
Scand J Haematol 9:355-69, 1972
Inactivation of platelet factor 4 in plasma. Eika C, et al.
Scand J Haematol 9:343-50, 1972
Behaviour of factor V and factor VIII during the process of blood coagulation. Janssen CL, et al.
Scand J Haematol 9:531-8, 1972
Study of the clotting, esterase and platelet aggregating activities of thrombin, acetylated thrombin and reptilase. Tangen O, et al.
Scand J Haematol 9:333-8, 1972
Complement-induced platelet protein alterations. Zimmerman TS, et al. **Science** 180:1183-5, 15 Jun 73
Clinical application of platelet aggregation. Attar S, et al. **South Med J** 66:481-5, Apr 73
Influence of factor VII on the assay of factor VIII by the one stage method using wettable surface. Altman R, et al. **Thromb Diath Haemorrh** 28:457-63, 31 Dec 72
Structure-activity relationships for the inhibition of plasmin and plasminogen activation by aromatic diamidines and a study of the effect of plasma proteins on the inhibition process. Geratz JD.
Thromb Diath Haemorrh 29:154-67, 28 Feb 73
Aggregation in vitro of immature thrombocytes from early chick embryos. Greenberg JH.
Thromb Diath Haemorrh 28:14-23, 31 Aug 72
Requirements for aggregation of washed human platelets suspended in buffered salt solutions. Harbury CB, et al.
Thromb Diath Haemorrh 28:2-13, 31 Aug 72
Antihemophilic factor: separation of an active fragment following dissociation by salts or detergents. Owen WG, et al.
Thromb Diath Haemorrh 27:502-15, 31 Jul 72
Studies on the activation of human factor XIII. Sheltawy MJ, et al.
Thromb Diath Haemorrh 28:473-82, 31 Dec 72
Factors affecting factor XIII assay by dansyl cadaverine incorporation. Sheltawy MJ, et al.
Thromb Diath Haemorrh 28:483-8, 31 Dec 72
Characterization of the coagulant activity of some snake venoms. Denson KW, et al.
Toxicon 10:557-62, Oct 72
Coagulant and esterase activities of thrombin and Bothrops atrox venom. Devi A, et al.
Toxicon 10:563-73, Oct 72
The effects of Naja flava venom on blood coagulation. Mohamed AH, et al. **Toxicon** 10:619-25, Oct 72
[Effects of Rivanol and various salts on the activity of cattle and swine thrombins] Rossi A, et al.
C R Acad Sci [D] (Paris) 275:267-70, 10 Jul 72 **(Fre)**
[Study of the in-vitro degranulation of blood platelets with a quantitative ultrastructural method] Bryon PA, et al. **C R Soc Biol (Paris)** 166:893-8, 1972 **(Fre)**
[Fibrinogen: biophysical, biochemical and biological properties] Krantz S, et al.
Folia Haematol (Leipz) 98:1-30, 1972 (283 ref.) (Eng. Abstr.) **(Ger)**
[Significance of thrombin and adrenaline for the development of secondary anticoagulation system (SAC) in experimental animals] Kudrjashov BA, et al.
Folia Haematol (Leipz) 99:76-84, 1973 (Eng. Abstr.) **(Ger)**
[Therapy of shock using vaso- and coagulation-active substances. Behavior of tissue oxygen in the dog kidney under the influence of vaso- and coagulation-active substances] Lenz J, et al.
Fortschr Med 90:1199-201, 16 Nov 72 **(Ger)**
[The lung in shock: accumulation of thrombocytes following trauma and intravasal coagulation] Bergentz SE, et al.
Langenbecks Arch Chir 329:658-64, Dec 71 (Eng. Abstr.) **(Ger)**
[Biochemical, physiopathological and clinical aspects of platelet adhesiveness] Gandolfo GM.
Recent Prog Med (Roma) 52:596-630, Jun 72 **(Ita)**
[Fibrinolysis associated with consumption coagulopathy] Moriguchi T.
Jap J Clin Hematol 13:157-66, Apr 72 (Eng. Abstr.) **(Jap)**
[Reactivity of the blood coagulation system in experimental adrenal insufficiency] Petrishchev NN.
Vestn Khir 110:37-41, Apr 73 (Eng. Abstr.) **(Rus)**
[The origin and physiological importance of activated plasminogen and plasmin in excitation of the anticoagulative system] Kudriashov BA, et al.
Vopr Med Khim 19:136-40, Mar-Apr 73 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Fibrinolysis and haemostasis. Castaldi PA, et al.
Aust NZ J Med 2:113-7, May 72
Thrombin-induced increase in intracellular cyclic 3',5'-adenosine monophosphate in human platelets. Droller MJ, et al. **J Clin Invest** 51:3094-103, Dec 72
Role for a 2 -macroglobulin in haemostatic balance. Rinderknecht H, et al.
Nature [New Biol] 239:116-7, 27 Sep 72

Structural organization of the fibrinogen macromolecule related to the process of fibrin formation. Velican D.
Rev Roum Med Intern 9:419-36, 1972 (84 ref.)
Behaviour of factor V and factor VIII during the process of blood coagulation. Janssen CL, et al.
Scand J Haematol 9:531-8, 1972
[Fibrinogen. Hereditary hypo--and dysfibrinogenemia] Gajdos A.
Nouv Presse Med 2:1067-71, Apr 73 (30 ref.) **(Fre)**
[Origin and physiological significance of "activated" plasminogen and plasmin for the mobilization of the anticoagulation system] Kudrjaschow BA, et al.
Folia Haematol (Leipz) 98:313-21, 1972 (Eng. Abstr.) **(Ger)**
[Natural and synthetic thrombin inhibitors] Markwardt F.
Folia Haematol (Leipz) 98:381-4, 1972 **(Ger)**

STANDARDS

WHO Expert Committee on Biological Standardization: twenty-fifth report. **WHO Tech Rep Ser** 530:1-66, 1973
[Experimental testing of local hemostyptics] Köhnlein HE, et al. **Chirurg** 43:378-81, Aug 72 **(Ger)**

THERAPEUTIC USE

[May hepatic artery embolization replace surgical desarterialization in hepatic tumors?] Regensberg C, et al. **Nouv Presse Med** 2:1717-8, 23 Jun 73 **(Fre)**
[Therapy of shock using vaso- and coagulation-active substances. Behavior of tissue oxygen in the dog kidney under the influence of vaso- and coagulation-active substances] Lenz J, et al.
Fortschr Med 90:1199-201, 16 Nov 72 **(Ger)**
[Clinical experience with fibrin-pyelotomy] Burchardt P, et al. **Urologie [A]** 11:221-4, Jul 72 **(Ger)**
[The therapeutic management of hemorrhagic diathesis in dentistry] Pantazapoulos P, et al.
Stomatologia (Athenai) 29:415-24, Nov-Dec 72 (Eng. Abstr.) **(Gre)**

THROMBOCYTOSIS

The spectrum of myeloproliferative disorders. Gilbert HS. **Med Clin North Am** 57:355-93, Mar 73 (129 ref.)
The effect of methotrexate and folinic acid therapy on the platelet count. Shaw MT.
Scand J Haematol 10:24-7, 1973

BLOOD

Thrombocytosis. Selroos O.
Acta Med Scand 193:431-6, May 73
Thrombocytosis and thrombocythemia: the laboratory and clinical significance of an elevated platelet count. Davis WM, et al. **Am J Clin Pathol** 59:243-7, Feb 73
Vascular hemostasis: a review. Stevens DJ.
Am J Med Technol 39:252-7, Jun 73 (50 ref.)
Platelet defects in the myeloproliferative disorders. Inceman S, et al. **Ann NY Acad Sci** 201:251-61, 27 Oct 72
Platelet size in thrombocytopenias and thrombocytosis of various origin. Kraytman M. **Blood** 41:587-98, Apr 73
Hemoglobin abnormalities in neoplastic hematological disorders. Walker IR, et al.
Can Med Assoc J 108:843-7, 7 Apr 73
Platelet and fibrinogen kinetics in the chronic myeloproliferative disorders. Brodsky I, et al.
Cancer 30:1444-50, Dec 72

CHEMICALLY INDUCED

Effect of vincristine on the megakaryocyte system in mice. Krizsa F, et al. **J Med (Basel)** 4:12-8, 1973

COMPLICATIONS

Thrombocytosis. A source of increased bleeding tendency. Solhaug JH. **Acta Chir Scand** 139:225-7, 1973
Thrombocytosis in multiple myeloma. Zimelman AP.
Ann Intern Med 78:970-1, Jun 73
Raised immunoglobulin levels and thrombocytosis in infantile cortical hyperostosis. Temperley IJ, et al.
Arch Dis Child 47:982-3, Dec 72
Peripheral gangrene as the presentation of myeloproliferative disorders. Gillespie G.
Br J Surg 60:377-80, May 73
Thrombocytosis in ulcerative colitis and Crohn's disease. Talstad I, et al.
Scand J Gastroenterol 8:135-8, 1973

DIAGNOSIS

Postsplenectomy thrombocythemia: an unmasked myeloproliferative disorder. Jamshidi K, et al.
J Am Geriatr Soc 21:419-24, Sep 73
[Thrombocythemia after splenectomy] Mallarmé J.
Chirurgie 99:45-9, 10 Jan 73 (Eng. Abstr.) **(Fre)**

DRUG THERAPY

Thrombocytosis. A source of increased bleeding tendency. Solhaug JH. **Acta Chir Scand** 139:225-7, 1973
Metabolism of human prothrombin and fibrinogen in patients with thrombocytosis secondary to myeloproliferative states. Martinez J, et al.
Blood 42:35-46, Jul 73
Postsplenectomy thrombocythemia: an unmasked myeloproliferative disorder. Jamshidi K, et al.
J Am Geriatr Soc 21:419-24, Sep 73
[Thrombocythemia after splenectomy] Mallarmé J.
Chirurgie 99:45-9, 10 Jan 73 (Eng. Abstr.) **(Fre)**

ETIOLOGY

Thrombocytosis. Selroos O.
Acta Med Scand 193:431-6, May 73
Thrombocytosis and thrombocythemia: the laboratory and clinical significance of an elevated platelet count. Davis WM, et al. **Am J Clin Pathol** 59:243-7, Feb 73
Complications of splenectomy. Slater H.
Am Surg 39:221-3, Apr 73
Metabolism of human prothrombin and fibrinogen in patients with thrombocytosis secondary to myeloproliferative states. Martinez J, et al.
Blood 42:35-46, Jul 73
Prevention of thromboembolism. Sharnoff JG.
Bull NY Acad Med 49:655-60, Aug 73
Postsplenectomy thrombocythemia: an unmasked myeloproliferative disorder. Jamshidi K, et al.
J Am Geriatr Soc 21:419-24, Sep 73
Thrombocythaemia in actinomycosis. Armata J, et al.
Lancet 1:261, 4 Aug 73
Early mortality in the megaloblastic anaemias. Lawson DH, et al. **Q J Med** 41:1-14, Jan 72
Thrombocytosis in rheumatoid arthritis. Selroos O.
Schriftenr Ver Wasser Boden Lufthyg 1:136-40, 1972
[Thrombocythemia after splenectomy] Mallarmé J.
Chirurgie 99:45-9, 10 Jan 73 (Eng. Abstr.) **(Fre)**
[Portal splenic congestion. Its significance for surgery of portal hypertension and for other epigastric surgical interventions] Ebber G.
Chirurg 44:301-3, Jul 73 **(Ger)**
[Clinico-pathological conference: abdominal pain, fever, vomiting, glutathione deficiency, hepatomegaly, leucocytosis, thrombocytosis] Michaeli D, et al. **Harefuah** 82:575-80, 15 Jun 72 **(Heb)**

METABOLISM

Metabolism of human prothrombin and fibrinogen in patients with thrombocytosis secondary to myeloproliferative states. Martinez J, et al.
Blood 42:35-46, Jul 73
LDH activity and isoenzymes in platelets: relation to thrombopoietic activity in man and rats. Knudsen FU.
Scand J Haematol 9:459-64, 1972

PATHOLOGY

Thrombocytosis in multiple myeloma. Zimelman AP.
Ann Intern Med 78:970-1, Jun 73

SURGERY

Peripheral gangrene as the presentation of myeloproliferative disorders. Gillespie G.
Br J Surg 60:377-80, May 73

THROMBOPENIA

Multiple myeloma with urinary excretion of heavy chain components of IgG and nodular glomerulosclerosis. Solling K, et al.
Acta Med Scand 194:23-30, Jul-Aug 73
Cholinesterase as a possible marker for early cells of the megakaryocytic series. Jackson CW.
Blood 42:413-21, Sep 73

The hemagglutination-inhibition assay for thrombopoietin. McDonald TP.
Blood 41:219-33, Feb 73

Hypofibrinogenemic states in obstetrics. Sise HS.
J Reprod Med 10:115-7, Mar 73

Hematologic problems in the newborn. Oski FA, et al.
Major Probl Clin Pediatr 4:1-400, 1972

Thrombocytopenia. A case report. Freedman PD, et al.
NY J Dent 38:552-5, Nov 72

Thrombocytopenia. A case report. Freedman PD, et al.
NY State Dent J 38:552-5, Nov 72

The effect of methotrexate and folinic acid therapy on the platelet count. Shaw MT.
Scand J Haematol 10:24-7, 1973

[Minimum consumption coagulopathies with normal or raised fibrinogen level] Salvatori JM, et al.
Nouv Presse Med 2:512, 24 Feb 73 (Fre)

[Diagnostic criteria for the early diagnosis of septicemia] Riedler GF.
Dtsch Med Wochenschr 98:1370-1, Jul 73 (Ger)

[Various blood platelet enzymes (LDH, G-6-PDH) in chronic hepatitis and in liver cirrhosis] Kiss A, et al.
Folia Haematol (Leipz) 99:180-90, 1973 (Eng. Abstr.) (Ger)

[Methods for determination of the thrombopenic index and its practical significance in the detection of drug allergies] Klaschka F. **Hautarzt** 23:426-7, Sep 72 (Ger)

[Tyrosinosis. Primary and secondary biochemical changes] Nützenadel W, et al.
Z Kinderheilkd 113:193-204, 1972 (Eng. Abstr.) (Ger)

[Thrombopenias] Dioguardi N.
Minerva Med 63:4983-96, 19 Dec 72 (Ita)

[Thrombopenic syndromes and platelet disorders in childhood. Conclusions] Feriazzo A.
Minerva Pediatr 24:1431-3, 15 Sep 72 (Ita)

[Clinical forms and therapy of thrombopenic syndromes in childhood] Lombardo G, et al.
Minerva Pediatr 24:1331-403, 15 Sep 72 (Ita)

[Immunohematological studies of idiopathic thrombocytopenia] Walewska I, et al.
Acta Haematol Pol 2:203-11, Jul-Sep 71 (Eng. Abstr.) (Pol)

[Emergency anesthesia and diseases of genetic origin] Lesaru-Soltuz V, et al.
Chirurgia (Bucur) 21:569-74, Jun 72 (Rum)

[Bleeding in oral surgery] Radmilo R, et al.
Stomatol Glas Srb 240-3, Aug-Oct 72 (Eng. Abstr.) (Cro)

BLOOD

Vascular hemostasis: a review. Stevens DJ.
Am J Med Technol 39:252-7, Jun 73 (50 ref.)

Lack of coagulation defect after terminating second-trimester pregnancy by the catheter technique. Beller FK, et al.
Am J Obstet Gynecol 115:822-6, 15 Mar 73

Site of synthesis of plasma and platelet factor XIII. McDonagh J, et al.
Ann NY Acad Sci 202:31-40, 8 Dec 72 (28 ref.)

Intrinsic platelet defects in hereditary thrombocytopenia. Murphy S.
Ann NY Acad Sci 201:421-8, 27 Oct 72

Platelet size in thrombocytopenias and thrombocytosis of various origin. Kraytman M. **Blood** 41:587-98, Apr 73

Platelet age: its relationship to platelet size, function and metabolism. Hirsh J.
Br J Haematol 23:Suppl:209-14, Sep 72 (33 ref.)

Observations on the mechanism of the haematological changes in the haemolytic uraemic syndrome of infancy. Metz J. **Br J Haematol** 23:Suppl:53-9, Sep 72

Investigations on acid phosphatase activity in human plasma and serum. Modder CP.
Clin Chim Acta 43:205-14, 24 Jan 73

Platelet metabolism in acute leukemia. Cowan DH.
J Lab Clin Med 82:54-66, Jul 73

Abnormal platelet function, population, and survival-time in a boy with congenital absent radii and thrombocytopenia. Sultan Y, et al.
Lancet 2:653, 23 Sep 72

Hematologic manifestations of systemic disease. Taylor JC. **Pediatr Clin North Am** 19:1071-82, Nov 72 (51 ref.)

Autoimmune thrombocytopenia occurring in a young woman with idiopathic haemochromatosis. Habib MA, et al. **Scand J Haematol** 10:148-52, 1973

Clearance of endotoxin by platelets: role in increasing the accuracy of the Limulus gelation test and in combating experimental endotoxemia. Das J, et al.
Surgery 74:235-40, Aug 73

[The spontaneous standardized platelets adhesion and aggregation in the counting chamber. A simple way of determination of platelet function from small blood volumes] Podolsak B.
Acta Haematol (Basel) 49:96-107, 1973 (Ger)

[Nuclear shadow in lymphocytic leukemia] Heimpel H.
Dtsch Med Wochenschr 98:289, 9 Feb 73 (Ger)

[Measurement of platelet adhesiveness using a modified form of the Hellem II method with special reference to Von Willebrand-Jürgens syndrome] Niessner H.
Thromb Diath Haemorrh 27:434-51, 31 Jul 72 (Eng. Abstr.) (Ger)

[Heredofamilial thrombocytopenia] Fleschi A.
Minerva Med 64:1863-70, 19 May 73 (Eng. Abstr.) (Ita)

[Effect of umbilical cord serum on erythroblast proliferative activity in short-term bone marrow cultures] Gabutti V, et al.
Minerva Pediatr 25:85-90, 4 Feb 73 (Eng. Abstr.) (Ita)

[Familial thrombocytopenia with giant platelets: a report of 2 siblings] Tanoue K, et al.
Acta Haematol Jap 36:159-65, Apr 73 (Eng. Abstr.) (Jap)

[Immunohematological studies of idiopathic thrombocytopenia] Walewska I, et al.
Acta Haematol Pol 2:203-11, Jul-Sep 71 (Eng. Abstr.) (Pol)

[Blood platelet disorders in thrombocytopenia] Nawrocka-Kańska B, et al.
Folia Med Cracov 15:127-30, 1973 (Pol)

CHEMICALLY INDUCED

Blood dyscrasias attributed to chloramphenicol. A review of 576 published and unpublished cases. Polak BC, et al. **Acta Med Scand** 192:409-14, Nov 72

Gold-induced thrombocytopenia. Canada AT.
Am J Hosp Pharm 30:340-2, Apr 73

Detection of drug-induced blood dyscrasias. Swanson M, et al. **Am J Hosp Pharm** 30:534-7, Jun 73

Methotrexate U.S.P. (amethopterin) and methotrexate sodium.
Am J Hosp Pharm 30:542-8, Jun 73

The hematologic disorders of alcoholism. Eichner ER.
Am J Med 54:621-30, May 73 (62 ref.)

Pilot study evaluating 1,3-bis(2-chloroethyl)-1-nitrosourea in the treatment of advanced ovarian carcinoma. Jorgensen EO, et al.
Am J Obstet Gynecol 116:769-70, 15 Jul 73

Lincomycin: thrombocytopenia? Raff MJ.
Ann Intern Med 78:779, May 73

5-Fluorocytosine therapy. Weese WC, et al.
Ann Intern Med 77:1003-4, Dec 72

Depression of bone marrow and thrombocytopenia associated with chrysotherapy. Kay A.
Ann Rheum Dis 32:277-8, May 73

Mechanism of action of some anti-rheumatic drugs in allergic blood diseases. Nieweg HO, et al.
Ann Rheum Dis 32:90, Jan 73

Psoriasis with hydroxyurea. An 18-month study of 60 patients. Moschella SL, et al.
Arch Dermatol 107:363-8, Mar 73

The Jewish Hospital of St. Louis therapeutic grand rounds number 3. Drug-induced blood dyscrasias. Rosenblum D, et al. **Arch Intern Med** 131:750-2, May 73

Azathioprine in the treatment of Crohn's disease. Rhodes J. **Br J Surg** 59:819-21, Oct 72

Drug-induced blood dyscrasias in Sweden. Böttiger LE, et al. **Br Med J** 3:339-43, 11 Aug 73

Epipodophyllotoxin VP 16213 in treatment of acute leukaemias, haematosarcomas, and solid tumours.
Br Med J 3:199-202, 28 Jul 73

Protamine--antagonist to heparin. Jaques LB.
Can Med Assoc J 108:1291-7, 19 May 73 (30 ref.)

Chemotherapy of sarcomas with a combination of adriamycin and dimethyl triazeno imidazole carboxamide. Gottlieb JA, et al.
Cancer 30:1632-8, Dec 72

Preliminary clinical experience with cis-diamminedichloroplatinum (II) (NSC 119875, CACP). Rossof AH, et al. **Cancer** 30:1451-6, Dec 72

Hexamethylmelamine (NSC-13875) alone and in combination with 5-(3, 3-dimethyl-1-triazeno) imidazole-4-carboxamide (NSC-45388) in the treatment of advanced cancer. Stolinsky DC, et al.
Cancer 30:654-9, Sep 72

Treatment of Kaposi's sarcoma with a combination of actinomycin D and vincristine. Results of a randomized clinical trial. Vogel CL, et al.
Cancer 31:1382-91, Jun 73

Initial clinical trials with methyl-CCNU

1-(2-chlorethyl)-3-(4-methyl cyclohexyl)-1-nitrosourea (MeCCNU). Young RC, et al. **Cancer** 31:1164-9, May 73

5-(3,3-Dimethyl-1-triazeno)imidazole-4-carboxamide (NSC-45388) in the treatment of advanced acute lymphocytic leukemia in children. Finklestein JZ, et al. **Cancer Chemother Rep** 56:523-6, Aug 72

Combination therapy with 5-fluorouracil (5-FU; NSC-19893) and 1,3-bis(2-chloroethyl)-1-nitrosourea (BCNU; NSC-409962) for disseminated gastrointestinal carcinoma. Lokich JJ, et al. **Cancer Chemother Rep** 56:653-7, Oct 72

Phase I clinical trial of weekly and daily treatment with camptothecin (NSC-100880): correlation with preclinical studies. Muggia FM, et al. **Cancer Chemother Rep** 56:515-21, Aug 72

BCNU (NSC-409962) in the treatment of bronchogenic carcinoma. Whittington RM, et al. **Cancer Chemother Rep** 56:739-43, Dec 72

Vincristine treatment of advanced cancer: a cooperative study of 392 cases. Holland JF, et al. **Cancer Res** 33:1258-64, Jun 73

Evaluation of aniline mustard in patients with multiple myeloma. Kyle RA, et al. **Cancer Res** 33:956-60, May 73

Daunorubicin in the therapy of acute granulocytic leukemia. Weil M, et al. **Cancer Res** 33:921-8, May 73

1-2(2-Chloroethyl)-3-cyclohexyl-1-nitrosourea (CCNU, NSC-79037): a comparison of drug administration at four-week and six-week intervals. Broder LE, et al. **Eur J Cancer** 9:147-52, Feb 73

Comparison between the polymyxins and gentamicin in preventing endotoxin-induced intravascular coagulation and leukopenia. Corrigan JJ Jr, et al. **Infect Immun** 4:563-6, Nov 71

Digitoxin-induced thrombocytopenia. Medenica R, et al. **Int Arch Allergy Appl Immunol** 43:1-8, 1972

Hexamethylmelamine (NSC-13875) for acute leukemia and solid tumors in children. Dyment PG, et al. **J Clin Pharmacol** 13:111-3, Feb-Mar 73

Effect of vincristine on the megakaryocyte system in mice. Krizsa F, et al. **J Med (Basel)** 4:12-8, 1973

Thrombocytopenia following administration of para-aminosalicylic acid. Feigin RD, et al. **J Pediatr** 83:502-3, Sep 73

The chemotherapy of brain tumors. Clinical experience with carmustine (BCNU) and vincristine. Fewer D, et al. **JAMA** 222:549-52, 30 Oct 72

Mitotane use in inoperable adrenal cortical carcinoma. Lubitz JA, et al. **JAMA** 223:1109-12, 5 Mar 73

Lomustine treatment of metastatic renal cell carcinoma. Mittelman A, et al. **JAMA** 225:32-5, 2 Jul 73

Controlled trial of D(-)penicillamine in severe rheumatoid arthritis. **Lancet** 1:275-80, 10 Feb 73

Pyrimethamine-induced leukopenia and thrombocytopenia in a patient with malaria and tropical sprue: case report. Matthews JI, et al. **Milit Med** 138:280-3, May 73

Platgelet transfusion for quinidine-induced thrombocytopenia. Moss RA, et al. **N Engl J Med** 288:522-3, 8 Mar 73

Daunorubicin and adriamycin in the treatment of leukemia. Klener P, et al. **Neoplasma** 20:87-96, 1973

Drug-induced blood dyscrasias. Eisenhauer LA. **Nurs Clin North Am** 7:799-808, Dec 72

Adverse hematologic effects of drugs. Pochedly C, et al. **Pediatr Clin North Am** 19:1095-111, Nov 72 (76 ref.)

Quinidine-induced thrombocytopenia. Libman LJ, et al. **Proc R Soc Med** 65:590, Jul 72

Combination chemotherapy in the treatment of advanced Hodgkin's disease. Sacks P, et al. **S Afr Med J** 47:903-7, 2 Jun 73

Control of bacteriuria with sulphamethoxazole-trimethoprim in patients with urinary tract obstruction and chronic infection. A preliminary report. Nielsen ML, et al. **Scand J Urol Nephrol** 6:239-43, 1972

The treatment of juvenile rheumatoid arthritis with azathioprine. Dale I. **Schriftenr Ver Wasser Boden Lufthyg** 1:125-7, 1972

Hematologic aspects oa alcoholism. Straus DJ. **Semin Hematol** 10:183-94, Jul 73 (85 ref.)

Heparin induced thrombocytopenia with thrombotic and hemorrhagic manifestations. Rhodes GR, et al. **Surg Gynecol Obstet** 136:409-16, Mar 73

Disseminated intravascular coagulation induced by liquoid in normal, thrombocytopenic and granulocytopenic rabbits. Light and electron microscope studies. Skjorten F, et al. **Thromb Diath Haemorrh** 27:377-88, 31 Jul 72

Combination chemotherapy: rationale for schedule selection and use of agents with independent toxicities in phase I and II clinical trials. Gottlieb JA. **Transplant Proc** 5:1185-9, Sep 73

Apparent depression of antigens of the Kell blood group system associated with autoimmune acquired haemolytic anaemia. Seyfried H, et al. **Vox Sang** 23:528-36, Dec 72

Apparent depression of antigens of the Kell blood group system associated with autoimmune acquired haemolytic anaemia. Seyfried H, et al. **Vox Sang** 22:528-36, Dec 72

[Methotrexate in the therapy of psoriasis] Stáva Z. **Cesk Dermatol** 48:203-6, Jun 73 (Cze)

[Thrombocytopenia after carbamazepine (Tegretol) therapy] Jensen OM. **Ugeskr Laeger** 134:1442-3, 3 Jul 72 (Dan)

[Salicylate poisoning] Frejaville JP. **Acad Rev** 2:1372, 19 May 73 (Fre)

[2 cases of thiophenicol induced thrombopenia] Bolgert M, et al. **Ann Med Interne (Paris)** 123:431-2, Apr 72 (Fre)

[Possible accidents due to penicillamine during treatment of Wilson's disease] Boudin G, et al. **Bull Acad Natl Med (Paris)** 156:375-9, May 72 (Fre)

[Hematologic disorders in acute alcoholism. Study of 27 chronic alcoholic patients hospitalized in a state of intoxication] Coste T, et al. **Sem Hop Paris** 48:2427-32, 10 Sep 72 (Eng. Abstr.) (Fre)

[Effect of the oral antidiabetic agent glibornuride on blood coagulation, blood platelets, and fibrinolysis] Voss D, et al. **Arzneim Forsch** 22:Suppl 12A:2219, Dec 72 (Eng. Abstr.) (Ger)

[Effect of the oral antidiabetic agent glibornuride on blood coagulation, blood platelets, and fibrinolysis] Voss D, et al. **Arzneim Forsch** 22:Suppl 12a:2219+, Dec 72 (Eng. Abstr.) (Ger)

[Drug-induced diseases of the mouth and jaw region] Nenning K. **Dtsch Stomatol** 22:897-903, Nov 72 (Eng. Abstr.) (Ger)

[Endotoxin effect] Fritsch H. **Fortschr Med** 90:989-92, 28 Sep 72 (Ger)

[Therapeutic experience with trimethoprim and sulfamethoxazole in infections of infancy and childhood] Kerstan J, et al. **Klin Paediatr** 184:467-73, Nov 72 (Eng. Abstr.) (Ger)

[On the therapy of lymphogranuloma. CCNU (1(2-chlorethyl)-3-cyclohexyl-1-nitrosourea) and BCNU (1,3-bis(2-chlorethyl)-1-nitrosourea) as well as BCNU combinations in Hodgkin's lymphogranuloma, stage 3 and 4] Brunner KW, et al. **Schweiz Med Wochenschr** 102:1546-51, 28 Oct 72 (Eng. Abstr.) (Ger)

[Allergy to antitubercular agents; with special reference to new drugs] Mühlberger F. **Schweiz Med Wochenschr** 103:126-31, 27 Jan 73 (Eng. Abstr.) (Ger)

[Threatening reaction in intermittent rifampicin administration] Krönig B, et al. **Verh Dtsch Ges Inn Med** 78:1617-9, 1972 (Ger)

[Treatment of chronic hepatitis with immunosuppressive agents and D-penicillamine] Wallnöfer H, et al. **Wien Med Wochenschr** 123:402-8, 23 Jun 73 (Ger)

[Gynecological aspects of thrombocytopenia] Bergamaschi P, et al. **Ann Ostet Ginecol** 93:428-42, Jun 72 (Eng. Abstr.) (Ita)

[Thrombocytopenia caused by drugs or just following drugs] Ballerini G. **Haematologica (Pavia)** 57:307-38, 1972 (89 ref.) (Eng. Abstr.) (Ita)

[Thrombopenias] Dioguardi N. **Minerva Med** 63:4983-96, 19 Dec 72 (Ita)

[Blood platelet disorders in newborn infants] Santangelo G, et al. **Minerva Pediatr** 24:1300-29, 8 Sep 72 (Ita)

[Polychemotherapy with 5-(3,3 dimethyl-1-triazeno)imidazole-4-carboxamide (DTIC; NSC-45388), 1,3-bis (2-chloroethyl)-1-nitrosourea (BCNU, NSC-409962) and vincristine (NSC-67574) in the metastatic phase of melanoma] Beretta G, et al. **Tumori** 59:239-48, May-Jun 73 (Eng. Abstr.) (Ita)

[A case report--rifampicin induced thrombocytopenia] Kobayashi H, et al. **Kekkaku** 48:213-7, May 73 (Eng. Abstr.) (Jap)

[Acute hemopericardium due to acute thrombocytopenia developing during Busulphan

treatment of polycythemia vera] Dyk T, et al. **Pol Tyg Lek 28:259-60, 12 Feb 73 (Eng. Abstr.) (Pol)**

CLASSIFICATION

The thrombopathic syndrome. Ulutin ON. **Rev Bras Pesqui Med Biol 6:83-91, Jan-Apr 73**
[Clinical forms and therapy of thrombopenic syndromes in childhood] Lombardo G, et al. **Minerva Pediatr 24:1331-403, 15 Sep 72 (Ita)**
[Blood platelet disorders in newborn infants] Santangelo G, et al. **Minerva Pediatr 24:1300-29, 8 Sep 72 (Ita)**

COMPLICATIONS

The fibrinolytic enzyme system in leukaemia, myelomatosis and myeloproliferative diseases. Ogston D, et al. **Acta Haematol (Basel) 48:322-30, 1972**
Bleeding and infection. Fernbach DJ. **Am J Dis Child 125:900, Jun 73**
Bleeding and infection. Kisker CT, et al. **Am J Dis Child 124:483-4, Oct 72**
Varicella with thrombocytopenia causing fatal intracerebral hemorrhage. Tobin JD Jr, et al. **Am J Dis Child 124:577-8, Oct 72**
Nonbacterial thrombotic endocarditis in patients with malignant neoplastic diseases. Rosen P, et al. **Am J Med 54:23-9, Jan 73**
Familial occurrence of von Willebrand's disease, thrombocytopenia, and severe gastrointestinal bleeding. Corder MP, et al. **Am J Med Sci 265:219-23, Mar 73**
Hypersplenic thrombocytopenia in sickle cell-bata thalassemia. Rowley PT, et al. **Am J Med Sci 264:489-93, Dec 72**
Selective IgA deficiency and idiopathic thrombocytopenia. Lang JM, et al. **Ann Intern Med 79:274-5, Aug 73**
Natural history of adrenal haemorrhage in the newborn. Black J, et al. **Arch Dis Child 48:183-90, Mar 73**
Intravascular haemolysis and thrombocytopenia in left ventricular outflow obstruction. Jacobson RJ, et al. **Br Heart J 35:849-54, Aug 73**
Criteria for classification of S.L.E. Davis P, et al. **Br Med J 3:88-9, 14 Jul 73**
Mesenteric hemangioendothelioma with thrombocytopenia. Report with arteriographic findings. Hansen RC, et al. **Cancer 32:136-41, Jul 73**
Epidemiology of acute myelomonocytic leukemia in children. Li FP, et al. **Cancer 31:516-9, Mar 73**
Chronic subdural hematoma in childhood acute leukemia. Pitner SE, et al. **Cancer 32:185-90, Jul 73**
8-Trisomy in the bone marrow. Report of two cases. De la Chapelle A, et al. **Clin Genet 3:470-6, 1972**
Histiocytic leukemia following lifelong infection and thrombocytopenia: histologic, metabolic, and bactericidal studies. Johnson DE, et al. **J Pediatr 82:664-71, Apr 73**
Pneumocystis carinii pneumonia and primary immune deficiency diseases of infancy and childhood. Walzer PD, et al. **J Pediatr 82:416-22, Mar 73**
Surgical complications in the patient with leukemia. Sherman NJ, et al. **J Pediatr Surg 8:235-44, Apr 73**
Postoperative blood loss after extracorporeal circulation for heart valve surgery. Garcia JB, et al. **J Thorac Cardiovasc Surg 65:487-96, Mar 73**
Thymic aplasia and amegakaryocytosis. Emberger JM, et al. **Lancet 1:159, 20 Jan 73**
Modified gastric hypothermia in the management of upper gastro-intestinal haemorrhage. Baume PE, et al. **Med J Aust 2:1452-5, 23 Dec 72**
Pyrimethamine-induced leukopenia and thrombocytopenia in a patient with malaria and tropical sprue: case report. Matthews JI, et al. **Milit Med 138:280-3, May 73**
Thrombocytopenia. A case report. Freedman PD, et al. **NY J Dent 38:552-5, Nov 72**
Thrombocytopenia indicating gram-negative infection and endotoxemia. Beller FK, et al. **Obstet Gynecol 41:521-4, Apr 73**
Rheumatoid arthritis with anaemia and thrombocytopenia. Innes EH. **Proc R Soc Med 65:1017-8, Nov 72**
Type I dysgammaglobulinaemia. A case report showing auto-immune phenomena. Buchanan N, et al. **S Afr Med J 47:907-10, 2 Jun 73**
Heparin induced thrombocytopenia with thrombotic and hemorrhagic manifestations. Rhodes GR, et al. **Surg Gynecol Obstet 136:409-16, Mar 73**
Acute promyelocytic leukemia in a patient with hemophilia. Evidence for rapid consumption of clotting factors. Green D. **Thromb Diath Haemorrh 27:516-22, 31 Jul 72**
[A complex immune defect. Primary acquired hypogammaglobulinemia, malabsorption, primary aregeneratoric anemia and thymoma in the same patient] Rasmussen V. **Ugeskr Laeger 134:2330-1, 30 Oct 72 (Eng. Abstr.) (Dan)**
[A case of phocomelia with congenital glaucoma] Blanck MF. **Arch Ophtalmol (Paris) 32:477-82, Jun-Jul 72 (Eng. Abstr.) (Fre)**
[A new case of systemic mastocytosis] Boivin P, et al. **Bull Soc Fr Dermatol Syphiligr 79:469-73, 1972 (Fre)**
[Ultrastructural and functional characteristics of blood platelets in blastic leukemia] Dobréva A, et al. **Folia Haematol (Leipz) 99:65-75, 1973 (Eng. Abstr.) (Fre)**
[Intravascular coagulation and uremigenous angiocholitis] Goguel A, et al. **Nouv Presse Med 2:1948, 28 Jul 73 (Fre)**
[Aplastic anaemia in childhood] Götz M, et al. **Klin Paediatr 184:377-84, Sep 72 (Eng. Abstr.) (Ger)**
[Blood coagulation disorders in a chronic eosinophilic leukemia] Zöller H. **Munch Med Wochenschr 115:1036-8, 1 Jun 73 (Eng. Abstr.) (Ger)**
[Clinical aspects of staphylococcal sepsis] Meier K, et al. **Schweiz Med Wochenschr 102:1745-51, 2 Dec 72 (Eng. Abstr.) (Ger)**
[Significance of cytomegalovirus diseases in adult internal-medicine patients] Müller-Stamou A, et al. **Schweiz Med Wochenschr 103:985-91, 14 Jul 72 (Eng. Abstr.) (Ger)**
[Significance of intravascular coagulation disease in postraumatic respiratory insufficiency. 1st experience with heparin treatment] Schamaun M, et al. **Schweiz Med Wochenschr 103:941-6, 30 Jun 73 (Eng. Abstr.) (Ger)**
[Thymus dysplasia] Mészáros J, et al. **Zentralbl Allg Pathol 116:266-71, 1972 (Ger)**
[Idiopathic recurrent thrombopenias. Clinico-hematological study] Cacciola E, et al. **Haematologica (Pavia) 58:203-9, 1973 (Eng. Abstr.) (Ita)**
[Splenic contraction due to adrenalin as a possible diagnostic test before splenectomy in subjects with a thrombopenic hemorrhagic syndrome] Cacciola E, et al. **Haematologica (Pavia) 58:196-202, 1973 (Eng. Abstr.) (Ita)**
[Case of nephropathy and neurogenic deafness with thrombocytopenia, aminoaciduria and impairment of urine acidification] Chodorowski Z, et al. **Pol Arch Med Wewn 49:489-92, Nov 72 (Eng. Abstr.) (Pol)**
[Thrombocytopenia in a pregnant woman with giant angiomas of the skin and angioma of the right lung] Gola A, et al. **Pol Arch Med Wewn 50:163-7, Feb 73 (Eng. Abstr.) (Pol)**
[Acute hemopericardium due to acute thrombocytopenia developing during Busulphan treatment of polycythemia vera] Dyk T, et al. **Pol Tyg Lek 28:259-60, 12 Feb 73 (Eng. Abstr.) (Pol)**
[Coexistence of 2 types of malignant neoplasms in a 32-year-old man] Michalowski W. **Wiad Lek 26:853-5, 1 May 73 (Eng. Abstr.) (Pol)**

CONGENITAL

Metabolic disorders of platelets. Hellem AJ. **Adv Intern Med 17:171-87, 1971 (69 ref.)**
Tetraphocomelia and neonatal amegakaryocytic thrombocytopenia. Pfeiffer RA, et al. **Humangenetik 17:175-8, 1973**
Glaucoma in the congenital rubella syndrome. Boniuk M. **Int Ophthalmol Clin 12:121-36, Summer 72**
[Congenital hypoplasic thrombopenia with aplasia of the radius] Juif JG, et al. **Arch Fr Pediatr 29:513-26, May 72 (Eng. Abstr.) (Fre)**
[Pathogenesis and clinical aspects of congenital thrombocytopenias] Krosse C, et al. **Kinderaerztl Prax 40:295-300, Jul 72 (Ger)**

[Amegakaryocytosis and thymic alymphoplasia] Fontán G, et al. **Rev Clin Esp** 129:89-92, 1 Apr 73 (Spa)
[Congenital thrombopathies] Outeiriño Hernanz J, et al. **Rev Clin Esp** 128:93-100, 31 Jan 73 (35 ref.) (Spa)

DIAGNOSIS

Bleeding and infection. Kisker CT, et al. **Am J Dis Child** 124:483-4, Oct 72
Intrinsic platelet defects in hereditary thrombocytopenia. Murphy S. **Ann NY Acad Sci** 201:421-8, 27 Oct 72
The Jewish Hospital of St. Louis therapeutic grand rounds number 3. Drug-induced blood dyscrasias. Rosenblum D, et al. **Arch Intern Med** 131:750-2, May 73
The clinical relevance of platelet function tests. McBride JA, et al. **Br J Haematol** 23:Suppl:201-8, Sep 72 (36 ref.)
Crosby WH:What to treat in Felty's syndrome. **JAMA** 225:1114-5, 27 Aug 73
Abnormal bleeding after prostatectomy: illustrative cases and review of management. O'Sullivan EF, et al. **Med J Aust** 2:1165-9, 18 Nov 72
Laboratory approach to platelet disorders. Davey FR. **Postgrad Med** 54:109-12 passim, Aug 73
Coagulation investigations in patients bleeding after tooth extraction. Martel A. **Sven Tandlak Tidskr** 64:795-800, Nov 71
[Pathogenesis and clinical aspects of congenital thrombocytopenias] Krosse C, et al. **Kinderaerztl Prax** 40:295-300, Jul 72 (Ger)
[Diagnosis and differential diagnosis of hepatocerebral degeneration (Westphal-Strümpell-Wilson disease)] Bachmann H, et al. **Z Aerztl Fortbild (Jena)** 66:670-4, 1 Jul 72 (Ger)
[Moschcowitz's syndrome in neurosurgical differential diagnosis] Schwesinger G, et al. **Zentralbl Neurochir** 33:137-41, 1972 (Eng. Abstr.) (Ger)
[Primary thrombocythemia] Kitzas R, et al. **Harefuah** 84:147-9, 1 Feb 73 (Eng. Abstr.) (Heb)
[Idiopathic recurrent thrombopenias. Clinico-hematological study] Cacciola E, et al. **Haematologica (Pavia)** 58:203-9, 1973 (Eng. Abstr.) (Ita)
[Case of pulmonary adenocarcinoma with thrombocytopenia] Greco S, et al. **Minerva Med** 64:1796-9, 12 May 73 (Eng. Abstr.) (Ita)
[Thrombocytopenic and thrombocytopathic syndromes in childhood. I. Introduction] Ferlazzo A. **Minerva Pediatr** 24:1201-7, 1 Sep 72 (Ita)
[Principles of general diagnosis in blood platelet deficiency syndromes] Santangelo G. **Minerva Pediatr** 24:1291-9, 8 Sep 72 (Ita)
[Immunohematological studies of idiopathic thrombocytopenia] Walewska I, et al. **Acta Haematol Pol** 2:203-11, Jul-Sep 71 (Eng. Abstr.) (Pol)
[Blood platelet disorders in thrombocytopenia] Nawrocka-Kańska B, et al. **Folia Med Cracov** 15:127-30, 1973 (Pol)

DRUG THERAPY

Gold-induced thrombocytopenia. Canada AT. **Am J Hosp Pharm** 30:340-2, Apr 73
Thrombocytopenia from metastatic carcinoma of the breast. Effective managements of patients with this complication. Sugarbaker PH, et al. **Arch Surg** 107:523-7, Oct 73
Identification of circulating micromegakaryocytes in a case of refractory anemia: an electron microscopic-cytochemical study. Gorius JB, et al. **Blood** 40:453-63, Oct 72
Mechanisms of thrombocytopenia in malignant tertian malaria. Skudowitz RB, et al. **Br Med J** 2:515-8, 2 Jun 73
Coagulation studies and streptokinase therapy in the haemolytic-uraemic syndrome. Monnens L, et al. **Helv Paediatr Acta** 27:45-54, Apr 72
Immunologically mediated thrombocytopenia in the dog. Wilkins RJ, et al. **J Am Vet Med Assoc** 163:277-82, 1 Aug 73
Etiology and therapy of thrombocytopenia associated with sarcoidosis. Dickerman JD, et al. **J Pediatr** 81:758-64, Oct 72
Successful treatment of neonatal retroperitoneal hemangioma with corticosteroid. Kasubuchi Y, et al. **J Pediatr Surg** 8:59-62, Feb 73
Therapy of leukemia and lymphoma. Rigberg S, et al. **Semin Drug Treat** 3:73-85, Summer 73
[Therapy of autoimmune thrombocytopenia in childhood] Breidenbach H, et al. **Kinderaerztl Prax** 40:395-9, Sep 72 (Ger)
[Immunosuppressive therapy in immuno-hematologic diseases] Miescher PA. **Verh Dtsch Ges Inn Med** 78:764-5, 1972 (Ger)
[Clinical forms and therapy of thrombopenic syndromes in childhood] Lombardo G, et al. **Minerva Pediatr** 24:1331-403, 15 Sep 72 (Ita)

ENZYMOLOGY

Demonstration of factor XIII in human megakaryocytes by a fluorescent antibody technique. Kiesselbach TH, et al. **Ann NY Acad Sci** 202:318-28, 8 Dec 72
Investigations on acid phosphatase activity in human plasma and serum. Modder CP. **Clin Chim Acta** 43:205-14, 24 Jan 73
[Determination of ATPase and 5'nucleotidase activity in megakaryocytes in various developmental stages in the bone marrow of patients with idiopathic thrombocytopenia and acquired hemolytic anemia] Ciesluk S, et al. **Acta Haematol Pol** 2:143-7, Apr-Jun 71 (Eng. Abstr.) (Pol)

ETIOLOGY

Bleeding and infection. Fernbach DJ. **Am J Dis Child** 125:900, Jun 73
Coagulation in cyanotic congenital heart disease. Wedemeyer AL, et al. **Am J Dis Child** 124:656-60, Nov 72
Fatal disseminated intravascular coagulation and hemolytic anemia following stibophen therapy: a study of basic mechanisms. Weiss HJ, et al. **Am J Med Sci** 264:375-84, Nov 72
Platelet agglutination induced by ethylenediaminetetraacetic acid in blood samples from a miniature pig. Ragan HA. **Am J Vet Res** 33:2601-3, Dec 72
Progressive disseminated histoplasmosis. A prospective study of 26 patients. Smith JW, et al. **Ann Intern Med** 76:557-65, Apr 72
Platelet function tests in disease. Tschopp TB, et al. **Annu Rev Med** 24:1-18, 1973 (214 ref.)
"Preleukemia". A myelodysplastic syndrome often terminating in acute leukemia. Fisher WB, et al. **Arch Intern Med** 132:226-32, Aug 73
Thrombocytopenia from metastatic carcinoma of the breast. Effective managements of patients with this complication. Sugarbaker PH, et al. **Arch Surg** 107:523-7, Oct 73
Criteria for the classification of systemic lupus erythematosus--status 1972. Cohen AS, et al. **Arthritis Rheum** 15:540-3, Sep-Oct 72
An evaluation of the preliminary criteria for the diagnosis of systemic lupus erythematosus. Lie TH, et al. **Arthritis Rheum** 15:532-4, Sep-Oct 72
Qualitative platelet defects with reduced life-span in acute leukaemia. Van der Weyden MB, et al. **Aust NZ J Med** 2:239-45, Nov 72
Isoantibody specificity in post-transfusion purpura. Gockerman JP, et al. **Blood** 41:817-22, Jun 73
Identification of circulating micromegakaryocytes in a case of refractory anemia: an electron microscopic-cytochemical study. Gorius JB, et al. **Blood** 40:453-63, Oct 72
Pregnancy and idiopathic autoimmune haemolytic anaemia: a prospective study during 6 months gestation and 3 months post-partum. Chaplin H Jr, et al. **Br J Haematol** 24:219-29, Feb 73
Heterologous liver perfusion. A comparison of the use of livers from four different species. Hickman R, et al. **Br J Surg** 59:881-4, Nov 72
Neurological decompression sickness treated without recompression. Saumarez RC, et al. **Br Med J** 1:151-2, 20 Jan 73
Mechanisms of thrombocytopenia in malignant tertian malaria. Skudowitz RB, et al. **Br Med J** 2:515-8, 2 Jun 73
Acute splenic sequestration crises (ASSC) in young children with sickle cell anemia. Clinical observations in 20 episodes in 14 children. Seeler RA, et al. **Clin Pediatr (Phila)** 11:701-4, Dec 72
Thrombocytopenia following measles-mumps-rubella vaccination in a one-year-old infant. Sharma ON. **Clin Pediatr (Phila)** 12:315, May 73
Fever, thrombocytopenia, anemia, and multiple solid abdominal masses in an infant. Vossough P. **Clin Pediatr (Phila)** 12:509, Aug 73

Effect in mice of injection of viable Candida albicans and a cell-free sonic extract on circulating platelets. Holder IA, et al. **Infect Immun** 7:468-72, Mar 73

Alcohol-induced thrombocytopenia: review of the literature and report of case. Heiman JL. **J Am Dent Assoc** 85:1358-61, Dec 72 (17 ref.)

Acute changes in lung mechanics following pulmonary emboli of various gases in dogs. Khan MA, et al. **J Appl Physiol** 33:774-7, Dec 72

Studies on the pathogenesis of dengue infection in monkeys. II. Clinical laboratory responses to heterologous infection. Halstead SB, et al. **J Infect Dis** 128:15-22, Jul 73

X-linked recessive disorders: chronic granulomatous disease and Wiskott-Aldrich syndrome. Mauer AM. **J Invest Dermatol** 60:522-8, Jun 73 (35 ref.)

Rauscher virus infection, erythrocyte clearance studies, and autoimmune phenomena. Cox KO, et al. **J Natl Cancer Inst** 50:941-6, Apr 73

Essential fatty acid deficiency in an infant receiving prolonged parenteral alimentation. Caldwell MD, et al. **J Pediatr** 81:894-8, Nov 72

Etiology and therapy of thrombocytopenia associated with sarcoidosis. Dickerman JD, et al. **J Pediatr** 81:758-64, Oct 72

Effect of Newcastle disease virus on human or rabbit platelets. Aggregation and loss of constituents. Turpie AG, et al. **Lab Invest** 28:575-83, May 73

Consumption coagulopathy in congenital heart-disease. Ihenacho HN, et al. **Lancet** 1:231-4, 3 Feb 73

Thrombocytopenia in malignant diphtheria. Karayalcin G, et al. **N Engl J Med** 288:914, 26 Apr 73

Microangiopathic hemolytic anemia and thrombocytopenia in primary pulmonary hypertension. Stuard ID, et al. **N Engl J Med** 287:869-70, 26 Oct 72

Hypersplenism in the uremic hemodialyzed patient. The effect of splenectomy--effect on transplantation and proposed mechanisms. Bischel MD, et al. **Nephron** 9:146-61, 1973

Measles in Auckland, 1971-1972. Steele BT. **NZ Med J** 77:293-7, May 73

Infectious mononucleosis. Fernbach DJ, et al. **Pediatr Clin North Am** 19:957-68, Nov 72 (77 ref.)

Thrombocytopenia as evidence of local thrombus: the umbilical arterial catheter. Nachman RL, et al. **Pediatrics** 50:825-6, Nov 72

Early mortality in the megaloblastic anaemias. Lawson DH, et al. **Q J Med** 41:1-14, Jan 72

Autoimmune thrombocytopenia occurring in a young woman with idiopathic haemochromatosis. Habib MA, et al. **Scand J Haematol** 10:148-52, 1973

Allergy in adverse drug reactions. Kreithen H. **Semin Drug Treat** 2:431-44, Spring 73 (60 ref.)

Problems of neoplastic disease: infections. Yates JW. **Semin Drug Treat** 3:27-35, Summer 73

Heavy chain diseases: clinical features and molecular significance of the disordered immunoglobulin structure. Frangione B, et al. **Semin Hematol** 10:53-64, Jan 73 (51 ref.)

Suppression of granulocyte and platelet production by pseudomonas burn wound infection. Newsome TW, et al. **Surg Gynecol Obstet** 136:375-9, Mar 73

Thrombocytopenia caused by antigen-antibody reactions with special reference to intravascular coagulation. Fedder G, et al. **Thromb Diath Haemorrh** 27:452-60, 31 Jul 72

A controlled trial antilymphocyte globulin therapy (ALG) in man. Sheil AG, et al. **Transplant Proc** 4:501-5, Dec 72

An outbreak of dengue haemorrhagic fever on Curacao. Sar A van der. **Trop Geogr Med** 25:119-29, Jun 73

[Various phenomena accompanying lethal shock due to bacillus cereus] Prokúpek K. **Vet Med (Praha)** 18:379-88, Jun 73 (Eng. Abstr.) **(Cze)**

[Congenital hypoplasic thrombopenia with aplasia of the radius] Juif JG, et al. **Arch Fr Pediatr** 29:513-26, May 72 (Eng. Abstr.) **(Fre)**

[Hemolytic anemia with autoantibodies, thrombopenia, atrophic gastritis with anti-stomach antibodies in 12-year-old child] Pont J, et al. **Pediatrie** 27:417-22, Jun 72 **(Fre)**

[Systemic mastocytosis (apropos of a personal case)] Debray J, et al. **Sem Hop Paris** 48:3155-64, 26 Nov 72 (Eng. Abstr.) **(Fre)**

[Intentions of systemic glucocorticoid (GC) therapy] Goerz G. **Arch Dermatol Forsch** 244:400-3, 1972 **(Ger)**

[Pancytopenia and bone-marrow changes in chronic active hepatitis] Hoensch H, et al. **Dtsch Med Wochenschr** 97:1491-6, 6 Oct 72 (Eng. Abstr.) **(Ger)**

[Studies on thrombocyte function in children with connatal heart failures] Weinmann G, et al. **Folia Haematol (Leipz)** 98:303-12, 1972 (Eng. Abstr.) **(Ger)**

[Disseminated intravascular coagulation due to shock and its treatment with heparin] Hörder MH, et al. **Helv Chir Acta** 39:585-8, Dec 72 **(Ger)**

[Pathogenesis and clinical aspects of congenital thrombocytopenias] Krosse C, et al. **Kinderaerztl Prax** 40:295-300, Jul 72 **(Ger)**

[Pathophysiology of thrombocytes in shock] Remmele W, et al. **Klin Wochenschr** 51:3-9, Jan 73 (109 ref.) **(Ger)**

[Factor XIII deficiency in various patients with acute leukemia] Egbring R, et al. **Verh Dtsch Ges Inn Med** 77:97-100, 1971 **(Ger)**

[Early blood coagulation disorders following open heart surgery] Gyenes V, et al. **Orv Hetil** 114:264-7, 4 Feb 73 **(Hun)**

[Gynecological aspects of thrombocytopenia] Bergamaschi P, et al. **Ann Ostet Ginecol** 93:428-42, Jun 72 (Eng. Abstr.) **(Ita)**

[Case of pulmonary adenocarcinoma with thrombocytopenia] Greco S, et al. **Minerva Med** 64:1796-9, 12 May 73 (Eng. Abstr.) **(Ita)**

[Initial aspects of acute leukemias. Statistical study of 90 cases] Resegotti L, et al. **Minerva Med** 64:2013-25, 27 May 73 (Eng. Abstr.) **(Ita)**

[Principles of general diagnosis in blood platelet deficiency syndromes] Santangelo G. **Minerva Pediatr** 24:1291-9, 8 Sep 72 **(Ita)**

[Thrombocytopenia in newborn infants due to maternal isoimmunization with HL-A antigens] Morawska A, et al. **Pediatr Pol** 48:583-8, May 73 (Eng. Abstr.) **(Pol)**

[Effect of splenectomy on thrombocytopenia] Juvara I, et al. **Chirurgia (Bucur)** 20:1057-74, Dec 71 (Eng. Abstr.) **(Rum)**

[Thrombocytopenia during pregnancy and labor] Hraško L, et al. **Cesk Gynekol** 38:345-6, Jun 73 **(Slo)**

FAMILIAL & GENETIC

Metabolic disorders of platelets. Hellem AJ. **Adv Intern Med** 17:171-87, 1971 (69 ref.)

Familial occurrence of von Willebrand's disease, thrombocytopenia, and severe gastrointestinal bleeding. Corder MP, et al. **Am J Med Sci** 265:219-23, Mar 73

Intrinsic platelet defects in hereditary thrombocytopenia. Murphy S. **Ann NY Acad Sci** 201:421-8, 27 Oct 72

A case of familial thrombocytopenia-thrombocytopathia associated with haemolytic anaemia of unknown heredity pattern. An interdisciplinary approach. Lawkowicz W, et al. **Folia Haematol (Leipz)** 99:191-201, 1973

Tetraphocomelia and neonatal amegakaryocytic thrombocytopenia. Pfeiffer RA, et al. **Humangenetik** 17:175-8, 1973

Phenocopies. Lenz W. **J Med Genet** 10:34-49, Mar 73 (86 ref.)

[Congenital hypoplasic thrombopenia with aplasia of the radius] Juif JG, et al. **Arch Fr Pediatr** 29:513-26, May 72 (Eng. Abstr.) **(Fre)**

[A case of trisomy 18 with bilateral aplasia of the radius and thrombopenia] Stoll C, et al. **Pediatrie** 27:537-42, Jul-Aug 72 **(Fre)**

[Thrombocytopenia caused by drugs or just following drugs] Ballerini G. **Haematologica (Pavia)** 57:307-38, 1972 (89 ref.) (Eng. Abstr.) **(Ita)**

[Heredofamilial thrombocytopenia] Fieschi A. **Minerva Med** 64:1863-70, 19 May 73 (Eng. Abstr.) **(Ita)**

[Blood platelet disorders in newborn infants] Santangelo G, et al. **Minerva Pediatr** 24:1300-29, 8 Sep 72 **(Ita)**

[Familial thrombocytopenia with giant platelets: a report of 2 siblings] Tanoue K, et al. **Acta Haematol Jap** 36:159-65, Apr 73 (Eng. Abstr.) **(Jap)**

IMMUNOLOGY

The participation of the platelet in the vascular response to endotoxemia in the rabbit eye. Howes EL Jr, et al. **Am J Pathol** 70:25-44, Jan 73

Mechanism of action of some anti-rheumatic drugs in allergic blood diseases. Nieweg HO, et al. **Ann Rheum Dis** 32:90, Jan 73

Isoantibody specificity in post-transfusion purpura. Gockerman JP, et al. **Blood** 41:817-22, Jun 73

IgE in allergic drug reactions. Müller U, et al. **Int Arch Allergy Appl Immunol** 44:667-78, 1973

Immunologically mediated thrombocytopenia in the dog. Wilkins RJ, et al. **J Am Vet Med Assoc** 163:277-82, 1 Aug 73

Adverse hematologic effects of drugs. Pochedly C, et al. **Pediatr Clin North Am** 19:1095-111, Nov 72 (76 ref.)

Heparin induced thrombocytopenia with thrombotic and hemorrhagic manifestations. Rhodes GR, et al. **Surg Gynecol Obstet** 136:409-16, Mar 73

[Autoantibodies and autoimmune syndromes] Dimitrov DI. **Vutr Boles** 12:1-7, 1973 (46 ref.) (Eng. Abstr.) **(Bul)**

[Immunosuppressive therapy in hematology] Stacher A. **Folia Haematol (Leipz)** 97:129-38, 1972 (Eng. Abstr.) **(Ger)**

[Pathogenesis and clinical aspects of congenital thrombocytopenias] Krosse C, et al. **Kinderaerztl Prax** 40:295-300, Jul 72 **(Ger)**

[Thrombocytopenia caused by drugs or just following drugs] Ballerini G. **Haematologica (Pavia)** 57:307-38, 1972 (89 ref.) (Eng. Abstr.) **(Ita)**

[Thrombopenias] Dioguardi N. **Minerva Med** 63:4983-96, 19 Dec 72 **(Ita)**

[Blood platelet disorders in newborn infants] Santangelo G, et al. **Minerva Pediatr** 24:1300-29, 8 Sep 72 **(Ita)**

[Immunohematological studies of idiopathic thrombocytopenia] Walewska I, et al. **Acta Haematol Pol** 2:203-11, Jul-Sep 71 (Eng. Abstr.) **(Pol)**

MORTALITY

Blood dyscrasias attributed to chloramphenicol. A review of 576 published and unpublished cases. Polak BC, et al. **Acta Med Scand** 192:409-14, Nov 72

OCCURRENCE

Drug-induced blood dyscrasias in Sweden. Böttiger LE, et al. **Br Med J** 3:339-43, 11 Aug 73

PATHOLOGY

Varicella with thrombocytopenia causing fatal intracerebral hemorrhage. Tobin JD Jr, et al. **Am J Dis Child** 124:577-8, Oct 72

Detection of drug-induced blood dyscrasias. Swanson M, et al. **Am J Hosp Pharm** 30:534-7, Jun 73

Platelet age: its relationship to platelet size, function and metabolism. Hirsh J. **Br J Haematol** 23:Suppl:209-14, Sep 72 (33 ref.)

Platelet disorders. Gilchrist GS. **Pediatr Clin North Am** 19:1047-60, Nov 72

[Congenital hypoplasic thrombopenia with aplasia of the radius] Juif JG, et al. **Arch Fr Pediatr** 29:513-26, May 72 (Eng. Abstr.) **(Fre)**

[Histological biopsy bone marrow studies on the morphology of immune reaction in autoimmune diseases] Schneider D, et al. **Folia Haematol (Leipz)** 98:54-63, 1972 (Eng. Abstr.) **(Ger)**

[Heredofamilial thrombocytopenia] Fieschi A. **Minerva Med** 64:1863-70, 19 May 73 (Eng. Abstr.) **(Ita)**

PHYSIOPATHOLOGY

Acute changes in lung mechanics following pulmonary emboli of various gases in dogs. Khan MA, et al. **J Appl Physiol** 33:774-7, Dec 72

[Thrombocytopenic and thrombocytopathic syndrome in childhood. II. Signs of platelet physiopathology] Santangelo G, et al. **Minerva Pediatr** 24:1208-89, 1 Sep 72 **(Ita)**

PREVENTION & CONTROL

Liver perfusion with human blood. A comparison of pig, calf, lamb, and baboon livers. Terblanche J, et al. **Br J Surg** 59:902, Nov 72

Transfusions of platelets and white cells obtained from single donors. Szymanski IO, et al. **NY State J Med** 73:1859-63, 15 Jul 73

Reduction of blood loss by restoration of platelet levels using fresh autologous blood after cardiopulmonary bypass. Wagstaffe JG, et al. **Thorax** 27:410-4, Jul 72

RADIOGRAPHY

Prospects for radiographic intrauterine diagnosis--the syndrome of thrombocytopenia with absent radii. Omenn GS, et al. **N Engl J Med** 288:777-8, 12 Apr 73

SURGERY

Familial occurrence of von Willebrand's disease, thrombocytopenia, and severe gastrointestinal bleeding. Corder MP, et al. **Am J Med Sci** 265:219-23, Mar 73

Tropical splenomegaly syndrome in New Guinea. II. Long term results of splenectomy. Crane GG, et al. **Trans R Soc Trop Med Hyg** 66:733-42, 1972

[Therapy of autoimmune thrombocytopenia in childhood] Breidenbach H, et al. **Kinderaerztl Prax** 40:395-9, Sep 72 **(Ger)**

[Effect of splenectomy on thrombocytopenia] Juvara I, et al. **Chirurgia (Bucur)** 20:1057-74, Dec 71 (Eng. Abstr.) **(Rum)**

THERAPY

Bleeding and infection. Kisker CT, et al. **Am J Dis Child** 124:483-4, Oct 72

Familial occurrence of von Willebrand's disease, thrombocytopenia, and severe gastrointestinal bleeding. Corder MP, et al. **Am J Med Sci** 265:219-23, Mar 73

Hypersplenic thrombocytopenia in sickle cell-beta thalassemia. Rowley PT, et al. **Am J Med Sci** 264:489-93, Dec 72

A case of familial thrombocytopenia-thrombocytopathia associated with haemolytic anaemia of unknown heredity pattern. An interdisciplinary approach. Lawkowicz W, et al. **Folia Haematol (Leipz)** 99:191-201, 1973

Etiology and therapy of thrombocytopenia associated with sarcoidosis. Dickerman JD, et al. **J Pediatr** 81:758-64, Oct 72

The therapy of acute leukaemia in adults. **Med J Aust** 2:397-8, 19 Aug 72

Platgelet transfusion for quinidine-induced thrombocytopenia. Moss RA, et al. **N Engl J Med** 288:522-3, 8 Mar 73

Platelet function in recipients of platelets from donors ingesting aspirin. Stuart MJ, et al. **N Engl J Med** 287:1105-9, 30 Nov 72

Selection of unrelated compatible platelet donors by lymphocyte HL-A matching. Yankee RA, et al. **N Engl J Med** 288:760-4, 12 Apr 73

The postoperative intensive care after cardiac surgery in the neonate. Wolpowitz A, et al. **S Afr Med J** 47:472-9, 17 Mar 73

Repeated platelet transfusions from HL-A compatible unrelated and sibling donors. Thorsby E, et al. **Tissue Antigens** 2:397-404, 1972

Studies of platelet concentrates stored at 22 C nad 4 C. Becker GA, et al. **Transfusion** 13:61-8, Mar 73

Rapid plasma exchange with the continuous flow centrifuge. McCullough J, et al. **Transfusion** 13:94-9, Mar 73

[Erythrocytes preserved by freezing at low temperature] Combrisson A. **Rev Prat** 22:1479-80 passim, 21 Mar 72 **(Fre)**

[Attempt to treat chronic idiopathic thrombopenia with antirubella vaccine] Clément F. **Schweiz Med Wochenschr** 102:1616-7, 4 Nov 72 (Eng. Abstr.) **(Fre)**

[Advances in the question of thrombocyte replacement in aplastic thrombopenia] Evenkamp G, et al. **Med Welt** 23:1385-6, 30 Sep 72 **(Ger)**

[Contraindication for carrying pregnancy to full term from the hematologic viewpoint] Stieglitz R, et al. **Z Aerztl Fortbild (Jena)** 67:274-6, 15 Mar 73 **(Ger)**

[Thrombocytopenic and thrombocytopathic syndromes in childhood. I. Introduction] Ferlazzo A. **Minerva Pediatr** 24:1201-7, 1 Sep 72 **(Ita)**

[Chronic idiopathic thrombocytopenia in an 18-year-old patient observed from early childhood] Krasowska I, et al. **Wiad Lek** 26:435-8, 1 Mar 73 (Eng. Abstr.) **(Pol)**

SUBJECT SECTION

VETERINARY

Platelet agglutination induced by ethylenediaminetetraacetic acid in blood samples from a miniature pig. Ragan HA. **Am J Vet Res 33:2601-3, Dec 72**

Immunologically mediated thrombocytopenia in the dog. Wilkins RJ, et al. **J Am Vet Med Assoc 163:277-82, 1 Aug 73**

Ehrlichia canis and tropical canine pancytopaenia. Seamer J, et al. **Res Vet Sci 13:307-14, Jul 72**

THROMBOPLASTIN

Platelet factor-4--methods of study. Donati MB, et al. **Adv Exp Med Biol 34:295-308, 1972**

Coagulation changes in healthy and sick pacific salmon. Hougie C. **Adv Exp Med Biol 22:89-102, 1972**

Fibrinolysis in retinal vein occlusions. A preliminary report. Höhmann R, et al. **Albrecht von Graefes Arch Klin Ophthalmol 187:327-40, 1973**

Comparison of various activated partial thromboplastin reagents in the laboratory control of heparin therapy. Soloway HB, et al. **Am J Clin Pathol 59:587-90, Apr 73**

Differentiation of bleeding diatheses which occur following protamine correction of heparin anticoagulation. Soloway HB, et al. **Am J Clin Pathol 60:188-91, Aug 73**

Sensitivity of the activated partial thromboplastin time to heparin: effect of anticoagulant used for sample collection. Soloway HB, et al. **Am J Clin Pathol 59:760-2, May 73**

Amyloidosis with factor X deficiency. Bernhardt B, et al. **Am J Med Sci 264:411-4, Nov 72**

Blood coagulation studies in Plasmodium falciparum malaria. Butler T, et al. **Am J Med Sci 265:63-7, Jan 73**

Effect of incubation time and anticoagulant on the activated partial thromboplastin time. Davis KD, et al. **Am J Med Technol 39:136-9, Apr 73**

Procoagulant properties of amniotic fluid. Phillips LL, et al. **Am J Obstet Gynecol 113:911-9, 1 Aug 72**

Effects of autotransfusion on blood elements. Bennett SH, et al. **Am J Surg 125:273-9, Mar 73**

Intravascular coagulation-fibrinolysis (ICF) syndrome. Owen CA Jr, et al. **Ann Clin Lab Sci 2:26-30, Jan-Feb 72**

A qualitative platelet defect in severe vitamin B 12 deficiency. Response, hyperresponse, and thrombosis after vitamin B 12 therapy. Levine PH. **Ann Intern Med 78:533-9, Apr 73**

Hemophilia with factor VIII inhibitor. Elimination of anamnestic response. Stein RS, et al. **Ann Intern Med 79:84-7, Jul 73**

Coagulation changes of septic shock in the sub-human primate and their relationship to hemodynamic changes. Horowitz DL, et al. **Ann Surg 175:417-23, Mar 72**

Fresh autologous blood transfusions with extracorporeal circulation. Ochsner JL, et al. **Ann Surg 177:811-7, Jun 73**

Ultrapore hemofiltration. The effects on the coagulation and fibrinolytic mechanisms in fresh and stored blood. Gervin AS, et al. **Arch Surg 106:333-6, Mar 73**

Chronic intravascular coagulation in metastatic prostate cancer. Samaha RJ, et al. **Arch Surg 106:295-8, Mar 73**

Hemophilia B+ or Bm. First case reported in Italy. Girolami A, et al. **Blut 26:268-79, Apr 73**

Hemorrhagic varicella in parahemophilia. Girolami A, et al. **Blut 25:293-301, Nov 72**

Microangiopathic haemolytic anaemia (MHA). Brain MC. **Br J Haematol 23:Suppl:45-52, Sep 72 (70 ref.)**

Determinants of prothrombinase activity and modification of prothrombin conversion by thrombin-treated factor V. Kandall C, et al. **Br J Haematol 23:655-68, Dec 72**

Prolonged prothrombin time and partial thromboplastin time in disseminated intravascular coagulation not due to deficiency of factors V and VIII. Mant MJ, et al. **Br J Haematol 24:725-34, Jun 73**

Haemostatic changes during dialysis associated with thrombus formation on dialysis membranes. Lindsay RM, et al. **Br Med J 4:454-8, 25 Nov 72**

A modified whole blood partial thromboplastin test for the assessment of heparinization. Ray PK, et al. **Can Med Assoc J 108:1505-8, 23 Jun 73**

Comparison of anticoagulant activity of two preparations of purified heparin. Baltes BJ, et al. **Clin Pharmacol Ther 14:287-90, Mar-Apr 73**

Studies of the coagulation process in the crayfish, Orconectes virilis: attempts to identify a fibrinogen-like factor. Wood PJ, et al. **Comp Biochem Physiol [B] 42:41-8, 15 May 72**

Synthetic low molecular weight inhibitors of thrombin. Geratz JD. **Folia Haematol (Leipz) 98:455-70, 1972**

Partial purification of plasma thromboplastin antecedent (factor XI) and its activation by trypsin. Saito H, et al. **J Clin Invest 52:850-61, Apr 73**

The subunit structure of normal and hemophilic factor VIII. Shapiro GA, et al. **J Clin Invest 52:2198-210, Sep 73**

In defence of APTT control of long-term anticoagulant therapy. Eastham RD. **J Clin Pathol 26:383-4, May 73**

Effect of intravenous prostaglandin E 2 on platelet function, coagulation, and fibrinolysis. Howie PW, et al. **J Clin Pathol 26:355-8, May 73**

Comparison of two laboratory tests in the control of anticoagulant therapy. Pearce SJ, et al. **J Clin Pathol 26:73-6, Jan 73**

The partial thromboplastin (cephalin) time test. Poller L, et al. **J Clin Pathol 25:1038-44, Dec 72**

The fibrinolytic pathway of human plasma. Isolation and characterization of the plasminogen proactivator. Kaplan AP, et al. **J Exp Med 136:1378-93, 1 Dec 72**

The activation of coagulation by extracts of mucus: a possible pathway of intravascular coagulation accompanying adenocarcinomas. Pineo GF, et al. **J Lab Clin Med 82:255-66, Aug 73**

The determination of factor X in tissue homogenates. Evidence for the inactivation of Russell's viper venom by tissue homogenates in the presence of plasma. Woolf IL, et al. **J Lab Clin Med 81:77-84, Jan 73**

Circulating fibrin in meningococcemia. Kisker CT, et al. **J Pediatr 82:787-91, May 73**

The role of phospholipids in haemophilia A. Kunz F, et al. **Klin Wochenschr 50:1058-60, 15 Nov 72**

Toxicity, anti-neoplastic, and coagulation effects of aquatic plants from Minnesota. Su KL, et al. **Lloydia 36:99-102, Mar 73**

Diagnosis of hemorrhagic disorders. Nemerson Y. **Med Clin North Am 57:531-41, Mar 73 (30 ref.)**

The partial thromboplastin time test: distinction between inhibitor and clotting-factor deficiency. Knights SF, et al. **Med Lab Technol 30:43-7, Jan 73**

The activated partial thromboplastin time. Chin JL. **N Engl J Med 288:1410, 28 Jun 73**

Small subcutaneous doses of heparin in prevention of venous thrombosis. Gallus AS, et al. **N Engl J Med 288:545-51, 15 Mar 73**

Standardized methods for heparin therapy. Soloway HB. **N Engl J Med 289:429-30, 23 Aug 73**

The prothrombin-activating principle from Echis carinatus venom. II. Coagulation studies in vitro and in vivo. Schieck A, et al. **Naunyn Schmiedebergs Arch Pharmacol 274:7-17, 1972**

Malignant hyperthermia: current trends in treatment. Newson AJ. **NZ Med J 77:81-3, Feb 73**

Blood coagulation and platelet function in red-haired men. Reid C, et al. **Practitioner 210:811-2, Jun 73**

Discrepancy between normotest and thrombotest during thromboplastin induced intravascular coagulation in rabbits. Slaastad RA, et al. **Scand J Haematol 9:403-10, 1972**

Stroma-free hemoglobin. I. Preparation and observations on in vitro changes in coagulation. Moss GS, et al. **Surgery 74:198-203, Aug 73**

Influence of factor VII on the assay of factor VIII by the one stage method using wettable surface. Altman R, et al. **Thromb Diath Haemorrh 28:457-63, 31 Dec 72**

Differing procoagulant activities in the extracted lipids of high and low density pitelet plasma membranes. Barber AJ, et al. **Thromb Diath Haemorrh 28:206-12, 31 Oct 72**

The effect of several tissue thromboplastins on the activation of the abnormal factor X (factor X Friuli). Girolami A, et al. **Thromb Diath Haemorrh 27:535-42, 31 Jul 72**

Cold promoted activation of factor VII. IV. Relation to the coagulation system. Gjonnaess H. **Thromb Diath Haemorrh 28:194-205, 31 Oct 72**

[Purification and N-terminal analysis of swine thrombin] Rossi A, et al. **C R Acad Sci [D] (Paris) 275:133-6, 3 Jul 72 (Fre)**

[Platelet aggregation by Thrombofax] De Gaetano G, et al. **Experientia 28:1127-8, 15 Sep 72 (Eng. Abstr.) (Fre)**

[Peroperative coagulopathy. Its prophylaxis, by

lavage-aspiration and peroperative heparin therapy] Setbon L. **Nouv Presse Med** 2:442, 17 Feb 73 **(Fre)**

[Blood coagulation tests using capillary blood. I. Quick thromboplastin time and partial thromboplastin time] Göbel U, et al.
Blut 26:312-20, May 73 (Eng. Abstr.) **(Ger)**

[Monitoring of heparin therapy in thromboembolism] Hiller E.
Dtsch Med Wochenschr 98:1367-70, Jul 73 (Eng. Abstr.) **(Ger)**

[Influence of gestation on the blood coagulation system and diagnosis of possible disorders] Günter M, et al.
Z Aerzti Fortbild (Jena) 67:209-15, 1 Mar 73 (37 ref.) **(Ger)**

[Diagnostics and therapy of hemolytic-hemorrhagic transfusion incidents] Brüster H.
Zentralbl Neurochir 33:63-8, 1972 (Eng. Abstr.) **(Ger)**

[Studies of platelet factor-3 by the kaolin clotting time and thromboplastin generation time] Oki H, et al.
Jap J Clin Pathol 21:621-6, Jul 73 **(Jap)**

[Preparation of factor IX concentrate with the use of DEAE-cellulose and its therapeutic results] Uszyński L, et al.
Acta Haematol Pol 2:109-14, Apr-Jun 71 (Eng. Abstr.) **(Pol)**

[Paracoagulative reactions in experimental syndrome of intravascular coagulation] Zawilska K, et al.
Przegl Lek 29:624-8, 1972 (Eng. Abstr.) **(Pol)**

[Partial thromboplastin time activated with kaolin (PTTTK), a sensitive test of total plasmatic coagulability] Poppa C, et al.
Stud Cercet Med Interna 13:489-93, 1972 (Eng. Abstr.) **(Rum)**

[Standardization of anticoagulant control: the British system] Poller L. **Sangre (Barc)** 17:277-82, 1972 **(Spa)**

ADMINISTRATION & DOSAGE

On the early detection of intravascular coagulation. An experimental study. Fedder G, et al.
Thromb Diath Haemorrh 27:365-76, 31 Jul 72

ANALYSIS

Disseminated intravascular coagulation. Pierce LE.
Am Fam Physician 7:118-25, Feb 73

Evaluation of assay of factor VIII by automated partial thromboplastin time. Burka ER, et al.
Am J Clin Pathol 59:751-4, May 73

The in vitro effect of heparin on the activated partial thromboplastin time. Soloway HB, et al.
Am J Clin Pathol 58:405-7, Oct 72

Coagulation studies in the hypertensive toxemias of pregnancy. Davidson EC Jr, et al.
Am J Obstet Gynecol 113:905-10, 1 Aug 72

Effect of prostaglandins on the coagulation mechanism of the pregnant rat. Phillips LL.
Am J Obstet Gynecol 115:227-32, 15 Jan 73

Immunologic identification of tissue factor (thromboplastin) synthesized by cultured fibroblasts. Zacharski LR, et al. **Blood** 41:671-8, May 73

Factor VIII (antihaemophilic factor) in tissues detected by antibody neutralization. Bloom AL, et al.
Br J Haematol 23:157-65, Aug 72

Effect of alpha- and beta-blocking drugs on the clotting and fibrinolytic response to venous status in man. Ponari O, et al. **Br J Haematol** 24:463-70, Apr 73

Platelets and initiation of intrinsic clotting. Schiffman S, et al. **Br J Haematol** 24:633-42, May 73

Circulating inhibitor against factor VIII. Basu AK, et al.
Bull Calcutta Sch Trop Med 20:19-20, Apr 72

Platelet factor 3 availability in bleeder swine. Cornell CN, et al.
Comp Biochem Physiol [A] 42:817-22, 1 Aug 72

Thromboplastic activity of chronic myelogenous leukaemia granulocytes. Lisiewicz J, et al.
Folia Haematol (Leipz) 99:57-64, 1973

Platelet lipids and coagulation in plasma. I. Isolation and analysis. Boggust WA.
Ir J Med Sci 141:128-35, Jul-Sep 72

Nonspecificity of the limulus amebocyte lysate test: positive reactions with polynucleotides and proteins. Elin RJ, et al. **J Infect Dis** 128:349-52, Sep 73

Naphthylalkyl lactamimides as inhibitors of blood platelet aggregation. Roberts EM, et al.
J Med Chem 15:1270-3, Dec 72

Blood-clotting mechanisms of nonhuman primates. Choice of the baboon model to simulate man. Todd ME, et al. **J Med Primatol** 1:132-41, 1972

Disseminated intravascular coagulation associated with massive brain injury. Kelmowitz RM, et al.
J Neurosurg 39:178-80, Aug 73

Comsumptive coagulopathy with renal vein thrombosis. Renfield ML, et al.
J Pediatr 82:1054-6, Jun 73

Free ceramide in blood and its relevance to atherosclerosis. I. Polya JB, et al.
Med J Aust 1:873-9, 5 May 73

Control of heparin therapy with an activated partial thromboplastin time. Akkerman JW, et al.
Neth J Med 16:129-35, 1973

Coagulation defects caused by diphenylhydantoin. Solomon GE, et al.
Neurology (Minneap) 22:1165-71, Nov 72

Evidence for abnormalities in clotting and thrombolysis as a risk factor for stroke. Pilgeram LO, et al. **Stroke** 4:643-57, Jul-Aug 73

Stroke and blood coagulation. Todd M, et al.
Stroke 4:400-5, May-Jun 73

Coagulation studies in a case of severe congenital hypofibrinogenemia. Barbu T, et al.
Thromb Diath Haemorrh 28:129-34, 31 Aug 72

Blood coagulation and fibrinolysis in a random sample of 788 men 54 years old. I. Correlations between the variables of clotting and fibrinolysis. Korsan-Bengtsen K, et al.
Thromb Diath Haemorrh 28:89-98, 31 Aug 72

Blood coagulation and fibrinolysis in a random sample of 788 men 54 years old. II. Relations of the variables to "risk factors" for myocardial infarction. Korsan-Bengtsen K, et al.
Thromb Diath Haemorrh 28:99-108, 31 Aug 72

The paricipation of phospholipids in the extrinsic pathway of the coagulation process. Kunz F.
Thromb Diath Haemorrh 27:655-7, 31 Jul 72

Clinically mild thrombasthenia with normal platelet coagulant activities. Walsh PN, et al.
Thromb Diath Haemorrh 28:440-6, 31 Dec 72

A therapeutic concentrate of coagulation factors II, IX and X from citrated, factor VIII-depleted plasma. Middleton SM, et al. **Vox Sang** 24:441-56, May 73

[In-vitro "thromboplastic" activity of leukocytes and intravascular blood coagulation in leukemias] Gouault-Heilmann M, et al.
Pathol Biol (Paris) Suppl:56-64, Dec 72 (Eng. Abstr.) **(Fre)**

[Synovial inflammation and coagulation factors. II. Biological study of synovial fluid in serogically positive rheumatoid arthritis] Soria C, et al.
Pathol Biol (Paris) 20:695-701, Sep 72 **(Fre)**

[Attempt at explanation of the mechanism of labor. I. Coagulation system and fibrinolysis during physiological labor] Konopka P, et al.
Rev Fr Gynecol Obstet 68:1-6, Jan 73 (Eng. Abstr.) **(Fre)**

[Treatment problems in acute circulation disorders of the inner ear using low molecular dextrans] Förster KH, et al. **HNO** 20:208-11, Jul 72 (Eng. Abstr.) **(Ger)**

[Efficiency and limits of blood coagulation tests] Róka L. **Internist (Berlin)** 14:149-53, Apr 73 **(Ger)**

[Parietal thromboplastin time, thromboplastin time fibrinogen, thrombin time and thrombocyte count in healthy and sick newborn infants] Göbel U, et al.
Monatsschr Kinderheilkd 120:484-8, Dec 72 (Eng. Abstr.) **(Ger)**

[Quality control in the hematologic laboratory] Bucher HJ.
Schweiz Med Wochenschr 102:1857-66, 23 Dec 72 (Eng. Abstr.) **(Ger)**

[Acquired factor IX-inhibitor in a non-hemophilic patient with autoimmune disease] Largo R, et al.
Schweiz Med Wochenschr 102:1612-3, 4 Nov 72 (Eng. Abstr.) **(Ger)**

[Value of coagulation studies in the course of acute hepatitis] Hentschel E, et al.
Wien Med Wochenschr 122:500-4, 2 Sep 72 **(Ger)**

[Effect of a heparinoid extract on the blood lipids and basal thrombodensitogram] Ferri F, et al.
Minerva Med 64:272-7, 27 Jan 73 (Eng. Abstr.) **(Ita)**

[Hemostasis and hypoxic hypoxia] Strumza MV.
Minerva Med 63:391-7, 1972 **(Ita)**

[Variations of the blood phenomenon in traumatized animals] Paolucci G.
Riv Med Aeronaut Spaz 35:73-83, Jan-Jun 72 (Eng. Abstr.) **(Ita)**

[Technic of the thromboplastin formation test] Shmushko RIa. **Lab Delo** 7:444-5, 1972 **(Rus)**

[Mechanism of increased blood coagulability in the early periods following sonic action] Byshevskii ASh, et al.

Patol Fiziol Eksp Ter 16:73-4, Nov-Dec 72 (Eng. Abstr.) (Rus)
[Blood coagulation tissue factors in human palatine tonsils] Rybina OF.
Vestn Otorinolaringol 35:61-3, Mar-Apr 73 (Eng. Abstr.) (Rus)
[The interrelationship between vitamins A and K and their influence on the blood coagulation system] Andreenko GV, et al.
Vopr Pitan 31:48-52, Jul-Aug 72 (Eng. Abstr.) (Rus)

ANTAGONISTS & INHIBITORS

Thromboplastic activity of acetone-dehydrated chicken brain powder extracts after repeated extraction and dilution. Shum YS, et al.
Poult Sci 51:402-7, Mar 72
Inhibition of thromboplastin activity in plasma by aluminosilicate treatment. Chenkin T, et al.
Thromb Diath Haemorrh 28:135-43, 31 Aug 72
The effects of Naja flava venom on blood coagulation. Mohamed AH, et al. **Toxicon** 10:619-25, Oct 72
The effect of the purified anticoagulant principle of Agkistrodon acutus venom on blood coagulation. Ouyang C, et al. **Toxicon** 11:287-92, Apr 73
[Trasylol as inhibitor of the thromboplastic effect of amniotic fluid and placental extracts] Slunsky R.
Folia Haematol (Leipz) 98:338-45, 1972 (Eng. Abstr.) (Ger)
[Inhibition of the thromboplastic effect of placental extracts using trasylol] Slunsky R.
Z Geburtshilfe Perinatol 176:201-6, Jun 72 (Eng. Abstr.) (Ger)
[Behavior of the serum thromboplastin inhibition capacity during labor and puerperium] Günther M, et al. **Zentralbl Gynaekol** 94:1198-200, 9 Sep 72 (Ger)

BIOSYNTHESIS

Membrane-mediated synthesis of tissue factor (thromboplastin) in cultured fibroblasts. Zacharski LR, et al. **Blood** 41:679-85, May 73
Heparin induced thrombocytopenia with thrombotic and hemorrhagic manifestations. Rhodes GR, et al.
Surg Gynecol Obstet 136:409-16, Mar 73
Anticoagulant factors from Viperidae venoms. Platelet phospholipid inhibitors. Boffa MC, et al.
Thromb Diath Haemorrh 28:509-23, 31 Dec 72
[Role of coagulopathy in the pathogenesis of hemorrhagic diathesis in chronic renal insufficiency] Belitskaia GA.
Ter Arkh 44:93-6, Aug 72 (Eng. Abstr.) (Rus)

BLOOD

Sensitivity of commercial thromboplastins to factor VII. Singer JW, et al. **Am J Clin Pathol** 59:755-9, May 73
[The effect of vitamin B-15 on the level of cholesterol and the functional state of the anticoagulant system of the blood of animals] Andreenko GV, et al.
Kardiologiia 12:40-5, Dec 72 (Eng. Abstr.) (Rus)

DIAGNOSTIC USE

Evaluation of a photoelectric automatic prothrombin analyzer. Davey FR, et al.
Am J Clin Pathol 58:687-92, Dec 72
An IgM circulating anticoagulant with factor VIII inhibitory activity. McKelvey EM, et al.
Ann Intern Med 77:571-5, Oct 72
Progress in the control of oral anticoagulation. Loeliger EA. **Thromb Diath Haemorrh** 28:109-19, 31 Aug 72

ISOLATION & PURIFICATION

Thromboplastic activity of acetone-dehydrated chicken brain powder extracts after repeated extraction and dilution. Shum YS, et al.
Poult Sci 51:402-7, Mar 72

METABOLISM

Blood coagulation, fibrinolysis and platelet function in women aged 38, 46, 50, 54 and 60. The study of women in Gothenburg 1968-1969. Korsan-Bengtsen K, et al.
Acta Med Scand 193:543-6, Jun 73
Studies on the dissociation of tissue factor (tissue thromboplastin) on treatment with butan-1-ol. Muthe AV, et al. **Biochem J** 128:47P, Jun 72
Normotest in acute viral hepatitis. Schmidt W, et al.
Scand J Gastroenterol [Suppl] 19:143-50, 1973
Filipin as a tool for the study of blood coagulation reactions. Pias PM van der, et al.
Thromb Diath Haemorrh 27:584-93, 31 Jul 72
The effects of salts and of ionic strength on the hydrolysis of TAME (p-toluenesulfonyl-L-arginine methyl ester) by thrombin and thrombokinase. Roberts PS, et al.
Thromb Diath Haemorrh 27:573-83, 31 Jul 72
[Physiological inhibitors of thrombin and thrombin synthesis] Schröer H.
Folia Haematol (Leipz) 99:212-22, 1973 (34 ref.) (Eng. Abstr.) (Ger)
[Vitamin A overdosage. II. Cytological and biochemical changes in blood from high doses of vitamin A with and without alpha-tocopherol treatment] Soliman MK.
Int J Vitam Nutr Res 42:576-82, 1972 (Eng. Abstr.) (Ger)
[Effects of hydroxyethyl starch on blood coagulation and fibrinolysis. 1. In vitro studies] Matsuda T, et al.
Jap J Clin Hematol 13:831-4, Oct 72 (Eng. Abstr.) (Jap)
[The effect of aminazine on blood coagulation] Novak EN.
Farmakol Toksikol 35:717-20, Nov-Dec 72 (Eng. Abstr.) (Rus)
[Significance of lymphoid tissue humoral factors in regulation of body functions] Kendysh IN.
Usp Sovrem Biol 73:342-63, May-Jun 72 (193 ref.) (Rus)

PHARMACODYNAMICS

Thrombogenic activity of leukocytes. Niemetz J, et al.
Blood 42:47-59, Jul 73
Thromboplastic activity of acetone-dehydrated chicken brain powder extracts after repeated extraction and dilution. Shum YS, et al.
Poult Sci 51:402-7, Mar 72
[Metabolism of fibrinogen following administration of brain phospholipids in combination with an antifibrinolytic agent (AMCHA)] Cultrera G, et al.
Arzneim Forsch 23:445-7, Mar 73 (Eng. Abstr.) (Ger)
[Therapy of an experimentally induced radiation syndrome in the rat using brain phospholipids and an antifibrinolytic agent (AMCHA)] Spreafico PL, et al.
Arzneim Forsch 23:441-4, Mar 73 (Eng. Abstr.) (Ger)
[Effect of various hemostyptics in animal experiment] Mergard U, et al.
Chirurg 43:411-5, Sep 72 (Eng. Abstr.) (Ger)
[Fibrinolysis associated with consumption coagulopathy] Moriguchi T.
Jap J Clin Hematol 13:157-66, Apr 72 (Eng. Abstr.) (Jap)

PHYSIOLOGY

Hemorrhagic disease due to vitamin K deficiency in a premature infant: a syndrome which may resemble disseminated intravascular coagulation (DIC). Mangurten HH, et al.
Clin Pediatr (Phila) 12:372-5, Jun 73
Platelet lipids and coagulation in plasma. II. Thromboplastic activity. Boggust WA.
Ir J Med Sci 141:168-80, Oct-Dec 72
Anticoagulant activity of two commercially available heparin preparations. A controlled study. Gomez-Perez F. **J Clin Pharmacol** 12:413-6, Oct 72
[Disseminated intravascular coagulation] Amir J.
Harefuah 83:29-32, 2 Jul 72 (20 ref.) (Heb)
[Role of the heart and vessels in regulating blood coagulation and fibrinolysis] Kuznik BI, et al.
Kardiologiia 13:145-54, Apr 73 (112 ref.) (Rus)

RADIATION EFFECTS

Effect of tracer doses of radiopharmaceutic substances labelled with gold (198 Au), indium (113m In) and Mercury (203 Hg) on blood clotting. Răiciulescu N, et al. **Rev Roum Med Intern** 9:475-90, 1972

SECRETION

The diagnosis of von Willebrand's disease. Bowie EJ, et al. **Ann Clin Lab Sci** 1:85-91, Jul-Aug 71 (39 ref.)
Disseminated intravascular coagulation associated with massive brain injury. Kelmowitz RM, et al.
J Neurosurg 39:178-80, Aug 73

STANDARDS

Comparison of activated partial thromboplastin reagents. Sibley C, et al.
Am J Clin Pathol 59:581-6, Apr 73

The critical evaluation of thromboplastin. Ziegler FD, et al. **Ann Clin Lab Sci** 2:16-25, Jan-Feb 72 (69 ref.)

Anticoagulants in thromboembolism. Lam-Po-Tang PR.
Med J Aust 2:1438, 16 Dec 72

Some recent advances in coagulation--1972. King JB.
S Afr Med J 46:2085-9, 30 Dec 72 (42 ref.)

[Experimental testing of local hemostyptics] Köhnlein HE, et al. **Chirurg** 43:378-81, Aug 72 (Ger)

THERAPEUTIC USE

[Therapy of an experimentally induced radiation syndrome in the rat using brain phospholipids and an antifibrinolytic agent (AMCHA)] Spreafico PL, et al.
Arzneim Forsch 23:441-4, Mar 73 (Eng. Abstr.) (Ger)

TRYPSIN

Enzymatic degradation of peptides containing alpha-aminooxycarboxylic acids. Kisfaludy L, et al.
Acta Biochim Biophys Acad Sci Hung 6:393-403, 1971

Susceptibility of human G immunoglobulins to tryptic fragmentation. Medgyesi GA, et al.
Acta Biochim Biophys Acad Sci Hung 6:405-14, 1971

Liberation of cell surface material by the insoluble trypsin derivative. Kocemba-Sliwowska U, et al.
Acta Biochim Pol 20:113-8, 1973

Modifications of trypsin with diazobenzenesulphonic acid. Bauer CA, et al.
Acta Chem Scand 26:1209-16, 1972

The primary structure of soybean leghemoglobin. I. The separation of the tryptic peptides of the apoprotein from the slow component and their amino acid compositions. Elfolk N, et al.
Acta Chem Scand 26:1155-65, 1972

Viability tests in exfoliated cells from vaginal and oral epithelia. Rubio CA, et al.
Acta Cytol (Baltimore) 17:32-6, Jan-Feb 73

Transformation of col V and col I factors. Derylo M, et al. **Acta Microbiol Pol** [A] 4:153-61, 1972

Submicroscopic structure of the corpora amylacea of the central nervous system. Deák G, et al.
Acta Morphol Acad Sci Hung 20:77-84, 1972

On the ultrastructure and proteolytic susceptibility of acetylcollagen as studied by topo-optical reactions. Romhányi G, et al.
Acta Morphol Acad Sci Hung 20:49-69, 1972

Studies on the vasculature and myelinated nerves of the pig iris. Saari M.
Acta Ophthalmol [Suppl] (Kbh) 118:3-35, 1972

Post mortem changes of human serum esterases. An electrophoretic study. Arnason A, et al.
Acta Pathol Microbiol Scand [A] 80:841-6, 1972

Identification of penicillin-stimulated staphylococcal haemolysin as alpha-lysin. Hallander HO, et al.
Acta Pathol Microbiol Scand [B] 80:690-4, 1972

Some characteristics of the A antigen in Marek's disease virus--infected cell cultures. Settnes OP.
Acta Pathol Microbiol Scand [B] 80:817-22, 1972

Interferon production in arbovirus-infected cell cultures of tortoise (Testudo graeca) kidney. Galabov A, et al. **Acta Virol (Praha)** 17:1-10, Jan 73

The effect of enzymes on extracellular connective tissue components in the developing chick aorta. Newman TL, et al. **Am J Anat** 136:407-25, Apr 73

Metabolic and chemical features of ferritins, a series of iron-inducible tissue proteins. Linder MC, et al.
Am J Pathol 72:263-82, Aug 73 (47 ref.)

Fully automated simple analytical peptide chromatography on the amino acid analyzer at the 10-8 mole level. Atassi MZ, et al.
Anal Biochem 49:164-72, Sep 72

The coupling of biologically active proteins to ethylene-maleic anhydride copolymers of different anhydride content. Goldstein L.
Anal Biochem 50:40-6, Nov 72

Evaluation of applicability of tryptic peptide maps for "finger printing" mitochondrial membrane protein preparations. Kaplan DM, et al.
Anal Biochem 52:102-10, Mar 73

The molecular structure of fibrinogen. Blombäck B, et al. **Ann NY Acad Sci** 202:77-97, 8 Dec 72 (54 ref.)

Correlation of the mode of fibrin polymerization with the pattern of cross-linking. Doolittle RF, et al.
Ann NY Acad Sci 202:114-26, 8 Dec 72

Epsilon-(gamma-glutamyl) lysine cross-links: determination in fibrin from normal and factor XIII-deficient individuals. Pisano JJ, et al.
Ann NY Acad Sci 202:98-113, 8 Dec 72

Base deficit in superior mesenteric artery occlusion, an aid to early diagnosis. Brooks DH, et al.
Ann Surg 177:352-6, Mar 73

Catalytic configurations. Henderson R, et al.
Annu Rev Biophys Bioeng 1:1-26, 1972 (117 ref.)

Fermentation process for double-stranded ribonucleic acid, an interferon inducer. Lago BD, et al.
Appl Microbiol 24:430-6, Sep 72

Recovery of dengue viruses from tissues of experimentally infected rhesus monkeys. Marchette NJ, et al. **Appl Microbiol** 24:328-33, Sep 72

Quantitative growth of Naegleria in axenic culture. O'Dell WD, et al. **Appl Microbiol** 25:621-7, Apr 73

Use of trypsin-modified human erythrocytes in rubella hemagglutination-inhibition testing. Quirin EP, et al.
Appl Microbiol 24:353-7, Sep 72

Fractionation of dipeptidase activities of Streptococcus lactis and dipeptidase specificity of some lactic acid bacteria. Sorhaug T, et al.
Appl Microbiol 25:388-95, Mar 73

Comparison of three blood culture media for recovery of anaerobic bacteria. Washington JA 2d, et al.
Appl Microbiol 25:70-1, Jan 73

Cultural characteristics of a cell line derived from an equine sarcoid. Watson RE Jr, et al.
Appl Microbiol 24:727-31, Nov 72

Effect of frozen storage time on heat inactivation of Clostridium botulinum type E toxin. Yao MG, et al.
Appl Microbiol 25:503-5, Mar 73

Studies on aldolase from human cardiac tissue. Allen BL, et al. **Arch Biochem Biophys** 155:325-31, Apr 73

The pyridoxal phosphate-binding site of rabbit muscle aldolase. Anal M, et al.
Arch Biochem Biophys 156:712-9, Jun 73

Protein synthesis directed by encephalomyocarditis virus mRNA. 3. Discrete polypeptides translated from a monocistronic messenger in vitro. Boime I, et al.
Arch Biochem Biophys 153:706-13, Dec 72

The proposed amino acid sequence of the P1 protein of rabbit sciatic nerve myelin. Brostoff SW, et al.
Arch Biochem Biophys 153:590-8, Dec 72

Immobilized isocrite dehydrogenase: some aspects of its catalytic, chemical and immunological properties. Chung AE. **Arch Biochem Biophys** 152:125-35, Sep 72

-Keto acid dehydrogenase complexes. 18. Subunit composition of the Escherichia coli pyruvate dehydrogenase complex. Eley MH, et al.
Arch Biochem Biophys 152:655-69, Oct 72

Activation of glutaraldehyde-crosslinked chymotrypsinogen-A. Enzymatic activity and circular dichroism studies. Gaffield W, et al.
Arch Biochem Biophys 152:405-14, Aug 73

The hemoglobins of a fresh-water teleost, Cichlasoma cyanoguttatum (Baird and Girard). II. Subunit structure and oxygen equilibria of the isolated components. Gillen RG, et al.
Arch Biochem Biophys 154:348-59, Jan 73

Chemical evidence for identical subunits in L-asparaginase from Escherichia coli B. Greenquist AC, et al. **Arch Biochem Biophys** 152:280-6, Sep 72

Experimental allergic encephalomyelitis: basic protein regions responsible for delayed hypersensitivity. Hashim GA, et al.
Arch Biochem Biophys 156:298-309, May 73

Amino acid sequences of the amino and the carboxyl terminal cyanogen bromide peptides of bovine plasma albumin. King TP, et al.
Arch Biochem Biophys 153:627-40, Dec 72

Synthesis of an immunoglobulin light chain: pulse-labeling studies. Knopf PM, et al.
Arch Biochem Biophys 157:285-302, Jul 73

C-phycocyanin from Phormidium luridum. Isolation of subunits. Kobayashi Y, et al.
Arch Biochem Biophys 152:187-98, Sep 72

Sulfanilation of lysozyme by carbodiimide reaction. Reactivities of individual carboxyl groups. Kramer KJ, et al. **Arch Biochem Biophys** 156:414-25, Jun 73

Isolation of polypeptides containing the intermolecular cross-link , '-dihydroxylysinonorleucine from dentin collagen. Kuboki Y, et al.
Arch Biochem Biophys 158:106-15, Sep 73

Fructose diphosphate aldolase during growth and development of the blowfly Phormia regina (Meigen). 3. Physicochemical comparison of the larval and adult muscle enzymes. Levenbook L, et al.
Arch Biochem Biophys 152:625-31, Aug 73

The primary structure of sheep pituitary growth hormone. Li CH, et al.
Arch Biochem Biophys 156:493-508, Jun 73
Diphosphopyridine nucleotide-linked D-lactate dehydrogenases from the horseshoe crab, Limulus polyphemus and the seaworm, Nereis virens. I. Physical and chemical properties. Long GL, et al.
Arch Biochem Biophys 154:696-710, Feb 73
The peptides of chloroplast membranes. I. The soluble coupling factor (Ca2plus-ATPase). McEvoy FA, et al.
Arch Biochem Biophys 156:335-41, May 73
Occurrence of epsilon-N-Acetyllysine in calf thymus histone F2b. Marzluff WF Jr, et al.
Arch Biochem Biophys 152:472-4, Oct 72
Effect of secondary interaction on the enzymatic activity of trypsin-like enzymes from Streptomyces. Morihara K, et al.
Arch Biochem Biophys 156:764-71, Jun 73
Further studies on mitogenic components of Phaseolus vulgaris phytohemagglutinin: subunit structure. O YH, et al. **Arch Biochem Biophys 152:631-7, Oct 72**
Rat hepatic glucokinase: improved purification and some properties. Pilkis SJ.
Arch Biochem Biophys 149:349-60, Apr 72
Microsomal electron transport: tetrazolium reduction by rat liver microsomal NADPH-cytochrome c reductase. Roerig DL, et al.
Arch Biochem Biophys 153:475-9, Dec 72
The primary structure of ovine interstitial cell-stimulating hormone. I. The -subunit. Sairam MR, et al. **Arch Biochem Biophys 153:554-71, Dec 72**
The primary structure of ovine interstitial cell-stimulating hormone. II. The -subunit. Sairam MR, et al. **Arch Biochem Biophys 153:572-86, Dec 72**
Amino acid sequences in the -chains of adult bovine hemoglobins C-Rhodesia and D-Zambia. Schroeder WA, et al. **Arch Biochem Biophys 152:222-32, Sep 72**
Major glycoprotein of the human erythrocyte membrane: evidence for an amphipathic molecular structure. Segrest JP, et al.
Arch Biochem Biophys 155:167-83, Mar 73
Subunit structure of -acetohydroxy acid isomeroreductase from Salmonella typhimurium. Shematek EM, et al.
Arch Biochem Biophys 158:126-31, Sep 73
The use of frozen cells in the agar-cell suspension titration technique. A reproducible system. Brief report. Barteling SJ.
Arch Gesamte Virusforsch 38:271-3, 1972
The characterization of Chikungunya virus RNA. Nagatomo Y. **Arch Gesamte Virusforsch 39:63-73, 1972**
Structure, hemagglutinins, and subgroup position of adenovirus 20, 25, and 28. Wigand R, et al.
Arch Gesamte Virusforsch 38:167-76, 1972
Retinal vascular bed in heart failure. Study in cardiomyopathic hamsters. Forthomme D, et al.
Arch Ophthalmol 89:128-37, Feb 73
Interaction of lipids with acid-soluble bovine skin collagen. Rabinowitz JL, et al.
Arch Oral Biol 18:295-6, Feb 73
The complete amino acid sequence of a feather keratin from emu (Dromaius novae-hollandiae). O'Donnell IJ.
Aust J Biol Sci 26:415-35, Apr 73
The chemical composition of wool. X. Material digested by trypsin from fibres and cortical cells. Peters DE, et al. **Aust J Biol Sci 25:1225-34, Dec 72**
Studies on monotreme proteins. I. Amino acid sequence of the -chain of haemoglobin from the echidna, Tachyglossus aculeatus aculeatus. Whittaker RG, et al. **Aust J Biol Sci 25:989-1004, Oct 72**
Comparison o the peptide "finger print" and antigenic specificity of a diphtheria toxin fragment produced by a phage-mutant lysogen and "fragments A and B" of the toxin. Matsuda M, et al.
Biken J 15:199-206, Dec 72
Selective modification of tyrosine and cysteine residues in aspartate aminotransferase from pig heart cytosol. Bocharov AL, et al.
Biochem Biophys Res Commun 50:377-83, 23 Jan 73
Sialyl transferase activity in normal and RNA- and DNA-virus transformed cells utilizing desialyzed, trypsinized cell plasma membrane external surface glycoproteins as exogenous acceptors. Bosmann HB.
Biochem Biophys Res Commun 49:1256-62, 4 Dec 72
The structure of l-CB3, a cyanogen bromide fragment from the central portion of the l chain of rat collagen. The tryptic peptides from skin and dentin collagens. Butler WT.
Biochem Biophys Res Commun 48:1540-8, 26 Sep 72
Conformational studies on subfragments from the Fc region of human immunoglobulin G. Dorrington KJ, et al. **Biochem Biophys Res Commun 47:512-6, 28 Apr 72**
The amino acid sequence of Desulfovibrio vulgaris flavodoxin. Dubourdieu M, et al.
Biochem Biophys Res Commun 52:1418-25, 19 Jun 73
Diphtheria toxin: evidence for presence of fragment B in corynebacteriophage. Elwell LP, et al.
Biochem Biophys Res Commun 49:609-14, 1 Nov 72
Incorporation in vitro of purified cytochrome b 5 into liver microsomal membranes. Enomoto K, et al.
Biochem Biophys Res Commun 51:1-7, 5 Mar 73
Cooperative transitions between active -and -trypsin conformations. Gabel D, et al.
Biochem Biophys Res Commun 48:1011-8, 21 Aug 72
The number and nature of , -unsaturated amino acids in subtilin. Gross E, et al.
Biochem Biophys Res Commun 50:559-65, 23 Jan 73
Allergic encephalomyelitis: characterization of the determinants for delayed type hypersensitivity. Hashim GA, et al.
Biochem Biophys Res Commun 50:589-96, 5 Feb 73
Amino acid sequence of human erythrocyte carbonic anhydrase C. Henderson LE, et al.
Biochem Biophys Res Commun 52:1388-94, 19 Jun 73
A protein related to immunoglobulin light chain detected in mouse myeloma cells. Jones GH.
Biochem Biophys Res Commun 51:88-93, 5 Mar 73
Structure of the flavin site of Chromatium flavocytochrome c -552 . Kenney WC, et al.
Biochem Biophys Res Commun 52:434-9, 15 May 73
In vitro formation of assimilatory nitrate reductase: presence of the constitutive component in bacteria. Ketchum PA, et al.
Biochem Biophys Res Commun 52:1450-6, 19 Jun 73
Homology between bovine high molecular weight and low molecular weight kininogens. Komiya M, et al.
Biochem Biophys Res Commun 49:1438-43, 18 Dec 72
Association of sialic acid with microsomal membrane structures in rat liver. Larsén C, et al.
Biochem Biophys Res Commun 49:1300-6, 4 Dec 72
Adrenocorticotropin 45. Revised amino acid sequences for sheep and bovine hormones. Li CH.
Biochem Biophys Res Commun 49:835-9, 1 Nov 72
The use of mass spectrometry in deducing the sequence of somatostatin--a hypothalamic polypeptide that inhibits the secretion of growth hormone. Ling N, et al.
Biochem Biophys Res Commun 50:127-33, 4 Jan 73
Phosphodiesterase activity and the potentiation by theophylline of adrenocorticotrophin stimulated steroidogenesis and adenosine 3',5'-monophosphate levels in isolated rat adrenal cells. Mackie C, et al.
Biochem Biophys Res Commun 53:545-51, 17 Jul 73
The pleiotypic response in mammalian cells: search for an intracellular mediator. Mamont P, et al.
Biochem Biophys Res Commun 48:1378-84, 26 Sep 72
Labeling of the active site of cytoplasmic aspartate aminotransferase by -chloro-L-alanine. Morino Y, et al. **Biochem Biophys Res Commun 50:1061-7, 20 Feb 73**
Human pituitary thyrotropin: isolation and chemical characterization of its subunits. Sairam MR, et al.
Biochem Biophys Res Commun 51:336-42, 17 Mar 73
Subunit structure and properties of two forms of adenosine triphosphatase released from Micrococcus lysodeikticus membranes. Salton MR, et al.
Biochem Biophys Res Commun 49:350-7, 17 Oct 72
Evidence for phospholipid in plasma membrane penicillinase of Bacillus licheniformis 749-C. Sawai T, et al.
Biochem Biophys Res Commun 53:523-30, 17 Jul 73
Red cell membrane glycoprotein: amino acid sequence of an intramembranous region. Segrest JP, et al.
Biochem Biophys Res Commun 49:964-9, 15 Nov 72
Amino acid sequence of the first 65 residues of IgA myeloma protein. Shinoda T.
Biochem Biophys Res Commun 52:1246-51, 19 Jun 73
Localization of the four disulfide bridges in cytotoxin II from the venom of the indian cobra (Naja naja). Takechi M, et al.
Biochem Biophys Res Commun 49:584-90, 17 Oct 72
Relative turnover rates of subunits of rat liver fatty acid synthetase. Tweto J, et al.
Biochem Biophys Res Commun 48:1371-7, 26 Sep 72
Molecular location of the genetic lesion in the acatalasemic mouse. Feinstein RN, et al.
Biochem Genet 6:263-73, Jun 72
Two hemoglobin phenotypes in the American bison (Bison bison): a possible genetic explanation based on structural studies. Harris MJ, et al.
Biochem Genet 9:1-11, May 73

Molecular pathology of ceruloplasmin. Neifakh SA, et al. **Biochem Genet** 6:231-8, Apr 72

Characterization and strain distribution of four alleles at the hemoglobin -chain structural locus in the mouse. Russell ES, et al. **Biochem Genet** 7:313-30, Dec 72

Structural comparisons between chicken low molecular weight immunoglobulin heavy chains and human chains. Travis JC, et al. **Biochem Genet** 8:391-401, Apr 73

The amino acid sequences of cytochromes c-551 from three species of Pseudomonas. Ambler RP, et al. **Biochem J** 131:485-98, Mar 73

Complete amino acid analysis of peptides and proteins after hydrolysis by a mixture of sepharose-bound peptidases. Bennett HP, et al. **Biochem J** 129:695-701, Sep 72

Confirmation of the 1-20 amino acid sequence of human adrenocorticotrophin. Bennett HP, et al. **Biochem J** 133:11-3, May 73

The primary structure of cytochrome c from the rust fungus Ustilago sphaerogena. Bitar KG, et al. **Biochem J** 129:561-9, Sep 72

The amino acid sequence of -crystallin (fraction II) from calf lens. Croft LR. **Biochem J** 128:961-70, Jul 72

The primary structure of aspartate aminotransferase from pig heart muscle. Partial sequences determined by digestion with pepsin and trypsi trypsin. Doonan S, et al. **Biochem J** 130:443-52, Nov 72

Characterization of alternative molecular forms of xanthine oxidase in the mouse. Duke EJ, et al. **Biochem J** 131:187-90, Feb 73

The amino acid sequence of protein SCMK-B2A from the high-sulphur fraction of wool keratin. Elleman TC. **Biochem J** 130:833-45, Dec 72

The antibody binding site. Labelling of a specific antibody against the photo-precursor of an aryl nitrene. Fleet GW, et al. **Biochem J** 128:499-508, Jul 72

Conformational changes in human lens proteins in cataract. Harding JJ. **Biochem J** 129:97-100, Aug 72

Chemical compositions of elastins isolated from aortas and pulmonary tissues of humans of different ages. John R, et al. **Biochem J** 127:261-9, Mar 72

The influx of calcium ions into human erythrocytes during cold storage. Long C, et al. **Biochem J** 132:559-70, Mar 73

Delta-aminolaevulinate dehydratase, the regulatory enzyme of the haem-biosynthetic pathway in Neurospora crassa. Muthukrishnan S, et al. **Biochem J** 129:31-7, Aug 72

The reactivity of functional groups as a probe for investigating the topography of tobacco mosaic virus. The use of mutants with additional lysine residues in the coat protein. Perham RN. **Biochem J** 131:119-26, Jan 73

Isolation of human synovial-fluid hyaluronate by density-gradient ultracentrifugation and evaluation of its protein content. Scher I, et al. **Biochem J** 126:1073-80, Mar 72

Microheterogeneity at the C-terminus of gamma-crystallin fraction IVb. Slingsby C, et al. **Biochem J** 127:609-10, Apr 72

The amino acid sequence of the B-protein of bacteriophage ZJ-2. Snell DT, et al. **Biochem J** 127:167-78, Mar 72

The disulphide bridges of a mouse immunoglobulin G1 protein. Svasti J, et al. **Biochem J** 126:837-50, Feb 72

The complete amino acid sequence of a mouse kappa light chain. Svasti J, et al. **Biochem J** 128:427-44, Jun 72

The release of collagenase as an inactive proenzyme by bone explants in culture. Vaes G. **Biochem J** 126:275-89, Jan 72

The modification and removal of the N-terminal residue of trypsin by transamination. Webster D, et al. **Biochem J** 130:315-7, Nov 72

Replacement of asparagine by aspartic acid in hen ovalbumin and a difference in immunochemical reactivity. Wiseman RL, et al. **Biochem J** 127:775-80, May 72

Amino acid sequences of mouse 2.5S nerve growth factor. I. Isolation and characterization of the soluble tryptic and chymotryptic peptides. Angeletti RH, et al. **Biochemistry** 12:90-100, 2 Jan 73

Immunochemistry of sperm-whale myoglobin. Conformation and immunochemistry of derivative reduced at some carboxyl groups by diborane. Atassi MZ, et al. **Biochemistry** 11:3984-90, 10 Oct 72

Structure of rat skin collagen alpha 1-CBB. Amino acid sequence of the hydroxyl amine-produced fragment HA2. Balian G, et al. **Biochemistry** 11:3798-806, 26 Sep 72

Comparative studies of the single tryptophan residue in human chorionic somatomammotropin and human pituitary growth hormone. Bewley TA, et al. **Biochemistry** 11:4179-87, 24 Oct 72

Transfer ribonucleic acids from mouse plasmacytoma tumors producing kappa and immunoglobulin chains. Bridges KR, et al. **Biochemistry** 12:1208-12, 13 Mar 73

Methods for purification of each subunit of the mitochondrial oligomycin-insensitive adenosine triphosphatase. Brooks JC, et al. **Biochemistry** 11:4675-8, 5 Dec 72

Alkyl isocyanates as active-site-specific reagents for serine proteases. Identification of the active-site serine as the site of reaction. Brown WE, et al. **Biochemistry** 12:835-40, 27 Feb 73

Alkyl isocyanates as active-site-specific reagents for serine proteases. Reaction properties. Brown WE, et al. **Biochemistry** 12:828-34, 27 Feb 73

Studies on the "hinge" region of myosin. Burke M, et al. **Biochemistry** 12:701-10, Feb 73

Isolation and properties of a low molecular weight protein (apovitellenin I) from the high-lipid lipoprotein of emu egg yolk. Burley RW. **Biochemistry** 12:1464-70, 27 Mar 73

Antigenic determinants in lysine-rich histones. Bustin M, et al. **Biochemistry** 12:1124-9, 13 Mar 73

Susceptibility of paramyosin to proteolysis and the relationship to regions of different stability. Cowgill RW. **Biochemistry** 11:4532-9, 21 Nov 72

Lanthanide ions activate alpha-amylase. Darnall DW, et al. **Biochemistry** 12:3489-91, 28 Aug 73

A collagenolytic protease from the hepatopancreas of the fiddler crab, Uca pugilator. Purification and properties. Eisen AZ, et al. **Biochemistry** 12:1814-22, 24 Apr 73

A technique for the detection of deleted immunoglobulin heavy chains. Frangione B. **Biochemistry** 12:3355-9, 14 Aug 73

Amino acid sequences of the two principal neurotoxins of Enhydrina schistosa venom. Fryklund L, et al. **Biochemistry** 11:4633-40, 21 Nov 72

Fb, a ndw enzymatic fragment of human G immunoglobulin. Gall WE, et al. **Biochemistry** 11:4621-8, 21 Nov 72

Reaction of bovine and ovine pituitary growth hormones with tetranitromethane. Glaser CB, et al. **Biochemistry** 12:3379-87, 28 Aug 73

Glycoproteins from the surface of metaphase cells. Glick MC, et al. **Biochemistry** 12:85-90, 2 Jan 73

Electrophoretic study of the polypeptides from surface membranes of mammalian cells. Greenberg CS, et al. **Biochemistry** 11:3680-5, 26 Sep 72

Substructure of paramyosin. Correlation of helix stability, trypsin digestion kinetics, and amino acid composition. Halsey JF, et al. **Biochemistry** 12:693-701, Feb 73

Determination of the amino acid sequence of porcine trypsin by sequenator aalysis. Hermodson MA, et al. **Biochemistry** 12:3146-53, 14 Aug 73

A requirement for cytochrome b 5 in microsomal stearyl coenzyme A desaturation. Holloway PW, et al. **Biochemistry** 11:3689-96, 26 Sep 72

Isolation and partial characterization of the cyanogen bromide fragments of 1 -acid glycoprotein and the elucidation of the amino acid sequence of the carboxyl-terminal cyanogen bromide fragment. Ikenaka T, et al. **Biochemistry** 11:3817-29, 26 Sep 72

Studies on the major sialoglycoprotein of the human red cell membrane. Isolation and characterization of tryptic glycopeptides. Jackson RL, et al. **Biochemistry** 12:3131-8, 31 Jul 73

Selective modification of tryptophan-149 in ovine pituitary lactogenic hormone. Kawauchi H, et al. **Biochemistry** 12:2124-30, 22 May 73

Glycoproteins associated with nuclei of cells before and after transformation by a ribonucleic acid virus. Keshgegian AA, et al. **Biochemistry** 12:1221-6, 13 Mar 73

On the hysteretic response of rabbit skeletal muscle phosphorylase kinase. Kim G, et al. **Biochemistry** 12:2090-5, 22 May 73

Peptide-bond hydrolysis equilibria in the antitrypsin site of lima bean protease inhibitor. Krahn J, et al. **Biochemistry** 12:1330-5, 27 Mar 73

Molecular dissection of immunoglobulin G. Conformational interrelationships of the subunits of human immunoglobulin G. Litman GW, et al. **Biochemistry** 12:2004-11, 8 May 73

Mouse immunoglobulin chains. Partial amino acid sequence of a kappa chain. McKean D, et al. **Biochemistry** 12:749-59, Feb 73

Mouse immunoglobulin chains. Pattern of sequence variation among kappa chains with limited sequence differences. McKean D, et al. **Biochemistry** 12:760-71, Feb 73

Photooxidation of the protoporphyrin-apomyoglobin complex. Mauk MR, et al. **Biochemistry** 12:3187-93, 14 Aug 73

Structure of immunoglobulin A. Amino acid sequence of cysteine-containing peptides from the J chain. Mendez E, et al. **Biochemistry** 12:1119-24, 13 Mar 73

Selective cysteine modification in glyceraldehyde-3-phosphate dehydrogenase. Moore J Jr, et al. **Biochemistry** 11:3762-70, 26 Sep 72

In vitro adenylylation of lysine-sensitive aspartylkinase from Escherichia coli TIR-8. Niles EG, et al. **Biochemistry** 12:1723-9, 24 Apr 73

Haloacetol phosphates. A comparative study of the active sites of yeast and muscle triose phosphate isomerase. Norton IL, et al. **Biochemistry** 11:4435-41, 21 Nov 72

Estrogen-binding proteins of calf uterus. Interrelationship between various forms and identification of a receptor-transforming factor. Puca GA, et al. **Biochemistry** 11:4157-65, 24 Oct 72

Isolation and characterization of pancreatic procarboxypeptidase B and carboxypeptidase B of the African lungfish. Reeck GR, et al. **Biochemistry** 11:3947-55, 10 Oct 72

Fidelity of translation of satellite tobacco necrosis virus ribonucleic acid in a cell-free Escherichia coli system. Rice R, et al. **Biochemistry** 12:181-7, 16 Jan 73

Preparation and characterization of guanidinated trypsinogen and -guanidinated trypsin. Robinson NC, et al. **Biochemistry** 12:414-20, 30 Jan 73

The relation of the -amino group of trypsin to enzyme function and zymogen activation. Robinson NC, et al. **Biochemistry** 12:420-6, 30 Jan 73

Haloacetol phosphates. Identification of the sulfhydryl group of rabbit muscle aldolase alkylated by chloroacetol phosphate. Salter DW, et al. **Biochemistry** 12:1-5, 2 Jan 73

Selective reduction of cystine 1-8 in alpha-lactalbumin. Schechter Y, et al. **Biochemistry** 12:3407-13, 28 Aug 73

Structure of 1 -acid glycoprotein. The complete amino acid sequence, multiple amino acid substitutions, and homology with the immunoglobulins. Schmid K, et al. **Biochemistry** 12:2711-24, 3 Jul 73

Thermodynamics and kinetics of the reactive site peptide-bond hydrolysis in bovine pancreatic secretory trypsin inhibitor (Kazal). Sealock RW, et al. **Biochemistry** 12:3139-46, 14 Aug 73

Amino acid sequence of rabbit pneumococcal antibody. I. Light-chain cysteine-containing peptides. Strosberg AD, et al. **Biochemistry** 11:4978-85, 19 Dec 72

Bovine factor X 1a (activated Stuart factor). Evidence of homology with mammalian serine proteases. Titani K, et al. **Biochemistry** 11:4899-903, 19 Dec 72

Mechanism of activation of bovine procarboxypeptidase A S 5 . Alterations in primary and quaternary structure. Uren JR, et al. **Biochemistry** 11:4483-92, 21 Nov 72

Cross-partition of proteins. Effect of ionic composition and concentration. Walter H, et al. **Biochemistry** 11:3880-3, 10 Oct 72

Amino acid sequences at constant and variable regions of heavy chains of monotypic immunoglubulins G and M of a single patient. Wang AC, et al. **Biochemistry** 12:528-34, 30 Jan 73

Structure of immunoglobulin A. II. Sequence around the hinge region and labile disulfide bonds of an immunoglobulin A2 myeloma protein. Wolfenstein-Todel C, et al. **Biochemistry** 11:3971-5, 10 Oct 72

Comparison of catalytic units of muscle and liver adenosine 3',5'-monophosphate dependent protein kinases. Yamamura H, et al. **Biochemistry** 12:856-62, 27 Feb 73

Selectivity in aqueous peptide synthesis by 1 -ethyl-3-(3- Dimethylaminopropyl) carbodiimide. A model for primordial processes. Addy ME, et al. **Biochim Biophys Acta** 295:385-95, 21 Feb 73

The modification of the tryptophan residues of bovine -lactalbumin with 2-hydroxy-5-nitrobenzyl bromide and with dimethyl(2-hydroxy-5-nitrobenzyl)sulphonium bromide. II. Effect on the specifier protein activity. Barman TE, et al. **Biochim Biophys Acta** 278:491-500, 31 Oct 72

Rapid preequilibrium determination of molecular weights in the ultracentrifuge. Baurain RM, et al. **Biochim Biophys Acta** 295:18-29, 25 Jan 73

Rat pancreatic ribonuclease. II. Amino acid sequence. Beintema JJ, et al. **Biochim Biophys Acta** 310:161-73, 17 May 73

Hemoglobin J Singapore: alpha 78 Asn--Asp; alpha 79 Ala--Gly. Blackwell RQ, et al. **Biochim Biophys Acta** 278:482-90, 31 Oct 72

Structure studies of bovine liver thiosulfate sulfurtransferase. II. S-carboxymethylation of the enzyme and sequence analysis of the tryptic cysteinyl peptides. Blumenthal KM, et al. **Biochim Biophys Acta** 278:530-45, 31 Oct 72

Platelet adhesiveness and aggregation. II. Surface sialic acid, glycoprotein: N-acetylneuraminic acid transferase, and neuraminidase of human blood platelets. Bosmann HB. **Biochim Biophys Acta** 279:456-74, 25 Oct 72

Interaction between proteases and bovine erythrocyte membranes. Burkholder DE, et al. **Biochim Biophys Acta** 282:135-45, 1 Sep 72

Purification of a human urinary glycoprotein with gastric antisecretory activity. Carrea G, et al. **Biochim Biophys Acta** 295:274-82, 25 Jan 73

Purification of cortico-cerebral factor(s) inhibiting the secretion of corticosterone. Casellato MM, et al. **Biochim Biophys Acta** 279:387-92, 15 Sep 72

Chloroplast DNA codes for the primary structure of the large subunit of fraction I protein. Chan PH, et al. **Biochim Biophys Acta** 277:677-80, 14 Sep 72

Amino acid sequence of a cyanogen bromide cleavage peptide from hens egg phosvitin. Clark RC. **Biochim Biophys Acta** 310:174-87, 17 May 73

Amino and carboxy terminal sequence of -crystallin, from haddock lens. Croft LR. **Biochim Biophys Acta** 295:174-7, 25 Jan 73

Phosphorus and proton nuclear magnetic resonance studies in sarcoplasmic reticulum membranes and lipids. A comparison of phosphate and proton group mobilities in membranes and lipid bilayers. Davis DG, et al. **Biochim Biophys Acta** 282:180-6, 1 Sep 72

The involvement of an arginine residue of trypsin in its interaction with the Kunitz soybean trypsin inhibitor. Delarco JE, et al. **Biochim Biophys Acta** 303:274-83, 20 Apr 73

Histone hydrolase activity of rat liver lysosomal cathepsin B2. De Lumen BO, et al. **Biochim Biophys Acta** 293:217-25, 12 Jan 73

Two variants of hemoglobin D in the algerian population: hemoglobin D Ouled Rabah 19 (BI) Asn leads to Lys and hemoglobin D Iran 22 (Br) Glu leads to Gln. Elion J, et al. **Biochim Biophys Acta** 310:360-4, 15 Jun 73

Control of human hemoglobin synthesis: translation of globin chains in heterozygotes with hemoglobin Riverdale-Bronx. Farace MG, et al. **Biochim Biophys Acta** 312:591-7, 13 Jul 73

Common peptides in Micrococcus lysodeikticus membrane proteins. Fukui Y, et al. **Biochim Biophys Acta** 288:65-72, 23 Oct 72

Bovine intestinal calcium-binding proteins. Purification and some properties. Fullmer CS, et al. **Biochim Biophys Acta** 317:172-86, 12 Jul 73

2 -acute phase globulin in rat serum. Purification, determination and interaction with trypsin. Ganrot K. **Biochim Biophys Acta** 295:245-51, 25 Jan 73

The trypsin-catalyzed hydrolysis of monomolecular films of lysylphosphatidylglycerol. Gould RM, et al. **Biochim Biophys Acta** 288:1-11, 23 Oct 72

Specific interaction of central nervous system myelin basic protein with lipids. Effects of basic protein on glucose leakage from liposomes. Gould RM, et al. **Biochim Biophys Acta** 290:200-18, 1 Dec 72

Subunits of toxin and agglutinin of Ricinus communis. Gürtler LG, et al. **Biochim Biophys Acta** 295:582-94, 21 Feb 73

Hyaluronidase digestion and alkaline treatment of bovine tracheal cartilage proteoglycans. Isolation and characterisation of different keratan sulfate proteins. Heinegård D. **Biochim Biophys Acta** 285:193-207, 28 Nov 72

Structural studies of bovine liver thiosulfate sulfurtransferase. 3. Isolation and sequence analysis of the tryptic peptides containing tryptophan. Heinrikson RL, et al. **Biochim Biophys Acta** 278:546-55, 31 Oct 72

The myoglobin of primates. 3. Cercopithecidae (Old

World monkeys): Papio anubis (olive baboon) and Macaca fascicularis (=irus, crab-eating monkey). Herrera AE, et al.
Biochim Biophys Acta 278:465-81, 31 Oct 72

The myoglobin of primates. 4. New World monkeys: Cebidae: (1) Saimiri sciureus (squirrel monkey); (2) Lagothrix lagothricha (Humboldt's woolly monkey). Callitrichidae: Callithrix jacchus (common marmoset). Herrera AE, et al.
Biochim Biophys Acta 317:65-84, 12 Jul 73

Membrane coarctation by calcium as a regulator for bound enzymes. Horvath C, et al.
Biochim Biophys Acta 298:850-60, 16 Apr 73

Membrane proteins of Rhodopseudomonas spheroides. IV. Characterization of chromatophore proteins. Huang JW, et al.
Biochim Biophys Acta 307:317-31, 11 May 73

Membrane proteins of Rhodopseudomonas spheroides. V. Additional chemical characterization of a pigment-lipid-associated protein isolated from chromatophores. Huang JW, et al.
Biochim Biophys Acta 307:332-42, 11 May 73

Membrane proteins of Rhodopseudomonas spheroides. 3. Isolation, purification, and characterization of cell envelope proteins. Huang JW, et al.
Biochim Biophys Acta 307:301-16, 11 May 73

An anionic trypsin-like enzyme from Streptomyces erythreus: characterization. Inoue H, et al.
Biochim Biophys Acta 284:451-60, 12 Oct 72

Partial purification of ribosomal RNA(m1G)- and rRNA(m2G)-methylases from Escherichia coli and demonstration of some proteins affecting their apparent activity. Isaksson LA.
Biochim Biophys Acta 312:122-33, 8 Jun 73

A study of the cystine-containing apolipoprotein of human plasma high density lipoproteins: characterization of cyanogen bromide and tryptic fragments. Jackson RL, et al.
Biochim Biophys Acta 285:36-47, 28 Nov 72

The interaction of a naphthalene dye with 2 -macroglobulin, free or bound to trypsin. Jacquot-Armand Y, et al.
Biochim Biophys Acta 303:128-37, 23 Mar 73

The application of immobilized enzymes in flow microcalorimetry. Johansson A, et al.
Biochim Biophys Acta 304:217-21, 30 Mar 73

Snake venom toxins the amino acid sequences of two toxins from Ophiophagus hannah (King cobra) venom. Joubert FJ. Biochim Biophys Acta 317:85-98, 12 Jul 73

On subunit II of bovine procarboxypeptidase A. Enzymatic specificity after tryptic activation. Keil-Dlouha V, et al.
Biochim Biophys Acta 276:531-5, 28 Aug 72

Isoelectric focusing studies of A2-1957 influenza neuraminidase and its subunits. Kendal AP, et al.
Biochim Biophys Acta 317:28-33, 12 Jul 73

Haemoglobin J Nyanza: 21 (B2) Ala-Asp. Kendall AG, et al. Biochim Biophys Acta 310:357-9, 15 Jun 73

Proteolytic digestion of proteins of the milk fat globule membrane. Kobylka D, et al.
Biochim Biophys Acta 307:133-40, 25 Apr 73

Sequence of 36 amino acid residues between the 1st and 2nd methionine of human plasma albumin. Kušnír J, et al. Biochim Biophys Acta 310:124-9, 17 May 73

Studies on a human blood platelet protease with elastolytic activity. Legrand Y, et al.
Biochim Biophys Acta 309:406-13, 6 Jun 73

The trifluoroacetylation of insulin. Levy D, et al.
Biochim Biophys Acta 310:398-405, 15 Jun 73

Conversion of exposed aspartyl and glutamyl residues in proteins to asparaginyl and glutaminyl residues. Lewis SD, et al.
Biochim Biophys Acta 303:284-91, 20 Apr 73

Resistance of ribonuclease dimers to subtilisin. Libonati M, et al.
Biochim Biophys Acta 317:160-3, 12 Jul 73

Acyl azide derivatives in affinity chromatography. Immobilization of enzymatically active trypsin on beaded agarose and porous glass. Loeffler LJ, et al.
Biochim Biophys Acta 317:20-7, 12 Jul 73

The protection of A1 myelin basic protein against the action of proteolytic enzymes after interaction of the protein with lipids at the air-water interface. London Y, et al. Biochim Biophys Acta 311:520-30, 18 Jul 73

Specific interaction of central nervous system myelin basic protein with lipids. Specific regions of the protein sequence protected from the proteolytic action of trypsin. London Y, et al.
Biochim Biophys Acta 307:478-90, 25 May 73

Evidence for a peptidic factor in spermatozoa inhibiting the ovarian maturation. Lugaro G, et al.
Biochim Biophys Acta 304:719-24, 28 May 73

The binding of exogenously added neuraminidase to cells and tissues in culture. McQuiddy P, et al.
Biochim Biophys Acta 291:774-9, 16 Feb 73

Phosphoprotein kinases from rat liver cytosol. Matsumura S, et al.
Biochim Biophys Acta 289:237-41, 10 Nov 72

Characteristics and isolation of the phagocytosis-stimulating peptide, tuftsin. Nishioka K, et al. Biochim Biophys Acta 310:217-29, 17 May 73

Cysteines in yeast enolase. O SK, et al.
Biochim Biophys Acta 310:421-9, 15 Jun 73

Studies on flagellar ATPase from sea urchin spermatozoa. II. Effect of trypsin digestion on the enzyme. Ogawa K.
Biochim Biophys Acta 293:514-25, 15 Feb 73

Purification of C 1S , a subunit of the first component of complement from human plasma. Okamura K, et al.
Biochim Biophys Acta 295:252-7, 25 Jan 73

Sequence of amino acids in the chain of single hemoglobins from C57BL, SWR, and NB mice. Popp RA. Biochim Biophys Acta 303:52-60, 23 Mar 73

On subunit II of bovine procarboxypeptidase A. Properties after alkaline dissociation. Puigserver A, et al. Biochim Biophys Acta 276:519-30, 28 Aug 72

On the physiological role of 2 -macroglobulin. Rinderknecht H, et al.
Biochim Biophys Acta 295:233-44, 25 Jan 73

Cartilage collagen: inability to serve as a substrate for collagenases active against skin and bone collagen. Robertson PB, et al.
Biochim Biophys Acta 289:247-50, 10 Nov 72

The myoglobin of primates. II. Pan Troglodytes (chimpanzee). Romero Herrera AE, et al.
Biochim Biophys Acta 278:62-7, 31 Aug 72

Reaction of ovine interstitial cell stimulating hormone with tetranitromiethane. Sairam MR, et al.
Biochim Biophys Acta 278:421-32, 31 Oct 72

Structural studies of alanine- and lysine-rich regions of porcine aortic tropoelastin. Sandberg LB, et al.
Biochim Biophys Acta 285:453-8, 28 Dec 72

Evidence for the biological coupling of biosynthesis and internal acetylation of histone fraction F2a1 (IV) in cultured mammalian cells. Shepherd GR.
Biochim Biophys Acta 299:485-91, 28 Mar 73

-actinin from red and white porcine muscle. Suzuki A, et al. Biochim Biophys Acta 295:188-207, 25 Jan 73

A kinetic study on the effect of coupling distance between insoluble trypsin and its carrier matrix. Taylor JB, et al.
Biochim Biophys Acta 284:268-77, 19 Sep 72

Two new hemoglobin variants with deletion. Hemoglobin tours: Thr 8 7 (F 3) deleted and hemoglobin St Antoine: Gly-Leu 74-75 (E 18-19 deleted. Consequences for oxygen affinity and protein stability. Wajcman H, et al.
Biochim Biophys Acta 295:495-504, 21 Feb 73

The estimation of polypeptide chain molecular weight by thin-layer gel filtration in urea and sodium dodecyl sulphate solution. Wasyl Z, et al.
Biochim Biophys Acta 285:279-86, 28 Dec 72

Histochemical and ultracytochemical studies of the spermatids and sperm of Ascaris lumbricoides var. suum. Clark WH Jr, et al. Biol Reprod 7:145-59, Oct 72

The excess radioactivity of trypsin mixtures. Frohlich A, et al. Biophys J 13:601-2, Jul 73

Immunologic and enzymatic reactions carried out at a liquid-solid interface. Rothen A.
Biophys J 13:402-4, Apr 73

Control of proliferation in two cell lines in vitro. Chan PC, et al. Biophysik 9:70-84, 1972

Protein labeling by acetylation. Miller IR, et al. Biopolymers 11:2533-6, 1972

Synthesis and conformation of poly(L-lysyl-L-alanyl-L-alanyl), a sequence-ordered water-soluble copolymer. Yaron A, et al.
Biopolymers 11:2461-81, 1972

Equilibrium studies in a Sepharose CVB ovomucoid-trypsin system. Burkhead RJ, et al.
Biotechnol Bioeng 15:811-5, Jul 73

The "rotary column" method for growth of large-scale quantities of cell monolayers. Santero GG.
Biotechnol Bioeng 14:753-75, Sep 72

Hydrolysis of a chymotrypsin substrate and of naphthol AS-D chloroacetate by human leukocyte granules. Rindler R, et al. Blut 26:239-49, Apr 73

The fate of cutaneously and subcutaneously implanted trypsin purified dermal collagen in the pig. Oliver RF, et al. Br J Exp Pathol 53:540-9, Oct 72

Further studies on the nature of the components in serum which inhibit mouse bone collagenase. Sakamoto S, et al. **Calcif Tissue Res** 10:280-8, 1972

The amino acid sequence of the N-terminal region of aldolase. Anderson PJ, et al. **Can J Biochem** 51:514-9, May 73

Motilin, a gastric motor activity stimulating polypeptide: the complete amino acid sequence. Brown JC, et al. **Can J Biochem** 51:533-7, May 73

The effects of protein on lipid organization in a model membrane system: a spin probe and x-ray study. Butler KW, et al. **Can J Biochem** 51:980-9, Jul 73

Kinetics of the reaction of nitrous acid with model compounds and proteins, and the conformational state of N-terminal groups in the chymotrypsin family. Kurosky A, et al. **Can J Biochem** 50:1282-96, Dec 72

The amino acid sequence of cytochrome c-553 from the Chrysophycean alga Monochrysis lutheri. Laycock MV. **Can J Biochem** 50:1311-25, Dec 72

Beta-glucuronidase isoenzymes of rat-liver lysosomes. Potier M, et al. **Can J Biochem** 51:973-9, Jul 73

Extractability of histones from formalin-treated nuclei of L-cells. Yoo BY, et al. **Can J Biochem** 51:106-11, Jan 73

Constitutive heterochromatin in mouse chromosomes treated with typsin. Ray M, et al. **Can J Genet Cytol** 15:1-7, Mar 73

The effect of osmotic shocking upon Bacillus subtilis transformation. Pierson DL, et al. **Can J Microbiol** 18:1405-15, Sep 72

Rapid extraction and physical detection of polyoma virus. Thorne HV, et al. **Can J Microbiol** 19:291-3, Feb 73

Ultramorphological and ultracytochemical studies on tubuloreticular structures in lymphoid cells. Schaff Z, et al. **Cancer Res** 32:2696-706, Dec 72

The band patterns of twelve D 98-AH-2 marker chromosomes and their use for identification of intraspecific cell hybrids. Francke U, et al. **Chromosoma** 41:111-21, 1973

An improved banding technique exemplified in the karyotype analysis of two strains of rat. Gallimore PH, et al. **Chromosoma** 41:259-63, 1973

A system of nomenclature for band patterns of mouse chromosomes. Nesbitt MN, et al. **Chromosoma** 41:145-58, 1973

High resolution studies on the pattern of induced exchanges in the human karyotype. Seabright M. **Chromosoma** 40:333-46, 1973

Metaphase distribution of the mouse chromosomes. Spence-Campbell MA, et al. **Chromosoma** 39:289-95, 1972

Chromosomal banding pattern and idiogram of the cotton rat, Sigmodon arizonae (Rodentia, Muridae). Zimmerman EG, et al. **Chromosoma** 41:85-91, 1973

Free calcium in serum. I. Determination with the ion-specific electrode, and factors affecting the results. Ladenson JH, et al. **Clin Chem** 19:565-74, Jun 73

Measurement of serum ionized calcium with the ion-exchange electrode. Subryan VL, et al. **Clin Chem** 18:1459-62, Dec 72

Hb-Genova (2 2 28(B10)Leu leads to Pro); methods for detection and analysis of unstable hemoglobins. Wrightstone RN, et al. **Clin Chim Acta** 44:217-27, 14 Mar 73

Chemotaxis of human basophil leucocytes. Kay AB, et al. **Clin Exp Immunol** 11:557-63, Aug 72

IgG antigens of the C gamma 2 and C gamma 3 homology regions interacting with rheumatoid factors. Natvig JB, et al. **Clin Exp Immunol** 12:177-84, Oct 72

Autoimmunity in aged mice. Occurrence of autoagglutinating factors in the blood of aged mice with medium and long life-spans. Peterson WJ, et al. **Clin Exp Immunol** 12:273-90, Oct 72

Rates of absorption of amino acids from an amino acid mixture simulating casein and a tryptic hydrolysate of casein in man. Silk DB, et al. **Clin Sci** 45:4P, Jul 73

Some aspects of the structure of staphylococcal nuclease. I. Crystallographic studies. Cotton FA, et al. **Cold Spring Harbor Symp Quant Biol** 36:243-9, 1971 (37 ref.)

Structural studies on the adenovirus hexon. Franklin RM, et al. **Cold Spring Harbor Symp Quant Biol** 36:503-10, 1971

The structure of a calcium-binding protein from carp muscle. Kretsinger RH, et al. **Cold Spring Harbor Symp Quant Biol** 36:217-20, 1971

Pancreatic trypsin inhibitor (Kunitz). II. Complexes with proteinases. Rühlmann A, et al. **Cold Spring Harbor Symp Quant Biol** 36:148-50, 1971

Partifation and comparative biochemistry of a protease from the starfish Pisastes giganteus. Bundy HF, et al. **Comp Biochem Physiol [B]** 44:241-51, 15 Jan 73

Properties of the Antheraea mylitta cocoonase. Felsted RL, et al. **Comp Biochem Physiol [B]** 44:595-609, 15 Feb 73

Partial purification and some enzymatic properties of proteolytic enzyme fractions isolated from Pisaster ochraceus (echinoderm) pyloric caeca. Peng RK, et al. **Comp Biochem Physiol [B]** 44:1207-17, 15 Apr 73

Low molecular weight proteins of pike (esox lucius) white muscles. II. Chemical and physical properties. Rao KS, et al. **Comp Biochem Physiol [B]** 44:1113-25, 15 Apr 73

Structure of the Felidae hemoglobins and response to 2,3-diphosphoglycerate. Taketa F. **Comp Biochem Physiol [B]** 45:813-23, 15 Aug 73

Comparative studies on the hemoglobins of representative salamanders of the families Cryptobranchidae, Proteidae and Hynobiidae. Taketa F, et al. **Comp Biochem Physiol [B]** 45:549-56, 15 Jul 73

Diversity of proteases in the keratinolytic larvae of the webbing clothes moth, Tineola bisselliella. Ward CW. **Comp Biochem Physiol [B]** 42:131-5, 15 May 72

Properties of proinsulin and related polypeptides. Kitabchi AE, et al. **CRC Crit Rev Biochem** 1:59-94, Feb 72 (154 ref.)

A comparison of chimpanzee and human chromosomes using the Giemsa-11 and other chromosome banding techniques. Bobrow M, et al. **Cytogenet Cell Genet** 12:107-16, 1973

Structural basis of banding pattern of human chromosomes. Cervenka J, et al. **Cytogenet Cell Genet** 12:81-6, 1973

The C-band and G-band patterns of Microtus agrestis chromosomes. Cooper JE, et al. **Cytogenetics** 11:295-304, 1972

Rapid processing of primary embryonic tissues for chromosome banding pattern analysis. Klinger HP. **Cytogenetics** 11:424-35, 1972

Identification of Syrian hamster chromosomes by acetic-saline-Giemsa (ASG) and trypsin techniques. Popescu NC, et al. **Cytogenetics** 11:500-7, 1972

Mouse chromosomes identified by trypsin-Giemsa (T-G) banding. Wurster DH. **Cytogenetics** 11:379-87, 1972

Scanning electron microscopy of myogenesis in monolayer culture: a preliminary study. Shimada Y. **Dev Biol** 29:227-33, Oct 72

Some effects of trypsin dissociation on the inhibition of reaggregation among embryonic chicken neural retina cells by cycloheximide. Weiss L, et al. **Dev Biol** 29:482-5, Dec 72

Intranuclear receptor for androgens in rat epididymis. Blaquier JA, et al. **Endocrinology** 93:51-60, Jul 73

Bovine proparathyroid hormone: structural analysis of radioactive peptides formed by limited cleavage. Habener JF, et al. **Endocrinology** 92:219-26, Jan 73

Study of rat anterior pituitary cells separated by velocity sedimentation at unit gravity. Lloyd RV, et al. **Endocrinology** 92:1639-51, Jun 73

Melanotropic-lipolytic peptides in various regions of bovine, simian and human brains and in simian and human cerebrospinal fluids. Rudman D, et al. **Endocrinology** 92:372-9, Feb 73

Purification of -glucuronidase and its inhibitors from pregnancy urine. Sakamoto W, et al. **Enzyme** 13:211-23, 1972

Zymogen-enzyme transformations. On the mechanism of activation of prophospholipase A. Abita JP, et al. **Eur J Biochem** 30:37-47, 17 Oct 72

Amino-acid sequence of a peptide from human-serum albumin. Babin DR, et al. **Eur J Biochem** 34:409-14, 2 May 73

Molecular models on the insertion of a Salmonella minnesota R-form glycolipid into the cell membrane of normal and transformed cells. Bara J, et al. **Eur J Biochem** 35:495-8, 15 Jun 73

Carboxyterminal antigenic determinants of collagen from calf skin. Localization within discrete regions of the nonhelical sequence. Becker U, et al. **Eur J Biochem** 28:221-31, 13 Jul 72

The thiol groups of human hemoglobin carrying heme only on the -chains. Birchmeier W, et al. **Eur J Biochem** 28:533-7, 4 Aug 72

The mechanism of action of methionyl-tRNA synthetase from Escherichia coli. 1. Fluorescence studies on tRNAMet binding as a function of ligands,

ions and pH. Blanquet S, et al.
Eur J Biochem 36:213-26, 2 Jul 73

Conservative amino-acid replacement in the tyrosine region of the lysine-rich histones. Bustin M.
Eur J Biochem 29:263-7, 18 Sep 72

Characterization and partial purification of antigenic components solubilized by a reversible chemical modification from rat-thymocyte membrane. Bustin M, et al. **Eur J Biochem 31:541-53, 18 Dec 72**

The primary structure of the major parvalbumin from hake muscle. Tryptic peptides derived from the S-sulfo and the performic-acid-oxidized proteins. Capony JP, et al. **Eur J Biochem 32:88-96, 3 Jan 73**

The primary structure of the major parvalbumin from hake muscle. Overlapping peptides obtained with chemical and enzymatic methods. The complete amino-acid sequence. Capony JP, et al.
Eur J Biochem 32:97-108, 3 Jan 73

The modification of deoxyribonucleohistone by trypsin and chymotrypsin. Chatterjee S, et al.
Eur J Biochem 34:519-26, 2 May 73

Subunits of the small-intestinal sucrase-isomaltase complex and separation of its enzymatically active isomaltase moiety. Cogoli A, et al.
Eur J Biochem 33:40-8, 15 Feb 73

The subunit structure of rabbit-skeletal-muscle phosphorylase kinase, and the molecular basis of its activation reactions. Cohen P.
Eur J Biochem 34:1-14, 2 Apr 73

Biosynthesis of cartilage procollagen. Dehm P, et al.
Eur J Biochem 35:159-66, May 73

The primary structure of a protein, component 0.62, rich in glycine and aromatic residues, obtained from wool keratin. Dopheide TA.
Eur J Biochem 34:120-4, 2 Apr 73

The subunit structure of lactate dehydrogenase from Streptococcus cremoris US3. Dynon MK, et al.
Eur J Biochem 30:348-53, Oct 72

Purification and properties of an inhibitor of the tryptophan-synthase-inactivating enzymes in yeast. Ferguson AR, et al. **Eur J Biochem 32:444-50, 1 Feb 73**

The covalent structure of collagen. Amino-acid sequence of peptide 1-CB6-C2. Fietzek PP, et al.
Eur J Biochem 30:163-8, 17 Oct 72

The denaturation by urea and guanidinium chloride of trypsin and N-acetylated-trypsin derivatives bound to Sephadex and agarose. Gabel D.
Eur J Biochem 33:348-56, 1 Mar 73

A glycopeptide from the posterior lobe of pig pituitaries. 2. Primary structure. Holwerda DA.
Eur J Biochem 28:340-6, 24 Jul 72

Synthesis of rabbit globin by reticulocyte postribosomal supernatant and heterologous ribosomes. Jacobs-Lorena, et al.
Eur J Biochem 35:559-65, 15 Jun 73

Structural studies of alcohol dehydrogenase from rat liver. Jörnvall H, et al.
Eur J Biochem 29:167-74, 18 Aug 72

Studies on soybean trypsin inhibitors. 3. Amino-acid sequences of the carboxyl-terminal region and the complete amino-acid sequence of soybean trypsin inhibitor (Kunitz). Koide T, et al.
Eur J Biochem 32:417-31, 1 Feb 73

Studies on soybean trypsin inhibitors. 1. Fragmentation of soybean trypsin inhibitor (Kunitz) by limited proteolysis and by chemical cleavage. Koide T, et al.
Eur J Biochem 32:401-7, 1 Feb 73

Studies on soybean trypsin inhibitors. 2. Amino-acid sequence around the reactive site of soybean trypsin inhibitor (Kunitz). Koide T, et al.
Eur J Biochem 32:408-16, 1 Feb 73

Biosynthesis of melittin, a toxic peptide from bee venom. Amino-acid sequence of the precursor. Kreil G. **Eur J Biochem 33:558-66, 15 Mar 73**

The mechanism of action of methionyl-tRNA synthetase. 3. Ion requirements and kinetic parameters of the ATP-PPi exchange and methionine-transfer reactions catalyzed by the native and trypsin-modified enzymes. Lawrence F, et al.
Eur J Biochem 36:234-43, 2 Jul 73

A study of several bonds hypersensitive to proteases in a complex flavohemoenzyme, yeast cytochrome b 2 . Modification of their reactivity with ligand-induced conformational transitions. Naslin L, et al.
Eur J Biochem 34:268-83, Apr 73

Uniformity and species-specific features of the N-terminal amino-acid sequence of porcine immunoglobulin lambda-chains. Novotný J, et al.
Eur J Biochem 31:277-89, 4 Dec 72

Octopine dehydrogenase. Evidence for a single-chain structure. Olomucki A, et al.
Eur J Biochem 28:261-8, 13 Jul 72

The isolation and characterization of nerve-growth factor from the venom of Vipera russelli. Pearce FL, et al. **Eur J Biochem 29:417-25, 25 Sep 72**

The occurrence of repetitive glycopeptide sequences in bovine submaxillary glycoprotein. Pigman W, et al.
Eur J Biochem 32:148-54, 3 Jan 73

Determination of the primary structure of a mouse G2a immunoglobulin. Identification of the disulfide bridges. Préval C de, et al.
Eur J Biochem 30:452-62, 7 Nov 72

Transplantable immunoglobulin-secreting tumours in rats. Purification and chemical characterization of four kappa chains from LOU-Wsl rats. Querinjean P, et al. **Eur J Biochem 31:354-9, 4 Dec 72**

A comparative study of pig and sheep-brain glutamine synthetases: tryptic peptides and thiol groups. Rao DR, et al. **Eur J Biochem 35:582-92, 15 Jun 73**

The amino-acid sequence of neurotoxin II of Androctonus australis Hector. Rochat H, et al.
Eur J Biochem 28:381-8, 24 Jul 72

Primary structure of bovine growth hormone. Santomé JA, et al. **Eur J Biochem 37:164-70, 1 Aug 73**

Synthesis of lens protein in vitro. Role of methionyl-tRNAs in the synthesis of calf-lens -crystallin. Strous GJ, et al.
Eur J Biochem 30:48-52, 17 Oct 72

The parallel nature of the interchain disulphide bonds of immunoglobulins. Studies on a mouse IgG1 myeloma protein. Svasti J, et al.
Eur J Biochem 31:405-22, 18 Dec 72

The primary structure of an acidic protein from 50-S ribosomes of Escherichia coli which is involved in GTP hydrolysis dependent on elongation factors G and T. Terhorst C, et al.
Eur J Biochem 34:138-52, 2 Apr 73

The subunit structure of the Escherichia coli K12 pyruvate-dehydrogenase complex. Dihydrolipoamide-dehydrogenase component. Vogel O, et al. **Eur J Biochem 35:307-10, Jun 73**

Purification and characterisation of different active forms of pork trypsin. Walker JE, et al.
Eur J Biochem 32:486-91, 1 Feb 73

Isolation and characterization of thaumatin I and II, the sweet-tasting proteins from Thaumatococcus daniellii Benth. Wel H van der, et al.
Eur J Biochem 31:221-5, 4 Dec 72

The covalent structure of collagen. The amino-acid sequence of the 112-residues. Amino-terminal part of peptide 1-CB6 from calf-skin collagen. Wendt P, et al.
Eur J Biochem 30:169-83, 17 Oct 72

The effect of acid, pepsin and trypsin on human colostral IgA agglutinins. Parkin DM, et al.
Eur J Clin Invest 3:66-71, Jan 73

Cytochemical properties of nuclear chromatin as demonstrated by the colloidal iron binding technique. Auer G. **Exp Cell Res 75:237-44, Nov 72**

Isolation and culture of homogenous populations of primordial germ cells in chick. Fritts-Williams ML, et al. **Exp Cell Res 75:512-4, Dec 72**

Preparation of viable and morphologically intact cells from newborn rat brain. Hemminki K.
Exp Cell Res 75:379-84, Dec 72

Alteration of properties of cell contacts during progression of hepatomas. Modjanova EA, et al.
Exp Cell Res 76:305-14, Feb 73

Utilization of L-glutamine in intercellular adhesion: ascites tumor and embryonic cells. Oppenheimer SB.
Exp Cell Res 77:175-82, 15 Mar 73

Identification of cardiac myocytes in vivo and in vitro by the presence of glycogen and myofibrils. Polinger IS. **Exp Cell Res 76:243-52, Feb 73**

Biological efficacy of several commercially available peptones for mammalian cells in culture. Taylor WG, et al. **Exp Cell Res 74:275-9, Sep 72**

Effect of dibutyryl cyclic AMP on the restoration of contact inhibition in tumor cells and its relationship to cell density and the cell cycle. Teel RW, et al.
Exp Cell Res 76:390-4, Feb 73

Alterations of mouse embryo cells during in vitro aging. Tuffery AA, et al. **Exp Cell Res 76:186-90, Jan 73**

Epithelial cell surfaces and the basement membrane in the ocular lens, studied with the scanning electron microscope. Harding CV, et al.
Exp Eye Res 16:1-7, Jun 73

Natural shedding of carbohydrate-containing macromolecules from cell surfaces. Kapeller M, et al.
Exp Eye Res 79:152-8, Apr 73

Cellular composition of fractions of mouse testis cells

following velocity sedimentation separation. Meistrich ML, et al. **Exp Eye Res** 79:213-27, Apr 73

Enhancement of senescence in low passage human embryonic lung cells by an agent extracted from phase 3 cells. Milo GE Jr. **Exp Eye Res** 79:143-51, Apr 73

Some changes in the lens of the dimethylsulphoxide-fed rabbit. Van Heyningen R, et al. **Exp Eye Res** 14:91-8, Sep 72

The primary tissue culture of rat adult decapsulated adrenal glands: problems of methodology and applications. Armato U, et al. **Experientia** 29:106-7, 1 May 73

On the stability of N-ethylmaleimide alkylated sulfhydrylgroups. Frese R, et al. **Experientia** 28:1013-5, 15 Sep 72

Syncatalytic modification of cytoplasmic aspartate aminotransferase: identification of a peptide containing the modified cysteinyl residue. Birchmeier W, et al. **FEBS Lett** 26:113-6, 1 Oct 72

The amino acid sequence around the reactive cysteinyl residue of bovine kidney rhodanese. Bossa F, et al. **FEBS Lett** 29:170-2, 15 Jan 73

An amino acid sequence in the active site of lipoamide dehydrogenase from the 2-oxoglutarate dehydrogenase complex of E. coli (Crookes strain). Brown JP, et al. **FEBS Lett** 26:221-4, 1 Oct 72

Chromophore-containing peptide sequences in C-phycocyanin from Mastigocladus laminosus. Byfield PG, et al. **FEBS Lett** 28:36-40, 15 Nov 72

Human luteinizing hormone. The amino acid sequence of the subunit. Closset J, et al. **FEBS Lett** 29:97-100, 15 Jan 73

The partial amino acid sequence of dog myoglobin. Dumur V, et al. **FEBS Lett** 26:241-4, 1 Oct 72

Porcine luteinizing hormone. The amino acid sequence of the subunit. Maghuin-Rogister G, et al. **FEBS Lett** 23:225-9, 15 Jun 72

Comparison of chorionic gonadotropin and luteinizing hormone: a note on a proposed significant structural difference in the beta subunit. Morgan FJ, et al. **FEBS Lett** 31:101-3, 1 Apr 73

Human placental 17 -oestradiol dehydrogenase. Sequence of a tryptic peptide containing an essential cysteine. Nicolas JC, et al. **FEBS Lett** 29:173-6, 15 Jan 73

Bovine -crystallin: sequence of the C-terminal cyanogen bromide fragment of the A chain. Ouderaa F van der, et al. **FEBS Lett** 28:77-80, 15 Nov 72

The position of an essential tyrosine residue in the polypeptide chain of aspartate transaminase. Polyanovsky OL, et al. **FEBS Lett** 23:262-4, 15 Jun 72

Studies on sucrose synthetase. I. Effect of trypsin on the cleavage activity. Pontis HG, et al. **FEBS Lett** 28:86-8, 15 Nov 72

Immunological studies on globular and elongated forms of electric eel acetylcholinesterase. Effects of hydrolytic enzymes. Rieger F, et al. **FEBS Lett** 32:62-8, 15 May 73

Identification of a precursor for one of the Semliki forest virus membrane proteins. Simons K, et al. **FEBS Lett** 29:87-91, 15 Jan 73

Non-helical regions in rat collagen 1-chain. Stolz M, et al. **FEBS Lett** 26:61-5, 1 Oct 72

Separation of peptides according to charge by gel filtration in the presence of ionized detergents. Strid L. **FEBS Lett** 33:192-6, 1 Jul 73

Polyacrylamide-protein immunoadsorbents prepared with glutaraldehyde. Ternynck T, et al. **FEBS Lett** 23:24-8, 1 Jun 72

Hb Setif: G1 (94) Asp-Tyr. A new chain hemoglobin variant with substitution of the residue involved in hydrogen bond between unlike subunits. Wajcman H, et al. **FEBS Lett** 27:298-300, 1 Nov 72

The covalent structure of collagen: the tryptic, thermolytic and chymotryptic peptides of 1-CB3 from calf skin collagen. Wendt P, et al. **FEBS Lett** 26:69-73, 1 Oct 72

Modification of chymotrypsinogen with 1-aminoglucose. Wriston JC Jr. **FEBS Lett** 33:93-6, 15 Jun 73

Reaction of rabbit muscle apo-glyceraldehyde-3-P-dehydrogenase with pyridoxal-5'-phosphate. Zapponi MC, et al. **FEBS Lett** 31:287-91, 1 May 73

Diphtheria toxin, protein synthesis, and the cell. Gill DM, et al. **Fed Proc** 32:1508-15, Apr 73 (28 ref.)

Molecular features of the major glycoprotein of the human erythrocyte membrane. Marchesi VT, et al. **Fed Proc** 32:1833-7, Aug 73

Proteins with insulinlike activity isolated from oyster (Ostrea edulis L.) hepatopancreas. De Martínez NR, et al. **Gen Comp Endocrinol** 20:305-11, Apr 73

Comparison of white pigment concentrating hormone from Crangon and Pandalus. Skorkowski EF, et al. **Gen Comp Endocrinol** 20:595-7, Jun 73

Gel filtration studies on immunoreactive gastrin in serum from Zollinger-Ellison patients. Rehfeld JF, et al. **Gut** 14:369-73, May 73

Studies on the primary structure of cow kappa-casein. Structural features of para-kappa-casein; N-terminal sequence of kappa-caseinoglycopeptide studied with a sequencer. Jollès J, et al. **Helv Chim Acta** 55:2872-83, 1972

Studies on the protease spectrum isolated from the digestive tract of Limulus polyphemus L. (horseshoe crab) including an immunological comparison to related invertebrates. Kraft V, et al. **Hoppe Seylers Z Physiol Chem** 353:1540-1, Oct 72

Fetal calf pancreas: its suitability for studies of (pro) insulin biosynthesis. Track NS, et al. **Horm Metab Res** 4:421-6, Nov 72

Identification and location of the Y-body in interphase by quinacrine and Giemsa. Kim MA, et al. **Humangenetik** 16:261-5, 1972

Monosomy 21 in spontaneous abortus. Ohama K, et al. **Humangenetik** 16:267-70, 1972

Identification of two Robertsonian translocations with a Giemsa banding technique. Scheres JM. **Humangenetik** 15:253-6, 1972

Enzymic and immunochemical properties of lysozyme. VI. Conformation, enzymic activity and immunochemistry of derivatives modified at arginine residues. Atassi MZ, et al. **Immunochemistry** 9:907-20, Sep 72

Antigenic determinants in the N-terminal part of bovine encephalitogenic protein studied with the macrophage migration inhibition assay in guinea pigs. Evidence for an immunological reactivity of peptide 1-43 when tested on cells from animals injected with Freunds's complete adjuvant. Bergstrand H, et al. **Immunochemistry** 10:229-38, Apr 73

The immunoglobulins derived from a VH-CH recombinant rabbit and its normal relatives. II. Chemical studies of allotype related differences in Fd and Fc fragments. Carta-Sorcino M, et al. **Immunochemistry** 10:449-53, Jul 73

Hinge-region deletion localized in the IgG-globulin Mcg. Fett JW, et al. **Immunochemistry** 10:115-8, Feb 73

Amino acid sequences in the Fd of a rabbit antibody heavy chain. Fleischman JB. **Immunochemistry** 10:401-7, Jun 73

Homologous peptides from the Fc region of rabbit IgG. Florent G, et al. **Immunochemistry** 10:425-30, Jul 73

Studies on human secretory IgA. II. Comparative studies on a fragment of secretory component derived from secretory IgA and fragments obtained by enzymatic digestion of free secretory component. Kobayashi K, et al. **Immunochemistry** 10:73-80, Feb 73

Studies of the carboxy terminal antigenic region of oxidized ribonuclease. Liu S, et al. **Immunochemistry** 9:1103-14, Nov 72

Carboxyl terminal amino acid sequence of guinea pig 1 G. Melamed MD. **Immunochemistry** 9:1233-8, Dec 72

Chemical differences between two allotypic variants of light chains of rat immunoglobulins. Peptide mapping and cyanogen bromide cleavage. Vengerova TI, et al. **Immunochemistry** 9:1239-45, Dec 72

Effects of human serum inhibitors on immunologic properties of B. subtilis alkaline proteinase. Wicher V, et al. **Immunochemistry** 10:239-44, Apr 73

Studies on human secretory immunoglobulin A. V. Trypsin hydrolysis at elevated temperatures. Zikan J, et al. **Immunochemistry** 9:1185-93, Dec 72

Conformation dependence of antigenic determinants on the collagen molecule. Beil W, et al. **Immunology** 24:13-24, Jan 73

Role of macrophages in tumour immunity. II. Involvement of a macrophage cytophilic factor during syngeneic tumour growth inhibition. Evans R, et al. **Immunology** 23:627-36, Oct 72

Incorporation of (3 H)glucosamine to the surface component of testicular cultures and the differential response of steroidogenic and fibroblastic cells in vitro to cytochalasin B. Lee HH, et al. **In Vitro** 8:368-74, Mar-Apr 73

Adaptation of an insect cell line (Agallia constricta) in a mammalian cell culture medium. McIntosh AH, et al. **In Vitro** 8:375-8, Mar-Apr 73

Classification of cell types: agglutination and

chromosomal properties. Sivak A, et al. **In Vitro** 8:1-6, Jul-Aug 72

Demonstration of a heterophile antigen on clone 929-L cells and their variant, Le cells, by an indirect fluorescent antibody technique. Wilson DR, et al. **In Vitro** 8:68-76, Sep-Oct 72

Biosynthesis of cerebroside sulphate in brain. I. Studies on the nature of the endogenous sulphate acceptor from sheep brain. Bhandari VR, et al. **Indian J Biochem Biophys** 9:72-7, Mar 72

Goat trypsin: purification, properties and amino acid composition. Das SK, et al. **Indian J Biochem Biophys** 9:287-92, Dec 72

DNP derivatives of lysozyme obtained by pH 7.2--effect of modification on physico-chemical properties of the enzyme. Rao DN, et al. **Indian J Biochem Biophys** 9:43-8, Mar 72

Effect of trichloroacetate ion on the proteolytic activity of chymotrypsin, trypsin & pepsin. Sagar AJ, et al. **Indian J Biochem Biophys** 9:52-4, Mar 72

Studies on tissue acid mucopolysaccharides: rat intestines. Srinivas H, et al. **Indian J Biochem Biophys** 9:78-82, Mar 72

Some studies on the nature of acid mucopolysaccharides of rat & pig brain. Srinivas H, et al. **Indian J Biochem Biophys** 9:83-8, Mar 72

Electron histochemistry of cell surface sialic acid in human fibrosarcoma & fibroblast cells in vitro. Palekar MS, et al. **Indian J Exp Biol** 10:333-6, Sep 72

Proinsulin. Doshi HV, et al. **Indian J Med Sci** 26:558-63, Sep 72 (32 ref.)

Specific macrophage immunity to vaccinia virus: macrophage-virus interaction. Avila FR, et al. **Infect Immun** 6:9-16, Jul 72

Effect of human adenoviruses on the response of chickens to sheep erythrocytes. Béládi I, et al. **Infect Immun** 7:22-8, Jan 73

Murine typhus toxin: studies on identification of the neutralizing factor present in normal human serum. Bell EJ, et al. **Infect Immun** 6:232-9, Sep 72

Immunochemistry of the capsular polysaccharides from Clostridium perfringens: selected Hobbs strains 1, 5, 9, and 10. Cherniak R, et al. **Infect Immun** 6:32-7, Jul 72

Cell wall composition of two strains of Blastomyces dermatitidis exhibiting differences in virulence for mice. Cox RA, et al. **Infect Immun** 5:449-53, Apr 72

Role of a protease in natural activation of Clostridium botulinum neurotoxin. Das Gupta BR, et al. **Infect Immun** 6:587-90, Oct 72

Toxic membrane fractions from Mycoplasma fermentans. Gabridge MG, et al. **Infect Immun** 4:678-82, Dec 71

Cross-protective antigens of Neisseria meningitidis obtained from Slaterus group Y. Jennings HJ, et al. **Infect Immun** 5:547-51, Apr 72

Ribosomal vaccines. I. Immunogenicity of ribosomal fractions isolated from Salmonella typhimurium and Yersinia pestis. Johnson W. **Infect Immun** 5:947-52, Jun 72

Role of pili in the virulence of Neisseria gonorrhoeae. Punsalang AP Jr, et al. **Infect Immun** 8:255-63, Aug 73

Immunoglobulin determinants on the surface of chicken lymphoid cells. Albini B, et al. **Int Arch Allergy Appl Immunol** 44:804-22, 1973

The immunoreaction of auto- and heteroantisera with modified human thyroglobulin. Salabè GB, et al. **Int Arch Allergy Appl Immunol** 44:181-96, 1973

Experimental evolution of cell populations of Chinese hamster treated with colchicine. Induction of high degree of ploidy and a phase-specific lethal effect. Palitti F, et al. **Int J Cancer** 9:510-23, 15 May 72

Adrenocorticotropin. 43. The synthesis and steroidogenic activity of (2-N-methylphenylalanine)-adrenocorticotropin-(1-19). Blake J, et al. **Int J Pept Protein Res** 4:343-5, 1972

Amino acid compositions and N-terminal amino acid of all the tryptic peptides from the and polypeptide chains of adult hemoglobin of the Japanese monkey (Macaca fuscata fuscata). Biochemical studies on hemoglobins and myoglobins. IX. Matsuda G, et al. **Int J Pept Protein Res** 4:327-37, 1972

Amino acid compositions of all the tryptic peptides from the and polypeptide chains of adult hemoglobin of the slow loris (Nycticebus coucang). Biochemical studies on hemoglobins and myoglobins. X. Matsuda G, et al. **Int J Pept Protein Res** 4:405-13, 1972

Sequence studies on the tryptic peptides and the chymotryptic peptides from the polypeptide chain of aII component of the chicken hemoglobin. Biochemical studies on hemoglobins and myoglobins. 8. Matsuda G, et al. **Int J Pept Protein Res** 4:291-302, 1972

Structural changes associated with extraction of group E spore antigen of Clostridium botulinum. Hawirko RZ, et al. **J Bacteriol** 112:1416-9, Dec 72

Specific removal of proteins from the envelope of Escherichia coli by protease treatments. Inouye M, et al. **J Bacteriol** 112:585-92, Oct 72

Bacteriocin production by transformable group H streptococci. Schlegel R, et al. **J Bacteriol** 112:824-9, Nov 72

Surface structure of intact cells and spheroplasts of pseudomonas aeruginosa. Weiss RL, et al. **J Bacteriol** 113:963-8, Feb 73

Membranes of Bacillus stearothermophilus: factors affecting protoplast stability and thermostability of alkaline phosphatase and reduced nicotinamide adenine dinucleotide oxidase. Wisdom C, et al. **J Bacteriol** 114:1336-45, Jun 73

Submolecular structure of subfragment-1 of the myosin molecule. Hayashi Y. **J Biochem (Tokyo)** 72:83-100, Jul 72

Studies on the primary structure of sulfate binding protein from Salmonella typhimurium. I. Tryptic digestion. Imagawa T, et al. **J Biochem (Tokyo)** 72:889-910, Oct 72

3-Acetoxy-1-acetyl-5-methylpyrazole, a novel acetylating reagent of protein. Irie M, et al. **J Biochem (Tokyo)** 72:65-72, Jul 72

Calf thymus lysine- and serine-rich histone. I. Tryptic peptides of succinylated and unmodified histone. Ishikawa K, et al. **J Biochem (Tokyo)** 72:299-326, Aug 72

Structure and polymorphism of light meromyosin aggregates. Katsura I, et al. **J Biochem (Tokyo)** 73:257-68, Feb 73

Substrate activation of trypsin and acetyltrypsin caused by -N-benzoyl-L-arginine p-nitroanilide. Nakata H, et al. **J Biochem (Tokyo)** 72:281-90, Aug 72

Studies on soybean trypsin inhibitors. 3. Isolation and sequence determination of the tryptic peptides of Bowman-Birk soybean proteinase inhibitor. Odani S, et al. **J Biochem (Tokyo)** 71:831-8, May 72

Interactions between NADH-cytochrome b5 reductase and cytochrome b5 preparations purified from liver microsomes. Okuda T, et al. **J Biochem (Tokyo)** 72:987-92, Oct 72

Inactivation of ribosomes by a factor induced by colicin E3. Osumi Y, et al. **J Biochem (Tokyo)** 71:911-4, May 72

Active subfragment of the inhibitory component of troponin. Shigekawa M, et al. **J Biochem (Tokyo)** 72:957-71, Oct 72

Amino acid sequence of a human kappa type Bence-Jones protein. I. Tryptic peptides of protein Ni. Shinoda T. **J Biochem (Tokyo)** 73:417-31, Feb 73

Amino acid sequence of a human kappa type Bence-Jones protein. II. Chymotryptic peptides and sequence of protein Ni. Shinoda T. **J Biochem (Tokyo)** 73:433-46, Feb 73

Skeletal and cardiac troponins and their components. Staprans I, et al. **J Biochem (Tokyo)** 72:723-35, Sep 72

Studies on enzymatically active subfragments of myosin adenosine triphosphatase. II. Preparation by nagarse digestion and comparison with subfragments prepared by using different proteolytic enzymes. Yazawa Y, et al. **J Biochem (Tokyo)** 73:567-80, Mar 73

The distribution of carbohydrate groups in rat skin collagen. Aguilar JH, et al. **J Biol Chem** 248:5106-13, 25 Jul 73

Thiolysis of dinitrophenylated myosin with restoration of adenosine triphosphatase activity. Bailin G, et al. **J Biol Chem** 247:7815-21, 10 Dec 72

Calorimetry of some trypsin-trypsin inhibitor reactions. Baugh RJ, et al. **J Biol Chem** 247:7498-501, 10 Dec 72

Evidence against two "pH locked" conformations of phosphorylated trypsin. Berliner LJ, et al. **J Biol Chem** 248:1118-20, 10 Feb 73

A beta-adrenergic receptor of the turkey erythrocyte. II. Characterization and solubilization of the receptor. Bilezikian JP, et al. **J Biol Chem** 248:5584-9, 25 Aug 73

Primary structure of human fibrinogen and fibrin. II. Structural studies on NH2-terminal part of gamma chain. Blombäck B, et al. **J Biol Chem** 248:5806-20, 25 Aug 73

Nicotinamide adenine dinucleotide phosphate-specific glutamate dehydrogenase of Neurospora. I. Isolation, subunits, amino acid composition, sulfhydryl groups, and identification of a lysine residue reactive with

pyridoxal phosphate and N-ethylmaleimide. Blumenthal KM, et al.
J Biol Chem 248:6002-8, 10 Sep 73

Hemoglobin 3 chains in apes. Primary structures and the presumptive nature of back mutation in a normally silent gene. Boyer SH, et al.
J Biol Chem 248:992-1003, 10 Feb 73

Purification of a calcium-binding phosphoprotein from beef adrenal medulla. Identity with one of two calcium-binding proteins of brain. Brooks JC, et al.
J Biol Chem 248:4189-93, 25 Jun 73

COOH-terminal amino acid sequence of histidinol dehydrogenase from a Salmonella typhimurium mutant. Bruni CB, et al.
J Biol Chem 247:6671-8, 25 Oct 72

Active site properties of (aspartic acid 43)-semisynthetic nuclease-T'. Chaiken IM, et al.
J Biol Chem 247:6743-7, 10 Nov 72

The reaction of tetranitromethane with pituitary, luteinizing and thyroid-stimulating hormones. Cheng KW, et al. J Biol Chem 247:7163-72, 25 Nov 72

Rabbit muscle phosphofructokinase: studies of the subunit molecular weight and structure. Isolation of carboxymethylated cysteinyl peptides and sedimentation equilibrium studies. Coffee CJ, et al.
J Biol Chem 248:1381-7, 25 Feb 73

Carp muscle calcium-binding protein. I. Characterization of the tryptic peptides and the complete amino acid sequence of component B. Coffee CJ, et al. J Biol Chem 248:3302-12, 10 May 73

Studies on the adenosine 3',5'-monophosphate-dependent protein kinases of rabbit skeletal muscle. Corbin JD, et al.
J Biol Chem 247:7790-8, 10 Dec 72

Trytophanase from Aeromonas liquefaciens. Subunit structure and aggregation of the enzyme into enzymatically active polymeric species. Cowell JL, et al. J Biol Chem 248:6262-9, 25 Sep 73

Location of histidine residues that react with bromoacetazolamide and N-bromoacetylacetazolamide in human and bovine carbonic anhydrases. Cybulsky DL, et al.
J Biol Chem 248:3411-8, 25 May 73

The plasma membrane of isolated fat cells. I. Identification of trypsin-sensitive membrane peptides by sodium dodecyl sulfate polyacrylamide gel electrophoresis. Czech MP, et al.
J Biol Chem 248:5081-8, 25 Jul 73

Histone 3. 3. Sequence studies on the cyanogen bromide peptides; complete amino acid sequence of calf thymus histone 3. DeLange RJ, et al.
J Biol Chem 248:3261-74, 10 May 73

Histone 3. I. Isolation and sequences of the tryptic peptides from the maleylated calf thymus protein. DeLange RJ, et al. J Biol Chem 248:3248-54, 10 May 73

Studies on the correlation between size and relative degradation rate of soluble proteins. Dice JF, et al.
J Biol Chem 248:4220-8, 25 Jun 73

Phosphorylation of initiation factor IF-2 from Escherichia coli with skeletal muscle kinase. Fakunding JL, et al. J Biol Chem 247:6365-7, 10 Oct 72

Acetyl coenzyme A carboxylase. Proteolytic modification of biotin carboxyl carrier protein. Fall RR, et al. J Biol Chem 248:2078-88, 25 Mar 73

Adenylate cyclase activity in Neurospora crassa. 3. Modulation by glucagon and insulin. Flawiá MM, et al.
J Biol Chem 248:4517-20, 10 Jul 73

On the stability of bovine superoxide dismutase. The effects of metals. Forman HJ, et al.
J Biol Chem 248:2645-9, 25 Apr 73

Isolation and amino acid sequences of tropoelastin peptides. Foster JA, et al.
J Biol Chem 248:2876-9, 25 Apr 73

The interaction of the lanthanide ions with staphylococcal nuclease. Furie B, et al.
J Biol Chem 248:2821-5, 25 Aug 73

Structure and function of the hemoglobins of the carp, Cyprinus carpio. Gillen RG, et al.
J Biol Chem 247:6039-46, 10 Oct 72

Structure and function of the isolated hemoglobins of the American eel, Anguilla rostrata. Gillen RG, et al.
J Biol Chem 248:1961-9, 25 Mar 73

Subunit structure of human superoxide dismutase. Hartz JW, et al. J Biol Chem 247:7043-50, 10 Nov 72

On the subunit structure of yeast inorganic pyrophosphatase. Heinrikson RL, et al.
J Biol Chem 248:2521-8, 10 Apr 73

The activation of prothrombin. I. Isolation and preliminary characterization of intermediates. Heldebrant CM, et al.
J Biol Chem 248:3642-52, 25 May 73

Histone 3. IV. Amino acid sequence of histone 3 of the testes of the carp, Letiobus bubalus. Hooper JA, et al.
J Biol Chem 248:3275-9, 10 May 73

Purification and properties of a mutant bifunctional enzyme from the HisB gene of Salmonella typhimurium. Houston LL.
J Biol Chem 248:4144-9, 25 Jun 73

Preparation and partial characterization of catalytically active tryptic derivatives of phosphorylase b. Huminiski PM, et al.
J Biol Chem 248:4933-40, 25 Jul 73

Chemical studies on the subunit structure of rabbit muscle phosphoglucose isomerase. Identification of N-acetylated NH 2 -terminal alanine and COOH-terminal glutamine. James GT, et al.
J Biol Chem 248:730-7, 25 Jan 73

Peptide analysis of the mouse hemoglobin messenger ribonucleic acid-directed products synthesized in mammalian and avian cell-free systems. Jones RF, et al. J Biol Chem 247:7951-5, 25 Dec 72

Identification of a glutamic acid at the active center of bovine carboxypeptidase B. Kimmel MT, et al.
J Biol Chem 247:7864-9, 25 Dec 72

Adrenal gland in vitamin E deficiency. 3. Inhibition of adrenocorticotropic hormone-induced steroidogenesis in isolated adrenal cells by ascorbic acid. Kitabchi AE, et al.
J Biol Chem 248:835-40, 10 Feb 73

Isolation of a cysteine-peptide at the active site of histidine ammonia-lyase. Klee CB, et al.
J Biol Chem 247:8051-7, 25 Dec 72

Cocoonase. V. Structural studies on an insect serine protease. Kramer KJ, et al.
J Biol Chem 248:3021-8, 10 May 73

The purification and subunit structure of cysteine desulfhydrase from Salmonella typhimurium. Kredich NM, et al. J Biol Chem 247:7157-62, 25 Nov 72

Structural comparisons between the class I fructose diphosphate aldolases from Micrococcus aerogenes and rabbit. Lebherz HG, et al.
J Biol Chem 248:1660-5, 10 Mar 73

Kinetics of the carbamylation of the amino groups of sickle cell hemoglobin by cyanate. Lee CK, et al.
J Biol Chem 248:5861-5, 25 Aug 73

Amino acid sequence studies with the tryptophan synthetase chain of Salmonella typhimurium. Li SL, et al. J Biol Chem 248:1830-6, 10 Mar 73

Amino acid sequence studies with the tryptophan synthetase chain of Aerobacter aerogenes. Li SL, et al. J Biol Chem 248:1837-43, 10 Mar 73

Human carbonic anhydrases. X. Preparation of large peptide fragments of carbonic anhydrase B used for sequence studies. Lin KT, et al.
J Biol Chem 248:1881-4, 25 Mar 73

Human carbonic anhydrases. XI. The complete primary structure of carbonic anhydrase B. Lin KT, et al.
J Biol Chem 248:1885-93, 25 Mar 73

Biosynthesis of urea. XIV. The quaternary structure of argininosuccinase. Lusty CJ, et al.
J Biol Chem 247:7010-22, 10 Nov 72

Detailed mechanism of interaction of bovine -trypsin with soybean trypsin inhibitor (Kunitz). I. Stopped flow measurements. Luthy JA, et al.
J Biol Chem 248:1760-71, 10 Mar 73

Isolation and characterization of the tryptic and cyanogen bromide peptides of apoLp-Gln-II (apoA-II), plasma high density apolipoprotein. Lux SE, et al. J Biol Chem 247:7519-27, 10 Dec 72

Demonstration of the hybrid hemoglobin 2 A A S . Macleod RM, et al. J Biol Chem 248:100-3, 10 Jan 73

Role of enzyme-enzyme interactions in the regulation of gluconeogenesis. Properties and subunit structure of fructose 1,6-diphosphatase from swine kidney. Mendicino J, et al. J Biol Chem 247:6643-50, 25 Oct 72

Succinyl coenzyme A synthetase of Escherichia coli. Effects of phosphoenzyme formation and of substrate binding on the reactivity and stability of the enzyme. Moffet FJ, et al. J Biol Chem 247:8139-44, 25 Dec 72

Amino acd sequence of chicken liver glutamate dehydrogenase. Moon K, et al.
J Biol Chem 248:3093-107, 10 May 73

Sequence of bovine liver glutamate dehydrogenase. 8. Peptides produced by specific chemical cleavages; the complete sequence of the protein. Moon K, et al.
J Biol Chem 248:3082-8, 10 May 73

A comparative study of spin-labeled serine enzymes: acetylcholinesterase, trypsin, -chymotrypsin,

elastase, and subtilisin. Morrisett JD, et al. J Biol Chem 247:7224-31, 25 Nov 72

The purification and properties of an abnormal prothrombin protein produced by dicumarol-treated cows. A comparison to normal prothrombin. Nelsestuen GL, et al. J Biol Chem 247:8176-82, 25 Dec 72

Partial resolution of the enzymes catalyzing photophosphorylation. XII. Purification and properties of an inhibitor isolated from chloroplast coupling factor 1. Nelson N, et al. J Biol Chem 247:7657-62, 10 Dec 72

Comparison of carboxymethylation patterns of harbor seal and sperm whale myoglobins. Nigen AM, et al. J Biol Chem 248:3708-15, 25 May 73

Nucleoside triphosphate-nucleoside diphosphate transphosphorylase (nucleoside diphosphokinase). 3. Subunit structure of the crystalline enzyme from brewers' yeast. Palmieri R, et al. J Biol Chem 248:4486-99, 25 Jun 73

Affinity chromatography of serum albumin with fatty acids immobilized on agarose. Peters T Jr, et al. J Biol Chem 248:2447-51, 10 Apr 73

Lac repressor. Specific proteolytic destruction of the NH 2 -terminal region and loss of the deoxyribonucleic acid-binding activity. Platt T, et al. J Biol Chem 248:110-21, 10 Jan 73

Multiple hemoglobins of catostomid fish. II. The amino acid sequence of the major chain from Catostomus clarkii hemoglobins. Powers DA, et al. J Biol Chem 247:6694-707, 25 Oct 72

Deoxythymidylate phosphohydrolase induced by bacteriophage PBS2 during infection of Bacillus subtilis. Price AR, et al. J Biol Chem 248:1372-80, 25 Feb 73

Acyl carrier protein. XIX. Amino acid sequence of liver fatty acid synthetase peptides containing 4'-phosphopantetheine. Roncari DA, et al. J Biol Chem 247:6234-42, 10 Oct 72

Evidence for the induction of a conformational change of bovine trypsin by a specific substrate at pH 8.0. Royer GP, et al. J Biol Chem 248:2627-9, 10 Apr 73

Bovine pancreatic deoxyribonuclease A. Isolation, composition, and amino acid sequences of the tryptic and chymotryptic peptides. Salnikow J, et al. J Biol Chem 248:1480-8, 25 Feb 73

Bovine pancreatic deoxyribonucleases A and C. A proline for histidine substitution in deoxyribonuclease C. Salnikow J, et al. J Biol Chem 248:1499-501, 10 Mar 73

Studies on human triosephosphate isomerase. II. Nature of the electrophoretic multiplicity in erythrocytes. Sawyer TH, et al. J Biol Chem 247:6499-505, 25 Oct 72

Human Factor XIII from plasma and platelets. Molecular weights, subunit structures, proteolytic activation, and cross-linking of fibrinogen and fibrin. Schwartz ML, et al. J Biol Chem 248:1395-407, 25 Feb 73

Studies on the structure of T4 thioredoxin. I. Isolation and amino acid sequence of the peptides obtained from a tryptic digest of the protein. Sjöberg BM. J Biol Chem 247:8058-62, 25 Dec 72

Studies on the structure of T4 thioredoxin. II. Amino acid sequence of the protein and comparison with thioredoxin from Escherichia coli. Sjöberg BM, et al. J Biol Chem 247:8063-8, 25 Dec 72

Isolation and characterization of the helical regions of epidermal prekeratin. Skerrow D, et al. J Biol Chem 248:4820-6, 10 Jul 73

Size and configuration of glycoprotein fragments cleaved from tumor cells by proteolysis. Slayter HS, et al. J Biol Chem 248:3405-10, 25 May 73

Titration of activated bovine Factor X. Smith RL. J Biol Chem 248:2418-23, 10 Apr 73

Characterization of a proposed oxytocin receptor in rat mammary gland. Soloff MS, et al. J Biol Chem 248:6471-8, 25 Sep 73

Studies on the conversion of proinsulin to insulin. II. Evidence for a chymotrypsin-like cleavage in the connecting peptide region of insulin precursors in the rat. Tager HS, et al. J Biol Chem 248:3476-82, 25 May 73

The amino acid sequence of bovine adrenodoxin. Tanaka M, et al. J Biol Chem 248:1141-57, 25 Feb 73

The primary structure of Peptostreptococcus elsdenii flavodoxin. Tanaka M, et al. J Biol Chem 248:4354-66, 25 Jun 73

The dynamic equilibrium of folding and unfolding of nuclease-T. Taniuchi H. J Biol Chem 248:5164-74, 25 Jul 73

Structural evidence for heterogeneity of two hemoglobin chain gene loci in white-tailed deer. Taylor WJ, et al. J Biol Chem 247:7320-4, 25 Nov 72

Physicochemical characterization of ribonucleoside diphosphate reductase from Escherichia coli. Thelander L. J Biol Chem 248:4591-601, 10 Jul 73

Diphtheria toxin and related proteins. 3. Reconstitution of hybrid "diphtheria toxin" from nontoxic mutant proteins. Uchida T, et al. J Biol Chem 248:3851-4, 10 Jun 73

Action of phospholipase A at interfaces. Verger R, et al. J Biol Chem 248:4023-34, 10 Jun 73

Snake venom toxins. The purification and amino acid sequence of toxin F VII from Dendroaspis angusticeps venom. Viljoen CC, et al. J Biol Chem 248:4915-9, 25 Jul 73

The proteolytic enzymes of the K-1 strain of Streptomyces griseus obtained from a commercial preparation (Pronase). Purification and characterization of the aminopeptidases. Vosbeck KD, et al. J Biol Chem 248:6029-34, 10 Sep 73

Studies of the levels and synthesis of cytochrome c during adult development of the blowfly Lucilia cuprina. Williams KL, et al. J Biol Chem 247:6024-30, 10 Oct 72

Isolation of three isoinhibitors of trypsin from garden bean, Phaseolus vulgaris, having either lysine or arginine at the reactive site. Wilson KA, et al. J Biol Chem 248:756-62, 10 Feb 73

Globin synthesis on reticulocyte membrane-bound ribosomes. Woodward WR, et al. J Biol Chem 248:1556-61, 10 Mar 73

Amino acid sequence of the center of the arginine-lysine-rich histone from calf thymus. The total sequence. Yeoman LC, et al. J Biol Chem 247:6018-23, 10 Oct 72

The enzymatic iodination of the red cell membrane. Hubbard AL, et al. J Cell Biol 55:390-405, Nov 72

The effect of phagocytosis and spreading on macrophage surface receptors for concanavalin A. Lutton JD. J Cell Biol 56:611-7, Feb 73

Inhibition of DNA synthesis in chick embryo cultures by deprivation of either serum or zinc. Rubin H, et al. J Cell Biol 56:777-86, Mar 73

The culture of dissociated cells from rat cerebral cortex. Yavin E, et al. J Cell Biol 57:232-7, Apr 73

Cell separation by velocity sedimentation of postnatal mouse cerebellum. Barkley DS, et al. J Cell Physiol 81:271-9, Apr 73

Effect of x-irradiation of one partner on hybrid frequency in fusions between Chinese hamster cells. Harris M. J Cell Physiol 80:119-28, Aug 72

Isolation, purification, and chemical characterization of the serum mitogen for diploid human fibroblasts. Houck JC, et al. J Cell Physiol 81:257-70, Apr 73

Tetrodotoxin-resistant electric activity in chick skeletal muscle cells differentiated in vitro. Kano M, et al. J Cell Physiol 81:85-9, Feb 73

Separation of mouse spermatogenic cells by velocity sedimentation. Meistrich ML. J Cell Physiol 80:299-312, Oct 72

Biochemical characteristics of normal and virally transformed mouse cell lines. Yoshikawa-Fukada M, et al. J Cell Physiol 80:421-30, Dec 72

Variable amounts of DNA related to the size of chloroplasts. IV. Three-dimensional arrangement of DNA in fully differentiated chloroplasts of Beta vulgaris L. Kowallik KV, et al. J Cell Sci 11:357-77, Sep 72

Some effects of actinomycin D, cycloheximde and puromycin on cell adhesion. Weiss L, et al. J Cell Sci 12:655-64, Mar 73

The use of a poly(allyl carbonate) for the preparation of active, water-insoluble derivatives of enzymes. Kennedy JF, et al. J Chem Soc [Perkin I] 20:2568-73, 1972

Characteristics of "big ACTH" in human plasma and pituitary extracts. Yalow RS, et al. J Clin Endocrinol Metab 36:415-23, Mar 73

Studies on the distribution of surface immunoglobulins of human B-lymphocytes. Ault KA, et al. J Clin Invest 52:2507-16, Oct 73

Partial purification of plasma thromboplastin antecedent (factor XI) and its activation by trypsin. Saito H, et al. J Clin Invest 52:850-61, Apr 73

Characteristics of the antitrypsin activity of human serum. Rowley PT, et al. J Clin Pathol 26:48-51, Jan 73

Inactivation of pineal antigonadotrophin by proteolytic enzymes. Matthews MJ, et al. J Endocrinol 56:339-40, Feb 73

Studies on human plasma alpha

2-macroglobulin-enzyme interactions. Evidence for proteolytic modification of the subunit chain structure. Harpel PC. J Exp Med 138:508-21, 1 Sep 73
Serological relationships between different strains of vesicular stomatis virus. Cartwright B, et al. J Gen Virol 16:391-8, Sep 72
Some properties of virus and immune-induced human lymphocyte interferons. Falcoff R. J Gen Virol 16:251-3, Aug 72
An investigation of factors influencing the susceptibility of Balb-c 3T3 cells to polyoma virus. Thorne HV. J Gen Virol 18:153-62, Feb 73
Banding patterns in human chromosomes: production by proteolytic enzymes. Lee CL, et al. J Hered 63:296-7, Sep-Oct 72
Studies on two methods for extraction of streptococcal T antigens. Erwa HH. J Hyg (Camb) 71:131-8, Mar 73
Protection of T4 bacteriophage against inactivation during freezing and thawing by addition of peptides. Steele PR. J Hyg (Camb) 70:465-72, Sep 72
Interactions between human C5, C6, and C7 and their functional significance in complement-dependent cytolysis. Arroyave CM, et al. J Immunol 111:536-45, Aug 73
Morphologic, chemical, and immunologic studies of amyloid-like fibrils formed from Bence Jones Proteins by proteolysis. Linke RP, et al. J Immunol 111:10-23, Jul 73
Immunocytology of cultured IgM-forming cells of mouse. I. Requirement of phagocytic cell factor for the growth of IgM-forming tumor cells in tissue culture. Namba Y, et al. J Immunol 109:1193-200, Dec 72
Monoclonal IgA and IgM in the serum of a single patient (SC). I. Sharing of individually specific determinants between IgA and IgM. Yagi Y, et al. J Immunol 110:335-44, Feb 73
In vitro growth of postembryonic hair. Frater R, et al. J Invest Dermatol 61:72-81, Aug 73
Intraluminal and postabsorptive effects of amino acids on pancreatic enzyme secretion. DiMagno EP, et al. J Lab Clin Med 82:241-8, Aug 73
Routine identification of group-C streptococci by means of an agglutinin (protectin) from the albumen gland of the edible snail, Helix pomatia. Köhler W, et al. J Med Microbiol 6:127-30, Feb 73
Studies concerning the possible reconstitution of an active cation pump across an artificial membrane. Jain MK, et al. J Membr Biol 8:363-88, 1972
A model for the association of bovine pancreatic trypsin inhibitor with chymotrypsin and trypsin. Blow DM, et al. J Mol Biol 69:137-44, 14 Aug 72
The trypsin-trypsin inhibitor complex: crystallization, unit cells and space groups. Cole FE, et al. J Mol Biol 71:105-6, 28 Oct 72
Synthesis of polyoma proteins in vitro. Crawford LV, et al. J Mol Biol 74:627-34, 15 Mar 73
Ribosomal proteins. 33. Location of amino-acid replacements in protein S12 isolated from Escherichia coli mutants resistant to streptomycin. Funatsu G, et al. J Mol Biol 68:547-50, 28 Jul 72
Release factor regulating termination of complete protein in a eukaryotic organism. Ilan J. J Mol Biol 77:437-48, 5 Jul 73
Structure of the complex formed by bovine trypsin and bovine pancreatic trypsin inhibitor. Crystal structure determination and stereochemistry of the contact region. Rühlmann A, et al. J Mol Biol 77:417-36, 5 Jul 73
Preparation of pure cultures of tumor macrophages. Evans R. J Natl Cancer Inst 50:271-3, Jan 73
A soluble preparation from rat brain that incorporates into its own proteins (14 C)arginine by a ribonuclease-sensitive system and (14 C)tyrosine by a ribonuclease-insensitive system. Barra HS, et al. J Neurochem 20:97-108, Jan 73
Unidentified factor activities in whole soybeans required for optimum growth of Coturnix quail. Blair R, et al. J Nutr 102:1529-41, Nov 72
Measurement of digestibility of alfalfa protein concentrates by in vivo and in vitro methods. Saunders RM, et al. J Nutr 103:530-5, Apr 73
Synthesis of 2-amino-L-histidine and 2-aminohistamine. Nagai W, et al. J Org Chem 38:1971-4, 1 Jun 73
Bone resorption in vitro induced by products of human gingival cells in culture. Jacobsen N, et al. J Periodont Res 8:171-8, 1973
Quantitative fluorometric determination of pancreatic lipase in pharmaceuticals. Wagle SS, et al. J Pharm Sci 62:990-3, Jun 73
Uptake of (3 H)ouabain and Na pump turnover rates in cells cultured in ouabain. Boardman LJ, et al. J Physiol (Lond) 225:619-35, Sep 72
The zona reaction of hamster and mouse eggs: production in vitro by a trypsin-like protease from cortical granules. Gwatkin RB, et al. J Reprod Fertil 32:259-65, Feb 73
Evidence for the penetration of the vitelline membrane of the hen's ovum by a trypsin-like acrosomal enzyme. Howarth B Jr, et al. J Reprod Fertil 33:123-5, Apr 73
Rapidity of removal in vitro of the cumulus oophorus and the zona pellucida in different strains of mice. Krzanowska H. J Reprod Fertil 31:7-14, Oct 72
Acidic pH and the hepatic detoxification of endotoxin. Filkins JP. J Reticuloendothel Soc 13:511-7, Jun 73
Fibrinogen and albumin catabolism in experimental pancreatitis in the rat. Wardle EN. J Surg Res 15:122-31, Aug 73
Ultrastructural and certain cytochemical aspects of plasma membranes within glycol methacrylate sections. Dermer GB. J Ultrastruct Res 42:221-33, Feb 73
Monolayer cell culture of neonatal rat pancreas: an ultrastructural and biochemical study of functioning endocrine cells. Orci L, et al. J Ultrastruct Res 43:270-97, May 73
Electrophoretic and other properties of bacteriophage Q : the effect of a variable number of read-through proteins. Radloff RJ, et al. J Virol 11:116-28, Jan 73
Phosphoprotein component of vaccinia virions. Rosemond H, et al. J Virol 11:961-70, Jun 73
Large-molecular-weight precursors of sindbis virus proteins. Schlesinger MJ, et al. J Virol 11:1013-6, Jun 73
Identification of the vesicular stomatitis virus large protein as a unique viral protein. Stampfer M, et al. J Virol 11:520-6, Apr 73
Degradation of tuberculoproteins by incubation with lysosomal components of the mouse spleen. Kanai K, et al. Jap J Med Sci Biol 25:297-307, Oct 72
Banding patterns of chromosomes in bone marrow cells of the Chinese hamster as revealed by acetic-saline-giemsa, urea, and trypsin technics. Lavappa KS, et al. Lab Anim Sci 23:546-50, Aug 73
Fine structure of early experimental acute pancreatitis in dogs. Bockman DE, et al. Lab Invest 28:584-92, May 73
Trypsin banding of Giemsa-stained chromosomes. Kajii T, et al. Lancet 2:1311-2, 16 Dec 72
Improvement of trypsin method for banding chromosomes. Seabright M. Lancet 1:1249-50, 2 Jun 73
Toxicity of wheat gliadin fractions in coeliac disease. Townley RR, et al. Lancet 1:1363-4, 16 Jun 73
Biological properties of esteroprotease isolated from the submaxillary gland of mice. Angeletti M, et al. Life Sci [II] 12:297-305, 8 Apr 73
Amino acid composition of some tryptic peptides of the aminoethylated alpha-like chain of Rattus norvegicus hemoglobin. Brdička R, et al. Life Sci [II] 11:887-93, 22 Sep 72
Partial amino acid sequence of some tryptic peptides of the alpha 1 chain of Rattus norvegicus hemoglobin. Brdička R, et al. Life Sci [II] 11:895-9, 22 Sep 72
Preparation of monolayer pig kidney cell cultures by a modified continuous flow trypsinization procedure. Luther PD. Med Lab Technol 29:191-4, Apr 72
Immunological specificity of B. subtilis phage SP01 DNA. Braude NA, et al. Mol Biol 5:718-22, Nov-Dec 71
The formation of water-soluble trypsin--polymethacrylic acid complexes. Kol'tsova SV, et al. Mol Biol 5:177-82, Mar-Apr 71
Molecular pathology of ceruloplasmin. Neifakh SA, et al. Mol Biol 5:739-42, Nov-Dec 71
Position of the fluorescence spectrum maxima of external tryptophan residues in proteins. Vedenkina NS, et al. Mol Biol 6:375-7, Jul-Aug 72
The incomplete conversion of hepatic cytochrome P-450 to P-420 by mercurials. Franklin MR. Mol Pharmacol 8:711-21, Nov 72
Spherules in the serology of Coccidioides immitis. II. Complement fixation tests with human sera. Landay ME. Mycopathol Mycol Appl 49:45-52, 31 Jan 73
Biological and physicochemical properties of porcine parvovirus recovered from stillborn piglets. Morimoto T, et al. Natl Inst Anim Health Q (Tokyo) 12:137-44, Fall 72
Amino acid sequence of a beta chain of AII component of adult chicken haemoglobin. Matsuda G, et al. Nature [New Biol] 244:244, 22 Aug 73
Fucose-containing glycopeptides from the cell surface of Chinese hamster ovary cells grown in the presence

or absence of cyclic AMP. Roberts RM, et al. **Nature [New Biol]** 244:86-9, 18 Jul 73

Intracellular antigens of Streptococcus pyogenes. Isolation by means of column chromatography. Havlíček J, et al. **Pathol Microbiol (Basel)** 38:354-61, 1972

Production of G and C banding with progressive trypsin treatment. Merrick S, et al. **Pediatr Res** 7:39-44, Jan 73

The subunit structure of gizzard myosin. Kendrick-Jones J. **Philos Trans R Soc Lond [Biol Sci]** 265:183-9, 15 Mar 73

A remarkable deuterium effect on the rate of photosensitized oxidation of alcohol dehydrogenase and trypsin. Nilsson R, et al. **Photochem Photobiol** 17:65-8, Jan 73

Isolation of rat liver mitochondria and of their ribonucleic acid. Tryfiates GP. **Prep Biochem** 1:331-44, 1971

Primary structure of somatostatin, a hypothalamic peptide that inhibits the secretion of pituitary growth hormone. Burgus R, et al. **Proc Natl Acad Sci USA** 70:684-8, Mar 73

Mouse lambda-chain sequences. Cesari IM, et al. **Proc Natl Acad Sci USA** 70:2112-6, Jul 73

A native ribonucleoprotein complex from Escherichia coli ribosomes. Crichton RR, et al. **Proc Natl Acad Sci USA** 70:665-8, Mar 73

Glycopeptides from surface membranes of neuroblastoma cells. Glick MC, et al. **Proc Natl Acad Sci USA** 70:1682-7, Jun 73

Early contact interactions between mammalian gametes in vitro: evidence that the vitellus influences adherence between sperm and zona pellucida. Hartmann JF, et al. **Proc Natl Acad Sci USA** 69:2767-9, Oct 72

An active derivative of rabbit antibody light chain composed of the constant and the variable domains held together only by a native disulfide bond. Poulsen K, et al. **Proc Natl Acad Sci USA** 69:2495-9, Sep 72

NA + -selective ionophoric material derived from electric organ and kidney membranes. Shamoo AE, et al. **Proc Natl Acad Sci USA** 70:1191-4, Apr 73

Aminoacid sequence of dogfish M4 lactate dehydrogenase. Taylor SS, et al. **Proc Natl Acad Sci USA** 70:1790-3, Jun 73

Nucleation, rapid folding, and globular intrachain regions in proteins. Wetlaufer DB. **Proc Natl Acad Sci USA** 70:697-701, Mar 73

Differenial chromosome staining. Madan K. **Proc R Soc Med** 66:273-5, Mar 73

A simple method for the growth of mouse neuron monolayer cultures. Murphy WH, et al. **Proc Soc Exp Biol Med** 142:1-6, Jan 73

Further characterization of suckling mouse cataract agent (SMCA): a slow, persistent infection of the nervous system. Schwartz J, et al. **Proc Soc Exp Biol Med** 141:699-704, Nov 72

New trends in the preparation of cell substrates for the production of virus vaccines. Wezel AL van. **Prog Immunobiol Stand** 5:187-92, 1972

General discussion the papers of session 3. Developments with viral vaccines. **Prog Immunobiol Stand** 5:213-4, 1972

Preparation of specific antiserum to prostaglandin A. Stylos WA, et al. **Prostaglandins** 2:103-13, Aug 72

Conformation measurements on bovine trypsin and alpha-chymotrypsin during photodynamic inactivation. Hopkins TR, et al. **Radiat Res** 53:315-25, Feb 73

Kininogens of human plasma. Habal FM, et al. **Res Commun Chem Pathol Pharmacol** 4:477-86, Sep 72

Monolayer culture of bovine colon epithelium. Lycette RR, et al. **Res Vet Sci** 14:121-2, Jan 73

Cold promoted activation of factor VII. 3. Relation to the kallikrein system. Gjonnaess H. **Thromb Diath Haemorrh** 28:182-93, 31 Oct 72

Preparation of anti-M and -N IgG antibodies using proteolytic enzyme-treated M group red cells. Sagisaka K, et al. **Tohoku J Exp Med** 107:185-9, Jun 72

MN blood group activity of the blood components other than the red cells. Sagisaka K, et al. **Tohoku J Exp Med** 109:1-6, Jan 73

Iodination of cobrotoxin. Huang JS, et al. **Toxicon** 11:39-45, Jan 73

Fractionation of toxins from Hydrophis cyanocinctus venom and determination of amino acid composition and end groups of hydrophitoxin a. Liu CS, et al. **Toxicon** 11:73-9, Jan 73

Dynamics of receptor and antigen interaction at the lymphocyte. Rolley RT, et al. **Transplant Proc** 5:71-4, Mar 73

The effects of papain, trypsin and phospholipase A on rosette formation. Chapel HM. **Transplantation** 15:320-5, Mar 73

Macrophages in syngeneic animal tumours. Evans R. **Transplantation** 14:468-73, Oct 72

Differences in ultrastructural organization of amyloid as revealed by sensitivity or resistance to induced proteolysis. Romhányi G. **Virchows Arch [Pathol Anat]** 357:29-52, 1972

Poly(rI) more important than poly(rC) in the interferon induction process by poly(rI)-poly(rC). De Clercq E, et al. **Virology** 54:278-82, Jul 73

Translation of TMV-RNA in a cell-free wheat embryo system. Efron D, et al. **Virology** 53:343-8, Jun 73

Exposure of proteins and lipids in the Semliki forest virus membrane. Gahmberg CG, et al. **Virology** 50:259-62, Oct 72

Uncoating of poxviruses. I. Detection and characterization of subviral particles in the uncoating process. Holowczak JA. **Virology** 50:216-32, Oct 72

Proteolytic cleavage of the hemagglutinin polypeptide of influenza virus. Function of the uncleaved polypeptide HA. Lazarowitz SG, et al. **Virology** 52:199-212, Mar 73

The polypeptides of influenza virus. VI. Composition of the neuraminidase. Lazdins I, et al. **Virology** 49:758-65, Sep 72

Glycoprotein synthesis in cells infected with vaccinia virus. 3. Purification and biosynthesis of the virion glycoprotein. Moss B, et al. **Virology** 55:143-56, Sep 73

Structure of N-bromosuccinimide-modified tobacco mosaic virus protein and its function in the reconstitution process. Ono T, et al. **Virology** 50:76-83, Oct 72

The fate of sensitized equine arteritis virus following neutralization by complement of anti-IgG serum. Radwan AI, et al. **Virology** 53:372-8, Jun 73

Phosphorylated polypeptides in adenovirus-infected cells. Russell WC, et al. **Virology** 50:931-4, Dec 72

Head fibers of bacteriophage phi 29. Salas M, et al. **Virology** 50:180-8, Oct 72

Phosphoproteins, structural components of rhabdoviruses. Sokol F, et al. **Virology** 52:246-63, Mar 73

The size and shape of influenza virus neuraminidase. Wrigley NG, et al. **Virology** 51:525-9, Feb 73

Amino acid sequences of Clostridium pasteurianum flavodoxin. Fox JL, et al. **Z Naturforsch [B]** 27:1096-100, Sep 72

Recent advances in the chemistry of covalently bound flavin coenzymes. Kenney WC, et al. **Z Naturforsch [B]** 27:1069-71, Sep 72

Tissue culture of rat adult decapsulated adrenal glands. A methodological, ultrastructural and morphometric investigation. Armato U, et al. **Z Zellforsch Mikrosk Anat** 135:245-73, 1972

Studies on group A bacteriocins of Serratia marcescens: preliminary characterization of two subgroups of bacteriocins. Traub WH. **Zentralbl Bakteriol [Orig A]** 222:232-44, Nov 72

[Biochemical and physiological aspects of glycoproteins in mucous secretions] Pigman W, et al. **Ann Anat Pathol (Paris)** 17:227-50, Jul-Sep 72 (Eng. Abstr.) (Fre)

[Isolation and properties of L-meromysin-1 of beef carotid artery] Huriaux F. **Arch Int Physiol Biochim** 80:541-8, Aug 72 (Fre)

[Phospholipase A in E. coli O 118. I. Demonstration of two states of the enzyme and their properties] Bernard MC, et al. **Biochimie** 54:261-70, 1972 (Eng. Abstr.) (Fre)

[Histones of chicken erythrocytes. 3. Demonstration of the heterogeneity of the N-terminal fragment of the specific histone] Garel A, et al. **Biochimie** 54:451-5, 1972 (Eng. Abstr.) (Fre)

[Primary structure of human erythrocyte B carbonic anhydrase. I. Hydrolysis by trypsin and sequence of tryptic peptides] Laurent-Tabusse G, et al. **Biochimie** 54:809-21, 1972 (Eng. Abstr.) (Fre)

[Thyroid particulate peroxidase] Pommier J, et al. **Biochimie** 54:483-92, 1972 (Eng. Abstr.) (Fre)

[Study of the F2b fraction of calf thymus histones] Skandrani E, et al. **Biochimie** 54:1267-72, 1972 (Eng. Abstr.) (Fre)

[Glycopeptides obtained by proteolysis of a basic glycoprotein in human parotid saliva] Degand P, et al. **C R Acad Sci [D] (Paris)** 276:415-8, 15 Jan 73 (Fre)

[Comparative study of the primary structure of human

B and C and bovine C erythrocytic carbonic anhydrases] Laurent G, et al.
C R Acad Sci [D] (Paris) 676:827-30, 29 Jan 73 (Fre)
[Identification in bovine thyroglobulin of an iodinated dipeptide, tetraiodinated tyrosyltyrosine] Madelmont JC, et al.
C R Acad Sci [D] (Paris) 276:1357-9, 19 Feb 73 (Fre)
[Protection by antibacterial serums of bacteria having colicin molecules fixed at their surface] Marotel-Schirmann J, et al.
C R Acad Sci [D] (Paris) 275:2563-6, 27 Nov 72 (Fre)
[Influence of several adrenergic drugs on inflammatory edema of the rat paw. II. Effect of ephedrine in relation to various phlogogenic agents] Marcy R, et al.
C R Soc Biol (Paris) 165:2098-101, Jun 71 (Fre)
[Study of pancreatic effusions: experimental proteasic polyserositis] Warter J, et al.
C R Soc Biol (Paris) 166:1157-60, 1972 (Fre)
[Some aspects of protein synthesis in the thoracic muscles in the development of Schistocerca gregaria (Forsk.)] Richard C, et al.
Can J Biochem 50:1226-37, Nov 72 (Eng. Abstr.) (Fre)
[Anti-interferon activity of extracts of cells transformed by SV40 virus] Brodeur B, et al.
Can J Microbiol 19:7-14, Jan 73 (Eng. Abstr.) (Fre)
[Composition of human pancreatic juice. Immunoenzymological studies] Clemente F, et al.
Eur J Biochem 31:186-93, 21 Nov 72 (Eng. Abstr.) (Fre)
[Primary structure of bovine kappa B casein. Complete sequence] Mercier JC, et al.
Eur J Biochem 35:222-35, Jun 73 (Eng. Abstr.) (Fre)
[Electron microscopic studies on stretched and globular acetylcholinesterase molecules of the electric eel (Electrophorus electricus)] Rieger F, et al.
Eur J Biochem 34:539-47, 2 May 73 (Eng. Abstr.) (Fre)
[Primary structure of bovine kappa paracasein] Brignon G, et al.
FEBS Lett 27:301-5, 1 Nov 72 (Eng. Abstr.) (Fre)
[Chromosome analysis of malignant tumors. Technic of examination of tumors in organ culture] Carpentier S, et al.
Pathol Biol (Paris) 21:665-9, Jun 73 (Eng. Abstr.) (Fre)
[Automatic detection and identification of antierythrocyte antibodies. Preliminary results obtained by the trypsin-albumin-dextran method] Guimbretière J, et al.
Rev Fr Transfus 15:73-80, Mar 72 (Eng. Abstr.) (Fre)
[Study of effects of aprotinine administered by para and intraarticular injection. I. Experimental study] Marcy R. **Therapie 27:1021-30, Nov-Dec 72 (Fre)**
[Synthesis and properties of resin bound trypsin. I. Covalent coupling of trypsin to dialdehyde cellulose] Flemming C, et al.
Acta Biol Med Ger 30:177-82, 1973 (Eng. Abstr.) (Ger)
[Physical and chemical characterization of dermonecrotoxin from Staphylococcus aureus] Peter G.
Arch Dermatol Forsch 245:76-84, 1972 (Eng. Abstr.) (Ger)
[Supplementary components as factors in culture media for bacteria and cell cultures] Durner K, et al.
Arch Exp Veterinaermed 26:25-31, 1972 (Eng. Abstr.) (Ger)
[Effect of serum on the cell proliferation rate in primary cell cultures] Karasek E.
Arch Exp Veterinaermed 27:191-6, 1973 (Eng. Abstr.) (Ger)
[Study of the acetyltransferase component of fatty acid synthetase of yeast] Ziegenhorn J, et al.
Eur J Biochem 30:285-300, Oct 72 (Eng. Abstr.) (Ger)
[Characterization of the light chains of immunoglobulins by fingerprinting] Braun M, et al.
Hoppe Seylers Z Physiol Chem 353:1307-16, Aug 72 (Eng. Abstr.) (Ger)
[Principle of antibody structure. The structure of a monoclonal kappa I-type immunoglobulin L-chain (Bence Jones protein Bi). II. Isolation and characterization of the tryptic peptides] Braun M, et al.
Hoppe Seylers Z Physiol Chem 353:1273-83, Aug 72 (Eng. Abstr.) (Ger)
[Automatic sequence analysis of a protein (beta-lactoglobulin AB)] Braunitzer G, et al.
Hoppe Seylers Z Physiol Chem 353:832-4, May 72 (Eng. Abstr.) (Ger)
[Isolation of a trypsin-like enzyme (acrosin) from boar spermatozoa] Fink E, et al.
Hoppe Seylers Z Physiol Chem 353:1633-7, Oct 72 (Eng. Abstr.) (Ger)
[Demonstration and quantitative determination of complexes between leukocyte protease and 1 -antitrypsin in body secretions and body fluids] Hochstrasser K, et al.
Hoppe Seylers Z Physiol Chem 353:1120-4, Jul 72 (Eng. Abstr.) (Ger)
[The primary structure of a monoclonal IgG1 immunoglobulin (myeloma protein Nie). II. Amino acid sequence of the constant part of the H-chain, localization of genetic factors] Ponstingl H, et al.
Hoppe Seylers Z Physiol Chem 353:1369-72, Aug 72 (Eng. Abstr.) (Ger)
[Properties of the trypsin-like (acrosin) from boar spermatozoa] Schiessler H, et al.
Hoppe Seylers Z Physiol Chem 353:1638-45, Oct 72 (Eng. Abstr.) (Ger)
[The utilization of the inhibition of some enzymes by phenoxyalkanecarboxylic acid herbicides for their thin-layer chromatographic-enzymatic identification] Geike F.
J Chromatogr 72:333-42, 18 Oct 72 (Eng. Abstr.) (Ger)
[Molecular evolution of proteolytic enzymes] Pfleiderer G, et al.
Naturwissenschaften 59:396-405, Sep 72 (Eng. Abstr.) (Ger)
[Uptake and inactivation of ACTH in isolated fat cells] Baumann JB, et al.
Schweiz Med Wochenschr 103:845-7, 9 Jun 73 (Eng. Abstr.) (Ger)
[Characterization of a Streptococcus agalactiae bacteriocin] Krämer J, et al.
Zentralbl Bakteriol [Orig A] 219:290-301, Mar 72 (Eng. Abstr.) (Ger)
[Enrichment and characterization of Streptococcus agalactiae bacteriocins (brief report)] Krämer J, et al.
Zentralbl Bakteriol [Orig A] 220:356, May 72 (Ger)
[Immunological and enzyme chemical studies on the cell-wall structure of Treponema pallidum] Müller F, et al.
Zentralbl Bakteriol [Orig A] 220:494-8, May 72 (Ger)
[Demonstration of the Y chromatin in histological sections] Margit K, et al.
Morphol Igazsagugyi Orv Sz 13:112-5, Apr 73 (Eng. Abstr.) (Hun)
[Etiology of acute pancreatitis and changes in the pancreatic duct, with special reference to the double structure of the protective barrier] Mizumoto R, et al.
Jap J Clin Med 30:1062-6, Apr 72 (Jap)
[Determination of the interaction of polycyclic hydrocarbons with proteins by the chemiluminescent method] Zakarian AE, et al.
Biofizika 17:769-74, Sep-Oct 72 (Eng. Abstr.) (Rus)
[Direct evidence of the unimportance of deacetylation for comparison of amidase and esterase activities of monoacetyltrypsin] Krutiakov VM.
Biokhimiia 37:1091-4, Sep-Oct 72 (Eng. Abstr.) (Rus)
[Complete amino acid sequence in the molecule of porcine beta-lipotropin] Pankov IuA, et al.
Biokhimiia 37:991-1004, Sep-Oct 72 (Eng. Abstr.) (Rus)
[Nuclear factor promoting the breakdown by DNAases of chromatin DNA] Dzhandieri KM, et al.
Dokl Akad Nauk SSSR 211:474-6, 11 Jul 73 (Rus)
[Interaction of glycols and glycerin with the active center of trypsin and chymotrypsin] Mosolov VV, et al. **Dokl Akad Nauk SSSR 207:228-31, 1 Nov 72 (Rus)**
[A method of obtaining rabbit precipitating sera with high titer of antibodies to kallikrein and trypsin] Protsenko VA, et al. **Lab Delo 7:438-9, 1972 (Rus)**
[Kinetic characteristics of biological catalysis and the dynamic structure of enzymes] Likhtenshteĭn GI, et al.
Usp Sovrem Biol 75:26-45, Jan-Feb 73 (91 ref.) (Rus)
[Use of proteolytic enzymes for prevention of postoperative adhesions in the abdominal cavity] Zhenchevskiĭ RA.
Vestn Khir 108:48-53, Oct 72 (Eng. Abstr.) (Rus)
[Perfusion trypsinization of isolated piglet kidneys] Kurnosov AN, et al. **Veterinariia 12:50-2, Dec 72 (Rus)**
[New evidence of the freeing of influenza virus from host cell antigens] Arkhangel'skiĭ EV, et al.
Vopr Virusol 17:586-91, Sep-Oct 72 (Eng. Abstr.) (Rus)
[Study of rat sera for the level of antibodies to latent Kilham virus] Petruchuk EM, et al.
Vopr Virusol 18:203-6, Mar-Apr 73 (Eng. Abstr.) (Rus)
[Anti-interfering effect of adenoviruses] Selivanov AA, et al.
Vopr Virusol 17:574-7, Sep-Oct 72 (Eng. Abstr.) (Rus)

[Mixed bacterial-viral infection in a human embryonic kidney tissue culture caused by the influenza virus and Staphylococcus] Shenderovich SF, et al. **Vopr Virusol 18:207-9, Mar-Apr 73 (Eng. Abstr.) (Rus)**

[Relation of the immunobiological properties of fractions of S. typhi antigenic preparations to their molecular-weight parameters] Moskvicheva IV, et al. **Zh Mikrobiol Epidemiol Immunobiol 49:82-6, Oct 72 (Eng. Abstr.) (Rus)**

[Role of purified pancreatic enzymes in the etiology of vesicular inflammatory processes. Experimental study] Gramática L. **Rev Esp Enferm Apar Dig 39:365-76, 15 Feb 73 (Spa)**

ADMINISTRATION & DOSAGE

Trypsin aerosol treatment of pulmonary alveolar proteinosis. Case report. Riker JB, et al. **Am Rev Respir Dis 108:108-13, Jul 73**

Glucose transport by trypsin-treated red blood cell ghosts. Carter JR Jr, et al. **Biochim Biophys Acta 291:506-18, 26 Jan 73**

[Effect of trypsin and trypsin inhibitors on pancreatic secretion] Laporte JC, et al. **Nutr Metab 15:192-206, 1973 (Eng. Abstr.) (Fre)**

[Instillation treatment of suppurative maxillary sinusitides] Münker G. **HNO 20:346-8, Nov 72 (Eng. Abstr.) (Ger)**

[Influence of proteases on functional systems. Further aspects of the metabolic action of trypsin. II] Mírza A, et al. **Fiziol Norm Patol 18:507-12, Nov-Dec 72 (Eng. Abstr.) (Rum)**

[The effects of the proteolytic enzymes trypsin and chymopsin on intervertebral disks under experimental conditions] Avakian AV. **Eksp Khir Anesteziol 17:23-5, Sep-Oct 72 (Eng. Abstr.) (Rus)**

[Use of proteolytic enzymes for prevention of postoperative adhesions in the abdominal cavity] Zhenchevskiĭ RA. **Vestn Khir 108:48-53, Oct 72 (Eng. Abstr.) (Rus)**

ADVERSE EFFECTS

[Clinical experience of post-cataract extraction retinal detachment. Analysis of 111 cases treated in Quinze-Vingts] Guillaumat L, et al. **Ann Ocul (Paris) 205:1281-305, Dec 72 (Eng. Abstr.) (Fre)**

ANALYSIS

Hydrolytic activity of the perilymph in otosclerosis. A preliminary report. Chevance LG, et al. **Acta Otolaryngol (Stockh) 74:23-8, Jul-Aug 72**

Cystic fibrosis (mucoviscidosis). Di Sant'Agnese PA. **Am Fam Physician 7:102-11, Mar 73**

Studies on uterine flushings in the baboon. II. The effect of an intrauterine contraceptive device on certain biochemical parameters. Peplow V, et al. **Am J Obstet Gynecol 116:780-4, 15 Jul 73**

Magnetic circular dichroism studies. XIX. Determination of the tyrosine: tryptophan ratio in proteins. Barth G, et al. **Anal Biochem 48:471-9, Aug 72**

Simultaneous detection of trypsin and chymotrypsin with p-nitroanilide substrates on cellulose acetate electropherograms. Gertler A, et al. **Anal Biochem 54:270-1, Jul 73**

Determination of protein: a modification of the Lowry method that gives a linear photometric response. Hartree EF. **Anal Biochem 48:422-7, Aug 72**

A method for automated analyses of the activities of trypsin, chymotrypsin and their inhibitors. Stewart KK. **Anal Biochem 51:11-8, Jan 73**

An automated rate analysis of lipase, trypsin, and chymotrypsin reactions by constant pH titration. Vandermeers A, et al. **Anal Biochem 42:437-45, Aug 71**

Hypotension and release of kinin-forming enzyme into ascitic fluid exudate during experimental pancreatitis in dogs. Satake K, et al. **Ann Surg 177:497-502, Apr 73**

Mechanism of action of thrombin on fibrinogen. 3. Partial mapping of the active sites of thrombin and trypsin. Liem RK, et al. **Arch Biochem Biophys 158:387-95, Sep 73**

Calcium effects on erythrocyte membrane proteins. Triplett RB, et al. **Biochem Biophys Res Commun 49:1014-20, 15 Nov 72**

Determination of the operational molarity of solutions of bovine alpha-chymotrypsin, trypsin, thrombin and factor Xa by spectrofluorimetric titration. Jameson GW, et al. **Biochem J 131:107-17, Jan 73**

Determination of the amino acid sequence of porcine trypsin by sequenator aalysis. Hermodson MA, et al. **Biochemistry 12:3146-53, 14 Aug 73**

Application of sequenator analyses to the study of proteins. Hermodson MA, et al. **Biochemistry 11:4493-502, 21 Nov 72**

Human pancreatic enzymes. Characterization of anionic huyman trypsin. Mallory PA, et al. **Biochemistry 12:2847-51, 17 Jul 73**

Bovine factor X 1a (activated Stuart factor). Evidence of homology with mammalian serine proteases. Titani K, et al. **Biochemistry 11:4899-903, 19 Dec 72**

Detection of proteolytic activity after isoelectric focusing in polyacrylamide gel. Arvidson S, et al. **Biochim Biophys Acta 310:418-20, 15 Jun 73**

The involvement of an arginine residue of trypsin in its interaction with the Kunitz soybean trypsin inhibitor. Delarco JE, et al. **Biochim Biophys Acta 303:274-83, 20 Apr 73**

An active-site titration method for immobilized trypsin. Ford JR, et al. **Biochim Biophys Acta 309:175-80, 5 May 73**

Amino acid sequence in the vicinity of the reactive serine residue in shrimp trypsin. Gates BJ, et al. **Biochim Biophys Acta 310:137-41, 17 May 73**

A comparison of fractions prepared from navy (haricot) beans (Phaseolus vulgaris L.) in diets for germ-free and convential chicks. Hewitt D, et al. **Br J Nutr 29:423-35, May 73**

Concurrent studies on the flow of digesta in the duodenum and of exocrine pancreatic secretion of calves. The collection of the exocrine pancreatic secretion from a duodenal cannula. Ternouth JH, et al. **Br J Nutr 29:387-97, May 73**

The amino acid sequence of Streptomyces griseus trypsin. I. The peptic peptides. Jurášek L, et al. **Can J Biochem 51:1077-88, Jul 73**

Simple automated spectrophotometric method for assay of trypsin and chymotrypsin in duodenal juice. Vandermeers A, et al. **Clin Chem 18:1514-7, Dec 72**

Cystic fibrosis--survival could depend on you. Rosenlund ML. **Clin Pediatr (Phila) 11:667-8, Dec 72**

The influence of the gonad on the degeneration of the intestine in migrating river lampreys: Lampetra fluviatilis L. (Cyclostomata). Dockray GJ, et al. **Comp Biochem Physiol [A] 43:279-86, 1 Oct 72**

Functional development of the bovine exocrine pancreas. Track NS, et al. **Comp Biochem Physiol [A] 44:1101-4, 1 Apr 73**

Enzymatic and ultrastructural development of the bovine exocrine pancreas. Track NS, et al. **Comp Biochem Physiol [B] 43:313-22, 15 Oct 72**

On the biosynthesis, intracellular transport and mechanism of conversion of proinsulin to insulin and C-peptide. Kemmler W, et al. **Diabetes 21:Suppl 2:572-81, 1972 (41 ref.)**

Stimulation of pancreatic secretion of enzymes by acute hypercalcaemia in man. Goebell H, et al. **Eur J Clin Invest 3:98-104, Mar 73**

Substrates for determination of trypsin, thrombin and thrombin-like enzymes. Svendsen L, et al. **Folia Haematol (Leipz) 98:446-54, 1972**

Intraductal activation of pancreatic zymogens behind a carcinoma of the pancreas. Allan BJ, et al. **Gastroenterology 65:412-8, Sep 73**

A comparison of Boots and GIH secretin as stimuli of pancreatic secretion in human subjects with or without chronic pancreatitis. Gutierrez LV, et al. **Gut 13:721-5, Sep 72**

The Lundh test. James O. **Gut 14:582-91, Jul 73 (77 ref.)**

Goat trypsin: purification, properties and amino acid composition. Das SK, et al. **Indian J Biochem Biophys 9:287-92, Dec 72**

Chronic enteric disease and hypoproteinemia in 9 dogs. Finco DR, et al. **J Am Vet Med Assoc 163:262-71, 1 Aug 73**

Evidence for the induction of a conformational change of bovine trypsin by a specific substrate at pH 8.0. Royer GP, et al. **J Biol Chem 248:2627-9, 10 Apr 73**

Interactions between intraluminal bile acids and digestive products on pancreatic and gallbladder function. Malagelada JR, et al. **J Clin Invest 52:2160-5, Sep 73**

Trypsin-like nature of the pancreatic factor that corrects vitamin B12 malabsorption associated with pancreatic dysfunction. Toskes PP, et al. **J Clin Invest 52:1660-4, Jul 73**

Trypsin-like nature of the pancreatic factor that corrects vitamin B 12 malabsorption associated with pancreatic dysfunction. Toskes PP, et al. **J Clin Invest** 22:1660-4, Jul 73

Histochemical characterization of cellular and structural elements of the human spleen. Li CY, et al. **J Histochem Cytochem** 20:1049-58, Dec 72

Morphologic and biochemical changes in the gut after chronic treatment with L-dopa. Rivera-Calimlim L, et al. **J Pharmacol Exp Ther** 184:440-8, Feb 73

Biochemical detection and activation of an inactive form of a trypsin-like enzyme in rabbit testes. Meizel S. **J Reprod Fertil** 31:459-62, Dec 72

Differences in insulin, growth hormone and pancreatic enzyme secretion after intravenous and intraduodenal administration of mixed amino acids in man. Raptis S, et al. **N Engl J Med** 288:1199-202, 7 Jun 73

The effects of vagotomy on the human pancreas: preliminary communication. Doouss TW, et al. **NZ Med J** 77:229-32, Apr 73

Intraluminal and mucosal starch digestion in congenital deficiency of intestinal sucrase and isomaltase activities. Auricchio S, et al. **Pediatr Res** 6:832-9, Nov 72

Effect of Ascaridia galli on lumen activity of enzymes in the intestine of chicks. Hurwitz S, et al. **Poult Sci** 51:1462-3, Jul 72

The effect of forced feeding and of dietary protein level on enzymes associated with digestion, protein and carbohydrate metabolism in geese. Nitsan Z, et al. **Poult Sci** 52:474-81, Mar 73

Idiopathic pancreatic duct dilatation. Barnes AJ. **Proc R Soc Med** 66:10-1, Jan 73

A comparative study of four tests of pancreatic function in the diagnosis of pancreatic disease. Youngs GR, et al. **Q J Med** 42:597-618, Jul 73

Studies of gastrointestinal interactions. 3. Determination of gastric secretion and evacuation, biliary and pancreactic secretion, intestinal absorption, intestinal transit time and flow of water in man. Johansson C, et al. **Scand J Gastroenterol** 7:489-99, 1972

Comparative response of exocrine pancreatic secretion following a test meal and secretin-pancreozymin stimulation. Lurie B, et al. **Scand J Gastroenterol** 8:27-32, 1973

Insulin levels in acute experimental pancreatitis in dogs. Satake K, et al. **Surg Gynecol Obstet** 137:467-71, Sep 73

Secretin-like activity of dopamine on canine pancreatic secretion. Furuta Y, et al. **Tohoku J Exp Med** 108:353-60, Dec 72

Histochemical localization of production and secretion of trypsin in the earthworm Lumbricus terrestris. Bibighaus CL, et al. **Z Zellforsch Mikrosk Anat** 130:429-39, 1972

[Biochemical data on trypsin secretion in the pharynx of 2 polychaetous annelids] Michel C. **Ann Histochim** 17:243-9, Jul-Sep 72 (Eng. Abstr.) (Fre)

[Effects of thyroidectomy on phospholipase A2, lipase, cholesterolesterase, and trypsin activity of rat pancreatic juice and pancreas] Belleville J. **C R Acad Sci [D] (Paris)** 277:81-4, 2 Jul 73 (Fre)

[Partial purification of a trypsin type enzyme produced by Streptomyces paromomycinus (paromotrypsin)] Dostal JP, et al. **C R Acad Sci [D] (Paris)** 276:217-20, 8 Jan 73 (Fre)

[Preliminary biochemical data on venom glands of Glycera convoluta Keferstein (Annelida, Polychaeta)] Michel C, et al. **C R Soc Biol (Paris)** 166:853-7, 1972 (Fre)

[Chrysotherapy] Buneaux F, et al. **Rev Rhum Mal Osteoartic** 40:429-38, Jun 73 (Eng. Abstr.) (Fre)

[Exocrine pancreas function in chromium enteropathy. Functional and follow-up study on 7 patients] Güller R, et al. **Dtsch Med Wochenschr** 98:1268-70, 22 Jun 73 (Eng. Abstr.) (Ger)

[Functional diagnostics of the exocrine pancreas] Domschke W, et al. **Leber Magen Darm** 2:91-2, Apr 72 (Eng. Abstr.) (Ger)

[Assay for chymotrypsin and trypsin. II. On a few considerations for the assay of the commercial anti-inflammatry enzyme preparations] Nishizaki S, et al. **Buil Natl Inst Hyg Sci (Tokyo)** 90:89-92, 1972 (Eng. Abstr.) (Jap)

[Effect of mineralocorticoids on the exocrine function of the pancreas] Nazarova GG, et al. **Probl Endokrinol (Mosk)** 19:78-81, May-Jun 73 (Eng. Abstr.) (Rus)

ANTAGONISTS & INHIBITORS

ESR probing of macromolecules: spin-labeling of the active sites of the proteolytic serine enzymes. Hsia JC, et al. **Arch Biochem Biophys** 149:441-51, Apr 72

Human skin proteases. Fräki JE, et al. **Arch Dermatol Forsch** 243:153-63, 1972

Inhibition of the thrombin-fibrinogen reaction by a macromolecular factor from rat liver. Flengsrud R, et al. **Biochem J** 129:83-9, Aug 72

The crystal and molecular structure of DIP-inhibited bovine trypsin at2.7Angstrom resolution. Stroud RM, et al. **Cold Spring Harbor Symp Quant Biol** 36:125-40, 1971

Gel diffusion methods for determination of protease and protease-inhibiting activities. Carlsson L, et al. **Experientia** 28:990-1, 15 Aug 72

Competitive inhibition of Sephadex-bound chymotrypsin and trypsin. Carlsson J, et al. **Hoppe Seylers Z Physiol Chem** 353:1850-4, Dec 72

Effect of trichloroacetate ion on the proteolytic activity of chymotrypsin, trypsin & pepsin. Sagar AJ, et al. **Indian J Biochem Biophys** 9:52-4, Mar 72

[Specific fluorescent derivatives of macromolecules. Synthesis and characterization of N-alpha-dansyl-L-phenylalanyl-chymotrypsino (His-57)-methane and N-alpha-dansyl-L-lysyl-trypsino (His-46)-methane. Schoellmann G. **Int J Pept Protein Res** 4:221-7, 1972

Pharmacological studies on the anti-inflammatory effect of a semi-synthetic polysaccharide (pentosan polysulfate). Kalbhen DA. **Pharmacology** 9:74-9, 1973

Pentapeptide (pepstatin) inhibition of brain acid proteinase. Marks N, et al. **Science** 181:949-51, 7 Sep 73

[Partial purification of a trypsin type enzyme produced by Streptomyces paromomycinus (paromotrypsin)] Dostal JP, et al. **C R Acad Sci [D] (Paris)** 276:217-20, 8 Jan 73 (Fre)

[Alpha 1 - antitrypsin, a modern glycoprotein] Labadie P. **Rev Prat** 23:2876 passim, 1 Jun 73 (Fre)

[Food hygienic studies of sulfite. 3. Effects of sulphus oxides on microbial hydrolytic enzymes and digestive enzymes] Yokota K, et al. **Jap J Hyg** 26:481-5, Feb 72 (Eng. Abstr.) (Jap)

BIOSYNTHESIS

Some properties of acid protease from the thermophilic fungus, Penicillium duponti K1014. Hashimoto H, et al. **Appl Microbiol** 25:578-83, Apr 73

Histochemical localization of production and secretion of trypsin in the earthworm Lumbricus terrestris. Bibighaus CL, et al. **Z Zellforsch Mikrosk Anat** 130:429-39, 1972

BLOOD

Relation of the magnitude of blood enzyme elevation to severity of exocrine pancreatic disease. Gullick HD. **Am J Dig Dis** 18:375-83, May 73

Urinary excretion and metabolism of trypsin and trypsinogen: experimental study. Romero F, et al. **Ann Surg** 176:149-53, Aug 72

The twenty-four excretion of trypsin and trypsinogen in the urine. Romero F, et al. **Ann Surg** 176:154-8, Aug 72

Pancreatitis and basal emphysema. Ogilvie CM, et al. **Br Med J** 4:610-1, 9 Dec 72

Differentiation of trypsin-like enzymes in human plasma. Gullick HD. **Clin Chem** 18:1385-94, Nov 72

Shock in acute pancreatitis and hypovolaemia. Farrell P, et al. **Gut** 13:844, Oct 72

Experimental pancreatitis in the dog. Demonstration of trypsin in ascitic fluid, lymph and plasma. Ohlsson K, et al. **Scand J Gastroenterol** 8:129-33, 1973

[Changes in serum activity of trypsin in patients with bronchial asthma between attacks and during experimental anaphylactic shock] Kirchev P, et al. **Eksp Med Morfol** 10:105-9, 1971 (Eng. Abstr.) (Bul)

[Action of blood platelets on plasma prophospholipase] Duchesne MUJ, et al. **Biochimie** 54:257-60, 1972 (Eng. Abstr.) (Fre)

[In vitro effect of ethanol on trypsin activity and plasma and serum proteolytic inhibitors] Laporte JC. **Nutr Metab** 14:271-81, 1972 (Eng. Abstr.) (Fre)

[Effect of trypsin and trypsin inhibitors on pancreatic

secretion] Laporte JC, et al.
Nutr Metab 15:192-206, 1973 (Eng. Abstr.) **(Fre)**
[Pancreatic diagnosis] Perrier CV.
Praxis 61:1343-6, 31 Oct 72 **(Fre)**
[Chemical analysis of proteins] Brehm G.
Arch Dermatol Forsch 244:207-9, 1972 **(Ger)**
[Serum proteinase inhibitor capacity during administration of the oral contraceptive Ovosiston] Duck HJ, et al.
Zentralbl Gynaekol 95:343-8, 9 Mar 73 **(Ger)**
[Effect of blood serum of patients with peritonitis on the peristalsis of the isolated intestine of the rabbit] Danilenko AM, et al. **Klin Khir** 2:74-5, Feb 73 **(Rus)**
[Comparative study of enzymatic indices of the pancreas in the serum and duodenal contents in patients with ulcer disease treated in the health resort, Dzhermuk] Grigerian EG.
Ter Arkh 44:24-6, Oct 72 (Eng. Abstr.) **(Rus)**
[Blood trypsin and antitrypsin in the diagnosis of acute cholecystopancreatitis] Shpektor VA, et al.
Vestn Khir 108:32-6, Oct 72 (Eng. Abstr.) **(Rus)**
[Changes in the external secretion of the pancreas] Kovalev MM, et al.
Vrach Delo 10:64-9, Oct 72 (Eng. Abstr.) **(Rus)**

CHEMICAL SYNTHESIS

The catalytic function of trypsin with acylated active serine. Bresler SE, et al. **Mol Biol** 5:1-11, Jan-Feb 71

DIAGNOSTIC USE

Double heteroploidy, 46, XY, t(13q14q), +18, in a spontaneous abortus. Avirachan S, et al.
Clin Genet 4:101-4, 1973

ISOLATION & PURIFICATION

Modifications of trypsin with diazobenzenesulphonic acid. Bauer CA, et al.
Acta Chem Scand 26:1209-16, 1972
Affinity chromatography: purification of bovine trypsin and thrombin. Hixson HF Jr, et al.
Arch Biochem Biophys 154:501-9, Feb 73
Human pancreatic enzymes. Characterization of anionic huyman trypsin. Mallory PA, et al.
Biochemistry 12:2847-51, 17 Jul 73
Preparation and characterization of guanidinated trypsinogen and -guanidinated trypsin. Robinson NC, et al. **Biochemistry** 12:414-20, 30 Jan 73
Gel entrapment of enzymes. O'Driscoll KF, et al.
Biotechnol Bioeng 14:847-50, Sep 72
Digestive processes of haematophagous insects--II. Trypsin from the sheep ked Melophagus ovinus (L.) (hippoboscidae, diptera) and its inhibition by mammalian sera. Gooding RH.
Comp Biochem Physiol [B] 43:815-24, 15 Dec 72
Isolation of six trypsin-like esteropeptidases from the mouse submandibular gland. Ekfors TO, et al.
Enzymologia 43:151-65, 30 Sep 72
Purification and characterisation of different active forms of pork trypsin. Walker JE, et al.
Eur J Biochem 32:486-91, 1 Feb 73
A new approach for the isolation of biologically active compounds by affinity chromatography: isolation of trypsin. Wilchek M, et al.
FEBS Lett 31:149-52, 1 Apr 73
Goat trypsin: purification, properties and amino acid composition. Das SK, et al.
Indian J Biochem Biophys 9:287-92, Dec 72
Detailed mechanism of interaction of bovine -trypsin with soybean trypsin inhibitor (Kunitz). I. Stopped flow measurements. Luthy JA, et al.
J Biol Chem 248:1760-71, 10 Mar 73
Biological properties of esteroprotease isolated from the submaxillary gland of mice. Angeletti M, et al.
Life Sci [II] 12:297-305, 8 Apr 73
The catalytic function of trypsin with acylated active serine. Bresler SE, et al. **Mol Biol** 5:1-11, Jan-Feb 71
[Partial purification of a trypsin type enzyme produced by Streptomyces paromomycinus (paromotrypsin)] Dostal JP, et al.
C R Acad Sci [D] (Paris) 276:217-20, 8 Jan 73 **(Fre)**
[Proteolytic enzyme from the hepatopancreas of various crabs. 3. Proteolytic enzymes of shore crab's (paralithodes brevipes (H. Milve Edwardes et Lucus))] Ito Y.
J Jap Biochem Soc 45:199-205, Apr 73 **(Jap)**

METABOLISM

Properties of troponin and its constituents. Drabikowski W, et al. **Acta Biochim Pol** 20:181-99, 1973
Effect of ionizing radiation on the reactivity of epsilon-amino groups in tropocollagen. Jeleńska MM, et al. **Acta Biochim Pol** 19:341-6, 1972
Studies on the role of protease inhibitor from potato bulbs in digesting protein food. Worowski K, et al.
Acta Physiol Pol 24:361-70, 1973
Treatment of pain in chronic pancreatitis by irradiation. Werner G, et al.
Acta Radiol [Ther] (Stockh) 12:9-16, Feb 73
The role of pancreatic enzymes in digestion. Beck IT.
Am J Clin Nutr 26:311-25, Mar 73 (122 ref.)
In vitro iron attachment to the intestinal brush border. Effect of iron stores and other environmental factors. Kimber CL, et al. **Am J Dig Dis** 18:781-91, Sep 73
Pancreatic hydrolases and the formation of a myocardial depressant factor in shock. Lefer AM, et al. **Am J Physiol** 223:1103-9, Nov 72
Familial variation of leukocyte lysosomal protease and serum 1 -antitrypsin as determinants in chronic obstructive pulmonary disease. Galdston M, et al.
Am Rev Respir Dis 107:718-27, May 73
Histamine release during experimental acute haemorrhagic pancreatitis in dogs. Amundsen E.
Ann Chir Gynaecol Fenn 61:251-3, 1972
Aspects of laboratory tests for pancreatitis. Tenhunen R. **Ann Chir Gynaecol Fenn** 61:264-8, 1972
Urinary excretion and metabolism of trypsin and trypsinogen: experimental study. Romero F, et al.
Ann Surg 176:149-53, Aug 72
Mechanism of action of thrombin on fibrinogen. 3. Partial mapping of the active sites of thrombin and trypsin. Liem RK, et al.
Arch Biochem Biophys 158:387-95, Sep 73
Chromatographic purification of the Sindbis virus: comparison of different methods. Chudzio T, et al.
Arch Immunol Ther Exp (Warsz) 21:227-37, 1973
Properties of interferon from mouse brains. Kolaczkowska MK.
Arch Immunol Ther Exp (Warsz) 21:453-9, 1973
Endothelial succinate utilization in atherosclerotic rabbits. Rosen LA, et al.
Atherosclerosis 17:297-304, Mar-Apr 73
Heterogeneity of subfragment-1 preparations from myofibril digestion by trypsin. Cardinaud R, et al.
Biochem Biophys Res Commun 52:1057-63, 8 Jun 73
Uptake and binding of 125I-labelled prolactin by mammary tissue. Falconer IR.
Biochem J 126:8P-9P, Feb 72
Wheat-germ aspartate transcarbamoylase. The effects of ligands on the inactivation of the enzyme by trypsin and denaturing agents. Yon RJ.
Biochem J 131:699-706, Apr 73
pH dependence of the equilibrium constant for the hydrolysis of the Arg 63 -Ile reactive-site peptide bond in soybean trypsin inhibitor (Kunitz). Mattis JA, et al. **Biochemistry** 12:2239-45, 5 Jun 73
Influence of steroid binding on the tryptic hydrolysis of serum albumin. Ryan MT.
Biochemistry 12:2221-30, 5 Jun 73
Trypsin--pancreatic secretory inhibitor (Kazal inhibitor) interaction. Kinetic and thermodynamic properties. Schweitz H, et al.
Biochemistry 12:2841-6, 17 Jul 73
The interaction of a naphthalene dye with 2 -macroglobulin, free or bound to trypsin. Jacquot-Armand Y, et al.
Biochim Biophys Acta 303:128-37, 23 Mar 73
Monoenzymatic model membranes: diffusion-reaction kinetics and phenomena. Thomas D, et al.
Biochimie 54:229-44, 1972
Effects of reproductive tissue-specific antisera on rabbit eggs. Sacco AG, et al.
Biol Reprod 8:481-90, May 73
Open tubular heterogeneous enzyme reactors: preparation and kinetic behavior. Horvath C, et al.
Biotechnol Bioeng 14:885-914, Nov 72
Lymphocytotoxins in leukaemia. Dickson A.
Br Med J 4:209-11, 28 Oct 72
Substrate requirements for angiotensin I conversion in vivo and in vitro. Oparil S, et al.
Circ Res 32:415-23, Apr 73
Simple automated spectrophotometric method for assay of trypsin and chymotrypsin in duodenal juice. Vandermeers A, et al. **Clin Chem** 18:1514-7, Dec 72
Digestive processes of haematophagous insects--II. Trypsin from the sheep ked Melophagus ovinus (L.)

(hippoboscidae, diptera) and its inhibition by mammalian sera. Gooding RH.
Comp Biochem Physiol [B] 43:815-24, 15 Dec 72
Pancreatic islet transplantation in the rat. Leonard RJ, et al. **Diabetes 22:413-28, Jun 73**
On the regulation of the activity of immobilized enzymes. Microenvironmental effects of enzyme-generated pH changes. Gestrelius S, et al.
Eur J Biochem 36:89-96, 2 Jul 73
Degradation of adenovirus by isolated KB cell membranes. Boulanger PA, et al.
Exp Mol Pathol 17:326-33, Dec 72
Neural regulation of the structure of myosin. Jean DH, et al. **Exp Neurol 38:458-71, Mar 73**
Effect of secondary interaction on the enzymatic activity of subtilisin BPN': comparison with alpha-chymotrypsin, trypsin, and elastase. Morihara K, et al. **FEBS Lett 33:54-6, 15 Jun 73**
Effects of an elemental diet on the pancreatic proteases in the intestine of the mouse. Bounous G, et al. **Gastroenterology 64:577-82, Apr 73**
Growth stimulating effects of proteolytic enzymes on corneal tissues. Weimar VL, et al.
Isr J Med Sci 8:1531-6, Aug-Sep 72
Studies on the conversion of proinsulin to insulin. 3. Studies in vitro with a crude secretion granule fraction isolated from rat islets of Langerhans. Kemmler W, et al. **J Biol Chem 248:4544-51, 10 Jul 73**
Trypsin inactivation by intact Hymenolepis diminuta. Papas PW, et al. **J Parasitol 58:864-71, Oct 72**
Biochemical detection and activation of an inactive form of a trypsin-like enzyme in rabbit testes. Meizel S. **J Reprod Fertil 31:459-62, Dec 72**
The acrosome of the human spermatozoon: a new method for its extraction, and an analysis of its trypsin-like enzyme activity. Pedersen H.
J Reprod Fertil 31:99-107, Oct 72
The effect of thrombin and trypsin on calcium uptake by calf platelet membranes. Robblee LS, et al.
Microvasc Res 6:99-107, Jul 73
The catalytic function of trypsin with acylated active serine. Bresler SE, et al. **Mol Biol 5:1-11, Jan-Feb 71**
The amino-acid sequence of cytochrome c from Euglena gracilis. Pettigrew GW.
Nature 241:531-3, 23 Feb 73
Characterization of Heinz bodies in unstable haemoglobin haemolytic anaemia. Winterbourn CC, et al. **Nature (Lond) 240:150-2, 17 Nov 72**
Correlation between genetic and translational maps of gene 23 in bacteriophage T4. Cells JE, et al.
Nature [New Biol] 241:130-2, 31 Jan 73
Cell-free synthesis of histones directed by messenger RNA from sea urchin embryos. Gross K, et al.
Nature [New Biol] 241:272-4, 28 Feb 73
Amino-acid sequence of fragment 90-148 of human erythrocyte carbonic anhydrase B. Marriq C, et al.
Nature [New Biol] 241:276-7, 28 Feb 73
Role for a 2 -macroglobulin in haemostatic balance. Rinderknecht H, et al.
Nature [New Biol] 239:116-7, 27 Sep 72
Use of protection of 30S ribosomal proteins by tRNA for functional mapping of the E. coli ribosome. Rummel DP, et al.
Nature [New Biol] 245:72-5, 19 Sep 73
The amino-acid sequence at the carboxyl terminus of the maturation protein of bacteriophage MS2. Vandekerckhove J, et al.
Nature [New Biol] 241:102, 24 Jan 73
Exocrine pancreas function in premature and full term neonates. Zoppi G, et al. **Pediatr Res 6:880-6, Dec 72**
L-arginine and cystic fibrosis. Cotton EK, et al.
Pediatrics 57:586-8, Mar 73
IgA synthesis by jejunal biopsies from patients with cystic fibrosis and hereditary pancreatitis. Falchuk ZM, et al. **Pediatrics 51:49-54, Jan 73**
Investigations on the in vitro effect of antibiotics on the activity of the pancreatic enzymes. Machalski M, et al. **Pol Med J 11:856-61, 1972**
Partial duplication in the "hinge" region of IgA 1 myeloma proteins. Frangione B, et al.
Proc Natl Acad Sci USA 69:3673-6, Dec 72
Isolation and characterization of the S-carboxymethyl derivatives of crosslinked and noncrosslinked human fibrin. McDonagh RP, et al.
Proc Natl Acad Sci USA 69:3648-52, Dec 72
Translation of bacteriophage Q RNA by cytoplasmic extracts of mammalian cells. Morrison TG, et al.
Proc Natl Acad Sci USA 70:315-9, Feb 73
Initiation of picornavirus protein synthesis in ascites cell extracts. Oberg BF, et al.
Proc Natl Acad Sci USA 69:3589-93, Dec 72
Intracellular iron-binding macromolecules in HeLa cells. Robbins E, et al.
Proc Natl Acad Sci USA 69:3708-12, Dec 72
Covalent structure of bovine neurophysin-II: localization of the disulfide bonds. Schlesinger DH, et al. **Proc Natl Acad Sci USA 69:3350-4, Nov 72**
The nature of collagen in the carrageenin granuloma. Del Arenal P, et al.
Proc Soc Exp Biol Med 142:1031-5, Mar 73
Enzyme replacement therapy in the pancreatic duct ligated swine. Imondi AR, et al.
Proc Soc Exp Biol Med 141:367-72, Oct 72
Further characterization of a glucagon precursor from anglerfish islet tissue. Noe BD, et al.
Proc Soc Exp Biol Med 142:210-3, Jan 73
Experimental pancreatitis in the dog. Demonstration of trypsin in ascitic fluid, lymph and plasma. Ohlsson K, et al. **Scand J Gastroenterol 8:129-33, 1973**
The effects of bile salts on some coagulation components and related enzymes. Engel AM, et al.
Thromb Diath Haemorrh 27:594-609, 31 Jul 72
The effects of salts and of ionic strength on the hydrolysis of TAME (p-toluenesulfonyl-L-arginine methyl ester) by thrombin and thrombokinase. Roberts PS, et al.
Thromb Diath Haemorrh 27:573-83, 31 Jul 72
The tryptic peptides and terminal sequences of the protein from the cowpea strain of tobacco mosaic virus. Rees MW, et al. **Virology 50:772-7, Dec 72**
Action of different proteolytic enzymes on the surface of nucleated red cells. Wintzer G, et al.
Z Klin Chem Klin Biochem 9:266-8, May 71
Histochemical localization of production and secretion of trypsin in the earthworm Lumbricus terrestris. Bibighaus CL, et al.
Z Zellforsch Mikrosk Anat 130:429-39, 1972
[Trypsin and chymotrypsin activity of the intestinal contents in germ-free, monocontaminated and conventional rabbits] **Mališ F, et al.**
Cesk Gastroenterol Vyz 27:230-6, Jun 73 (Eng. Abstr.) (Cze)
[Recent data on exocrine pancreas enzymes] Desnuelle P. **C R Soc Biol (Paris) 166:238-53, 9 Nov 72 (Fre)**
[Transport of trypsin across rat intestinal wall in vitro] Faudemay F, et al.
Nutr Metab 15:207-12, 1973 (Eng. Abstr.) (Fre)
[Lipomatosis of the exocrine pancreas following D-penicillamine feeding of rats on choline deficiency diet] Perings E, et al.
Dtsch Med Wochenschr 98:1085-6, 25 May 73 (Ger)
[Kinetics of trypsin digestion of native lactate dehydrogenase from the porcine myocardium] Jeckel D, et al.
Hoppe Seylers Z Physiol Chem 353:719, May 72 (Ger)
[Diagnosis of the chronic exocrine pancreas insufficiency] Freudiger U.
Schweiz Arch Tierheilkd 114:476-87, Oct 72 (Eng. Abstr.) (Ger)
[Study of intramitochondrial inclusions by enzyme digestion] Zsuzsa S, et al.
Morphol Igazsagugyi Orv Sz 13:91-7, Apr 73 (Eng. Abstr.) (Hun)
[Development of the endocrine pancreas and differentiation of its function] Kanazawa Y, et al.
Clin Endocrinol (Tokyo) 21:147-55, Feb 73 (41 ref.) (Jap)
[Proteolytic enzymes and their inhibitors in chronic non-tuberculous diseases of the respiratory system] Chyrek-Borowska S, et al.
Pol Tyg Lek 28:915-8, 1973 (34 ref.) (Pol)
[Significance of enzymatic disorders in the etiopathogenesis of pancreatitis] Skibiński A, et al.
Pol Tyg Lek 28:223-6, 5 Feb 73 (20 ref.) (Pol)
[Enzymatic inactivation of neurohormones] Suska-Brzezińska E.
Postepy Biochem 18:473-87, 1972 (Pol)
[Enzyme deficiencies and malabsorption syndromes following non-specific chronic enteropathies and celiac disease in children] Pap Z, et al.
Pediatria (Bucur) 21:323-6, Jul-Aug 72 (Eng. Abstr.) (Rum)
[Characteristics of the elastolytic complex from Actinomyces rimosus--rimoprotelin] Rassulin IuA, et al.
Prikl Biokhim Mikrobiol 8:19-25, Jan-Feb 72 (Eng. Abstr.) (Rus)
[Comparative study of enzymatic indices of the pancreas in the serum and duodenal contents in

patients with ulcer disease treated in the health resort, Dzhermuk] Grigerian EG.
Ter Arkh 44:24-6, Oct 72 (Eng. Abstr.) **(Rus)**
[The kinin system in acute pancreatitis] Ognev IuV, et al. **Vestn Khir** 108:132-5, Sep 72 (22 ref.) **(Rus)**
[Activity of lipase and trypsin in the duodenal juice] Tošić S, et al.
Srp Arh Celok Lek 100:1033-9, Sep 72 (Eng. Abstr.) **(Ser)**

PHARMACODYNAMICS

Action mechanism in vitro of sensitized regional lymph node cells on target cell. II. Difference in the biological effect of regional lymph node cells of Ehrlich cancer transplanted mouse and that of normal lymph node cells induced by PHA, on Ehrlich cancer cell line (JTC-11 cell). Konaga E.
Acta Med Okayama 26:99-117, Aug 72
Studies on bovine viral diarrhea-mucosal disease virus. II. Stability and some physico-chemical properties. Hafez SM, et al. **Acta Virol (Praha)** 16:399-408, Sep 72
Factors influencing the penetration of corticosteroids through the epidermis. Polano MK, et al.
Adv Biol Skin 12:325-38, 1972 (19 ref.)
Hemoglobin Casper G8 106 leu leads to pro: further evidence that hemoglobin mutations are not random. Jones RT, et al. **Adv Exp Med Biol** 28:79-98, 1972
Two functionally different kininogens in human plasma. Seidel G. **Agents Actions** 3:12-9, May 73
Experimental manipulation of desmosome structure. Borysenko JZ, et al. **Am J Anat** 137:403-21, Aug 73
The role of the platelet membrane in platelet function. I. Blood coagulation. Glynn MF.
Am J Clin Pathol 60:309-13, Sep 73
Lymphotoxin in nonspecific inflammatory bowel disease lymphocytes. Shorter RG, et al.
Am J Dig Dis 18:79-83, Feb 73
Differentiation of blood group H in a human transformed cell line. Kuhns WJ, et al.
Am J Pathol 69:389-406, Dec 72
Adhesion of platelets to subendothelium. Baumgartner HR, et al. **Ann NY Acad Sci** 201:22-36, 27 Oct 72
Platelet interaction with fibrinogen and fibrin: comparison of the interaction of platelets with that of fibroblasts, leukocytes, and erythrocytes. Niewiarowski S, et al.
Ann NY Acad Sci 201:72-83, 27 Oct 72
Platelet adhesion. Spaet TH, et al.
Ann NY Acad Sci 201:13-21, 27 Oct 72
Microsomal electron transport. I. Reduced nicotinamide adenine dinucleotide phosphate-cytochrome c reductase and cytochrome P-450 as electron carriers in microsomal NADPH-peroxidase activity. Hrycay EG, et al.
Arch Biochem Biophys 157:7-22, Jul 73
Monkeypox virus (MPV). I. Propagation, purification, and further characterization. Yau TM, et al.
Arch Gesamte Virusforsch 39:140-50, 1972
The effect of ionising radiation on the incorporation of (2- 14 C) glycine into the proteins of epiderm and derm fractions of rat skin. Van der Schueren E, et al.
Arch Int Physiol Biochim 80:469-79, Aug 72
Effect of 2-deoxy-D-glucose on growth and cell walls of Schizosaccharomyces pombe 972h. Poole RK, et al.
Arch Mikrobiol 88:257-72, 1973
Acid-induced fusion of mammalian erythrocytes. Gancevici G, et al.
Arch Roum Pathol Exp Microbiol 31:449-52, Sep 72
Effect of pancreatic enzymes on protruding ileostomy stomas. Bessa SM, et al. **Arch Surg** 106:713-6, May 73
Effects of proteolytic enzymes on structural and mechanical properties of cartilage. Harris ED Jr, et al.
Arthritis Rheum 15:497-503, Sep-Oct 72
Effect of concanavalin A on the sensitivity of mouse L cell surface glycoproteins to proteolysis. Brown JC.
Biochem Biophys Res Commun 51:686-92, 2 Apr 73
Chitin synthetase activating factor from yeast, a protease. Cabib E, et al.
Biochem Biophys Res Commun 50:186-91, 4 Jan 73
Nature of the ribosomal binding site for initiation factor 3 (IF-3). Gualerzi C, et al.
Biochem Biophys Res Commun 52:792-9, 8 Jun 73
A factor stimulating the transcription by nucleolar RNA polymerase in the nucleolus of rat liver. Higashinakagawa T, et al.
Biochem Biophys Res Commun 48:937-44, 21 Aug 72
Correlation of rat liver membrane binding of polysomes in vitro with function of the complexes formed. Shires TK, et al.
Biochem Biophys Res Commun 50:344-51, 23 Jan 73
Inhibition of mitochondrial adenosine triphosphatase activity by traponin component, TN-I. Tamaura Y, et al. **Biochem Biophys Res Commun** 53:673-9, 17 Jul 73
A study of the cell surface of tumour, foetal and lymph-node cells by cell electrophoresis after antibody and enzymic treatment. Woo J, et al.
Biochem J 128:1273-84, Aug 72
Wheat-germ aspartate transcarbamoylase. The effects of ligands on the inactivation of the enzyme by trypsin and denaturing agents. Yon RJ.
Biochem J 131:699-706, Apr 73
Determination of blood kinin levels by radioimmunoassay. Mashford ML, et al.
Biochem Pharmacol 21:2727-35, 15 Oct 72
Soluble and membrane-bound pig liver mitochondrial monoamine oxidase: thermostability, tryptic digestability and kinetic properties. Oreland L, et al.
Biochem Pharmacol 21:2479-88, 15 Sep 72
Activation of a specific human plasma kininogenase with trypsin and plasmin. Seidel G, et al.
Biochem Pharmacol 22:929-37, 15 Apr 73
Interaction of wheat germ agglutinin and concanavalin A with isolated fat cells. Cuatrecasas P.
Biochemistry 12:1312-23, 27 Mar 73
Studies on the subunit structure of trypsin-activated phosphorylase kinase. Graves DJ, et al.
Biochemistry 12:580-5, Feb 73
Studies of the subunit structure of rabbit skeletal muscle phosphorylase kinase. Hayakawa T, et al.
Biochemistry 12:574-80, Feb 73
Autolytic enzyme system from Lactobacillus fermenti. Neujahr HY, et al. **Biochemistry** 12:2578-83, 3 Jul 73
Effect of trypsin on the exposed polypeptides and glycoproteins in the human platelet membrane. Phillips DR. **Biochemistry** 11:4582-8, 21 Nov 72
Effect of low levels of trypsin on erythrocyte membranes. Avruch J, et al.
Biochim Biophys Acta 291:494-505, 26 Jan 73
Ligand-induced conformational changes in the (Mg 2+ + Ca 2+)-dependent ATPase of red cell membranes. Bond GH. **Biochim Biophys Acta** 288:423-33, 2 Nov 72
Localization of enzymes by means of proteases. Brdiczka D, et al.
Biochim Biophys Acta 297:203-12, 28 Feb 73
The analysis of rat skeletal muscle mitochondria isolated by the method of tryptic lysis. Bullock GR, et al. **Biochim Biophys Acta** 292:350-9, 22 Feb 73
Membrane ATPase of Escherichia coli K 12. Selective solubilization of the enzyme and its stimulation by trypsin in the soluble and membrane-bound states. Carreira J, et al.
Biochim Biophys Acta 307:541-56, 25 May 73
Glucose transport by trypsin-treated red blood cell ghosts. Carter JR Jr, et al.
Biochim Biophys Acta 291:506-18, 26 Jan 73
The effects on cytochrome b-559HP and P546 of treatments that inhibit oxygen evolution by chloroplasts. Cox RP, et al.
Biochim Biophys Acta 283:124-35, 1972
Stimulation of glucose metabolism by lectins in isolated white fat cells. Czech MP, et al.
Biochim Biophys Acta 297:368-77, 28 Feb 73
Characteristics of the membrane transport of sugars in the lens of the eye. Elbrink J, et al.
Biochim Biophys Acta 282:337-51, 1 Sep 72
Phase changes in the lipid moieties of sarcoplasmic reticulum membranes induced by temperature and protein conformational changes. Eletr S, et al.
Biochim Biophys Acta 290:178-85, 1 Dec 72
Structure of excitable membranes formed on the surface of protoplasmic drops isolated from Nitella. I. Conformation of surface membrane determined from the refractive index and from enzyme actions. Inoue I, et al. **Biochim Biophys Acta** 298:653-63, 29 Mar 73
Proteolytic digestion of proteins of the milk fat globule membrane. Kobylka D, et al.
Biochim Biophys Acta 307:133-40, 25 Apr 73
The activation of renin in human amniotic fluid by proteolytic enzymes. Morris BJ, et al.
Biochim Biophys Acta 289:385-91, 7 Dec 72
Insulin binding to plasma membranes. Robinson CA Jr, et al. **Biochim Biophys Acta** 290:84-91, 1 Dec 72
Trypsin inhibition of electron transport. Selman BR, et al. **Biochim Biophys Acta** 292:568-81, 5 Apr 73
Extractability of lysozyme from bovine nasal cartilage. Sorgente N, et al.
Biochim Biophys Acta 284:441-50, 12 Oct 72
Adenylate cyclase of heart sarcotubular membranes.

Sulakhe PV, et al.
Biochim Biophys Acta 293:379-98, 15 Feb 73

Compressive behaviour of a physiological tissue. Sakata K, et al. **Biorheology** 9:173-84, Sep 72

Hemoglobin biosynthesis in murin virus-induced leukemic cells in vitro: structure and amounts of globin chains produced. Boyer SH, et al.
Blood 40:823-35, Dec 72

Hemoglobin biosynthesis in murine virus-induced leukemic cells in vitro: structure and amounts of globin chains produced. Boyer SH, et al.
Blood 40:823-35, Dec 72

Local production of colony-stimulating factor within the bone marrow: role of nonhematopoietic cells. Chan SH, et al. **Blood** 40:646-53, Nov 72

Surface bound immunoglobulins as a cell marker in human lymphoproliferative diseases. Preud'homme JL, et al. **Blood** 40:777-94, Dec 72

A new human low molecular weight granulocyte colony stimulating activity. Price GB, et al.
Blood 42:341-8, Sep 73

Rabbit heart valve basement membrane: low platelet reactivity. Suresh AD, et al. **Blood** 41:359-67, Mar 73

Membrane-mediated synthesis of tissue factor (thromboplastin) in cultured fibroblasts. Zacharski LR, et al. **Blood** 41:679-85, May 73

The lysis of paroxysmal nocturnal haemoglobinuria red cells by serum and cobra factor. Kabakçi T, et al.
Br J Haematol 23:693-705, Dec 72

A quantitative evaluation of the inhibition of platelet aggregation by low molecular weight degradation products of fibrinogen. Solum NO, et al.
Br J Haematol 24:419-34, Apr 73

Histamine release from the liver by trypsin. Tauber R, et al. **Br J Surg** 59:913, Nov 72

Non-osmotic swelling in purified bovine myelin. McIlwain DL. **Brain Res** 52:97-113, 30 Mar 73

Effect of noxious stimulants on bronchial reactivity. Islam MS, et al.
Bull Physiopathol Respir (Nancy) 8:509-18, May-Jun 72

Lactobacillus plantarum exoribonuclease: the effect of partial tryptic digestion on enzyme kinetics and the mode of degradation. Gardonio EC, et al.
Can J Biochem 51:412-20, Apr 73

Further observations on the effects of trypsin on the volume and functions of mitochondria isolated from normal liver and AH-130 Yoshida ascites hepatoma. Feo F, et al. **Cancer Res** 33:1804-12, Jul 73

In vivo effects of proteases on cell surface architecture and cell proliferation in the liver. Yamamoto K, et al.
Cancer Res 33:567-72, Mar 73

Distribution of a macrophage-specific antigen. Feldman JD, et al. **Cell Immunol** 5:325-37, Oct 72

Cellular immunity and blocking serum activity in chimeric mice. Hellström I, et al.
Cell Immunol 7:73-84, Apr 73

Studies on the recirculating cells in the mouse thymus. Jacobsson H, et al. **Cell Immunol** 5:107-21, Sep 72

Release of macrophage migration inhibitory factor(s) from lymphocytes stimulated by streptococcal preparations. Seravalli E, et al.
Cell Immunol 8:40-54, Jul 73

Mobilization of haemopoietic stem cells (CFU) into the peripheral blood of the mouse; effects of endotoxin and other compounds. Vos O, et al.
Cell Tissue Kinet 5:467-79, Nov 72

Repair of freezing damage in mammalian cells. McGann LE, et al. **Cryobiology** 9:496-501, Dec 72

Lipolytic effects of high concentrations of insulin on isolated fat cells. Enhancement of the response to lipolytic hormones. Lavis VR, et al.
Diabetes 22:629-36, Aug 73

Secretion of avian ultimobrachial calcitonin in organ culture. Reinblatt JD, et al.
Endocrinology 93:277-84, Aug 73

The amino acids of the cell wall of Mycobacterium tuberculosis var. bovis, strain BCG. Presence of a poly(L-glutamic acid). Wietzerbin-Falszpan J, et al.
Eur J Biochem 32:525-32, 1 Feb 73

Specific adsorption of cytotoxic thymus-processed lymphocytes (T cells) on glutaraldehyde-fixed fibroblast monolayers. Golstein P, et al.
Eur J Immunol 2:380-3, Aug 72

Macrophage-mediated cytotoxicity against allogeneic target cells in vitro. Lohmann-Matthes ML, et al.
Eur J Immunol 2:45-9, Feb 72

Subclasses of porcine immunoglobulins G. Production of subclass specific antisera with S-sulfonated gamma chains. Metzger JJ, et al.
Eur J Immunol 2:127-30, Apr 72

Modification of antibodies. I. The effect of the new modifying agent, dodecylsuccinic anhydride, on properties of IgG immunoglobulins. Starościk K, et al.
Eur J Immunol 2:62-8, Feb 72

The mechanism of C- and G-banding of chromosomes. Comings DE, et al. **Exp Cell Res** 77:469-83, 15 Mar 73

Interaction of polynucleotides with cultured mammalian cells. II. Cell surface charge density and RNA uptake. Mayhew E, et al.
Exp Cell Res 77:409-14, 15 Mar 73

Changes induced by concanavalin A in morphological and adhesive properties of suspension cells. Mori Y, et al. **Exp Cell Res** 78:360-6, Apr 73

Macrophage spreading in vitro. I. Inducers of spreading. Rabinovitch M, et al.
Exp Cell Res 77:323-34, 15 Mar 73

Toxoplasma gondii: trypsin treatment of trophozoites for enhanced immune cytolysis in the dye test. Suzuki M, et al. **Exp Parasitol** 33:433-6, Jun 73

Effect of some drugs on the chemotaxis of rabbit neutrophils in vitro. Borel JF.
Experientia 29:676-8, 15 Jun 73

Isolation of large sheets of frog skin epidermis. Hoshiko T, et al. **Experientia** 28:795-6, 15 Jul 72

Human red cells receptors and immune adherence haemagglutination. Schwartz J, et al.
Experientia 28:1097-8, 15 Sep 72

Evidence for chemical coding of color discrimination in goldfish brain. Ungar G, et al.
Experientia 28:1026-7, 15 Sep 72

Characterization of the chemotactic activity of casein for neutrophil leucocytes and macrophages. Wilkinson PC. **Experientia** 28:1051-2, 15 Sep 72

Evidence for an insulin receptor in muscle. Renner R.
FEBS Lett 32:87-90, 15 May 73

Insulin receptor of liver and fat cell membranes. Cuatrecasas P. **Fed Proc** 32:1838-46, Aug 73

Surface glycoproteins of cells before and after transformation by oncogenic viruses. Warren L, et al.
Fed Proc 32:80-5, Jan 73 (32 ref.)

Effect of trypsin treatment of mouse fibroblasts and their SV40-transformed cells on the agglutinability by several phytoagglutinins having different sugar-binding properties. Tomita M, et al.
Gann 63:269-71, Apr 72

Motility-inducing factors in alimentary tract solutions. Schofield GC, et al. **Gastroenterology** 62:268-74, Feb 72

The urophysial hydrosmotic factor of fishes. I. Characteristics and similarity to neurohypophysial hormones. Lacanilao F.
Gen Comp Endocrinol 19:405-12, Dec 72

Induction of spermiation in anurans by mammalian pituitary gonadotropins and their subunits. Licht P.
Gen Comp Endocrinol 20:522-9, Jun 73

Study into the mechanisms of damage of human placental syncytiotrophoblast. II. Histologic comparison of plasma-induced damage and specific enzymes-induced damage. Carr MC.
Gynecol Invest 3:203-14, 1972

The action of trypsin on human stored peripheral lymphocytes. Hough DW, et al.
Immunology 24:333-42, Feb 73

Dissociation of single cells from lung or kidney tissue with elastase. Phillips HJ. **In Vitro** 8:101-5, Sep-Oct 72

Factors associated with reaggregation of fresh water sponge cells: effect of trypsin. Mulherkar L, et al.
Indian J Exp Biol 10:236-7, May 72

Isolation and characterization of the antigen of Neisseria gonorrhoeae. Apicella MA, et al.
Infect Immun 7:315-21, Mar 73

Physicochemical properties of Neisseria meningitidis group X polysaccharide antigen. Apicella MA, et al.
Infect Immun 6:773-8, Nov 72

Inactivation of the hemagglutinins of type A influenza viruses by physical and chemical means: an aid to classification. Cleeland R, et al.
Infect Immun 5:324-31, Mar 72

Interaction of Actinomyces organisms with cationic polypeptides. I. Histochemical studies of infected human and animal tissues. Crawford JJ.
Infect Immun 4:632-41, Nov 71

An antiphagocytic factor associated with group E streptococcus. Daynes RA, et al.
Infect Immun 7:298-304, Feb 73

Classification of Neisseria meningitidis group B into distinct serotypes. IV. Preliminary chemical studies on the nature of the serotype antigen. Frasch CE, et al.
Infect Immun 6:674-81, Nov 72

Enhancement of phagocytosis by interferon-containing preparations. Huang KY, et al. **Infect Immun** 4:581-8, Nov 71

Properties of the enterotoxic component in Escherichia coli enteropathogenic for swine. Jacks TM, et al. **Infect Immun** 7:178-89, Feb 73

Serology of Streptococcus sanguis: localization of antigens with unlabeled antisera. Lai C, et al. **Infect Immun** 8:475-81, Sep 73

Response of interferon-treated cells to diphtheria toxin. Moehring TJ, et al. **Infect Immun** 4:747-52, Dec 71

Immunological and chemical studies of the streptococcal group O protein type antigens. Mukasa H, et al. **Infect Immun** 6:810-8, Nov 72

Extraction, purification, and chemical and immunological properties of the Streptococcus mutans group "a" polysaccharide cell wall antigen. Mukasa H, et al. **Infect Immun** 8:190-8, Aug 73

Purification of pneumolysin. Shumway CN, et al. **Infect Immun** 4:388-92, Oct 71

Chronic rabies virus infection of cell cultures. Wiktor TJ, et al. **Infect Immun** 6:988-95, Dec 72

Characterization of basement membrane antigens present in the urine of normal and nephritic rabbits. Boesken WH, et al. **Int Arch Allergy Appl Immunol** 43:232-51, 1972

Observations on lymphocytes bearing surface immunoglobulin in health and in disease. Holborow EJ, et al. **Int Arch Allergy Appl Immunol** 45:210-3, 1973

Lysis of antibody-treated human erythrocytes by human leukocytes and macrophages in tissue culture. Holm G. **Int Arch Allergy Appl Immunol** 42:671-82, 1972

Lysis of antibody-treated human erythrocytes by human leukocytes and macrophages in tissue culture. Holm G. **Int Arch Allergy Appl Immunol** 43:671-82, 1972

The mechanism of action of macrophage migration inhibitory factor (MIF). Pick E, et al. **Int Arch Allergy Appl Immunol** 45:295-8, 1973

Effects of SV40 virus on the chromosomes of poikilothermic cells (Gekko gecko) cultivated at different temperatures. Cohen MM, et al. **Int J Cancer** 9:618-25, 15 May 72

Transformation of leprous lymphocytes by leprolin, tuberculin and phytohemagglutinin. Han SH, et al. **Int J Lepr** 39:789-95, Oct-Dec 71

Preferential incorporation of tunicamycin, an antiviral antibiotic containing glucosamine, into the cell membranes. Takatsuki A, et al. **J Antibiot (Tokyo)** 25:362-4, Jun 72

Kinetic studies on the interaction of bacteriophage type 71 staphylococcal bacteriocin with susceptible bacteria. Dajani AS, et al. **J Bacteriol** 114:738-42, May 73

Nature and properties of a Staphylococcus epidermidis bacteriocin. Jetten AM, et al. **J Bacteriol** 112:243-50, Oct 72

Competence for deoxyribonucleic acid uptake and deoxyribonuclease action external to cells in the genetic transformation of Diplococcus pneumoniae. Lacks S, et al. **J Bacteriol** 114:152-63, Apr 73

Early events in development of streptococcal competence. Leonard CG. **J Bacteriol** 114:1198-205, Jun 73

Acetanilide-hydrolyzing esterase of rat liver microsomes. I. Solubilization, purification, and intramicrosomal localization. Akao T, et al. **J Biochem (Tokyo)** 72:1245-56, Nov 72

Interaction of concanavalin A and wheat germ agglutinin with the insulin receptor of fat cells and liver. Cuatrecasas P. **J Biol Chem** 248:3528-34, 25 May 73

Cocoonase. IV. Mechanism of activation of procococonase from Antheraea polyphemus. Felsted RL, et al. **J Biol Chem** 248:3012-20, 10 May 73

External labeling of cell surface galactose and galactosamine in glycolipid and glycoprotein of human erythrocytes. Gahmberg CT, et al. **J Biol Chem** 248:4311-7, 25 Jun 73

Rat brain tyrosine hydroxylase. Activation by limited tryptic proteolysis. Kuczenski R. **J Biol Chem** 248:2261-5, 10 Apr 73

Regulation of cell growth by cyclic adenosine 3',5'-monophosphate. Effect of cell density and agents which alter cell growth on cyclic adenosine 3',5'-monophosphate levels in fibroblasts. Otten J, et al. **J Biol Chem** 247:7082-7, 10 Nov 72

Characterization of the cell surface receptor for the Agaricus bisporus hemagglutinin. Presant CA, et al. **J Biol Chem** 247:6937-45, 10 Nov 72

Plasma membrane cyclic adenosine 3':5'-monophosphate phosphodiesterase of cultured cells and its modification after trypsin treatment of intact cells. Russell T, et al. **J Biol Chem** 248:5835-40, 25 Aug 73

Sialidase activity in transformed cells. Schengrund CL, et al. **J Biol Chem** 248:4424-8, 25 Jun 73

Association of glyceraldehyde 3-phosphate dehydrogenase with the human erythrocyte membrane. Effect of detergents, trypsin, and adenosine triphosphate. Shin BC, et al. **J Biol Chem** 248:1436-44, 25 Feb 73

Mitochondrial autonomy. Sialic acid residues on the surface of isolated rat cerebral cortex and liver mitochondria. Bosmann HB, et al. **J Cell Biol** 55:147-60, Oct 72

Isolation and structural studies on synaptic complexes from rat brain. Cotman CW, et al. **J Cell Biol** 55:696-711, Dec 72

Studies on cell adhesion. 3. Adhesion of baby hamster kidney cells. Grinnell F, et al. **J Cell Biol** 56:659-65, Mar 73

Anionic sites of human erythrocyte membranes. I. Effects of trypsin, phospholipase C, and pH on the topography of bound positively charged colloidal particles. Nicolson GL. **J Cell Biol** 57:373-87, May 73

Tetrodotoxin sensitivity of cultured embryonic heart cells depends on cell interactions. Sachs HG, et al. **J Cell Biol** 56:255-8, Jan 73

The interaction of particulate horseradish peroxidase (HRP)-anti HRP immune complexes with mouse peritoneal macrophages in vitro. Steinman RM, et al. **J Cell Biol** 55:616-34, Dec 72

Flow microfluorometric studies of lectin binding to mammalian cells. I. General features. Kraemer PM, et al. **J Cell Physiol** 81:305-14, Jun 73

Clone size variation in the human diploid cell strain, WI-38. Merz GS Jr, et al. **J Cell Physiol** 82:75-80, Aug 73

The effect of trypsin on membrane transport of non-electrolytes. Tsan MF, et al. **J Cell Physiol** 81:251-6, Apr 73

Stimulation of density-inhibited cell cultures by insulin. Vaheri A, et al. **J Cell Physiol** 81:355-64, Jun 73

Relationship between cytoagglutination and saturation density of cell growth. Weber J. **J Cell Physiol** 81:49-53, Feb 73

Arginine vasotocin-like activity of cerebrospinal fluid in diabetes insipidus. Coculescu M, et al. **J Clin Endocrinol Metab** 36:1031-2, May 73

Increased plasminogen activator (urokinase) in tissue culture after fibrin deposition. Bernik MB. **J Clin Invest** 52:823-34, Apr 73

The interaction of serum and arterial lipoproteins with elastin of the arterial intima and its role in the lipid accumulation in atherosclerotic plaques. Kramsch DM, et al. **J Clin Invest** 52:236-47, Feb 73

Simulation of tissue properties in irreversible diffuse obstructive pulmonary syndromes. Enzyme digestion. Martin CJ, et al. **J Clin Invest** 52:1918-24, Aug 73

Trypsin-like nature of the pancreatic factor that corrects vitamin B12 malabsorption associated with pancreatic dysfunction. Toskes PP, et al. **J Clin Invest** 52:1660-4, Jul 73

Trypsin-like nature of the pancreatic factor that corrects vitamin B 12 malabsorption associated with pancreatic dysfunction. Toskes PP, et al. **J Clin Invest** 22:1660-4, Jul 73

Lymphocyte transformation induced by autologous cells: stimulation by cultured lymphoblast lines. Weksler ME, et al. **J Clin Invest** 51:3124-32, Dec 72

Eimeria tenella: reproduction, pathogenicity and immunogenicity of a strain maintained in chick embryos by serial passage. Long PL. **J Comp Pathol** 82:429-37, Oct 72

Viral enhancement of mycoplasma growth in tracheal organ cultures. Reed SE. **J Comp Pathol** 82:267-78, Jul 72

In vitro fertilization and capacitation-like interaction in the hydroid Campanularia flexuosa. O'Rand MG. **J Exp Zool** 182:299-305, Dec 72

Properties and comparative starch-gel electrophoresis of megacins from several Bacillus megaterium strains. Donoghue HD. **J Gen Microbiol** 72:473-83, Oct 72

Effects of staphylococcal -toxin on the structure of erythrocyte membranes: a biochemical and freeze-etching study. Freer JH, et al. **J Gen Microbiol** 75:321-32, Apr 73

An esterase zymogram of Escherichia coli. Goullet P. J Gen Microbiol 77:27-35, Jul 73

Haemagglutination by type SAT 2 foot-and-mouth disease viruses. Booth JC, et al. J Gen Virol 19:397-404, Jun 73

Restoration of the fusion activity of L cell-borne Sendai virus by trypsin. Homma M, et al. J Gen Virol 19:423-6, Jun 73

Effect of diethyl pyrocarbonate on the biological acitivity of deoxyribonucleic acids isolated from bacteriophages. Kondorosi A, et al. J Gen Virol 16:373-80, Sep 72

Further investigation on the fine structure of influenza virus. Nermut MV. J Gen Virol 17:317-31, Dec 72

Transformation of staphylococci. Genetic transformation and state of competence in staphylococci. Markov KI, et al. J Hyg Epidemiol Microbiol Immunol (Praha) 17:89-94, 1973

The macrophage receptor for IgG: number and affinity of binding sites. Arend WP, et al. J Immunol 110:1455-63, Jun 73

Factors involved in the cytotoxicity of normal guinea pig serum for cells of murine tumor TA3 sublines treated with neuraminidase. Hughes RC, et al. J Immunol 111:1071-80, Oct 73

Isolation and characterization of the glycopeptides from a human immunoglobulin M. Hurst MM, et al. J Immunol 110:840-7, Mar 73

Physical association of two nuclear antigens and mutual occurrence of their antibodies: the relationship of the SM and RNAprotein (MO) systems in SLE sera. Mattioli M, et al. J Immunol 110:1318-24, May 73

Anti-C3a, anti-C3B (anti-B) and their reaction with the anaphylatoxic fragment C3a. Molenaar JL, et al. J Immunol 110:702-8, Mar 73

Cytotoxic activity of lymphocytes. I. Assay for cytotoxicity by rubidium exchange at isotopic equilibrium. Walker SM, et al. J Immunol 109:1223-32, Dec 72

Immunology of Escherichia coli: K antigen and its relation to urinary-tract infection. Kaijser B. J Infect Dis 127:670-7, Jun 73

Detection of cellular immunity to tumor antigens of a guinea pig hepatoma by inhibition of macrophage migration. Churchill WH, et al. J Natl Cancer Inst 48:541-9, Feb 72

Analysis of surface antigens on simian virus 40-transformed cells. II. Exposure of simian virus 40-induced antigens on transformed rabbit kidney and inbred hamster kidney cells by phospholipase C. Collins JJ, et al. J Natl Cancer Inst 51:115-34, Jul 73

Neuraminidase "unmasking" and failure of trypsin to "unmask" -D-galactose-like sites on erythrocyte, lymphoma, and normal and virus-transformed fibroblast cell membranes. Nicolson GL. J Natl Cancer Inst 50:1443-51, Jun 73

Surface culture of fetal mammalian brain cells: effect of subculture on morphology and choline acetyltransferase activity. Schrier BK. J Neurobiol 4:117-24, 1973

Availability to neuraminidase of gangliosides and sialoglycoproteins in neuronal membranes. Dicesane JL, et al. J Neurochem 20:1781-3, Jun 73

The effect of proteolytic enzymes on the induction of heterotopic bone formation by demineralized dentin in guinea pigs. Bang G, et al. J Oral Pathol 1:221-30, 1972

Structure of the oocyst and sporocyst walls and excystation of sporozoites of Isospora canis. Speer CA, et al. J Parasitol 59:35-40, Feb 73

Axon-Schwann cell interaction in the squid nerve fibre. Villegas J. J Physiol (Lond) 225:275-96, Sep 72

A new phagocytosis-stimulating tetrapeptide hormone, tuftsin, and its role in disease. Najjar VA, et al. J Reticuloendothel Soc 12:197-215, Aug 72

Study of envelope proteins in E. coli cet and recA mutants by SDS acrylamide gel electrophoresis. Holland IB, et al. J Supramol Struct 1:77-97, 1972

Structural and enzymatic analysis of the spore wall layers in Dictyostelium discoideum. Hemmes DE, et al. J Ultrastruct Res 41:406-17, Dec 72

Preparation and properties of an inhibitory extract from frog virus 3 particles. Aubertin AM, et al. J Virol 11:694-701, May 73

Cleavage of viral precursor proteins in vivo and in vitro. Korant BD. J Virol 10:751-9, Oct 72

Stimulation of aryl hydrocarbon hydroxylase induction in cell cultures by interferon. Nebert DW, et al. J Virol 11:193-7, Feb 73

Reverse banding in the human Y chromosome. Bühler EM, et al. Lancet 813:1178-9, 23 May 73

Reverse banding in the human Y chromosome. Bühler EM, et al. Lancet 1:1178-9, 26 May 73

Mechanism of trypsin chromosome banding. Chuprevich TW, et al. Lancet 1:484, 3 Mar 73

Interchromosomal fibres. Laća Z. Lancet 2:1367, 23 Dec 72

Presence of an antigonadotropic substance in rat pineal incubation media. Benson B, et al. Life Sci [I] 11:669-77, 15 Jul 72

Biological properties of esteroprotease isolated from the submaxillary gland of mice. Angeletti M, et al. Life Sci [II] 12:297-305, 8 Apr 73

Some characteristics of D-glucose uptake by isolated plasma membranes of rat white adipose tissue. Giacobino JP, et al. Life Sci [II] 11:763-71, 8 Aug 72

Partial characterization of mycobacteriophage R1 particles surviving chloroform treatment. Fleer MA, et al. Microbios 7:37-44, 1973

Mode of action of vibriocin: effects on membrane permeability and transport. Krol PM, et al. Microbios 6:199-211, Dec 72

The effect of thrombin and trypsin on calcium uptake by calf platelet membranes. Robblee LS, et al. Microvasc Res 6:99-107, Jul 73

In vitro methods for assessment of antibody-mediated tumor immunity. Levy NL, et al. Natl Cancer Inst Monogr 35:5-11, Dec 72

An adenovirus isolated from kidney cell culture of apparently normal piglet. Kawamura H, et al. Natl Inst Anim Health Q (Tokyo) 12:173-82, Winter 72

Wheat germ agglutinin blocks mammalian fertilization. Oikawa T, et al. Nature 241:256-9, 26 Jan 73

A new G-banding modification for metaphase chromosomes. Bosman FT, et al. Nature [New Biol] 241:216-7, 14 Feb 73

Ligand-induced redistribution of concanavalin A receptors on normal, trypsinized and transformed fibroblasts. De Petris S, et al. Nature [New Biol] 244:275-8, 29 Aug 73

Tyrosinase activity in subcellular fractions of black and albino mice. Hearing VJ. Nature [New Biol] 245:81-3, 19 Sep 73

Cell response to surface stimulation. Mallucci L. Nature [New Biol] 240:60-1, 8 Nov 72

Effect of trypsin on cell volume and mass. Mallucci L, et al. Nature [New Biol] 239:53-5, 13 Sep 72

Changes in sodium transport induced by the injection of proteases into squid axons. Mullins LJ, et al. Nature [New Biol] 243:222-3, 13 Jun 73

Topography of membrane concanavalin A sites modified by proteolysis. Nicolson GL. Nature [New Biol] 239:193-7, 18 Oct 72

Differentiation of HeLa cells with respect to blood group H antigen. Pann C, et al. Nature [New Biol] 240:22-4, 1 Nov 72

Changes in accessibility of plasma membrane protein as the result of tryptic hydrolysis. Phillips DR, et al. Nature [New Biol] 242:213-5, 18 Apr 73

Stimulation of release of lipoprotein lipase activity from isolated fat cells by rat serum. Stewart JE, et al. Nature [New Biol] 244:250-1, 22 Aug 73

Amino-acid sequence homologies between the NADP-dependent glutamate dehydrogenase of Neurospora and the bovine enzyme. Wootton JC, et al. Nature [New Biol] 241:42-3, 10 Jan 73

Dissociation of chick embryo spinal ganglia and the effects on cell yields by the mouse 7S nerve growth factor protein. Varon S, et al. Neurobiology 2:106-22, 1972

The production of congenital malformations using tissue antisera. X. Effectiveness of kidney antigens treated with neuraminidase or trypsin. Leung CC, et al. Pediatr Res 6:822-31, Nov 72

125 I-labeled DNA-RNA hybrids in cytological preparations. Altenburg LC, et al. Proc Natl Acad Sci USA 70:1536-9, May 73

Mechanism of interferon uptake in parental and somatic monkey-mouse hybrid cells. Chany C, et al. Proc Natl Acad Sci USA 70:557-61, Feb 73

Correlation between rates of degradation of bacterial proteins in vivo and their sensitivity to proteases. Goldberg AL. Proc Natl Acad Sci USA 69:2640-4, Sep 72

Biosynthesis of reticulocyte membrane proteins by membrane-free polyribosomes. Lodish HF. Proc Natl Acad Sci USA 70:1526-30, May 73

Change in cell-surface glycoproteins of mouse embryos

before implantation. Pinsker MC, et al. **Proc Natl Acad Sci USA** 70:1645-8, Jun 73

A comparative evaluation of the distribution of concanavalin A-binding sites on the surfaces of normal, virally-transformed, and protease-treated fibroblasts. Rosenblith JZ, et al. **Proc Natl Acad Sci USA** 70:1625-9, Jun 73

Stereospecific binding of the potent narcotic analgesic (3H) Etorphine to rat-brain homogenate. Simon EJ, et al. **Proc Natl Acad Sci USA** 70:1947-9, Jul 73

Affinity binding of intact fat cells and their ghosts to immobilized insulin. Soderman DD, et al. **Proc Natl Acad Sci USA** 70:792-6, Mar 73

Appearance in trypsinized normal cells of reactivity with antibody presumably specific for malignant cells. Tarro G. **Proc Natl Acad Sci USA** 70:325-7, Feb 73

Induction of antinuclear antibodies in (CxB6) F1 mice inoculated with Graffi and Rauscher leukemogenic viruses. Cannat A, et al. **Proc Soc Exp Biol Med** 141:1077-80, Dec 72

Histidine decarboxylase activity of bovine aortic endothelium and intima-media. Hollis TM, et al. **Proc Soc Exp Biol Med** 141:978-81, Dec 72

Further characterization and species specificity of leukocytic endogenous mediator (LEM). Pekarek RS, et al. **Proc Soc Exp Biol Med** 141:643-8, Nov 72

Neuroblastoma cell culture: membrane changes during cyclic AMP-induced morphological differentiation. Prasad KN, et al. **Proc Soc Exp Biol Med** 141:240-3, Oct 72

Serological studies of enzyme-treated murine lymphoid cells. Ray PK, et al. **Proc Soc Exp Biol Med** 142:846-52, Mar 73

Disulfide-toxicity relationship of botulinal toxin types A, E, and F. Sugiyama H, et al. **Proc Soc Exp Biol Med** 143:589-91, Jul 73

Purification of human elastase. Trowbridge JO, et al. **Proc Soc Exp Biol Med** 141:928-31, Dec 72

The effect of capping by anti-immunoglobulin antibody on the expression of cell surface immunoglobulin and on lymphocyte activation. Elson CJ, et al. **Scand J Immunol** 2:143-9, 1973

Immunological characterization of lymphocytes in synovial fluid from patients with rheumatoid arthritis. Froland SS, et al. **Scand J Immunol** 2:67-73, 1973

Antigenic and immunological characteristics of tryptic and chymotryptic subfragments from the C 3 homology region of human immunoglobulin G. Turner MW, et al. **Scand J Immunol** 1:53-62, 1972

Biosynthesis of a vasotocin-like peptide in cell cultures from pineal glands of human fetuses. Pavel S, et al. **Science** 181:1252-3, 28 Sep 73

Studies on the role of fibrinolysis and fibrinogen degradation products (FDP) in analgesic action of morphine. Buczko W, et al. **Thromb Diath Haemorrh** 28:359-66, 31 Dec 72

Measurement of fibrin proteolysis in vivo by a radioactive fibrin-millipore tube technique. Cihak RW, et al. **Thromb Diath Haemorrh** 27:634-43, 31 Jul 72

Structure-activity relationships for the inhibition of plasmin and plasminogen activation by aromatic diamidines and a study of the effect of plasma proteins on the inhibition process. Geratz JD. **Thromb Diath Haemorrh** 29:154-67, 28 Feb 73

Aggregation in vitro of immature thrombocytes from early chick embryos. Greenberg JH. **Thromb Diath Haemorrh** 28:14-23, 31 Aug 72

Studies on the activation of human factor XIII. Sheltawy MJ, et al. **Thromb Diath Haemorrh** 28:473-82, 31 Dec 72

Further studies on agglutinability of M and MN blood group red cells treated with a proteolytic enzyme. Sagisaka K, et al. **Tohoku J Exp Med** 106:373-9, Apr 72

Tyrosinase in melanized melanosomes. Seiji M, et al. **Tohoku J Exp Med** 108:291-302, Nov 72

Venoms and enzymes: effects of permeability of isolated single electroplax. Rosenberg P. **Toxicon** 11:149-54, Feb 73

A factor toxic to crustacean in the venom of the scorpion Androctonus australis Hector. Zlotkin E, et al. **Toxicon** 10:211-6, May 72

Surface immunoglobulins on circulating lymphocytes in mouse and human plasmacytoma. Heller P, et al. **Trans Assoc Am Physicians** 85:192-202, 1972

Nonspecific warm hemolysins of papain-treated cells: serologic characterization and transfusion risk. Bell CA, et al. **Transfusion** 13:207-13, Jul-Aug 73

Intraoperative blood transfusions and hyperacute renal allograft rejection in a presensitized recipient. Braun WE, et al. **Transfusion** 12:348-51, Sep-Oct 72

Presensitization detected by sensitive crossmatch tests. Ting A, et al. **Transplant Proc** 5:813-7, Mar 73

Diversity of T cells recognizing transplantation antigens: mechanism of antigen recognition. Wekerle H, et al. **Transplant Proc** 5:133-6, Mar 73

Purification and characterization of lymphocyte mediators in cellular immunity: comparative studies on migration inhibitory factor (MIF) chemotactic factor for macrophages and lymphotoxin. Remold HG. **Transplant Rev** 10:152-76, 1972

Interactions between modified phage T4 particles and spheroplasts. Benz WC, et al. **Virology** 53:225-35, May 73

The infectivity of the two electrophoretic forms of cowpea mosaic virus. Geelen JL, et al. **Virology** 51:279-86, Feb 73

The role of sensitizing antibody in the neutralization of equine arteritis virus by complement or anti-IgG serum. Radwan AI, et al. **Virology** 53:366-71, Jun 73

Limited proteolysis of potato virus X by trypsin and plant proteases. Tremaine JH, et al. **Virology** 49:735-44, Sep 72

Studies on naturally occurring warm haemolysins and haemagglutinins active against trypsinized red cells. Reproduction of the phenomena. Camoens H, et al. **Vox Sang** 24:283-6, Mar 73

Studies on the agglutinin accompanying the warm haemolysin active against trypsinized red cells. Heisto H. **Vox Sang** 24:12-20, Jan 73

A new rare blood group antigen, Je a . Skov F. **Vox Sang** 23:461-3, 1972

Demonstration of HL-A antigens on human kidney cells by means of the micro-immune adherence assay. Sybesma JP, et al. **Vox Sang** 24:289-300, Apr 73

Agglutination of normal, coated and enzyme-treated human spermatozoa with heterophile agglutinins. Uhlenbruck G, et al. **Vox Sang** 23:444-51, 1972

Early stages in the reorganization of dissociated embryonic chick skeletal muscle cells. Shimada Y. **Z Anat Entwicklungsgesch** 138:255-64, 1972

[Several aspects of the predentin role in the differentiation of ameloblasts] Ruch JV, et al. **Arch Anat Microsc Morphol Exp** 61:127-38, Apr-Jun 72 (Eng. Abstr.) **(Fre)**

[Pineal body of the genus Lacerta (reptile, lacertilian): effect of proteolytic enzymes on dense granulations (500-3400 A) of the rudimentary photoreceptors] Collin JP, et al. **C R Soc Biol (Paris)** 166:370-4, 9 Nov 72 **(Fre)**

[Incorporation of tritiated thymidine by urchin embryos in the presence of trypsin] Wolfson N, et al. **C R Soc Biol (Paris)** 166:1231-3, 1972 **(Fre)**

[In vitro effect of ethanol on trypsin activity and plasma and serum proteolytic inhibitors] Laporte JC. **Nutr Metab** 14:271-81, 1972 (Eng. Abstr.) **(Fre)**

[Effect of trypsin and trypsin inhibitors on pancreatic secretion] Laporte JC, et al. **Nutr Metab** 15:192-206, 1973 (Eng. Abstr.) **(Fre)**

[Current clinical problems in acute hepatitis] Emmrich R. **Dtsch Z Verdau Stoffwechselkr** 32:29-35, 1972 **(Ger)**

[Studies on the effect of trypsin administration on erythrocyte elimination in the rat] Helmke U. **Folia Haematol (Leipz)** 98:346-53, 1972 (Eng. Abstr.) **(Ger)**

[Effect of trypsin treatment on erythrocyte elimination in simultaneous inhibition of erythropoiesis] Helmke U. **Folia Haematol (Leipz)** 99:223-9, 1973 (Eng. Abstr.) **(Ger)**

[Metabolic effects of arginine derivatives. 3. Insulin-like activity of L-arginine-N,N-dialkylamides in vitro] Weitzel G, et al. **Hoppe Seylers Z Physiol Chem** 353:1661-70, Nov 72 (Eng. Abstr.) **(Ger)**

[Pancreatic enzymes--substitution preparations] Berndt W. **Z Allgemeinmed** 48:1641-4, 20 Dec 72 **(Ger)**

[Do aerobic sporers contain endotoxins which can be activated by trypsin digestion?] Hellmann E. **Zentralbl Bakteriol [Orig A]** 221:206-20, Jul 72 (Eng. Abstr.) **(Ger)**

[Biochemical, physiopathological and clinical aspects of platelet adhesiveness] Gandolfo GM. **Recent Prog Med (Roma)** 52:596-630, Jun 72 **(Ita)**

[Analgetic action of morphine associated with increased intensity of kininogenesis in acute pancreatitis] Braszko J, et al. **Pol Tyg Lek** 28:1108-11, 16 Jul 73 (Eng. Abstr.) **(Pol)**

[Alpha-1-antitrypsin of blood serum: its biochemical

properties, inborn deficiencies and biological functions] Koj A.
Przegl Lek 29:699-705, 1972 (76 ref.) **(Pol)**
[Influence of proteases on functional systems. Further aspects of the metabolic action of trypsin. II] Mirza A, et al.
Fiziol Norm Patol 18:507-12, Nov-Dec 72 (Eng. Abstr.) **(Rum)**
[A new biological variant (modification) of a strain of influenza A 2-Hong Kong-1-68 virus obtained by adaptation in C3H hybrid mice] Moisa I.
Stud Cercet Virusol 24:85-94, 1973 (Eng. Abstr.) **(Rum)**
[Mechanisms of functional changes with varying blood levels of pancreatic external secretion components] Bannikova NA.
Fiziol Zh SSSR 58:1441-7, Sep 72 (Eng. Abstr.) **(Rus)**
[Study of the state of DNA in giant chromosomes by luminescent microscopy] Smirnov AF, et al.
Tsitologiia 14:1205-11, Oct 72 (Eng. Abstr.) **(Rus)**
[The agglutination of erythrocytes treated with trypsin with rubella virus antigen] Kulish EA, et al.
Vopr Virusol 18:181-4, Mar-Apr 73 (Eng. Abstr.) **(Rus)**
[Isolation and characterization of an high-molecular tryptic fibrinogen fragment--an inhibitor of fibrin polymerization] Belitser VO, et al.
Ukr Biokhim Zh 44:411-7, 1972 (Eng. Abstr.) **(Ukr)**
[Peptide mapping of human gamma G globulin] Kostrzhevs'ka OG, et al.
Ukr Biokhim Zh 43:424-7, Jul-Aug 71 (Eng. Abstr.) **(Ukr)**
[Comparative characteristics of the primary structure of serum albumin and fraction O.35-O.5 of muscle protein in calves and old cows] Radlovs'ka ZT, et al.
Ukr Biokhim Zh 43:557-62, Sep-Oct 71 (Eng. Abstr.) **(Ukr)**
[Changes in the structure of serum albumin in thyroid gland dysfunction] Selivanova KF, et al.
Ukr Biokhim Zh 43:411-8, Jul-Aug 71 (Eng. Abstr.) **(Ukr)**
[Hydrolysis of the collagen from calf hide by a crystalline protease of Streptomyces griseus] Tsyperovich AS, et al.
Ukr Biokhim Zh 45:151-5, Mar-Apr 73 (Eng. Abstr.) **(Ukr)**
[Physicochemical properties of a tryptic fibrinogen fragment--an inhibitor of fibrin polymerization] Varets'ka TV, et al.
Ukr Biokhim Zh 44:418-23, 1972 (Eng. Abstr.) **(Ukr)**

PHYSIOLOGY

Human sperm acrosomal proteinase: antibody inhibition and immunologic dissimilarity to human pancreatic trypsin. Zaneveld LJ, et al.
Fertil Steril 24:479-84, Jun 73
Enterokinase in human duodenal juice following secretin and pancreozymin and its relationship to bile salts and trypsin. Moss S, et al. **Gut** 13:851, Oct 72
Control of polypeptide hormones by enzymatic degradation. Knights EB, et al.
Lancet 2:719-23, 29 Sep 73
[The unsolved problem of proteopepsis in the stomach] Buchs S.
Dtsch Med Wochenschr 98:1372-6, Jul 73 **(Ger)**
[Mediators in shock processes: pathogenetic and therapeutic problems] Habermann E.
Verh Dtsch Ges Inn Med 77:1221-9, 1971 (19 ref.) **(Ger)**
[Immunologic aspects of non-specific lymphocyte stimulation] Jaroszewski J.
Acta Haematol Pol 2:265-76, Jul-Sep 71 (98 ref.) **(Pol)**
[Migration inhibition test and its use in studies on delayed allergy] Moskalewska K.
Przegl Dermatol 59:677-82, Sep-Oct 72 (47 ref.) **(Pol)**

RADIATION EFFECTS

The destruction of tryptophanyl residues in trypsin by 280-nm radiation. Volkert WA, et al.
Photochem Photobiol 17:9-16, Jan 73
[Phototransformation of free radicals in polycrystalline proteins due to UV-radiation. Formation of peptide group radicals] Sud'bina EN, et al. **Biofizika** 18:611-7, Jul-Aug 73 (Eng. Abstr.) **(Rus)**
[Influence of the conformational lability of proteins on their ultraviolet photosensitivity] Volotovskiĭ ID, et al. **Biofizika** 17:581-7, Jul-Aug 72 (Eng. Abstr.) **(Rus)**

SECRETION

An investigation of the role of intraluminal proteolytic enzymes and intracellular enzyme inhibitors in ulcerative colitis. Goldberg DM, et al.
Br J Exp Pathol 53:359-73, Aug 72
Does the vagal nerve-supply to the pancreas matter in man? Smith RB, et al. **Br J Surg** 60:318, Apr 73
Ratio of chymotrypsin to trypsin in human duodenal aspirate. Goldberg DM, et al. **Digestion** 8:101-9, 1973
Differing sensitivities of gallbladder and pancreas to cholecystokinin-pancreozymin (CCK-PZ) in man. Malagelada JR, et al.
Gastroenterology 64:950-4, May 73
Effects of an elemental diet in healthy volunteers. Perrault J, et al. **Gastroenterology** 64:569-76, Apr 73
Relations between pancreatic enzyme ouputs and malabsorption in severe pancreatic insufficiency. DiMagno EP, et al. **N Engl J Med** 288:813-5, 19 Apr 73
Differences in insulin, growth hormone and pancreatic enzyme secretion after intravenous and intraduodenal administration of mixed amino acids in man. Raptis S, et al. **N Engl J Med** 288:1199-202, 7 Jun 73
The influences of acute hyper- and hypocalcemia and of calcitonin on exocrine pancreatic function in man. Hotz J, et al. **Res Exp Med (Berl)** 160:152-65, 1973
Effects of a beta-adrenergic receptor stimulant (isoproterenol) on pancreatic exocrine secretion. Rudick J, et al. **Surgery** 74:338-43, Sep 73
Histochemical localization of production and secretion of trypsin in the earthworm Lumbricus terrestris. Bibighaus CL, et al.
Z Zellforsch Mikrosk Anat 130:429-39, 1972
[Effect of vagotomy on the functioning of organs participating in fat digestion and resorption] Krajka K. **Pol Przegl Chir** 44:1829-33, Dec 72 (30 ref.) **(Pol)**
[Exocrine function of the pancreatic parenchyma and the duct system in post-viral active chronic hepatitis] Cosma V, et al.
Med Interna (Bucur) 24:1517-24, Dec 72 (Eng. Abstr.) **(Rum)**
[Effect of the high-frequency electrotherapy on the external secretory function of the pancreas] Korepanov AM.
Vrach Delo 2:16-9, Feb 73 (Eng. Abstr.) **(Rus)**

STANDARDS

[Pancreatic enzymes--substitution preparations] Berndt W. **Z Allgemeinmed** 48:1641-4, 20 Dec 72 (Ger)

THERAPEUTIC USE

Trypsin aerosol treatment of pulmonary alveolar proteinosis. Case report. Riker JB, et al.
Am Rev Respir Dis 108:108-13, Jul 73
[Enzymatic activity of drugs used for pancreatic substitution therapy--analysis in vitro] Mališ F, et al.
Cesk Gastroenterol Vyz 27:89-97, Mar 73 (Eng. Abstr.) **(Cze)**
[Edema after amputation of the tooth apex and surgical extraction of lower wisdom teeth] Ochonský P.
Cesk Stomatol 73:60-6, Jan 73 (Eng. Abstr.) **(Cze)**
[Studies on the effect of trypsin administration on erythrocyte elimination in the rat] Helmke U.
Folia Haematol (Leipz) 98:346-53, 1972 (Eng. Abstr.) **(Ger)**
[Pancreatic enzymes--substitution preparations] Berndt W. **Z Allgemeinmed** 48:1641-4, 20 Dec 72 (Ger)
[Studies on efficiency of the digestive enzyme trypsin in inflammations and abscess formation in tooth, mouth and jaw region with special reference to administration in root canal therapy] Bernhardt H.
ZWR 82:397-8, 25 Apr 73 **(Ger)**
[Therapy of some gynecological phlogoses with a polyenzymatic combination] Ragni N, et al.
Minerva Ginecol 25:218-24, Apr 73 (Eng. Abstr.) **(Ita)**
[Chronic bronchitis (considerations on a series of hospitalized patients)] Pîrvulescu P, et al.
Ftiziologia 21:297-309, May-Jun 72 (Eng. Abstr.) **(Rum)**
[The effects of the proteolytic enzymes trypsin and chymopsin on intervertebral disks under experimental conditions] Avakian AV.
Eksp Khir Anesteziol 17:23-5, Sep-Oct 72 (Eng. Abstr.) **(Rus)**
[Use of proteolytic enzymes in the treatment of inflammatory diseases of the soft tissues] Chudakov MI, et al.

Khirurgiia (Mosk) 49:87-91, Feb 72 (Eng. Abstr.) (Rus)

[Proteolytic enzymes in treating acute thrombophlebitis of hemorrhoidal nodes] Geller AN. **Khirurgiia (Mosk)** 49:64-5, Feb 72 (Eng. Abstr.) (Rus)

[The phenomenon of local leukocytosis during enzyme therapy of inflammatory infiltrates] Vernik SD. **Vestn Khir** 108:42-4, Aug 72 (Eng. Abstr.) (Rus)

[Use of proteolytic enzymes for prevention of postoperative adhesions in the abdominal cavity] Zhenchevskif RA. **Vestn Khir** 108:48-53, Oct 72 (Eng. Abstr.) (Rus)

[Current treatment of various forms of chronic otitis] Mezić V. **Srp Arh Celok Lek** 100:1081-5, Sep 72 (Ser)

[Double blind test on the anti-inflammatory effect of proteolytic enzymes] Bazerque PM, et al. **Medicina (B Aires)** 32:357-62, Jul-Aug 72 (Eng. Abstr.) (Spa)

URINE

The twenty-four excretion of trypsin and trypsinogen in the urine. Romero F, et al. **Ann Surg** 176:154-8, Aug 72

Urinary excretion and metabolism of trypsin and trypsinogen: experimental study. Romero F, et al. **Ann Surg** 176:149-53, Aug 72

TRYPSIN INHIBITORS

Inhibition of trypsin and thrombin by amidinophenyl esters of aromatic carboxylic acids. Markwardt F, et al. **Acta Biol Med Ger** 28:k19-25, 1972

The fibrinolytic enzyme system in malignant lymphomas. Ogston D, et al. **Acta Haematol (Basel)** 49:89-95, 1973

Neonatal cholestasis in alpha-1-antitrypsin deficient children. Clinical, genetic, histological and immunohistochemical findings. Aagenaes O, et al. **Acta Paediatr Scand** 61:632-42, Nov 72

Studies on serum Pi- and C3-polymorphism in Finland. Arvilommi H. **Acta Pathol Microbiol Scand [B]** 234:Suppl 234:1-50, 1972

The effects of peptide-precipitating lignosulphonic acids on the in vitro proteolytic activity of some animal and microbial proteinases. Naess B, et al. **Acta Vet Scand** 14:107-17, 1973

Alpha 1 antitrypsin deficiency in association with both cirrhosis and chronic obstructive lung disease in two sibs. Glasgow JF, et al. **Am J Med** 54:181-94, Feb 73

Cardiopulmonary function in 1 -antitrypsin heterozygotes exposed to severe air pollution. Szczeklik A, et al. **Am Rev Respir Dis** 107:289-91, Feb 73

Structure and function of natural proteinase inhibitors. Tschesche H. **Angew Chem [Engl]** 12:510-1, Jun 73

X-ray studies of protein mechanisms. Dickerson RE. **Annu Rev Biochem** 41:815-42, 1972 (43 ref.)

Survival of animal tissue cells in primary culture in the absence of serum. Orr HC, et al. **Appl Microbiol** 25:49-54, Jan 73

Thermal transitions of proteins. Bull HB, et al. **Arch Biochem Biophys** 156:604-12, Jun 73

Nutritional value of commercially produced foods for infants. Sarett HP. **Bibl Nutr Dieta** 18:246-66, 1973 (43 ref.)

Heterogeneity of subfragment-1 preparations from myofibril digestion by trypsin. Cardinaud R, et al. **Biochem Biophys Res Commun** 52:1057-63, 8 Jun 73

Cooperative transitions between active -and -trypsin conformations. Gabel D, et al. **Biochem Biophys Res Commun** 48:1011-8, 21 Aug 72

Activity variation between and within two soybean trypsin inhibitor electrophoretic forms. Clark RW, et al. **Biochem Genet** 6:169-82, Apr 72

Studies on ovomucoid: hydrogen ion equilibrium in the acid pH range. Waheed A, et al. **Biochem J** 128:49P, Jun 72

Inactivation of the first component of human complement by m-(o-(2-chloro-5-fluorosulfonylphenylureido)-phenoxybutoxy)benzamidine. Bing DH, et al. **Biochemistry** 11:4263-8, 7 Nov 72

Derivative sspectroscopy applied to tyrosyl chromophores. Studies on ribonuclease, lima bean inhibitors, insulin, and pancreatic trypsin inhibitor. Brandts JF, et al. **Biochemistry** 12:2011-24, 8 May 73

Leaving group specificity in the chymotrypsin-catalyzed hydrolysis of peptides. A stereochemical interpretation. Fersht AR, et al. **Biochemistry** 12:2035-41, 22 May 73

Peptide-bond hydrolysis equilibria in the antitrypsin site of lima bean protease inhibitor. Krahn J, et al. **Biochemistry** 12:1330-5, 27 Mar 73

Human pancreatic enzymes. Characterization of anionic huyman trypsin. Mallory PA, et al. **Biochemistry** 12:2847-51, 17 Jul 73

The relation of the -amino group of trypsin to enzyme function and zymogen activation. Robinson NC, et al. **Biochemistry** 12:420-6, 30 Jan 73

Thermodynamics and kinetics of the reactive site peptide-bond hydrolysis in bovine pancreatic secretory trypsin inhibitor (Kazal). Sealock RW, et al. **Biochemistry** 12:3139-46, 14 Aug 73

Interaction between proteases and bovine erythrocyte membranes. Burkholder DE, et al. **Biochim Biophys Acta** 282:135-45, 1 Sep 72

The involvement of an arginine residue of trypsin in its interaction with the Kunitz soybean trypsin inhibitor. Delarco JE, et al. **Biochim Biophys Acta** 303:274-83, 20 Apr 73

Pyrrolooxygenase: its action on tryptophan-containing enzymes and peptides. Frydman RB, et al. **Biochim Biophys Acta** 284:80-9, 19 Sep 72

The application of immobilized enzymes in flow microcalorimetry. Johansson A, et al. **Biochim Biophys Acta** 304:217-21, 30 Mar 73

On the physiological role of 2 -macroglobulin. Rinderknecht H, et al. **Biochim Biophys Acta** 295:233-44, 25 Jan 73

Further evidence for the multispecificity of snail agglutinins: investigations on the Pomacea urceus protectin. Uhlenbruck G, et al. **Blut** 25:335-7, Nov 72

Alpha-1-antitrypsin deficiency and pulmonary emphysema: the role of proteolytic enzymes and their inhibitors. Hutchison DC. **Br J Dis Chest** 67:171-96, Jul 73 (103 ref.)

Further studies on the nature of the components in serum which inhibit mouse bone collagenase. Sakamoto S, et al. **Calcif Tissue Res** 10:280-8, 1972

Reduction and reactivation of the Bowman-Birk soybean inhibitor. Hogle JM, et al. **Can J Biochem** 51:1014-20, Jul 73

Lima bean protease inhibitor: reduction and reoxidation of the disulfide bonds and their reactivity in the trypsin-inhibitor complex. Stevens FC, et al. **Can J Biochem** 51:1021-8, Jul 73

Pancreatic trypsin inhibitor (Kunitz). I. Structure and function. Huber R, et al. **Cold Spring Harbor Symp Quant Biol** 36:141-8, 1971

Pancreatic trypsin inhibitor (Kunitz). II. Complexes with proteinases. Rühlmann A, et al. **Cold Spring Harbor Symp Quant Biol** 36:148-50, 1971

The crystal and molecular structure of DIP-inhibited bovine trypsin at2.7Angstrom resolution. Stroud RM, et al. **Cold Spring Harbor Symp Quant Biol** 36:125-40, 1971

The inhibition of trypsin and some other proteases by ovorubin, a protein from the eggs of Pomacea canaliculata. Norden DA. **Comp Biochem Physiol [B]** 42:569-76, 15 Aug 72

The evolution of endopeptidases. XIV. Non-tryptic cleavage specificity of a BAEE-hydrolyzing enzyme (-protease) from tenebrio molitor. Zwilling R, et al. **Comp Biochem Physiol [B]** 43:419-24, 15 Oct 72

Perfusion lung scan patterns in patients with pulmonary embolism, emphysema & pulmonary edema. Gilday DL, et al. **CRC Crit Rev Radiol Sci** 3:321-61, 1972 (76 ref.)

The effect of limited proteolysis of chicken ovoinhibitor by bovine chymotrypsin on the inhibitory activities against trypsin, chymotrypsin and elastase. Feinstein G, et al. **Eur J Biochem** 31:25-31, 21 Nov 72

Purification and properties of an inhibitor of the tryptophan-synthase-inactivating enzymes in yeast. Ferguson AR, et al. **Eur J Biochem** 32:444-50, 1 Feb 73

The denaturation by urea and guanidinium chloride of trypsin and N-acetylated-trypsin derivatives bound to Sephadex and agarose. Gabel D. **Eur J Biochem** 33:348-56, 1 Mar 73

Studies on soybean trypsin inhibitors. 3. Amino-acid sequences of the carboxyl-terminal region and the complete amino-acid sequence of soybean trypsin inhibitor (Kunitz). Koide T, et al. **Eur J Biochem** 32:417-31, 1 Feb 73

Studies on soybean trypsin inhibitors. 1. Fragmentation of soybean trypsin inhibitor (Kunitz) by limited

proteolysis and by chemical cleavage. Koide T, et al. **Eur J Biochem** 32:401-7, 1 Feb 73

Studies on soybean trypsin inhibitors. 2. Amino-acid sequence around the reactive site of soybean trypsin inhibitor (Kunitz). Koide T, et al. **Eur J Biochem** 32:408-16, 1 Feb 73

The neutral proteases of human granulocytes. Isolation and partial characterization of two granulocyte collagenases. Ohlsson K, et al. **Eur J Biochem** 36:473-81, 16 Jul 73

Effect of antiamylase serum and antitrypsin serum on the secretion of the rat exocrine pancreas. Bienengräber A, et al. **Exp Pathol (Jena)** 7:335-6, 1972

Enzymatic reactions in the presence of polymers. The competitive inhibition of trypsin by lambda-carrageenan. Gatfield IL, et al. **FEBS Lett** 28:29-31, 15 Nov 72

Proton magnetic resonance investigation of the conformational properties of the basic pancreatic trypsin inhibitor. Masson A, et al. **FEBS Lett** 31:114-8, 1 Apr 73

A new approach for the isolation of biologically active compounds by affinity chromatography: isolation of trypsin. Wilchek M, et al. **FEBS Lett** 31:149-52, 1 Apr 73

Competitive inhibition of Sephadex-bound chymotrypsin and trypsin. Carlsson J, et al. **Hoppe Seylers Z Physiol Chem** 353:1850-4, Dec 72

Family studies on the third component of complement (C3), 1-antitrypsin and pseudocholinesterase polymorphism (locus E 1 and E 2) in the area of Marburg (Germany). Goedde HW, et al. **Humangenetik** 17:85-7, 1972

Effect of human adenoviruses on the response of chickens to sheep erythrocytes. Béládi I, et al. **Infect Immun** 7:22-8, Jan 73

Immunological cross-reactivity between human kidney and certain E. coli and streptococcal strains. Holm SE, et al. **Int Arch Allergy Appl Immunol** 43:63-71, 1972

Molar absorptivity and A-1 per cent-1cm values for proteins at selected wavelengths of the ultraviolet and visible region. VI. Kirschenbaum DM. **Int J Protein Res** 4:125-40, 1972 (145 ref.)

Identification of the reactive site of potato proteinase inhibitor II-a. Iwasaki T, et al. **J Biochem (Tokyo)** 73:1039-48, May 73

Chemical and physicochemical characterization of potato proteinase inhibitor I and comparison of its specificity with those of inhibitors II-a and II-b. Kiyohara T, et al. **J Biochem (Tokyo)** 73:89-95, Jan 73

Bovine prekallikrein activator with functional activity as Hageman factor. Komiya M, et al. **J Biochem (Tokyo)** 72:1205-18, Nov 72

Studies on soybean trypsin inhibitors. IV. Complete amino acid sequence and the anti-proteinase sites of Bowman-Birk soybean proteinase inhibitor. Odani S, et al. **J Biochem (Tokyo)** 71:839-48, May 72

Studies on soybean trypsin inhibitors. 3. Isolation and sequence determination of the tryptic peptides of Bowman-Birk soybean proteinase inhibitor. Odani S, et al. **J Biochem (Tokyo)** 71:831-8, May 72

Inactivation of ribosomes by a factor induced by colicin E3. Osumi Y, et al. **J Biochem (Tokyo)** 71:911-4, May 72

Isolation of high molecular weight activators of human plasma prekallikrein. Bagdasarian A, et al. **J Biol Chem** 248:3456-63, 25 May 73

Calorimetry of some trypsin-trypsin inhibitor reactions. Baugh RJ, et al. **J Biol Chem** 247:7498-501, 10 Dec 72

Evidence against two "pH locked" conformations of phosphorylated trypsin. Berliner LJ, et al. **J Biol Chem** 248:1118-20, 10 Feb 73

Detailed mechanism of interaction of bovine -trypsin with soybean trypsin inhibitor (Kunitz). I. Stopped flow measurements. Luthy JA, et al. **J Biol Chem** 248:1760-71, 10 Mar 73

Subunit structure of fragment D from fibrinogen and cross-linked fibrin. Pizzo SV, et al. **J Biol Chem** 248:4584-90, 10 Jul 73

Evidence for the induction of a conformational change of bovine trypsin by a specific substrate at pH 8.0. Royer GP, et al. **J Biol Chem** 248:2627-9, 10 Apr 73

Separate phosphodiesterases for the hydrolysis of cyclic adenosine 3',5'-monophosphate and cyclic guanosine 3',5'-monophosphate in rat liver. Russell TR, et al. **J Biol Chem** 248:1334-40, 25 Feb 73

Identification of modified streptokinase as the activator of bovine and human plasminogen. Taylor FB Jr, et al. **J Biol Chem** 248:1127-34, 25 Feb 73

Intermediate cells of the pancreas. 3. Selective autophagy and destruction of beta-granules in intermediate cells of the rat pancreas induced by alloxan and streptozotocin. Melmed RN, et al. **J Cell Sci** 13:297-315, Jul 73

Factors involved in the cytotoxicity of normal guinea pig serum for cells of murine tumor TA3 sublines treated with neuraminidase. Hughes RC, et al. **J Immunol** 111:1071-80, Oct 73

Immunocytology of cultured IgM-forming cells of mouse. I. Requirement of phagocytic cell factor for the growth of IgM-forming tumor cells in tissue culture. Namba Y, et al. **J Immunol** 109:1193-200, Dec 72

Alpha 1 -antitrypsin deficiency and emphysema. Fuleihan FJ. **J Med Liban** 26:87-8, 1973

A model for the association of bovine pancreatic trypsin inhibitor with chymotrypsin and trypsin. Blow DM, et al. **J Mol Biol** 69:137-44, 14 Aug 72

The trypsin-trypsin inhibitor complex: crystallization, unit cells and space groups. Cole FE, et al. **J Mol Biol** 71:105-6, 28 Oct 72

Structure of the complex formed by bovine trypsin and bovine pancreatic trypsin inhibitor. Crystal structure determination and stereochemistry of the contact region. Rühlmann A, et al. **J Mol Biol** 77:417-36, 5 Jul 73

Trypsin inactivation by intact Hymenolepis diminuta. Papas PW, et al. **J Parasitol** 58:864-71, Oct 72

The zona reaction of hamster and mouse eggs: production in vitro by a trypsin-like protease from cortical granules. Gwatkin RB, et al. **J Reprod Fertil** 32:259-65, Feb 73

Evidence for the penetration of the vitelline membrane of the hen's ovum by a trypsin-like acrosomal enzyme. Howarth B Jr, et al. **J Reprod Fertil** 33:123-5, Apr 73

Biological properties of esteroprotease isolated from the submaxillary gland of mice. Angeletti M, et al. **Life Sci [II]** 12:297-305, 8 Apr 73

Liver disease in adults with alpha-1 -antitrypsin deficiency. Berg NO, et al. **N Engl J Med** 287:1264-7, 21 Dec 72

Assignment of codons to arginine residues in vertebrate proteins. Elton RA. **Nature [New Biol]** 243:287-8, 27 Jun 73

Protease inhibitors as snake venom toxins. Strydom DJ. **Nature [New Biol]** 243:88-9, 16 May 73

The radiation leukemia protection(RLP) activity of some Cohn fractions of serum. Hodes ME, et al. **Oncology** 26:409-21, 1972

Nucleation, rapid folding, and globular intrachain regions in proteins. Wetlaufer DB. **Proc Natl Acad Sci USA** 70:697-701, Mar 73

Chemistry of enzyme inhibitors of microbial origin. Umezawa H. **Pure Appl Chem** 33:129-44, 1973 (32 ref.)

Molecular forms of plasmin and protease inhibitors in human fibrinolytic post-mortem plasma. Müllertz S. **Scand J Clin Lab Invest** 30:369-79, Dec 72

Antigenic and immunological characteristics of tryptic and chymotryptic subfragments from the C 3 homology region of human immunoglobulin G. Turner MW, et al. **Scand J Immunol** 1:53-62, 1972

The fate of sensitized equine arteritis virus following neutralization by complement of anti-IgG serum. Radwan AI, et al. **Virology** 53:372-8, Jun 73

Studies on the agglutinin accompanying the warm haemolysin active against trypsinized red cells. Heisto H. **Vox Sang** 24:12-20, Jan 73

Protein digestion. Nutritional and metabolic considerations. Snook JT. **World Rev Nutr Diet** 18:121-76, 1973 (213 ref.)

Protein digestion. Nutritional and metabolic considerations. Snook JT. **World Rev Nutr Diet** 10:121-76, 1973 (213 ref.)

Histochemical localization of production and secretion of trypsin in the earthworm Lumbricus terrestris. Bibighaus CL, et al. **Z Zellforsch Mikrosk Anat** 130:429-39, 1972

[Preparation of individual human 2 -macroglobulins. Comparative chemical properties] Frénoy JP, et al. **Clin Chim Acta** 42:51-6, Nov 72 (Eng. Abstr.) **(Fre)**

[Alpha-1-antitrypsin deficiency in a patient with mucoviscidosis] Feigelson J, et al. **Nouv Presse Med** 2:1899-901, 14 Jul 73 **(Fre)**

[Defense mechanisms of the respiratory tract and their failure] Michel FB. **Nouv Presse Med** 2:643-6, 10 Mar 73 **(Fre)**

[Chrysotherapy] Buneaux F, et al. **Rev Rhum Mal Osteoartic** 40:429-38, Jun 73 (Eng. Abstr.) **(Fre)**

[Inactivation of trypsin and thrombin by 4-amidinobenzolsulfofluoride and

4-(2-aminoethyl)-benzolsulfofluoride] Walsmann P, et al.
Acta Biol Med Ger 28:577-85, 1972 (Eng. Abstr.) **(Ger)**

[Behavior of chymotrypsin-like proteinase from human spermatozoa towards protein-proteinase inhibitors] Fritz H, et al.
Hoppe Seylers Z Physiol Chem 353:1651-3, Oct 72 (Eng. Abstr.) **(Ger)**

[Human acrosin: inhibition by protein-proteinase inhibitors] Fritz H, et al.
Hoppe Seylers Z Physiol Chem 353:1950-2, Dec 72 (Eng. Abstr.) **(Ger)**

[Human acrosin: kinetics of the inhibition by inhibitors from human sera] Fritz H, et al.
Hoppe Seylers Z Physiol Chem 353:1953-6, Dec 72 (Eng. Abstr.) **(Ger)**

[Characterization of a trypsin-like proteinase (acrosin) from boar spermatozoa by inhibition with different protein proteinase inhibitors. 3. Inhibitors from pancreas glands] Fritz H, et al.
Hoppe Seylers Z Physiol Chem 353:1013-4, Jun 72 **(Ger)**

[The isolation of porcine and human kallikrein using affinity chromatography: specific binding to water-insoluble Kunitz soybean-inhibitor-celluloses and dissociation with competitive inhibitors (benzamidine)] Fritz H, et al.
Hoppe Seylers Z Physiol Chem 353:893-900, Jun 72 (Eng. Abstr.) **(Ger)**

[Properties of the trypsin-like (acrosin) from boar spermatozoa] Schiessler H, et al.
Hoppe Seylers Z Physiol Chem 353:1638-45, Oct 72 (Eng. Abstr.) **(Ger)**

[Disulfide bridges of the secretory trypsin inhibitor from procine pancreas and the degradation of covalent structure during the temporary inhibition] Tschesche H, et al.
Hoppe Seylers Z Physiol Chem 353:763-4, May 72 **(Ger)**

[Characterization of porcine and human serum kallikrein using inhibition through protein-proteinase inhibitors] Wunderer G, et al.
Hoppe Seylers Z Physiol Chem 353:1646-50, Oct 72 (Eng. Abstr.) **(Ger)**

[Synthetic serin protease inhibitors. 1. Inhibition of trypsin, plasmin and thrombin by amidino- and guanidinobenzoic acid esters] Markwardt F, et al.
Pharmazie 28:326-30, May 73 **(Ger)**

[The action of proteolytic enzymes of Clostridium histolyticum and Clostridium novyi on human plasma proteins] Schallehn G, et al.
Zentralbl Bakteriol [Orig A] 224:102-14, Jun 73 (Eng. Abstr.) **(Ger)**

[Disorders of the cardiopulmonary function in heterozygotes with alpha 1 -antitrypsin deficiency] Szczeklik A, et al.
Pol Tyg Lek 28:155-7, 29 Jan 73 (Eng. Abstr.) **(Pol)**

[Feedback between primary and secondary structures of globular proteins] Finkel'shtein AV.
Dokl Akad Nauk SSSR 207:1486-9, 21 Dec 72 **(Rus)**

[Comparative study of enzymatic indices of the pancreas in the serum and duodenal contents in patients with ulcer disease treated in the health resort, Dzhermuk] Grigerian EG.
Ter Arkh 44:24-6, Oct 72 (Eng. Abstr.) **(Rus)**

[The effect of anti-enzyme therapy on the intracellular metabolism of blood leukocytes in chronic diseases of the pancreas] Veprinskaia SI, et al.
Vrach Delo 11:61-2, Nov 72 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Effects of female reproductive tract secretions on rabbit sperm. II. Control of sperm hyaluronidase release. Lewis BK, et al.
Proc Soc Exp Biol Med 141:719-24, Nov 72

[Effect of trypsin and trypsin inhibitors on pancreatic secretion] Laporte JC, et al.
Nutr Metab 15:192-206, 1973 (Eng. Abstr.) **(Fre)**

[Topical treatment of duodenal and pancreatic fistulas with protease inhibitors] Richter H.
Zentralbl Chir 97:1820-3, 16 Dec 72 **(Ger)**

ADVERSE EFFECTS

[A complication during treatment with contrical] Semenov AS, et al.
Khirurgiia (Mosk) 48:133, Jul 72 **(Rus)**

ANALYSIS

The fibrinolytic enzyme system in leukaemia, myelomatosis and myeloproliferative diseases. Ogston D, et al. **Acta Haematol (Basel)** 48:322-30, 1972

Neonatal cholestasis in alpha-1-antitrypsin deficient children. Clinical, genetic, histological and immunohistochemical findings. Aagenaes O, et al.
Acta Paediatr Scand 61:632-42, Nov 72

Proteases of Clostridium botulinum. II. The relationship between growth medium and the production of proteases by Clostridium botulinum types A, B, C, D, E and F. Tjaberg TB.
Acta Vet Scand 14:193-200, 1973

Hematological, biochemical, and immunological studies during a 14-day continuous exposure to 5.2 per cent O 2 in N 2 at pressure equivalent to 100 FSW (4 ATA). Alexander WC, et al. **Aerosp Med** 44:850-4, Jul 73

Maternal and fetal serum protein concentration in normal pregnancy and pregnancy complicated by proteinuric pre-eclampsia. Studd JW, et al.
Am J Obstet Gynecol 114:582-8, 1 Nov 72

An inhibitor in human lung macrophages active against human neutrophil elastase. Blondin J, et al.
Am Rev Respir Dis 106:477-9, Sep 72

A method for automated analyses of the activities of trypsin, chymotrypsin and their inhibitors. Stewart KK. **Anal Biochem** 51:11-8, Jan 73

Immunologic studies of patients with pulmonary emphysema. Ablin RJ. **Ann Allergy** 31:171-7, Apr 73

Cirrhosis associated with partial deficiency of alpha-1 antitrypsin in an adult. Campra JL, et al.
Ann Intern Med 78:233-8, Feb 73

Alpha-1 antitrypsin deficiency, emphysema, and cirrhosis in an adult. Cohen KL, et al.
Ann Intern Med 78:227-32, Feb 73

Purification and properties of normal human alpha 1-antitrypsin. Crawford IP.
Arch Biochem Biophys 156:215-22, May 73

Immunologic analysis of noncollagen proteins of human skin. Miklaszewska M, et al.
Arch Immunol Ther Exp (Warsz) 20:877-84, 1972

The purification of human serum 1 -antitrypsin by affinity chromatography on concanavalin A. Liener IE, et al.
Biochem Biophys Res Commun 51:436-43, 17 Mar 73

A nuclear magnetic resonance study of bovine pancreatic trypsin inhibitor. Tyrosine titrations and backbone NH groups. Karplus S, et al.
Biochemistry 12:1323-9, 27 Mar 73

Nuclear magnetic resonance studies of trypsin inhibitors. Histidines of virgin and modified soybean trypsin inhibitor (Kunitz). Markley JL.
Biochemistry 12:2245-50, 5 Jun 73

pH dependence of the equilibrium constant for the hydrolysis of the Arg 63 -Ile reactive-site peptide bond in soybean trypsin inhibitor (Kunitz). Mattis JA, et al. **Biochemistry** 12:2239-45, 5 Jun 73

An investigation of the role of intraluminal proteolytic enzymes and intracellular enzyme inhibitors in ulcerative colitis. Goldberg DM, et al.
Br J Exp Pathol 53:359-73, Aug 72

Reduction and reactivation of the Bowman-Birk soybean inhibitor. Hogle JM, et al.
Can J Biochem 51:1014-20, Jul 73

Lima bean protease inhibitor: reduction and reoxidation of the disulfide bonds and their reactivity in the trypsin-inhibitor complex. Stevens FC, et al.
Can J Biochem 51:1021-8, Jul 73

Automated quantitative immunochemical analysis of human immunoglobulins. Markowitz H, et al.
Clin Chem 18:1364-7, Nov 72

Effect of low-density lipoprotein preparations on plasmin. Herbert RJ, et al. **Clin Sci** 45:129-32, Jul 73

Inhibition of keratinases by 2 -macroglobulin. Yu RJ, et al. **Experientia** 28:886, 15 Aug 72

A protease inhibitor in bee venom. Identification, partial purification and some properties. Shkenderov S. **FEBS Lett** 33:343-7, 15 Jul 73

Intraductal activation of pancreatic zymogens behind a carcinoma of the pancreas. Allan BJ, et al.
Gastroenterology 65:412-8, Sep 73

Gel electrophoretic analysis of peanut proteins and enzymes. I. Characterization of DEAE-cellulose separated fractions. Cherry JP, et al.
J Agric Food Chem 21:652-5, Jul-Aug 73

Immunochemical-cytological study of proteins from partially defatted peanuts. Neucere NJ, et al.
J Agric Food Chem 21:192-5, Mar-Apr 73

Synovial collagenase and joint diseases: the significancy of latent collagenase with special reference to rheumatoid arthritis. Abe S, et al.
J Biochem (Tokyo) 73:1007-11, May 73

Isolation of three isoinhibitors of trypsin from garden bean, Phaseolus vulgaris, having either lysine or arginine at the reactive site. Wilson KA, et al. **J Biol Chem** 248:756-62, 10 Feb 73

Release of bound trypsin inhibitors in soybeans by Rhizopus oligosporus. Wang HL, et al. **J Nutr** 102:1495-9, Nov 72

Immunological studies on the nature and origin of the major proteins in amniotic fluid. Sutcliffe RG, et al. **J Obstet Gynaecol Br Commonw** 80:721-7, Aug 73

The acrosome of the human spermatozoon: a new method for its extraction, and an analysis of its trypsin-like enzyme activity. Pedersen H. **J Reprod Fertil** 31:99-107, Oct 72

Chemical and biological evaluation of protein quality of locally produced and processed full-fat soya bean flour from three Tanzanian villages. Holm H, et al. **J Sci Food Agric** 24:333-41, Mar 73

Antitrypsin deficiency. Feldmann G, et al. **Lancet** 1:1515, 30 Jun 73

Alpha1-antitrypsin in amniotic fluid. Guibaud S, et al. **Lancet** 2:379, 18 Aug 73

Alpha1-antitrypsin in amniotic fluid. Monaghan JM, et al. **Lancet** 2:619-20, 15 Sep 73

Alpha 1 -antitrypsin in amniotic fluid. Wilkinson EJ, et al. **Lancet** 1:559, 10 Mar 73

Serum protein groups of South African Bantu. II. 1 -Antitrypsin, group specific component and further observations on haptoglobin and caeruloplasmin. McDermid EM, et al. **S Afr J Med Sci** 36:63-8, Oct 71

Serum protein groups of South African Indians. McDermid EM, et al. **S Afr J Med Sci** 36:57-62, Oct 71

[Determination of protein in the aqueous humor in clinical practice] Michiels J, et al. **Arch Ophtalmol (Paris)** 32:745-57, Nov 72 (Eng. Abstr.) (Fre)

[Qualitative and quantitative variations in amniotic fluid proteins during pregnancy] Guibaud S, et al. **Pathol Biol (Paris)** 21:593-9, Jun 73 (Eng. Abstr.) (Fre)

[Study of alpha-2 macroglobulin, alpha-1-antitrypsin and antitrypsic activity of serum in inflammatory rheumatism and related diseases] Mach PS, et al. **Rev Eur Etud Clin Biol** 17:462-70, May 72 (Eng. Abstr.) (Fre)

[Immunopathology of neurodermatitis] Wüthrich B, et al. **Arch Dermatol Forsch** 244:327-32, 1972 (Ger)

[Simultaneous determination of peroxidase, lysozyme and low molecular proteinase inhibitor in human nasal secretion] Reichert R, et al. **Arch Klin Exp Ohren Nasen Kehlkopfheilkd** 203:109-14, 1972 (Eng. Abstr.) (Ger)

[Characterization of a trypsin-like proteinase (acrosin) from boar spermatozoa by inhibition with different protein proteinase inhibitors. 3. Inhibitors from pancreas glands] Fritz H, et al. **Hoppe Seylers Z Physiol Chem** 353:1013-4, Jun 72 (Ger)

[Demonstration and quantitative determination of complexes between leukocyte protease and 1 -antitrypsin in body secretions and body fluids] Hochstrasser K, et al. **Hoppe Seylers Z Physiol Chem** 353:1120-4, Jul 72 (Eng. Abstr.) (Ger)

[Identification of organs of snails (Helix pomatia) synthetizing protease inhibitors] Tschesche H, et al. **Hoppe Seylers Z Physiol Chem** 353:1189-93, Jul 72 (Eng. Abstr.) (Ger)

[Behavior of immunoglobulins G, A and M, beta- 1 -C globulin, 2 -antitrypsin and 1 -macroglobulin in children before and following surgery] Lennert KA, et al. **Monatsschr Kinderheilkd** 121:151-4, Apr 73 (Eng. Abstr.) (Ger)

[Immunologic demonstration of an acid alpha 1 glycoprotein in in-vivo neutralized gastric juice of patients with stomach carcinoma and metaplastic mucosal changes] Mikulicz-Radecki J von, et al. **Verh Dtsch Ges Inn Med** 78:845-7, 1972 (Ger)

[Pulmonary emphysema and deficiency of alpha 1 antitrypsin] Bergmann KC. **Z Erkr Atmungsorgane** 136:307-10, 1972 (Ger)

[Changes in the proteins of the 1 and 2 globulins during acute infectious hepatitis] Baehr R von, et al. **Z Gesamte Inn Med** 27:754-6, 1 Sep 72 (Eng. Abstr.) (Ger)

[Immunoelectrophoretic findings in edema fluids] Bogdanikowa B, et al. **Minerva Med** 64:436-41, 24 Feb 73 (Eng. Abstr.) (Ita)

[Effect of mineralocorticoids on the exocrine function of the pancreas] Nazarova GG, et al. **Probl Endokrinol (Mosk)** 19:78-81, May-Jun 73 (Eng. Abstr.) (Rus)

ANTAGONISTS & INHIBITORS

Thermodynamics and kinetics of the reactive site peptide-bond hydrolysis in bovine pancreatic secretory trypsin inhibitor (Kazal). Sealock RW, et al. **Biochemistry** 12:3139-46, 14 Aug 73

Heat inactivation of trypsin inhibitor, lipoxygenase and urease in soybeans: effect of acid and base additives. Baker EC, et al. **J Am Oil Chem Soc** 50:137-41, May 73

Release of bound trypsin inhibitors in soybeans by Rhizopus oligosporus. Wang HL, et al. **J Nutr** 102:1495-9, Nov 72

Protection afforded to trypsin and trypsinogen by calcium ion from inactivation by chlorambucil. Griffiths AE, et al. **Proc Soc Exp Biol Med** 142:1045-7, Mar 73

BLOOD

Neonatal cholestasis in alpha-1-antitrypsin deficient children. Clinical, genetic, histological and immunohistochemical findings. Aagenaes O, et al. **Acta Paediatr Scand** 61:632-42, Nov 72

Bile acid excretion after disappearance of jaundice in intrahepatic cholestasis of infancy. Norman A, et al. **Acta Paediatr Scand** 62:264-8, May 73

Excretion of bile acids in extrahepatic biliary atresia and intrahepatic cholestasis of infancy. Norman A, et al. **Acta Paediatr Scand** 62:253-63, May 73

Precocious emphysema and alpha 1 antitrypsin deficiency. Welch MH, et al. **Adv Intern Med** 17:379-92, 1971 (55 ref.)

Pulmonary diseases and antitrypsin deficiency in Japan. Nomiyama K, et al. **Allerg Immunol (Leipz)** 18:81-4, 1972

Automated quantitation of proteins in serum and other biologic fluids. Ritchie RF, et al. **Am J Clin Pathol** 59:151-9, Feb 73

Cryofibrinogenemia: incidence, clinical correlations, and a review of the literature. Smith SB, et al. **Am J Clin Pathol** 58:524-30, Nov 72

Cirrhosis in an adult with emphysema and alpha 1-antitrypsin deficiency. Babb RR, et al. **Am J Dig Dis** 18:803-7, Sep 73

Infantile cirrhosis with hereditary alpha 1 -antitrypsin deficiency. Clinical improvement in two siblings. Talamo RC, et al. **Am J Dis Child** 125:845-7, Jun 73

Alpha 1 antitrypsin deficiency in association with both cirrhosis and chronic obstructive lung disease in two sibs. Glasgow JF, et al. **Am J Med** 54:181-94, Feb 73

Pathologic patterns of chronic obstructive pulmonary diseases in patients with normal and deficient levels of alpha 1 antitrypsin. Kanner RE, et al. **Am J Med** 54:706-12, Jun 73

Alpha 1 -antitrypsin immunoelectrophoresis. Creason MT, et al. **Am J Med Technol** 38:387-93, Oct 72

Familial variation of leukocyte lysosomal protease and serum 1 -antitrypsin as determinants in chronic obstructive pulmonary disease. Gaidston M, et al. **Am Rev Respir Dis** 107:718-27, May 73

Serum trypsin inhibitor capacity and purulent sputum. Kibelstis JA, et al. **Am Rev Respir Dis** 106:772-3, Nov 72

A new "double ring" screening test for alpha1-antitrypsin variants. Lieberman J. **Am Rev Respir Dis** 108:248-57, Aug 73

The mechanical properties of the lungs in intermediate deficiency of 1 -antitrypsin. Ostrow DN, et al. **Am Rev Respir Dis** 106:377-83, Sep 72

Serum alpha 1-antitrypsin in allergic respiratory disorders. Altay C, et al. **Ann Allergy** 31:420-2, Sep 73

Determination of alpha-1 antitrypsin by a nephelometric procedure. Savory J, et al. **Ann Clin Lab Sci** 3:43-7, Jan-Feb 73

Deficiency of alpha-1 antitrypsin. Alper CA. **Ann Intern Med** 78:298-9, Feb 73

Cirrhosis associated with partial deficiency of alpha-1 antitrypsin in an adult. Campra JL, et al. **Ann Intern Med** 78:233-8, Feb 73

Alpha-1 antitrypsin deficiency, emphysema, and cirrhosis in an adult. Cohen KL, et al. **Ann Intern Med** 78:227-32, Feb 73

Purification and properties of normal human alpha 1-antitrypsin. Crawford IP. **Arch Biochem Biophys** 156:215-22, May 73

Alpha 1-antitrypsin in sera of inbred mice. Chan SK. **Arch Environ Health** 27:272, Oct 73

Involvement of leukocytic proteases in emphysema and antitrypsin deficiency. Lieberman J.
Arch Environ Health 27:196-200, Sep 73
Antitrypsin deficiency and abnormal protease inhibitor phenotypes. Mittman C, et al.
Arch Environ Health 27:201-6, Sep 73
Cirrhosis of the liver associated with 1 -antitrypsin deficiency. Ishak KG, et al.
Arch Pathol 94:445-55, Nov 72
The effect of clofibrate on components of the fibrinolytic enzyme system. Ogston D, et al.
Atherosclerosis 16:273-6, Sep-Oct 72
Pulmonary function in alpha 1 -antitrypsin deficiency. Pinerua RF, et al. **Aust NZ J Med** 2:159-67, May 72
Acute disseminated intravascular coagulation in systemic lupus erythematosus. Whitaker AN, et al.
Aust NZ J Med 2:182-7, May 72
The purification of human serum 1 -antitrypsin by affinity chromatography on concanavalin A. Liener IE, et al.
Biochem Biophys Res Commun 51:436-43, 17 Mar 73
Analysis of plasma 1 -antitrypsin variants and their microheterogeneity. Laurell CB, et al.
Biochim Biophys Acta 310:500-7, 15 Jun 73
Proteinase inhibitors in human synovial fluid. Shtacher G, et al. **Biochim Biophys Acta** 303:138-47, 23 Mar 73
Alpha-1-antitrypsin deficiency and intrinsic asthma. Ferguson GC. **Br J Dis Chest** 67:71-4, Jan 73
Alpha-1-antitrypsin deficiency and pulmonary emphysema: the role of proteolytic enzymes and their inhibitors. Hutchison DC.
Br J Dis Chest 67:171-96, Jul 73 (103 ref.)
Serum antitrypsin levels in acute hepatic necrosis. Campra J, et al. **Br Med J** 2:616, 9 Jun 73
Corticosteroids in neonatal hepatitis. Mowat AP, et al.
Br Med J 2:50, 7 Apr 73
Alpha 1 antitrypsin deficiency and liver disease in childhood. **Br Med J** 1:758, 31 Mar 73
Identification and characteristics of the common alpha 1 -antitrypsin phenotypes. Lieberman J, et al.
Chest 62:557-64, Nov 72
Alpha 1 antitrypsin levels in sarcoidosis: relationship to disease activity. Young RC Jr, et al.
Chest 64:39-45, Jul 73
Electrophoresis, specific protein assays, or both in measurement of plasma proteins? Laurell CB.
Clin Chem 19:99-102, Jan 73
Design, construction, and two applications for an automated flow-cell polarization fluorometer with digital read out: enzyme-inhibitor (antitrypsin) assay and antigen-antibody (insulin-insulin antiserum) assay. Spencer RD, et al. **Clin Chem** 19:838-44, Aug 73
A quick, semiquantitative determination of trypsin inhibitor capacity of human serum. Perényi L, et al.
Clin Chim Acta 43:277-8, 24 Jan 73
Studies on the blood fibrinolytic system in congestive cardiac failure. Rawles JM, et al.
Clin Sci 45:65-76, Jul 73
Trypsin inhibitors and chymotrypsin inhibitors in the sera of some animals. Nakamura S, et al.
Comp Biochem Physiol [B] 41:201-15, 15 Jan 72
Deficiency of the chemotactic factor inactivator in human sera with 1 -antitrypsin deficiency. Ward PA, et al. **J Clin Invest** 52:516-9, Feb 73
Characteristics of the antitrypsin activity of human serum. Rowley PT, et al. **J Clin Pathol** 26:48-51, Jan 73
The induction of emphysema with elastase. I. The evolution of the lesion and the influence of serum. Kaplan PD, et al. **J Lab Clin Med** 82:349-56, Sep 73
Indicators of susceptibility to industrial chemicals. Cooper WC. **J Occup Med** 15:355-9, Apr 73
Hypersusceptibility and genetic problems in occupational medicine--a consensus report. Stokinger HE, et al. **J Occup Med** 15:564-73, Jul 73
Alpha 1 antitrypsin deficiency and liver disease in childhood. Ward AM, et al. **J Pathol** 109:pxvi, Jan 73
The acrosome of the human spermatozoon: a new method for its extraction, and an analysis of its trypsin-like enzyme activity. Pedersen H.
J Reprod Fertil 31:99-107, Oct 72
Asthma and antitrypsin deficiency. Ferguson GC.
Lancet 2:459, 25 Aug 73
Enzyme transplants. Gans H. **Lancet** 1:203, 27 Jan 73
Alpha-1-antitrypsin, autism, and coeliac disease. Walker-Smith J, et al. **Lancet** 2:883-4, 21 Oct 72
Differential diagnosis of chronic respiratory insufficiency. Baum GL.
Med Clin North Am 57:623-35, May 73 (55 ref.)
Chronic bronchitis and emphysema. Classification and epidemiology. Ferris B Jr.
Med Clin North Am 57:637-49, May 73 (27 ref.)
Lung defense mechanisms. Green GM.
Med Clin North Am 57:547-62, May 73 (57 ref.)
Alpha 1 -antitrypsin deficiency. Lieberman J.
Med Clin North Am 57:691-706, May 73 (35 ref.)
Chronic bronchitis and emphysema. Thurlbeck WM.
Med Clin North Am 57:651-68, May 73 (74 ref.)
Additional evidence for a deleted gene for serum alpha-1-antitrypsin. Altay C, et al.
N Engl J Med 289:754, 4 Oct 73
Alpha 1-antitrypsin and infantile respiratory distress. Johnson AM. **N Engl J Med** 288:523, 8 Mar 73
Alpha-antitrypsin in the respiratory-distress syndrome. Mathis RK, et al.
N Engl J Med 288:59-64, 11 Jan 73
More on antitrypsin. Pierce JA.
N Engl J Med 287:1095-6, 23 Nov 72
Genetic vs. quantitative analysis of serum alpha 1 -antitrypsin. Talamo RC, et al.
N Engl J Med 287:1067-9, 23 Nov 72
Regional pulmonary ventilation. Evaluation in normals and subjects with alpha1-antitrypsin deficiency. Powell MR, et al. **Nucl Med (Stuttg)** 9:1128-9, 1971
Hereditary aspects of COPD. Carey JP, et al.
Postgrad Med 54:64-9, Sep 73 (57 ref.)
Severe pulmonary emphysema. A comparison of patients with and without 1 -antitrypsin deficiency. Hutchison DC, et al. **Q J Med** 41:301-15, Jul 72
Experimental pancreatitis in the dog. Demonstration of trypsin in ascitic fluid, lymph and plasma. Ohlsson K, et al. **Scand J Gastroenterol** 8:129-33, 1973
1 -Antitrypsin deficiency: a variant with no detectable 1 -antitrypsin. Talamo RC, et al.
Science 181:70-1, 6 Jul 73
Some unresolved problems in chronic respiratory disease. Stuart-Harris C.
Scott Med J 18:36-44, Mar 73 (55 ref.)
Pulmonary emphysema and alpha-1 antitrypsin deficiency. Huber AL, et al.
Va Med Mon 99:1067-72, Oct 72
[Pi system. II. Experiences with the examination of alpha-antitrypsinemia in children] Halatová A, et al.
Cesk Pediatr 28:286-9, Jun 73 (Eng. Abstr.) **(Cze)**
[Our experiences with the determination of alpha 1-antitrypsin in children with respiratory tract diseases] Houštěk J, et al.
Cesk Pediatr 27:579-81, Dec 72 (Eng. Abstr.) **(Cze)**
[Familial pulmonary emphysema with lowered concentration of alpha-1-antitrypsin in the serum] Neubauer I.
Ugeskr Laeger 134:1335-7, 19 Jun 72 (Eng. Abstr.) **(Dan)**
[Weber-Christian syndrome associated with an alpha-1 antitrypsin deficiency. Familial investigation] Warter J, et al.
Ann Med Interne (Paris) 123:877-82, Oct 72 **(Fre)**
[MOdifications observed by bidimensional immunoelectrophoresis during the putrefactive degradation of serum proteins] Sant-Paul M, et al.
Med Leg Domm Corpor (Paris) 5:68-70, Jan-Mar 72 **(Fre)**
[Myocardial infarction. Biological criteria necessary for estimation of middle term prognosis] Bardos P, et al. **Nouv Presse Med** 2:1229, 5 May 73 **(Fre)**
[Alpha 1 antitrypsin deficiency during chronic bronchopneumopathies] Lebeau B, et al.
Nouv Presse Med 2:843-8, 31 Mar 73 **(Fre)**
[In vitro effect of ethanol on trypsin activity and plasma and serum proteolytic inhibitors] Laporte JC.
Nutr Metab 14:271-81, 1972 (Eng. Abstr.) **(Fre)**
[Determination of alpha-1-antitrypsin and immunoglobulin A in bronchial and pulmonary diseases (151 cases)] Sotty M, et al.
Poumon Coeur 28:153-63, 1972 (Eng. Abstr.) **(Fre)**
[Method for the identification of Pi groups. 1st statistics from Languedoc] Robinet-Lévy M, et al.
Rev Fr Transfus 15:61-72, Mar 72 (Eng. Abstr.) **(Fre)**
[Pi system in Norman and Amerindian populations] Vandeville D, et al.
Rev Fr Transfus 15:213-8, Jun 72 (Eng. Abstr.) **(Fre)**
[Alpha 1 antitrypsin homozygous deficiency associated with chronic respiratory diseases. Report of 7 cases observed among 600 subjects examined] Vidal J, et al.
Sem Hop Paris 48:3291-7, 8 Dec 72 (Eng. Abstr.) **(Fre)**
[Sex-specific differences of serum proteins in adults and influence of oral hormonal contraceptives on serum protein composition] Dotchev D, et al.
Clin Chim Acta 44:431-5, 30 Mar 73 (Eng. Abstr.) **(Ger)**
[Studies on the diagnostic value of trypsin inhibitor in

human blood serum. 1. Normal value of trypsin inhibitor capacity and genetic frequency of trypsin inhibitor deficiency in the district Halle of the GDR] Matzel W, et al.
Dtsch Gesundheitsw 28:344-8, 4 Feb 73 (Eng. Abstr.) (Ger)

[Population genetic studies on alpha 1 , antitrypsin polymorphism (Pi-system) in the population of Berlin] Schmechta H, et al.
Dtsch Gesundheitsw 27:1089-91, 8 Jun 72 (Eng. Abstr.) (Ger)

[Quantitative immunological determination of serum proteins in paraproteinaemia] Fateh-Moghadam A, et al.
Dtsch Med Wochenschr 98:309-18, 16 Feb 73 (Eng. Abstr.) (Ger)

[Alpha-1-antitrypsin deficiency with juvenile pulmonary emphysema: hereditary dysproteinaemia in two brothers] Hennemann HH, et al.
Dtsch Med Wochenschr 98:255-8, 9 Feb 73 (Eng. Abstr.) (Ger)

[Postoperative acceleration of blood sedimentation] Scherer R.
Dtsch Med Wochenschr 98:1144, 1 Jun 73 (Ger)

[1 -Antitrypsin determinations in patients with Kartagener syndrome] Heuckenkamp PU, et al.
Klin Wochenschr 50:789-90, 15 Aug 72 (Eng. Abstr.) (Ger)

[New pathogenetic and therapeutic aspects of obstructive pulmonary disease] Hany A.
Schweiz Med Wochenschr 103:645-8, 28 Apr 73 (Eng. Abstr.) (Ger)

[1 -antitrypsin-genotype determination. Studies in 2 families] Hofmann S, et al.
Schweiz Med Wochenschr 103:100-7, 20 Jan 73 (Eng. Abstr.) (Ger)

[Glycoproteins of the human plasma] Schwick HG, et al.
Wien Klin Wochenschr 85:213-6, 6 Apr 73 (28 ref.) (Eng. Abstr.) (Ger)

[Alpha 1 antitrypsin in rheumatic diseases] Hanzlick J, et al.
Z Gesamte Inn Med 28:430-7, 15 Jul 73 (Eng. Abstr.) (Ger)

[Concentration of alpha 1-antitrypsin in the serum of newborns with and without respiratory disturbances] Nohl M, et al.
Z Kinderheilkd 113:145-50, 1972 (Eng. Abstr.) (Ger)

[Suitability of the Pi-system in disputed paternity] Kellermann G, et al.
Z Rechtsmed 71:24-6, 1972 (Eng. Abstr.) (Ger)

[Serum proteinase inhibitor capacity during administration of the oral contraceptive Ovosiston] Duck HJ, et al.
Zentralbl Gynaekol 95:343-8, 9 Mar 73 (Ger)

[Chronic bronchitis and trypsin inhibitors] Tarján E, et al. **Orv Hetil 113:2802-3, 12 Nov 72 (Hun)**

[Serum alpha 1 antitrypsin in healthy subjects and in patients with pulmonary emphysema] Szczeklik A, et al. **Minerva Med 64:415-9, 24 Feb 73 (Eng. Abstr.) (Ita)**

[Serum trypsin inhibitor and trypsin binding protein in pancreatic diseases] Yamadori T.
Jap J Gastroenterol 70:3-19, Jan 73 (Eng. Abstr.) (Jap)

[Proteolytic and antitrypsin activity of plasma in allergic bronchial asthma] Hofman J.
Pol Arch Med Wewn 50:763-8, Aug 73 (Eng. Abstr.) (Pol)

[Proteolytic and antitrypsin activity of plasma in patients with bronchial asthma and chronic bronchitis with coexisting emphysema] Hofman J, et al.
Pol Arch Med Wewn 50:345-52, Apr 73 (Eng. Abstr.) (Pol)

[Alpha-1 antitrypsin, alpha-2-macroglobulin and antiplasmin activity in liver and bile tract diseases] Bogdal J, et al.
Pol Tyg Lek 28:969-72, 25 Jun 73 (Eng. Abstr.) (Pol)

[Effect of alcohol on serum levels of some glycoproteins] Kudrewicz-Hubicka Z, et al.
Pol Tyg Lek 27:1917-20, 4 Dec 72 (Eng. Abstr.) (Pol)

[Alpha-1-antitrypsin of blood serum: its biochemical properties, inborn deficiencies and biological functions] Koj A.
Przegl Lek 29:699-705, 1972 (76 ref.) (Pol)

[Genetically determined pulmonary emphysema] Pawlikowski T.
Wiad Lek 26:1223-6, 1 Jul 73 (29 ref.) (Eng. Abstr.) (Pol)

[Some current problems in pneumology] Maximilian V, et al.
Med Interna (Bucur) 24:985-98, Aug 72 (Eng. Abstr.) (Rum)

[Proteolytic and antitrypsinolytic activity and the state of the serum proteins in severe burns] Klimov IA, et al. **Lab Delo 4:226-7, 1973 (Rus)**

[Blood trypsin and antitrypsin in the diagnosis of acute cholecystopancreatitis] Shpektor VA, et al.
Vestn Khir 108:32-6, Oct 72 (Eng. Abstr.) (Rus)

[Proteolytic enzymes and their inhibitors in the blood and cerebrospinal fluid of patients with cranio-cerebral trauma] Romodanov AP, et al.
Vopr Neirokhir 36:18-21, Nov-Dec 72 (Eng. Abstr.) (Rus)

[Changes in the external secretion of the pancreas] Kovalev MM, et al.
Vrach Delo 10:64-9, Oct 72 (Eng. Abstr.) (Rus)

CEREBROSPINAL FLUID

[Proteolytic enzymes and their inhibitors in the blood and cerebrospinal fluid of patients with cranio-cerebral trauma] Romodanov AP, et al.
Vopr Neirokhir 36:18-21, Nov-Dec 72 (Eng. Abstr.) (Rus)

CHEMICAL SYNTHESIS

Affinity chromatography: purification of bovine trypsin and thrombin. Hixson HF Jr, et al.
Arch Biochem Biophys 154:501-9, Feb 73

CLASSIFICATION

Alpha 1 -antitrypsin Pi types by crossed-electrophoresis. Creason PL, et al.
Am J Med Technol 38:292-7, Aug 72

DIAGNOSTIC USE

[Studies on the diagnostic value of trypsin inhibitor in human blood serum. 1. Normal value of trypsin inhibitor capacity and genetic frequency of trypsin inhibitor deficiency in the district Halle of the GDR] Matzel W, et al.
Dtsch Gesundheitsw 28:344-8, 4 Feb 73 (Eng. Abstr.) (Ger)

ISOLATION & PURIFICATION

An improved method of isolation of crystalline basic trypsin inhibitor from bovine tissues. Wilusz T, et al.
Acta Biochim Pol 20:25-31, 1973

Isolation and characterization of mouse serum alpha 1-antitrypsins. Myerowitz RL, et al.
Anal Biochem 48:394-409, Aug 72

Analytical gel isotachophoresis of proteins with carrier ampholyte spacers. Griffith A, et al.
Ann NY Acad Sci 209:457-69, 15 Jun 73

Purification and properties of normal human alpha 1-antitrypsin. Crawford IP.
Arch Biochem Biophys 156:215-22, May 73

Human skin proteases. Fräki JE, et al.
Arch Dermatol Forsch 243:153-63, 1972

Protease inhibitors from Streptomyces violascens. 3. Purification and some properties of the inhibitors. Torstensson NT. **Arch Mikrobiol 91:11-8, 8 Apr 73**

The purification of human serum 1 -antitrypsin by affinity chromatography on concanavalin A. Liener IE, et al.
Biochem Biophys Res Commun 51:436-43, 17 Mar 73

Activity variation between and within two soybean trypsin inhibitor electrophoretic forms. Clark RW, et al. **Biochem Genet 6:169-82, Apr 72**

Analysis of plasma 1 -antitrypsin variants and their microheterogeneity. Laurell CB, et al.
Biochim Biophys Acta 310:500-7, 15 Jun 73

Acyl azide derivatives in affinity chromatography. Immobilization of enzymatically active trypsin on beaded agarose and porous glass. Loeffler LJ, et al.
Biochim Biophys Acta 317:20-7, 12 Jul 73

The effect on chick growth of a trypsin inhibitor isolate from the field bean (Vicia faba L.). Wilson BJ, et al.
Br Poult Sci 13:521-3, Sep 72

Immunological relationship of the urinary trypsin inhibitor to a plasma -globulin. Proksch GJ, et al.
Clin Biochem 5:242-5, Dec 72

Trypsin inhibitory activity associated with the subunit of the haemocyanin of Achatina fulica. Kareem HA, et al. **Comp Biochem Physiol [B] 44:963-70, 15 Apr 73**

Broad-specificity protease-isoinhibitors for trypsin, chymotrypsin, plasmin and kallikrein from snails (Helix pomatia). Isolation, inhibition characteristics

and amino-acid composition. Tschesche H, et al. **Eur J Biochem** 30:560-70, 7 Nov 72

A protease inhibitor in bee venom. Identification, partial purification and some properties. Shkenderov S. **FEBS Lett** 33:343-7, 15 Jul 73

Isolation of three isoinhibitors of trypsin from garden bean, Phaseolus vulgaris, having either lysine or arginine at the reactive site. Wilson KA, et al. **J Biol Chem** 248:756-62, 10 Feb 73

A partially purified polypeptide fraction from rat liver cell conditioned medium with multiplication-stimulating activity for embryo fibroblasts. Dulak NC, et al. **J Cell Physiol** 81:153-60, Apr 73

Notes on the production of plasma derivatives in France. Steinbuch M. **Vox Sang** 23:56-7, Jul-Aug 72

[Separation of 2 forms of endobronchial alpha 1-antitrypsin using affinity chromatography on "Sepharose-trypsin"] Lebas J, et al. **C R Acad Sci [D] (Paris)** 276:2741-3, 9 May 73 **(Fre)**

[Human acrosin: isolation and properties] Fritz H, et al. **Hoppe Seylers Z Physiol Chem** 353:1943-9, Dec 72 (Eng. Abstr.) **(Ger)**

[Alpha-1-antitrypsin of blood serum: its biochemical properties, inborn deficiencies and biological functions] Koj A. **Przegl Lek** 29:699-705, 1972 (76 ref.) **(Pol)**

METABOLISM

Precocious emphysema and alpha 1 antitrypsin deficiency. Welch MH, et al. **Adv Intern Med** 17:379-92, 1971 (55 ref.)

Cirrhosis in an adult with emphysema and alpha 1-antitrypsin deficiency. Babb RR, et al. **Am J Dig Dis** 18:803-7, Sep 73

Infantile cirrhosis with hereditary alpha 1 -antitrypsin deficiency. Clinical improvement in two siblings. Talamo RC, et al. **Am J Dis Child** 125:845-7, Jun 73

Pathologic patterns of chronic obstructive pulmonary diseases in patients with normal and deficient levels of alpha 1 antitrypsin. Kanner RE, et al. **Am J Med** 54:706-12, Jun 73

Purification and properties of normal human alpha 1-antitrypsin. Crawford IP. **Arch Biochem Biophys** 156:215-22, May 73

Involvement of leukocytic proteases in emphysema and antitrypsin deficiency. Lieberman J. **Arch Environ Health** 27:196-200, Sep 73

Antitrypsin deficiency and abnormal protease inhibitor phenotypes. Mittman C, et al. **Arch Environ Health** 27:201-6, Sep 73

Trypsin--pancreatic secretory inhibitor (Kazal inhibitor) interaction. Kinetic and thermodynamic properties. Schweitz H, et al. **Biochemistry** 12:2841-6, 17 Jul 73

1 -Antitrypsin deficiency and neonatal hepatitis. Porter CA, et al. **Br Med J** 3:435-9, 19 Aug 72

Enzymes and emphysema. **Br Med J** 1:1-2, 6 Jan 73

Hepatic changes in adult alpha-1-antitrypsin deficiency. Palmer PE, et al. **Gastroenterology** 65:284-93, Aug 73

The fibrinolytic enzyme system in hypertension. Bennett B, et al. **J Clin Pathol** 26:351-3, May 73

133 Xe ventilatory studies in 1-antitrypsin deficiency. Fallat RJ, et al. **J Nucl Med** 14:5-13, Jan 73

Release of bound trypsin inhibitors in soybeans by Rhizopus oligosporus. Wang HL, et al. **J Nutr** 102:1495-9, Nov 72

Alpha 1 -antitrypsin deficiency as an indicator of susceptibility to pulmonary disease. Mittman C, et al. **J Occup Med** 15:33-8, Jan 73

The nutrition evaluation of kidney beans (Phaseolus vulgaris). The effect of nutritional value of seed germination and changes in trypsin inhibitor content. Palmer R, et al. **J Sci Food Agric** 24:937-44, Aug 73

Antitrypsin deficiency and adult cirrhosis. **Lancet** 809:925, 28 Apr 73

Antitrypsin deficiency and adult cirrhosis. **Lancet** 1:925, 28 Apr 73

Additional evidence for a deleted gene for serum alpha-1-antitrypsin. Altay C, et al. **N Engl J Med** 289:754, 4 Oct 73

Alpha-antitrypsin in the respiratory-distress syndrome. Mathis RK, et al. **N Engl J Med** 288:59-64, 11 Jan 73

Medical hazards of aerosols. 1. Bernstein IL. **Postgrad Med** 52:62-8, Dec 72

The liver in inherited metabolic diseases of childhood. Sharp HL, et al. **Prog Liver Dis** 4:463-88, 1972 (107 ref.)

Chronic obstructive pulmonary disease. A review, emphasizing roentgen pathologic correlations. Heitzman ER, et al. **Radiol Clin North Am** 11:49-75, Apr 73 (69 ref.)

[Pi system. I. Antiprotease capacity and the possibilities of its examination in preventive and clinical practice in children] Halatová A, et al. **Cesk Pediatr** 28:233-6, 1973 (Eng. Abstr.) **(Cze)**

[Transport of trypsin inhibitors across rat intestinal wall in vitro] Faudemay F, et al. **Nutr Metab** 15:213-7, 1973 (Eng. Abstr.) **(Fre)**

[Biochemistry and physiology of protease inhibitors in the respiratory tract] Reichert R, et al. **Arch Klin Exp Ohren Nasen Kehlkopfheilkd** 202:376-9, 1972 **(Ger)**

[Human thrombin inhibitors (2 -macroglobulin and antithrombin 3) during and after surgical and gynecologic-obstetrical intervention] Fischer M. **Folia Haematol (Leipz)** 98:397-407, 1972 **(Ger)**

[Concentration of low-molecular protease inhibitor in the bronchial secretion in 1 -antitrypsin deficiency] Reichert R, et al. **Pneumonologie** 147:41-5, 1972 (Eng. Abstr.) **(Ger)**

[The protease-inhibitor capacity of human bronchial mucus. Content in low molecular inhibitor and 1 -antitrypsin under physiological and physiopathological conditions] Reichert R, et al. **Pneumonologie** 147:13-20, 1972 (Eng. Abstr.) **(Ger)**

[Obstructive bronchopneumopathia, cor pulmonale and gout in two patients with homozygously inherited alpha1-antitrypsin deficiency] Fruhmann G, et al. **Verh Dtsch Ges Inn Med** 78:1635-7, 1972 **(Ger)**

[Behavior of the immunoglobulins (IgA, IgG, IgM), of complement (C'3) and other serum proteins (acid alpha 1-glycoprotein, alpha-1-antitrypsin, alpha-2-macroglobulin, haptoglobin, ceruloplasmin, transferrin) in cases of viral hepatitis] Stangalini A. **G Batteriol Virol Immunol** 65:182-9, May-Aug 72 (Eng. Abstr.) **(Ita)**

[Proteolytic enzymes and their inhibitors in chronic non-tuberculous diseases of the respiratory system] Chyrek-Borowska S, et al. **Pol Tyg Lek** 28:915-8, 1973 (34 ref.) **(Pol)**

[Role of blood clotting and fibrinolytic disorders in diabetics in the development of pathological changes in blood vessels] Chmielewski J. **Wiad Lek** 26:615-7, 1 Apr 73 **(Pol)**

[The kinin system in acute pancreatitis] Ognev IuV, et al. **Vestn Khir** 108:132-5, Sep 72 (22 ref.) **(Rus)**

[Proteolytic enzymes and their inhibitors in the blood and cerebrospinal fluid of patients with cranio-cerebral trauma] Romodanov AP, et al. **Vopr Neirokhir** 36:18-21, Nov-Dec 72 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Studies on the role of protease inhibitor from potato bulbs in digesting protein food. Worowski K, et al. **Acta Physiol Pol** 24:361-70, 1973

The neurohumoral control of pancreatic exocrine secretion. Brooks FP. **Am J Clin Nutr** 26:291-310, Mar 73 (226 ref.)

Human granulocyte elastase. Further delineation of its role in connective tissue damage. Janoff A. **Am J Pathol** 68:579-92, Sep 72 (22 ref.)

Isolation and characterization of mouse serum alpha 1-antitrypsins. Myerowitz RL, et al. **Anal Biochem** 48:394-409, Aug 72

Involvement of leukocytic proteases in emphysema and antitrypsin deficiency. Lieberman J. **Arch Environ Health** 27:196-200, Sep 73

Effect of concanavalin A on the sensitivity of mouse L cell surface glycoproteins to proteolysis. Brown JC. **Biochem Biophys Res Commun** 51:686-92, 2 Apr 73

Further evidence for an active center in streptokinase-plasminogen complex; interaction with pancreatic trypsin inhibitor. Reddy KN, et al. **Biochem Biophys Res Commun** 51:672-9, 2 Apr 73

The secretion of fibrinolysin by cultured rat ovarian tumor cells. Yunis AA, et al. **Biochem Biophys Res Commun** 52:1003-12, 8 Jun 73

Wheat-germ aspartate transcarbamoylase. The effects of ligands on the inactivation of the enzyme by trypsin and denaturing agents. Yon RJ. **Biochem J** 131:699-706, Apr 73

Glass activated kallikrein from human plasma. Henriques OB, et al. **Biochem Pharmacol** 21:3163-9, 1 Dec 72

Effect of low levels of trypsin on erythrocyte

membranes. Avruch J, et al.
Biochim Biophys Acta 291:494-505, 26 Jan 73
On the solubilization of NADPH-cytochrome c reductase from rat liver microsomes with crude pancreatic lipase. Buege JA, et al.
Biochim Biophys Acta 286:433-6, 29 Dec 72
Proteolytic enzymes in extracts of Schistosoma mansoni cercariae. Dresden MH, et al.
Biochim Biophys Acta 289:378-84, 7 Dec 72
Proteases of macrophages in rat peritoneal exudate, with special reference to the effects of actinomycete protease inhibitors. Kato T, et al.
Biochim Biophys Acta 289:187-93, 10 Nov 72
Studies on acrosomal proteinase of rabbit spermatozoa. Stambaugh R, et al.
Biochim Biophys Acta 284:473-7, 12 Oct 72
The kinetics of inhibition of rabbit sperm acrosomal proteinase by 1-chloro-3-tosylamido-7-amino-2-heptanone (TLCK). Connors EC, et al. **Biol Reprod** 9:57-60, Aug 73
Blockage of fertilization in Rana pipiens by trypsin inhibitors. Greenslade FC, et al.
Biol Reprod 8:306-10, Apr 73
Membrane-mediated synthesis of tissue factor (thromboplastin) in cultured fibroblasts. Zacharski LR, et al. **Blood** 41:679-85, May 73
Agglutination of normal and malignant cells by concanavalin A in relation to cell surface structure. Payne NE, et al. **Br J Cancer** 28:86, Jul 73
Changes in growth and adhesion of Ehrlich ascites tumour cells coated with trypsin inhibitor (soybean). Whur P, et al. **Br J Cancer** 28:80, Jul 73
Alpha-1-antitrypsin deficiency and pulmonary emphysema: the role of proteolytic enzymes and their inhibitors. Hutchison DC.
Br J Dis Chest 67:171-96, Jul 73 (103 ref.)
A comparison of fractions prepared from navy (haricot) beans (Phaseolus vulgaris L.) in diets for germ-free and convential chicks. Hewitt D, et al.
Br J Nutr 29:423-35, May 73
The effect on chick growth of a trypsin inhibitor isolate from the field bean (Vicia faba L.). Wilson BJ, et al.
Br Poult Sci 13:521-3, Sep 72
Lactobacillus plantarum exoribonuclease: the effect of partial tryptic digestion on enzyme kinetics and the mode of degradation. Gardonio EC, et al.
Can J Biochem 51:412-20, Apr 73
Effects of protease inhibitors on growth of hamster tumor cells in culture. Goetz IE, et al.
Cancer Res 32:2469-74, Nov 72
Effect of collagenolytic activity in basal cell epithelioma of the skin on reconstituted collagen and physical properties and kinetics of the crude enzyme. Yamanishi Y, et al. **Cancer Res** 32:2551-60, Nov 72
Digestive processes of haematophagous insects--II. Trypsin from the sheep ked Melophagus ovinus (L.) (hippoboscidae, diptera) and its inhibition by mammalian sera. Gooding RH.
Comp Biochem Physiol [B] 43:815-24, 15 Dec 72
Lipolytic effects of high concentrations of insulin on isolated fat cells. Enhancement of the response to lipolytic hormones. Lavis VR, et al.
Diabetes 22:629-36, Aug 73
Amylase secretion by rat pancreas following prolonged stimulation by unheated soybean flour. Konijn AM, et al. **Digestion** 6:330-7, 1972
Acrosomal proteolytic activity of amphibian sperm. A direct demonstration. Penn A, et al.
Exp Cell Res 74:285-8, Sep 72
Evidence for an insulin receptor in muscle. Renner R.
FEBS Lett 32:87-90, 15 May 73
A protease inhibitor in bee venom. Identification, partial purification and some properties. Shkenderov S. **FEBS Lett** 33:343-7, 15 Jul 73
Effect of collagenase on human growth hormone and ACTH. Baumann JB, et al.
Horm Metab Res 5:228, May 73
Effects of human serum inhibitors on immunologic properties of B. subtilis alkaline proteinase. Wicher V, et al. **Immunochemistry** 10:239-44, Apr 73
Urate crystal induced inflammation in the rat: evidence for the combined actions of kinins, histamine and components of complement. Webster ME, et al.
Immunol Commun 1:185-98, 1972
Dissociation of single cells from lung or kidney tissue with elastase. Phillips HJ. **In Vitro** 8:101-5, Sep-Oct 72
Studies on sperm-ovum interaction. I. Effect of an inhibitor of proteolytic enzyme on fertilization. Gaur RD, et al. **Indian J Med Res** 60:932-7, Jun 72
Intrinsic activation of plasma kinin formation and complement. Eisen V, et al.
Int Arch Allergy Appl Immunol 45:91-4, 1973
The mechanism of action of macrophage migration inhibitory factor (MIF). Pick E, et al.
Int Arch Allergy Appl Immunol 45:295-8, 1973
Induction of cell division: role of cell membrane sites. Sivak A. **J Cell Physiol** 80:167-73, Oct 72
The effect of trypsin on membrane transport of non-electrolytes. Tsan MF, et al.
J Cell Physiol 81:251-6, Apr 73
Intermediate cells of the pancreas. II. The effects of dietary soybean trypsin inhibitor on acinar-beta cell structure and function in the rat. Melmed RN, et al.
J Cell Sci 13:279-95, Jul 73
Degradation of human fibrinogen by plasma alpha2-macroglobulin-enzyme complexes. Harpel PC, et al. **J Clin Invest** 52:2175-84, Sep 73
Plasmin-induced platelet aggregation and platelet release reaction. Effects on hemostasis. Niewiarowski S, et al. **J Clin Invest** 52:1647-59, Jul 73
Plasmin-induced platelet aggregation and platelet release reaction. Effects on hemostasis. Niewiarowski S, et al. **J Clin Invest** 22:1647-59, Jul 73
Plasma inhibitors of the components of the fibrinolytic pathway in man. Schreiber AD, et al.
J Clin Invest 52:1394-401, Jun 73
In vitro fertilization and capacitation-like interaction in the hydroid Campanularia flexuosa. O'Rand MG.
J Exp Zool 182:299-305, Dec 72
Cholera immunology. II. Serum and intestinal secretion antibody response after naturally occurring cholera. Waldman RH, et al. **J Infect Dis** 126:401-7, Oct 72
The induction of emphysema with elastase. I. The evolution of the lesion and the influence of serum. Kaplan PD, et al. **J Lab Clin Med** 82:349-56, Sep 73
Studies on the mechanism of inflammation induced by calcium pyrophosphate crystals. Spilberg I.
J Lab Clin Med 82:86-91, Jul 73
Cleavage of viral precursor proteins in vivo and in vitro. Korant BD. **J Virol** 10:751-9, Oct 72
Inhibition of cleavage of large poliovirus-specific precursor proteins in infected HeLa cells by inhibitors of proteolytic enzymes. Summers DF, et al.
J Virol 10:880-4, Oct 72
Protease activity establishes the block against polyspermy in sea urchin eggs. Vacquier VD, et al.
Nature 240:352-3, 8 Dec 72
Study of the antiproteolytic activity of fenamates and indomethacin. Stančíková M, et al.
Pharmacology 9:80-4, 1973
Selective inhibition of growth of transformed cells by protease inhibitors. Schnebli HP, et al.
Proc Natl Acad Sci USA 69:3825-7, Dec 72
Protein, as a regulator of pancreatic enzyme secretion in the rat. Green GM, et al.
Proc Soc Exp Biol Med 142:1162-7, Apr 73
Effects of female reproductive tract secretions on rabbit sperm. II. Control of sperm hyaluronidase release. Lewis BK, et al.
Proc Soc Exp Biol Med 141:719-24, Nov 72
Disulfide-toxicity relationship of botulinal toxin types A, E, and F. Sugiyama H, et al.
Proc Soc Exp Biol Med 143:589-91, Jul 73
Effect of plasma kallikrein on coagulation in vitro. Wuepper KD, et al.
Proc Soc Exp Biol Med 141:271-6, Oct 72
The inhibition of tissue plasminogen activator and urokinase-induced fibrinolysis by some natural proteinase inhibitors and by plasma and serum from normal and pregnant subjects. Thorsen S.
Scand J Clin Lab Invest 31:51-9, Jan 73
The effect of soy bean trypsin inhibitor on kaolin induced activation of factor VII. Brozović M, et al.
Scand J Haematol 9:509-19, 1972
Inactivation of platelet factor 4 in plasma. Eika C, et al.
Scand J Haematol 9:343-50, 1972
Zymogens of proteolytic enzymes. Kassell B, et al.
Science 180:1022-7, 8 Jun 73 (43 ref.)
Effect of para-aminomethylbenzoic acid on the post-irradiation disturbance of haemocoagulation in dogs after whole-body exposure to 600 R. Pospíšil J, et al. **Strahlentherapie** 144:728-36, Dec 72
The effects of some synthetic compounds on in vitro fibrinolytic activity measured by different methods and the relevance to activity in vivo. Baillie AJ, et al.
Thromb Diath Haemorrh 28:351-8, 31 Dec 72
Studies on the activation of human factor XIII. Sheltawy MJ, et al.
Thromb Diath Haemorrh 28:473-82, 31 Dec 72
Coagulant and esterase activities of thrombin and

Bothrops atrox venom. Devi A, et al.
Toxicon 10:563-73, Oct 72
[Biochemical data on trypsin secretion in the pharynx of 2 polychaetous annelids] Michel C.
Ann Histochim 17:243-9, Jul-Sep 72 (Eng. Abstr.) **(Fre)**
[Partial purification of a trypsin type enzyme produced by Streptomyces paromomycinus (paromotrypsin)] Dostal JP, et al.
C R Acad Sci [D] (Paris) 276:217-20, 8 Jan 73 **(Fre)**
[Effect of trypsin and trypsin inhibitors on pancreatic secretion] Laporte JC, et al.
Nutr Metab 15:192-206, 1973 (Eng. Abstr.) **(Fre)**
[Leukocyte and tissue cathepsin inhibition caused by the respiratory epithelium inhibitor and serum alpha-1-antitrypsin] Reichert R, et al.
Acta Otolaryngol (Stockh) 75:239-42, Feb-Mar 73 **(Ger)** (Eng. Abstr.)
[Possibilities for inactivation of protease activity in sputum by protease inhibitors in chronic obstructive airway diseases] Rasche B, et al.
Res Exp Med (Berl) 158:229-45, 1972 (Eng. Abstr.) **(Ger)**
[Experimental and clinical studies of activities of various trypsin inhibitors and their effects on the exocrine pancreatic function] Matsuno S.
Jap J Gastroenterol 70:553-64, Jun 73 (Eng. Abstr.) **(Jap)**

PHYSIOLOGY

Neutrophil proteases in inflammation. Janoff A.
Annu Rev Med 23:177-90, 1972 (78 ref.)
[Genetically determined pulmonary emphysema] Pawlikowski T.
Wiad Lek 26:1223-6, 1 Jul 73 (29 ref.) (Eng. Abstr.) **(Pol)**

RADIATION EFFECTS

Irradiation of chicken egg white. I. Effect on proteinase inhibitors. Fossum K, et al.
Acta Vet Scand 14:118-28, 1973

THERAPEUTIC USE

The influence of proteolytic enzyme inhibitors on traumatic swelling. Rosenthal SM.
J Trauma 13:548-53, Jun 73
[Acute traumatic pancreatitis] Van den Spiegel A, et al.
Acta Chir Belg 72:60-7, Jan 73 (Eng. Abstr.) **(Fre)**
[The antirheumatic enzyme therapy approach] Galmiche P, et al.
Rev Rhum Mal Osteoartic 39:215-20, Mar 72 (Eng. Abstr.) **(Fre)**
[Pulmonary emphysema and deficiency of alpha 1 antitrypsin] Bergmann KC.
Z Erkr Atmungsorgane 136:307-10, 1972 **(Ger)**
[Effect of anti-enzyme therapy on experimental pancreatitis in the dog] Metzl J, et al.
Z Exp Chir 4:107-14, 1971 (Eng. Abstr.) **(Ger)**
[Topical treatment of duodenal and pancreatic fistulas with protease inhibitors] Richter H.
Zentralbl Chir 97:1820-3, 16 Dec 72 **(Ger)**
[Use of proteolytic enzyme inhibitors in the complex treatment of septic diseases in children] Sitkovskiĭ NB, et al. **Klin Khir** 8:49-53, Aug 72 **(Rus)**
[The pathogenesis and treatment of acute purulent peritonitis] Ivashkevich GA.
Vestn Khir 108:30-3, Sep 72 (Eng. Abstr.) **(Rus)**
[Hemorrhage from duodenal ulcers] Kryshtal'skaia LR.
Vestn Khir 108:18-20, Jul 72 (Eng. Abstr.) **(Rus)**

URINE

Immunological relationship of the urinary trypsin inhibitor to a plasma -globulin. Proksch GJ, et al.
Clin Biochem 5:242-5, Dec 72

TRYPSINOGEN

Preparation and characterization of guanidinated trypsinogen and -guanidinated trypsin. Robinson NC, et al. **Biochemistry** 12:414-20, 30 Jan 73
The relation of the -amino group of trypsin to enzyme function and zymogen activation. Robinson NC, et al.
Biochemistry 12:420-6, 30 Jan 73
Interaction between proteases and bovine erythrocyte membranes. Burkholder DE, et al.
Biochim Biophys Acta 282:135-45, 1 Sep 72
Release of enteropeptidase and other brush-border enzymes from the small intestinal wall in the rat. Nordström C.
Biochim Biophys Acta 289:367-77, 7 Dec 72
On the physiological role of 2 -macroglobulin. Rinderknecht H, et al.
Biochim Biophys Acta 295:233-44, 25 Jan 73
Rhizopus acid proteinases (rhizopus-pepsins): properties and homology with other acid proteinases. Graham JE, et al. **Can J Biochem** 51:789-96, Jun 73
The crystal and molecular structure of DIP-inhibited bovine trypsin at2.7Angstrom resolution. Stroud RM, et al.
Cold Spring Harbor Symp Quant Biol 36:125-40, 1971
[Role of purified pancreatic enzymes in the etiology of vesicular inflammatory processes. Experimental study] Gramática L.
Rev Esp Enferm Apar Dig 39:365-76, 15 Feb 73 **(Spa)**

ANALYSIS

Hypotension and release of kinin-forming enzyme into ascitic fluid exudate during experimental pancreatitis in dogs. Satake K, et al.
Ann Surg 177:497-502, Apr 73
Preparation and characterization of guanidinated trypsinogen and -guanidinated trypsin. Robinson NC, et al. **Biochemistry** 12:414-20, 30 Jan 73
Phylogeny of trypsinogen activation peptides. Bricteux-Grégoire S, et al.
Comp Biochem Physiol [B] 42:23-39, 15 May 72
Intraductal activation of pancreatic zymogens behind a carcinoma of the pancreas. Allan BJ, et al.
Gastroenterology 65:412-8, Sep 73
Gas-liquid chromatographic analysis of tryptophan in proteins. Gehrke CW, et al.
J Chromatogr 76:77-89, 7 Feb 73
Inactivation of bovine trypsinogen and chymotrypsinogen by diisopropylphosphorofluoridate. Morgan PH, et al.
Proc Natl Acad Sci USA 69:3312-6, Nov 72
Insulin levels in acute experimental pancreatitis in dogs. Satake K, et al.
Surg Gynecol Obstet 137:467-71, Sep 73
[Composition of human pancreatic juice. Immunoenzymological studies] Clemente F, et al.
Eur J Biochem 31:186-93, 21 Nov 72 (Eng. Abstr.) **(Fre)**

ANTAGONISTS & INHIBITORS

Inactivation of bovine trypsinogen and chymotrypsinogen by diisopropylphosphorofluoridate. Morgan PH, et al.
Proc Natl Acad Sci USA 69:3312-6, Nov 72
Protection afforded to trypsin and trypsinogen by calcium ion from inactivation by chlorambucil. Griffiths AE, et al.
Proc Soc Exp Biol Med 142:1045-7, Mar 73

BIOSYNTHESIS

The relative turnover time in vivo of the intracellular transport of five hydrolases in the pancreas of the rat. Christophe J, et al.
Biochim Biophys Acta 308:285-95, 10 May 73
[The cellular biology of the exocrine pancreas] Christophe J, et al.
Bull Acad R Med Belg 12:323-59, 1972 (Eng. Abstr.) **(Fre)**

BLOOD

Urinary excretion and metabolism of trypsin and trypsinogen: experimental study. Romero F, et al.
Ann Surg 176:149-53, Aug 72
The twenty-four excretion of trypsin and trypsinogen in the urine. Romero F, et al.
Ann Surg 176:154-8, Aug 72
Experimental pancreatitis in the dog. Demonstration of trypsin in ascitic fluid, lymph and plasma. Ohlsson K, et al. **Scand J Gastroenterol** 8:129-33, 1973

ISOLATION & PURIFICATION

Phylogeny of trypsinogen activation peptides. Bricteux-Grégoire S, et al.
Comp Biochem Physiol [B] 42:23-39, 15 May 72

METABOLISM

Urinary excretion and metabolism of trypsin and trypsinogen: experimental study. Romero F, et al. **Ann Surg** 176:149-53, Aug 72

Some properties of acid protease from the thermophilic fungus, Penicillium duponti K1014. Hashimoto H, et al. **Appl Microbiol** 25:578-83, Apr 73

Comparative specificity of microbial acid proteinases for synthetic peptides. 3. Relationship with their trypsinogen activating ability. Morihara K, et al. **Arch Biochem Biophys** 152:561-72, Aug 73

Effect of dietary fat on pancreatic lipase levels in the rat. Gidez LI. **J Lipid Res** 14:169-77, Mar 73

Exocrine pancreatic disease in childhood. Walker-Smith JA. **Med J Aust** 1:704-8, 7 Apr 73

Inactivation of bovine trypsinogen and chymotrypsinogen by diisopropylphosphorofluoridate. Morgan PH, et al. **Proc Natl Acad Sci USA** 69:3312-6, Nov 72

Zymogens of proteolytic enzymes. Kassell B, et al. **Science** 180:1022-7, 8 Jun 73 (43 ref.)

The effects of bile salts on some coagulation components and related enzymes. Engel AM, et al. **Thromb Diath Haemorrh** 27:594-609, 31 Jul 72

[Recent data on exocrine pancreas enzymes] Desnuelle P. **C R Soc Biol (Paris)** 166:238-53, 9 Nov 72 **(Fre)**

URINE

Urinary excretion and metabolism of trypsin and trypsinogen: experimental study. Romero F, et al. **Ann Surg** 176:149-53, Aug 72

The twenty-four excretion of trypsin and trypsinogen in the urine. Romero F, et al. **Ann Surg** 176:154-8, Aug 72

VITAMIN K

Study of the hydrolysis of acetyl- and butyryl thiocholine in cerebellum of rat using a new histochemical technique (menadione-NBT). Toledano A, et al. **Ann Histochim** 17:289-304, Oct-Dec 72

Metabolic roles of fat-soluble vitamins D, E, and K. Wasserman RH, et al. **Annu Rev Biochem** 41:179-202, 1972 (185 ref.)

Inhibition of ferritin reduction by pyrazolo(3,4d)pyrimidines. Duggan DE, et al. **Arch Biochem Biophys** 156:66-70, May 73

Tentative rules for generic descriptors and trivial names for vitamins and related compounds. **Arch Sci Physiol (Paris)** 25:5-15, 1971

The effect of experimentally induced redox changes on human rheumatoid and non-rheumatoid synovial tissue in vitro. Chayen J, et al. **Beitr Pathol** 149:127-44, Jun 73

Recommended intakes of vitamins for normal growth and development. Kodicek E. **Bibl Nutr Dieta** 18:45-64, 1973 (46 ref.)

Influence of electron transport on the interaction between membrane lipids and Triton X-100 in Halobacterium cutirubrum. Lanyi JK. **Biochemistry** 12:1433-8, 27 Mar 73

Mode of action of vitamin K. Calcium binding properties of bovine prothrombin. Nelsestuen GL, et al. **Biochemistry** 11:4961-4, 19 Dec 72

Evidence for a humoral agent capable of raising vitamin-K-dependent coagulation factors in rabbits. Karpatkin M, et al. **Br J Haematol** 24:553-62, May 73

Photomicrographic evaluation of drug-induced cataracts in cultured embryonic chick lens. Edwards A, et al. **Exp Eye Res** 15:495-8, Apr 73

The use of menadione as an intermediate hydrogen-carrier for measuring cytoplasmic dehydrogenating enzyme activities. Chayen J, et al. **Histochemie** 35:75-80, 1973

Semipermeable membranes for improving the histochemical demonstration of enzyme activities in tissue sections. 3. Lactate dehydrogenase. Meijer AE. **Histochemie** 35:165-72, 22 May 73

Vitamin K and the biosynthesis of prothrombin. 3. Structural comparison of an NH2-terminal fragment from normal and from dicoumarol-induced bovine prothrombin. Stenflo J. **J Biol Chem** 248:6325-32, 25 Sep 73

Vitamin K and the biosynthesis of prothrombin. II. Structural comparison of normal and dicoumarol-induced bovine prothrombin. Stenflo J. **J Biol Chem** 247:8167-75, 25 Dec 72

Histological and histochemical findings in muscle spindles in dystrophia myotonica. Heene R. **J Neurol Sci** 18:369-72, Apr 73

GLC analysis of menadione bisulfite addition compounds by on-column pyrolysis to menadione. Winkler VW, et al. **J Pharm Sci** 61:1462-5, Sep 72

Coagulation defects caused by diphenylhydantoin. Solomon GE, et al. **Neurology (Minneap)** 22:1165-71, Nov 72

Vitamin K and prothrombin synthesis. Suttie JW. **Nutr Rev** 31:105-9, Apr 73 (18 ref.)

Acquired coagulation disorders in children. McMillan CW, et al. **Pediatr Clin North Am** 19:1029-45, Nov 72

The mechanism of action of the radiosensitizing substance synkavit: ESR studies. Lohmann W. **Strahlentherapie** 144:319-23, Sep 72

[Favorable effects on produced Wistar rat longevity effected by various vitamin restrictions] Kayser J, et al. **C R Acad Sci [D] (Paris)** 274:3593-6, 26 Jun 72 **(Fre)**

[Chemodifferentiation of the hippocampus formation in the postnatal development of albino rats. I. Oxydoreductases] Meyer U, et al. **J Hirnforsch** 13:235-53, 1971-72 (Eng. Abstr.) **(Ger)**

[The interrelationship between vitamins A and K and their influence on the blood coagulation system] Andreenko GV, et al. **Vopr Pitan** 31:48-52, Jul-Aug 72 (Eng. Abstr.) **(Rus)**

[Vitamins. 15. Vitamin K] Nilsson IM. **Lakartidningen** 69:Suppl 3:108-10, 23 Oct 72 (Eng. Abstr.) **(Swe)**

ADMINISTRATION & DOSAGE

Vitamin K1 absorption by everted intestinal sacs of the rat. Hollander D. **Am J Physiol** 225:360-4, Aug 73

Clinical considerations for the anesthesiologist whose patient is on anticoagulant therapy. Ellison N, et al. **Anesthesiology** 39:328-36, Sep 73 (57 ref.)

Coumatetralyl poisoning in pigs and effectiveness of vitamin K1. Dobson KJ. **Aust Vet J** 49:98-100, Feb 73

Effects of vitamin K and naphthoquinones on lipid peroxide formation and oxidative demethylation by liver microsomes. Wills ED. **Biochem Pharmacol** 21:1879-83, 1 Jul 72

Experience with an elemental diet in neonatal surgery. Weinberger M, et al. **J Pediatr Surg** 8:175-84, Apr 73

On the therapeutic use of dicoumarin in Merino sheep. Irwin DH, et al. **J S Afr Vet Med Assoc** 42:19-29, Mar 71

Warfarin resistance and vitamin K requirement in the rat. Greaves JH, et al. **Lab Anim** 7:141-8, May 73

Acquired coagulation disorders in children. McMillan CW, et al. **Pediatr Clin North Am** 19:1029-45, Nov 72

The chloro analog of vitamin K: antagonism of vitamin K action in normal and warfarin-resistant rats. Shah DV, et al. **Proc Soc Exp Biol Med** 143:775-9, Jul 73

Accidental administration of syntometrine to a neonate. Brereteon-Stiles GG, et al. **S Afr Med J** 46:2052, 30 Dec 72

[Toxic effects of large doses of vitamins K 3 and B 2 on mice] Biedź-Bielawski D. **Patol Pol** 24:163-70, Jan-Mar 73 (Eng. Abstr.) **(Pol)**

ADVERSE EFFECTS

Postpartum purpura fulminans: successful management with streptokinase. Preston FE, et al. **Br Med J** 3:329-30, 11 Aug 73

Epidemiology of drugs taken by pregnant women: drugs that may affect the fetus adversely. Forfar JO, et al. **Clin Pharmacol Ther** 14:632-42, Jul-Aug 73

[20 years' experience with low birth weight infants] Svirsky-Fein A. **Harefuah** 85:20-3, 1 Jul 73 (Eng. Abstr.) **(Heb)**

ANALYSIS

Phosphorescence study of excited triplet state properties of some K vitamins and their analytical usefulness. Aaron JJ, et al. **Anal Chem** 44:2122-7, Nov 72

Glycolipid derivatives of vitamin K 1 . Johnson BC, et al. **Biochem Biophys Res Commun** 48:1437-43, 26 Sep 72

Oxidative phosphorylation in Escherichia coli K-12: the genetic and biochemical characterisations of a strain carrying a mutation in the uncB gene. Butlin JD, et al. **Biochim Biophys Acta** 292:366-75, 22 Feb 73

Gas chromatography of the fat-soluble vitamins: a review. Sheppard AJ, et al. **J Am Oil Chem Soc** 49:619-33, Nov 72 (100 ref.)

Collaborative study of the determination of menadione

sodium bisulfite in injections. Johnson RD.
J Assoc Off Anal Chem 54:593-5, May 71

[Effects of gamma radiation on vitamin E factors, Vitamin K 1 , ubiquinone and plastoquinone in spinach] Bancher E, et al.
Wien Tieraerztl Monatsschr 60:107-9, Feb-Mar 73 (Eng. Abstr.) (Ger)

ANTAGONISTS & INHIBITORS

Metabolic roles of fat-soluble vitamins D, E, and K. Wasserman RH, et al.
Annu Rev Biochem 41:179-202, 1972 (185 ref.)

Influence of nutritional factors on plasma concentration of factor II and factors VII-X and on the rate of synthesis of serum albumin in newborn rabbits. Masera G, et al. **Biol Neonate** 20:436-47, 1972

Vitamin K and the biosynthesis of prothrombin. I. Identification and purification of a dicoumarol-induced abnormal prothrombin from bovine plasma. Stenflo J, et al.
J Biol Chem 247:8160-6, 25 Dec 72

Warfarin metabolites: the anticoagulant activity and pharmacology of warfarin alcohols. Lewis RJ, et al.
J Lab Clin Med 81:925-31, Jun 73

Vitamin K and prothrombin synthesis. Suttie JW.
Nutr Rev 31:105-9, Apr 73 (18 ref.)

Pharmacology of anticoagulants. Quick AJ.
NY State J Med 73:1647-51, 15 Jun 73

The chloro analog of vitamin K: antagonism of vitamin K action in normal and warfarin-resistant rats. Shah DV, et al. **Proc Soc Exp Biol Med** 143:775-9, Jul 73

Anticoagulant-resistant rats: possible control by the use of the chloro analog of vitamin K 1 . Suttie JW.
Science 180:741-3, 18 May 73

Mechanism of action of vitamin K: demonstration of a liver precursor of prothrombin. Suttie JW.
Science 179:192-4, 12 Jan 73

[Treatment of coronary thrombosis with streptokinase] Tricot R, et al.
Arch Mal Coeur 66:661-71, May 73 (Eng. Abstr.) (Fre)

[Intramural hematoma of the intestine caused by anticoagulants (3 cases, 1 of them of the colon)] Huguier M, et al.
Chirurgie 98:427-32, May 72 (Eng. Abstr.) (Fre)

[Glomerular nephropathies treated with anticoagulants. Unusual course studied with immunofluorescence followed by repeated renal biopsies] Meyrier A, et al.
J Urol Nephrol (Paris) 78:738-40, Sep 72 (Fre)

[Hemothorax during anticoagulant treatments. Note apropos of 3 cases] Arnaud A, et al.
Mars Med 109:771-6, 1972 (Fre)

[Drug interactions with vitamin K antagonists] Thebault J, et al.
Pathol Biol (Paris) 21:639-46, Jun 73 (Eng. Abstr.) (Fre)

[Anticoagulants in old age] Sprung O.
Phlebologie 26:61-4, Jan-Mar 73 (Fre)

[Thromboembolism in surgical practice. Current aspects of its control and prophylactic treatment. 2] Toulemonde F.
Phlebologie 25:433-62, Oct-Dec 72 (202 ref.) (Eng. Abstr.) (Fre)

[Principles, limits, and modalities of application of classical anticoagulants] Vergoz D.
Phlebologie 26:105-7, Jan-Mar 73 (Fre)

[Progressive thrombosis of portal system in the course of non-alcoholic cirrhosis] Durand H, et al.
Sem Hop Paris 49:213-6, 14 Jan 73 (Eng. Abstr.) (Fre)

[Behavior of the progessive antithrombin during long-term anticoagulant therapy (Vitamin K antagonists)] Scheel H, et al.
Z Gesamte Inn Med 28:38-41 passim, 1 Feb 73 (Eng. Abstr.) (Ger)

[Current data on diagnosis and treatment of thromboembolic states] Zosin P, et al.
Med Interna (Bucur) 24:947-58, Aug 72 (Eng. Abstr.) (Rum)

BIOSYNTHESIS

Physiological effects of menaquinone deficiency in Bacillus subtilis. Farrand SK, et al.
J Bacteriol 115:1035-44, Sep 73

Pleiotropic menaquinone-deficient mutant of Bacillus subtilis. Farrand SK, et al.
J Bacteriol 115:1021-34, Sep 73

Consequences of glycerol deprivation on the synthesis of membrane components in a glycerol auxotroph of Staphylococcus aureus. Ray PH, et al.
J Bacteriol 112:413-20, Oct 72

BLOOD

Effect of warfarin anticoagulation on vitamin-K 1 metabolism in man. Shearer MJ, et al.
Br J Haematol 24:471-9, Apr 73

[The substitution of tritium labelled vitamin K3 under Marcumar treatment] Ritzl F.
Nucl Med (Stuttg) 9:401-4, 1971 (Ger)

[Defect in oral anticoagulation. Etiology and explanation] Seiler K.
Schweiz Med Wochenschr 102:1415-23, 7 Oct 72 (Eng. Abstr.) (Ger)

DIAGNOSTIC USE

Vitamin K, hepatic fatty infiltration, and Reye's syndrome. Boon DJ, et al. **Pediatrics** 51:153-4, Jan 73

[Hydrosoluble K vitamin, physiologic adjuvant in the revelation of latent tuberculinic hypersensitivity in guinea pigs] Coletsos P.
C R Acad Sci [D] (Paris) 275:615-7, 24 Jul 72 (Fre)

[Use of the vicasol test in viral hepatitis] Arakelov RA.
Klin Med (Mosk) 51:53-4, Feb 73 (Rus)

HISTORY

Nutrition classics from The Biochemical Journal 29:1273-1285, 1935. CLIV. The antihaemorrhagic vitamin of the chick. (Dam H), **Nutr Rev** 31:121, Apr 73

ISOLATION & PURIFICATION

Terpenoid quinones of the anaerobic Propionibacterium shermanii. I. (II, 3)-Tetrahydromenaquinone-9. Schwartz AC.
Arch Mikrobiol 91:273-9, 6 Jun 73

METABOLISM

Vitamin K1 absorption by everted intestinal sacs of the rat. Hollander D. **Am J Physiol** 225:360-4, Aug 73

The 3-ketodihydrosphingosine synthetase of Bacteroides melaninogenicus: induction by vitamin K. Lev M, et al. **Arch Biochem Biophys** 152:500-8, Aug 73

Studies on the localization of reaction sites within the reduced nicotinamide-adenine dinucleotide phosphate-oxygenase system of rat liver microsomes for the N- and C-oxidation of dimethylaniline and for the peroxidation of unsaturated fatty acids. Archakov AI, et al. **Biochem Pharmacol** 21:1595-602, 1 Jun 72

Progress in swine nutrition for the veterinarian. Bowland JP. **Can Vet J** 14:3-11, Jan 73 (80 ref.)

Whole-body autoradiographic study of vitamin K distribution in rat. Konishi T, et al.
Chem Pharm Bull (Tokyo) 21:220-4, Jan 73

Terminal electron transport system of M. lepraemurium. Mori T, et al.
Int J Lepr 39:813-28, Oct-Dec 71

Orientation of the cell membrane in ghosts and electron transport particles of Mycobacterium phlei. Asano A, et al. **J Biol Chem** 248:3386-97, 25 May 73

Warfarin resistance and vitamin K requirement in the rat. Greaves JH, et al. **Lab Anim** 7:141-8, May 73

Edentate diets. I. Armadillos. Meritt DA Jr.
Lab Anim Sci 23:540-2, Aug 73

Vitamin K and prothrombin synthesis. Suttie JW.
Nutr Rev 31:105-9, Apr 73 (18 ref.)

The molecular basis of hereditary clotting disorders. Ratnoff OD.
Prog Hemostasis Thromb 1:39-74, 1972 (184 ref.)

Identification of 2-methyl-1,4-naphthohydroguinone monoglucuronide as a metabolite of 2-methyl-1,4-naphthoquinone (menadione) in rat bile. Thompson RM, et al.
Res Commun Chem Pathol Pharmacol 4:543-52, Nov 72

[C-methylation of desmethylmenaquinones. II. Specificity of the methylation enzyme system of Mycobacterium phlei towards the quinone substrate] Samuel O, et al.
Biochimie 54:305-17, 1972 (Eng. Abstr.) (Fre)

[Biochemical events in erythrocyte maturation. Further results on the action site of the respiratory inhibitor F from reticulocytes in the respiratory chain] Schewe T, et al.
Acta Biol Med Ger 29:189-206, 1972 (Eng. Abstr.) (Ger)

[The substitution of tritium labelled vitamin K3 under

Marcumar treatment] Ritzl F.
Nucl Med (Stuttg) 9:401-4, 1971 (Ger)
[Special problems of long-term anticoagulation in old age] Seller K. **Praxis** 61:1494-6, 28 Nov 72 (Ger)
[Advances in hematology. Interaction of drugs with anticoagulant derivatives] Pazdur J.
Pol Arch Med Wewn 49:389-93, Oct 72 (Pol)
[Hepatic cirrhosis and intestinal absorption] De la Santa López J, et al.
Rev Clin Esp 126:533-8, 30 Sep 72 (Eng. Abstr.) (Spa)
[Vitamins. 15. Vitamin K] Nilsson IM.
Lakartidningen 69:Suppl 3:108-10, 23 Oct 72 (Eng. Abstr.) (Swe)

PHARMACODYNAMICS

Metabolic roles of fat-soluble vitamins D, E, and K. Wasserman RH, et al.
Annu Rev Biochem 41:179-202, 1972 (185 ref.)
The 3-ketodihydrosphingosine synthetase of Bacteroides melaninogenicus: induction by vitamin K. Lev M, et al. **Arch Biochem Biophys** 152:500-8, Aug 73
Actions of 2-methyl-1,4-naphthoquinone in Bacillus cereus. Klubes P, et al.
Biochem Pharmacol 21:249-61, 15 Jan 72
Effects of dicoumarol, insulin and anoxia on rat diaphragm. I. Effect on respiration, extra-cellular space and water content. Salinas M, et al.
Biochem Pharmacol 22:887-94, 15 Apr 73
Effects of vitamin K and naphthoquinones on lipid peroxide formation and oxidative demethylation by liver microsomes. Wills ED.
Biochem Pharmacol 21:1879-83, 1 Jul 72
Reduction and oxidation of longer-wavelength cytochrome b (b 566) in rat liver mitochondria under the influence of external oxidants. Muraoka S, et al.
Biochim Biophys Acta 283:36-41, 1972
Influence of nutritional factors on plasma concentration of factor II and factors VII-X and on the rate of synthesis of serum albumin in newborn rabbits. Masera G, et al. **Biol Neonate** 20:436-47, 1972
A study of the mechanism by which anticoagulation with warfarin inhibits blood-borne metastases. Brown JM. **Cancer Res** 33:1217-24, Jun 73
Vorticella--a model for chemopharmacodynamic action on smooth muscle. Maran M, et al.
Comp Gen Pharmacol 3:363-70, Sep 72
Comparative inhibitory effects of vitamins on methylating enzymes. Thithapandha A, et al.
Comp Gen Pharmacol 3:139-44, Jun 72
The effect of ubiquinone-7 and its metabolites on the immune response. Imada I, et al.
Int Arch Allergy Appl Immunol 43:898-907, 1972
Comparative transport activity of intact cells, membrane vesicles, and mesosomes of Bacillus licheniformis. MacLeod RA, et al.
J Bacteriol 113:329-40, Jan 73
Specific inhibition by macrocyclic polyethers of mitochondrial electron transport at site I. Estrada S, et al. **J Bioenerg** 3:429-43, Aug 72
Cu ++ -dependent thiol stimulation of glucose metabolism in white fat cells. Czech MP, et al.
J Biol Chem 247:6218-23, 10 Oct 72
A mechanism for the regulation of nicotinamide adenine dinucleotide-linked substrate oxidation in rat liver mitochondria. Olson MS, et al.
J Biol Chem 248:1590-7, 10 Mar 73
Warfarin metabolites: the anticoagulant activity and pharmacology of warfarin alcohols. Lewis RJ, et al.
J Lab Clin Med 81:925-31, Jun 73
Red cell metabolism in the newborn infant. VI. Irreversible oxidant-induced injury. Lubin B, et al.
J Pediatr 81:698-704, Oct 72
Platelet counts, fibrinogen concentrations, and factor V and factor VIII levels in healthy infants according to gestational age. Sell EJ, et al.
J Pediatr 82:1028-32, Jun 73
Plasma half-lives, plasma metabolites and anticoagulant efficacies of the enantiomers of warfarin in man. Hewick DS, et al.
J Pharm Pharmacol 25:458-65, Jun 73
On the therapeutic use of dicoumarin in Merino sheep. Irwin DH, et al. **J S Afr Vet Med Assoc** 42:19-29, Mar 71
Effects of various hemostyptic drugs in rats. Koehnlein HE. **Plast Reconstr Surg** 50:462-6, Nov 72
The chloro analog of vitamin K: antagonism of vitamin K action in normal and warfarin-resistant rats. Shah DV, et al. **Proc Soc Exp Biol Med** 143:775-9, Jul 73
Modification of burn shock mortality in mice by an oxidizing and a reducing agent. Shapiro HM, et al.
Proc Soc Exp Biol Med 142:968-72, Mar 73
Mechanism of action of vitamin K: demonstration of a liver precursor of prothrombin. Suttie JW.
Science 179:192-4, 12 Jan 73
[Coagulative influence of 5-oxo-6-amino-7-ketimino-6-phenyldibenzo(a.c)cycloheptan] Miloševv M, et al.
Pharmazie 27:520-1, Aug 72 (Ger)
[Action of topical anti-trichophyton agents] Takahashi H. **Jap J Dermatol [A]** 82:421-37, Jul 72 (Jap)
[Study of developmental pharmacology on vitamin K3. 3. The effect of vitamin K3 in diet on the nutrition of rats administrated vitamin K3 and incidence of dental caries in rats] Kosuge Y.
Shikwa Gakuho 73:959-65, May 73 (Eng. Abstr.) (Jap)
[The effect of different cofactors on photosynthetic phosphorylation and the termination of chloroplast fluorescence] Pronina NB, et al.
Biofizika 17:629-34, Jul-Aug 72 (Eng. Abstr.) (Rus)
[Effect of nafarin, vikasol, streptokinase and pantripin on carbohydrate metabolism in rat tissues] Smirnov PA, et al.
Farmakol Toksikol 36:58-62, Jan-Feb 73 (Eng. Abstr.) (Rus)

PHYSIOLOGY

The purification and properties of an abnormal prothrombin protein produced by dicumarol-treated cows. A comparison to normal prothrombin. Nelsestuen GL, et al.
J Biol Chem 247:8176-82, 25 Dec 72
Vitamin K and the biosynthesis of prothrombin. I. Identification and purification of a dicoumarol-induced abnormal prothrombin from bovine plasma. Stenflo J, et al.
J Biol Chem 247:8160-6, 25 Dec 72
Vitamin K and prothrombin synthesis. Suttie JW.
Nutr Rev 31:105-9, Apr 73 (18 ref.)
[Function of ubiquinone and molecular organization of the respiratory chain] Kröger A.
Hoppe Seylers Z Physiol Chem 353:685-6, May 72 (Ger)

RADIATION EFFECTS

[Effects of gamma radiation on vitamin E factors, Vitamin K 1 , ubiquinone and plastoquinone in spinach] Bancher E, et al.
Wien Tieraerztl Monatsschr 60:107-9, Feb-Mar 73 (Eng. Abstr.) (Ger)

THERAPEUTIC USE

Differential diagnosis of cholestasis. Leevy CM, et al.
Adv Intern Med 17:323-42, 1971 (67 ref.)
Vitamin K and the older infant. Lukens JN.
Am J Dis Child 124:639-40, Nov 72
Hemorrhagic diathesis and cystic fibrosis in infancy. Walters TR, et al. **Am J Dis Child** 124:641-2, Nov 72
Fetal hepatic necrosis in a woman receiving chemoprophylaxis with isoniazid. Bailey WC, et al.
Am J Gastroenterol 59:512-7, Jun 73
Management of acute stress ulcer after cardiac surgery. Taylor PC, et al. **Ann Surg** 178:1-5, Jul 73
Controlled trial of fresh frozen plasma in asphyxiated low birthweight infants. Hambleton G, et al.
Arch Dis Child 48:31-5, Jan 73
Coumatetralyl poisoning in pigs and effectiveness of vitamin K1. Dobson KJ. **Aust Vet J** 49:98-100, Feb 73
Prolonged prothrombin time and partial thromboplastin time in disseminated intravascular coagulation not due to deficiency of factors V and VIII. Mant MJ, et al. **Br J Haematol** 24:725-34, Jun 73
Fibrinolysis in cholestatic jaundice. Dioguardi N, et al.
Br Med J 2:778-9, 30 Jun 73
Massive scalp haemorrhage after fetal blood sampling due to haemorrhagic disease. Hull MG, et al.
Br Med J 4:321-2, 11 Nov 72
Postpartum purpura fulminans: successful management with streptokinase. Preston FE, et al.
Br Med J 3:329-30, 11 Aug 73
Hemorrhagic disease due to vitamin K deficiency in a premature infant: a syndrome which may resemble disseminated intravascular coagulation (DIC). Mangurten HH, et al.
Clin Pediatr (Phila) 12:372-5, Jun 73
Coagulation problems. Czapek EE.
Int Anesthesiol Clin 11:175-201, Summer 73 (66 ref.)
Prognostic value of electroencephalography in Reye's

syndrome. Aoki Y, et al.
Neurology (Minneap) 23:333-43, Apr 73
Coagulation defects caused by diphenylhydantoin. Solomon GE, et al.
Neurology (Minneap) 22:1165-71, Nov 72
A plasma protein which increases with vitamin K deficiency. **Nutr Rev 30:211-3, Sep 72 (8 ref.)**
Evolution of blood clotting factor leves in premature infants during the first 10 days of life: a study of 96 cases with comparison between clinical status and blood clotting factor levels. Jensen AH, et al.
Pediatr Res 7:638-44, Jul 73
Modification of burn shock mortality in mice by an oxidizing and a reducing agent. Shapiro HM, et al.
Proc Soc Exp Biol Med 142:968-72, Mar 73
Use of Normotest and Thrombotest, coagulation tests in hepatocellular disease. Hillenbrand P, et al.
Scand J Gastroenterol [Suppl] 19:125-31, 1973
Disturbances of coagulation mechanism in protein-calorie malnutrition. Hassanein EA, et al.
Trop Geogr Med 25:158-62, Jun 73
[A case of intramural hematoma of the small bowel during anticoagulant therapy. Resection and cure] Gillet M, et al.
Acta Chir Belg 71:352-61, Oct 72 (Eng. Abstr.) (Fre)
[Massive pulmonary embolism during bacillary tuberculous pneumonia. Remarkable effects of streptokinase] Rullière R, et al.
Ann Med Interne (Paris) 124:239-46, Mar 73 (Fre)
[Intestinal obstruction induced by anticoagulants. Apropos of 2 cases of intramural hematoma of the small intestine and colon] Stückelberg G, et al.
Schweiz Med Wochenschr 103:9-15, 6 Jan 73 (Eng. Abstr.) (Fre)
[A so-called coumarin necrosis in a child] Koch H, et al.
Monatsschr Kinderheilkd 121:68-71, Feb 73 (Eng. Abstr.) (Ger)
[Thrombotest in the 1st days of life] Waltl H, et al.
Paediatr Paedol 7:336-43, 1972 (Eng. Abstr.) (Ger)
[Thrombotest in sick premature infants] Waltl H, et al.
Paediatr Paedol 8:284-90, 1973 (Eng. Abstr.) (Ger)
[Prevention of coumarin-induced necrosis] Meskó K, et al. **Praxis 61:861-4, 27 Jun 72 (Ger)**
[Neonatal hemorrhage following maternal anticonvulsant therapy. Value of vitamin K prophylaxis] Seip M.
Tidsskr Nor Laegeforen 92:1472-3, 20 Aug 72 (Eng. Abstr.) (Nor)
[Cepevit-K preparation in controlling hemorrhages and bleeding following tooth extraction] Antoszewski Z.
Pol Tyg Lek 27:1861-2, 20 Nov 72 (Eng. Abstr.) (Pol)
[Schedule for diagnostic-therapeutic management of hemorrhagic diathesis] Sulek K.
Wiad Lek 26:417-22, 1 Mar 73 (20 ref.) (Pol)
[Vitamin therapy in ophthalmology] Margolis MG.
Oftalmol Zh 27:624-30, 1972 (Rus)
[Dermatological indications of the liposoluble vitamin concentrate Pr 112] Cabré J.
Actas Dermosifiliogr 62:411-8, Sep-Oct 71 (Eng. Abstr.) (Spa)
[Vitamins. 15. Vitamin K] Nilsson IM.
Lakartidningen 69:Suppl 3:108-10, 23 Oct 72 (Eng. Abstr.) (Swe)

TOXICITY

[Toxic effects of large doses of vitamins K 3 and B 2 on mice] Biedź-Bielawski D.
Patol Pol 24:163-70, Jan-Mar 73 (Eng. Abstr.) (Pol)
[The interrelationship between vitamins A and K and their influence on the blood coagulation system] Andreenko GV, et al.
Vopr Pitan 31:48-52, Jul-Aug 72 (Eng. Abstr.) (Rus)

VITAMIN K DEFICIENCY

Hemostatic problems in liver surgery. Rö JS.
Scand J Gastroenterol [Suppl] 19:71-81, 1973 (67 ref.)
[The behavior of prothrombin in vitamin K deficiency] Hemker HC.
Ned Tijdschr Geneeskd 116:1877-80, 14 Oct 72 (Dut)
[Intestinal parasites and oral mucosa] Broekere-Biesiadka B.
Czas Stomatol 25:799-805, Sep 72 (Eng. Abstr.) (Pol)
[Vitamins. 15. Vitamin K] Nilsson IM.
Lakartidningen 69:Suppl 3:108-10, 23 Oct 72 (Eng. Abstr.) (Swe)

BLOOD

Pediatric perplexities case no. 1. Hemorrhagic diathesis in a ten-week old female. Seeler RA.
Ill Med J 143:61-2, Jan 73
Warfarin resistance and vitamin K requirement in the rat. Greaves JH, et al. **Lab Anim 7:141-8, May 73**
A plasma protein which increases with vitamin K deficiency. **Nutr Rev 30:211-3, Sep 72 (8 ref.)**
The chloro analog of vitamin K: antagonism of vitamin K action in normal and warfarin-resistant rats. Shah DV, et al. **Proc Soc Exp Biol Med 143:775-9, Jul 73**
Study on the correlation between Normotest, Quick's method, and specific coagulation factors in liver disease. Hadchouel P, et al.
Scand J Gastroenterol [Suppl] 19:151-4, 1973
[Determination of PIVKA inhibitor in differential diagnosis of jaundice] Uszyński L.
Pol Arch Med Wewn 50:681-5, Jul 73 (Eng. Abstr.) (Pol)
[The interrelationship between vitamins A and K and their influence on the blood coagulation system] Andreenko GV, et al.
Vopr Pitan 31:48-52, Jul-Aug 72 (Eng. Abstr.) (Rus)

CHEMICALLY INDUCED

Drug-induced blood dyscrasias. Eisenhauer LA.
Nurs Clin North Am 7:799-808, Dec 72

COMPLICATIONS

Prolonged prothrombin time and partial thromboplastin time in disseminated intravascular coagulation not due to deficiency of factors V and VIII. Mant MJ, et al. **Br J Haematol 24:725-34, Jun 73**
Massive scalp haemorrhage after fetal blood sampling due to haemorrhagic disease. Hull MG, et al.
Br Med J 4:321-2, 11 Nov 72
Hemorrhagic disease due to vitamin K deficiency in a premature infant: a syndrome which may resemble disseminated intravascular coagulation (DIC). Mangurten HH, et al.
Clin Pediatr (Phila) 12:372-5, Jun 73
Prevention of intravascular haemorrhage in low-birthweight babies. Thomas DB, et al.
Lancet 2:562, 8 Sep 73
Diagnosis of hemorrhagic disorders. Nemerson Y.
Med Clin North Am 57:531-41, Mar 73 (30 ref.)

DIAGNOSIS

Vitamin K and the older infant. Lukens JN.
Am J Dis Child 124:639-40, Nov 72
Pediatric perplexities case no. 1. Hemorrhagic diathesis in a ten-week old female. Seeler RA.
Ill Med J 143:61-2, Jan 73

DRUG THERAPY

Vitamin K and the older infant. Lukens JN.
Am J Dis Child 124:639-40, Nov 72
Hemorrhagic diathesis and cystic fibrosis in infancy. Walters TR, et al. **Am J Dis Child 124:641-2, Nov 72**
A plasma protein which increases with vitamin K deficiency. **Nutr Rev 30:211-3, Sep 72 (8 ref.)**

ENZYMOLOGY

Activity of a rat-liver glycoprotein: sialyltransferase utilizing desialyzed prothrombin as an acceptor in normal and hypothrombinemic animals. Bernacki RJ, et al. **Eur J Biochem 33:49-58, 15 Feb 73**
Rat-liver-sialidase activity utilizing a tritium-labeled sialic-acid derivative of glycoprotein substrates. Activity in normal and hypothrombinemic rats. Bernacki RJ, et al. **Eur J Biochem 34:425-33, 2 May 73**

ETIOLOGY

Vitamin K and the older infant. Lukens JN.
Am J Dis Child 124:639-40, Nov 72
Hemorrhagic diathesis and cystic fibrosis in infancy. Walters TR, et al. **Am J Dis Child 124:641-2, Nov 72**
Hemorrhagic disease due to vitamin K deficiency in a premature infant: a syndrome which may resemble disseminated intravascular coagulation (DIC). Mangurten HH, et al.
Clin Pediatr (Phila) 12:372-5, Jun 73
Pediatric perplexities case no. 1. Hemorrhagic

diathesis in a ten-week old female. Seeler RA. **Ill Med J** 143:61-2, Jan 73
Warfarin resistance and vitamin K requirement in the rat. Greaves JH, et al. **Lab Anim** 7:141-8, May 73
Acquired coagulation disorders in children. McMillan CW, et al. **Pediatr Clin North Am** 19:1029-45, Nov 72
[Hypopothrombinemia and bleeding in an infant on a soy bean diet] Tamir D, et al. **Harefuah** 83:242-3, 15 Sep 72 (Eng. Abstr.) **(Heb)**

METABOLISM

Coagulation factor variants. Bloom AL. **Br J Haematol** 23:643-7, Dec 72 (34 ref.)
Vitamin K and prothrombin synthesis. Suttie JW. **Nutr Rev** 31:105-9, Apr 73 (18 ref.)
Study on the correlation between Normotest, Quick's method, and specific coagulation factors in liver disease. Hadchouel P, et al. **Scand J Gastroenterol [Suppl]** 19:151-4, 1973
[Mechanisms of action of oral anticoagulants] Uszyński L. **Acta Haematol Pol** 3:133-9, Apr-Jun 72 (Eng. Abstr.) **(Pol)**
[Deamination of various nitrogenous compounds in the liver mitochondria of rats with vitamin K deficiency] Akopian ZhI, et al. **Biull Eksp Biol Med** 73:26-8, Nov 72 (Eng. Abstr.) **(Rus)**

VETERINARY

Warfarin resistance and vitamin K requirement in the rat. Greaves JH, et al. **Lab Anim** 7:141-8, May 73
Thromboplastic activity of acetone-dehydrated chicken brain powder extracts after repeated extraction and dilution. Shum YS, et al. **Poult Sci** 51:402-7, Mar 72

VON WILLEBRAND'S DISEASE

Von Willebrand's disease. Pitney WR. **Aust NZ J Med** 3:305-6, Jun 73
A new approach to the surgical management of patients with von Willebrand's disease. Westwood RM, et al. **J Oral Surg** 31:483-6, Jun 73
Tooth extractions in hemophiliacs after administration of a single dose of factor VIII or factor IX concentrate supplemented with AMCA. Björlin G, et al. **Oral Surg** 36:482-9, Oct 73
[Von-Willebrand-Jürgens syndrome] Winckelmann G. **Med Klin** 68:37-42, 12 Jan 73 **(Ger)**
[Von Willebrand's disease] Yamada S. **Jap J Clin Med** 31:805-9, Apr 73 (86 ref.) **(Jap)**
[Congenital thrombopathies] Outeiriño Hernanz J, et al. **Rev Clin Esp** 128:93-100, 31 Jan 73 (35 ref.) **(Spa)**

BLOOD

Inactive factor VIII in hemophilia A and Willebrand's disease. A study of 117 cases. Lechner K. **Acta Haematol (Basel)** 48:257-68, 1972
Platelet function tests and thrombosis. O'Brien JR. **Adv Exp Med Biol** 34:43-54, 1972 (10 ref.)
A standardized test of platelet adhesiveness. Zacharski LR, et al. **Am J Clin Pathol** 58:422-7, Oct 72
Familial occurrence of von Willebrand's disease, thrombocytopenia, and severe gastrointestinal bleeding. Corder MP, et al. **Am J Med Sci** 265:219-23, Mar 73
Vascular hemostasis: a review. Stevens DJ. **Am J Med Technol** 39:252-7, Jun 73 (50 ref.)
Platelet abnormalities in von Willebrand's disease. Bowie EJ, et al. **Ann NY Acad Sci** 201:400-20, 27 Oct 72
Abnormalities in platelet function due to defects in the release reaction. Weiss HJ. **Ann NY Acad Sci** 201:161-73, 27 Oct 72
Von Willebrand's disease type B: a newly defined bleeding diathesis. Firkin B, et al. **Aust NZ J Med** 3:225-9, Jun 73
Von Willebrand's disease. Pitney WR. **Aust NZ J Med** 3:305-6, Jun 73
Direct assessment of platelet adhesion to glass: a study of the forces of interaction and the effects of plasma and serum factors, platelet function, and modification of the glass surface. George JN. **Blood** 40:862-74, Dec 72
Properties of the platelet retention (von Willebrand) factor and its similarity to the antihemophilic factor (AHF). Weiss HJ, et al. **Blood** 41:809-15, Jun 73
Application of immunological techniques to the study of classic haemophilia and von Willebrand's disease. Bennett B. **Br J Haematol** 25:273-4, Aug 73
Increased platelet adhesiveness as a familial characteristic. Papayannis AG, et al. **Br J Haematol** 24:435-41, Apr 73
Hemorrhagic diathesis resembling pseudohemophilia in a dog. Myers LJ, et al. **J Am Vet Med Assoc** 161:1028-9, 1 Nov 72
Studies on the nature of antihemophilic factor (factor VIII). Further evidence relating the AHF-like antigens in normal and hemophilic plasmas. Bennett B, et al. **J Clin Invest** 52:2191-7, Sep 73
Low-molecular-weight factor VIII. Bloom AL, et al. **Lancet** 1:661-2, 24 Mar 73
Low-molecular-weight factor VIII. Bloom AL, et al. **Lancet** 1:1000, 5 May 73
Factor-VIII-like antigen. Boulton FE. **Lancet** 1:1446, 23 Jun 73
Low-molecular-weight factor VIII. Bouma BN, et al. **Lancet** 1:1001, 5 May 73
Factor VIII. Graham JB, et al. **Lancet** 2:388, 18 Aug 73
Low-molecular-weight factor VIII. Weiss HJ. **Lancet** 1:1000, 5 May 73
Low-molecular-weight factor 8. **Lancet** 1:827, 14 Apr 73
Immunologic heterogeneity of hemophilia. Colman RW. **N Engl J Med** 288:369-70, 15 Feb 73
Two genetic variants of von Willebrand's disease. Holmberg L, et al. **N Engl J Med** 288:595-8, 22 Mar 73
Detection of heterozygotes for recessive von Willebrand's disease by the assay of antihemophilic-factor-like antigen. Veltkamp JJ, et al. **N Engl J Med** 289:882-5, 25 Oct 73
Interaction between platelets and von Willebrand factor provides a new scheme for primary haemostasis. Caen JP, et al. **Nature [New Biol]** 244:159-60, 1 Aug 73
Immunological studies of factor VIII in haemophilia and von Willebrand's disease. Gralnick HR, et al. **Nature [New Biol]** 244:281-2, 29 Aug 73
Von Willebrand's disease in pregnancy. Noller KL, et al. **Obstet Gynecol** 41:865-72, Jun 73
A 1973 look at hemophilia and von Willebrand's disease. Ratnoff OD. **Proc Inst Med Chic** 29:296-304, May-Jun 73 (44 ref.)
[Molecular-biology findings on various blood clotting factors] Fiedler H. **Folia Haematol (Leipz)** 98:121-39, 1972 (121 ref.) (Eng. Abstr.) **(Ger)**
[Efficiency and limits of platelet function tests in the diagnosis of hemorrhagic diathesis] Linker H, et al. **Internist (Berlin)** 14:143-8, Apr 73 **(Ger)**
[Function, aggregation tendency and adhesiveness of thrombocytes in comparison with blood viscosity in Von Willebrand's syndrome and uremia] Angelkort B, et al. **Med Welt** 23:1808-10, 25 Nov 72 **(Ger)**
[Measurement of platelet adhesiveness using a modified form of the Hellem II method with special reference to Von Willebrand-Jürgens syndrome] Niessner H. **Thromb Diath Haemorrh** 27:434-51, 31 Jul 72 (Eng. Abstr.) **(Ger)**
[Inactive factor VIII in hemophilia A and Willebrand's disease] Lechner K. **Verh Dtsch Ges Inn Med** 78:710-3, 1972 **(Ger)**
[Lowered ADP-aggregability of platelets in von Willebrand's disease, first clarified by filtration pressure method] Sano T, et al. **J Jap Soc Intern Med** 62:480-4, 10 May 73 **(Jap)**
[Determination of platelet adhesiveness by the modified Hellem II method] Nakazawa S, et al. **Jap J Clin Pathol** 20:561-4, Aug 72 **(Jap)**

CLASSIFICATION

Two genetic variants of von Willebrand's disease. Holmberg L, et al. **N Engl J Med** 288:595-8, 22 Mar 73
Variants of von Willebrand's disease. Pechet L, et al. **N Engl J Med** 288:1129-30, 24 May 73

COMPLICATIONS

Familial occurrence of von Willebrand's disease, thrombocytopenia, and severe gastrointestinal bleeding. Corder MP, et al. **Am J Med Sci** 265:219-23, Mar 73
Von Willebrand's disease in pregnancy. Noller KL, et al. **Obstet Gynecol** 41:865-72, Jun 73
[Dental surgery in patients with coagulopathies. 3] Björlin G, et al.

Sven Tandlak Tidskr 65:411-21, Aug 72 (Eng. Abstr.) (Swe)

DIAGNOSIS

In vitro platelet adhesiveness. Methods of study and clinical significance. Meyer D.
Adv Exp Med Biol 34:123-47, 1972
Metabolic disorders of platelets. Hellem AJ.
Adv Intern Med 17:171-87, 1971 (69 ref.)
The value of measuring platelet "adhesiveness" in the diagnosis of bleeding diseases. Bowie EJ, et al.
Am J Clin Pathol 60:302-8, Sep 73
The diagnosis of von Willebrand's disease. Bowie EJ, et al. Ann Clin Lab Sci 1:85-91, Jul-Aug 71 (39 ref.)
Ristocetin: a means of differentiating von Willebrand's disease into two groups. Howard MA, et al.
Blood 41:687-90, May 73
Properties of the platelet retention (von Willebrand) factor and its similarity to the antihemophilic factor (AHF). Weiss HJ, et al. Blood 41:809-15, Jun 73
The clinical relevance of platelet function tests. McBride JA, et al.
Br J Haematol 23:Suppl:201-8, Sep 72 (36 ref.)
AHF-related protein and precipitation reactions. Holmberg L, et al. Br Med J 1:549, 3 Mar 73
Antigen-biological-activity ratio for factor VIII. Hougie C, et al. Lancet 1:616-7, 17 Mar 73
Septal dermoplasty for von Willebrand's disease in children. Letson JA Jr, et al.
Laryngoscope 83:1078-83, Jul 73
Two genetic variants of von Willebrand's disease. Veltkamp JJ, et al. N Engl J Med 288:1411-2, 28 Jun 73
Detection of heterozygotes for recessive von Willebrand's disease by the assay of antihemophilic-factor-like antigen. Veltkamp JJ, et al.
N Engl J Med 289:882-5, 25 Oct 73
Diagnosis and treatment of inherited bleeding disorders. Strauss HS.
Pediatr Clin North Am 19:1009-28, Nov 72 (79 ref.)
Laboratory approach to platelet disorders. Davey FR.
Postgrad Med 54:109-12 passim, Aug 73
[Efficiency and limits of immunologic methods in the diagnosis of blood coagulation] Schwick HG, et al.
Internist (Berlin) 14:160-9, Apr 73 (Ger)
[Von-Willebrand-Jürgens syndrome] Winckelmann G.
Med Klin 68:37-42, 12 Jan 73 (Ger)
[Clinical forms and therapy of thrombopenic syndromes] Ricca M, et al.
Minerva Pediatr 24:1404-30, 15 Sep 72 (Ita)
[Von Willebrand's disease] Yamada S.
Jap J Clin Med 31:805-9, Apr 73 (86 ref.) (Jap)

DRUG THERAPY

Von Willebrand's disease in pregnancy. Noller KL, et al.
Obstet Gynecol 41:865-72, Jun 73
[Von-Willebrand-Jürgens syndrome] Winckelmann G.
Med Klin 68:37-42, 12 Jan 73 (Ger)
[The treatment of inherited coagulation disorders] Blombäck M, et al.
Lakartidningen 69:Suppl 4:76-84, 27 Dec 72 (Eng. Abstr.) (Swe)

ETIOLOGY

[Von Willebrand's disease] Yamada S.
Jap J Clin Med 31:805-9, Apr 73 (86 ref.) (Jap)

FAMILIAL & GENETIC

Familial occurrence of von Willebrand's disease, thrombocytopenia, and severe gastrointestinal bleeding. Corder MP, et al.
Am J Med Sci 265:219-23, Mar 73
Von Willebrand's disease. Pitney WR.
Aust NZ J Med 3:305-6, Jun 73
Von Willebrand's syndrome presenting as an acquired bleeding disorder in association with a monoclonal gammopathy. Mant MJ, et al. Blood 42:429-36, Sep 73
The life long haemorrhagic disorders with prolonged bleeding time and associated factor VIII deficiency (von Willebrand's disease). Dube B, et al.
J Assoc Physicians India 20:929-33, Dec 72
Low-molecular-weight factor VIII. Bloom AL, et al.
Lancet 1:1000, 5 May 73
Factor-VIII-like antigen. Boulton FE.
Lancet 1:1446, 23 Jun 73
Factor VIII. Graham JB, et al. Lancet 2:388, 18 Aug 73
Two genetic variants of von Willebrand's disease. Holmberg L, et al. N Engl J Med 288:595-8, 22 Mar 73
Two genetic variants of von Willebrand's disease. Veltkamp JJ, et al. N Engl J Med 288:1411-2, 28 Jun 73
Detection of heterozygotes for recessive von Willebrand's disease by the assay of antihemophilic-factor-like antigen. Veltkamp JJ, et al.
N Engl J Med 289:882-5, 25 Oct 73
Von Willebrand's disease in pregnancy. Noller KL, et al.
Obstet Gynecol 41:865-72, Jun 73
[Von-Willebrand-Jürgens syndrome] Winckelmann G.
Med Klin 68:37-42, 12 Jan 73 (Ger)
[B type of Willebrand-Jürgens syndrome. A family study] Meskó K, et al.
Orv Hetil 113:2571-8, 22 Oct 72 (Hun)

HISTORY

[Von-Willebrand-Jürgens syndrome] Winckelmann G.
Med Klin 68:37-42, 12 Jan 73 (Ger)

IMMUNOLOGY

Von Willebrand's syndrome presenting as an acquired bleeding disorder in association with a monoclonal gammopathy. Mant MJ, et al. Blood 42:429-36, Sep 73
Application of immunological techniques to the study of classic haemophilia and von Willebrand's disease. Bennett B. Br J Haematol 25:273-4, Aug 73
The detection of factor-VIII-like antigen in haemophilic carriers and in patients with raised levels of biologically active factor VIII. Denson KW.
Br J Haematol 24:451-61, Apr 73
The specificity of antibodies to factor 8 produced in the rabbit after immunization with human cryoprecipitate. Kernoff PB, et al.
Br J Haematol 25:275-7, Aug 73
AHF-related protein and precipitation reactions. Ekert H, et al. Br Med J 4:789, 30 Dec 72
Studies on the nature of antihemophilic factor (factor VIII). Further evidence relating the AHF-like antigens in normal and hemophilic plasmas. Bennett B, et al. J Clin Invest 52:2191-7, Sep 73
Factor VIII. Barrow EM, et al. Lancet 1:1312-3, 9 Jun 73
Abnormality of separate subunits of factor VIII? Bennett E. Lancet 808:885-6, 21 Apr 73
Abnormality of separate subunits of factor VIII? Bennett E. Lancet 1:885-6, 21 Apr 73
Antigen/biological-activity ratio for factor VIII. Denson WK, et al. Lancet 1:157-8, 20 Jan 73
Antigen-biological-activity ratio for factor VIII. Hougie C, et al. Lancet 1:616-7, 17 Mar 73
Antibodies to factor VIII. Muntz RH, et al.
Lancet 2:160, 21 Jul 73
Immunologic heterogeneity of hemophilia. Colman RW. N Engl J Med 288:369-70, 15 Feb 73
Two genetic variants of von Willebrand's disease. Holmberg L, et al. N Engl J Med 288:595-8, 22 Mar 73
Affinity of factor 8 clotting activity for antigen detectable immunologically. Kernoff PB.
Nature [New Biol] 244:148-9, 1 Aug 73
Immunological studies of anti-haemophilic factor a (factor VIII). Bouma BN. Neth J Med 16:94-100, 1973
The molecular basis of hereditary clotting disorders. Ratnoff OD.
Prog Hemostasis Thromb 1:39-74, 1972 (184 ref.)

METABOLISM

Hereditary giant platelet syndrome: a disorder of a new aspect of platelet function. Howard MA, et al.
Br Med J 2:586-8, 9 Jun 73
Antigen/biological-activity ratio for factor VIII. Denson WK, et al. Lancet 1:157-8, 20 Jan 73

OCCURRENCE

A three-year study of adolescent boys suffering from haemophilia and allied disorders. Rainsford SG, et al.
Br J Haematol 24:539-51, May 73

PHYSIOPATHOLOGY

Von Willebrand's disease. Pitney WR.
Aust NZ J Med 3:305-6, Jun 73
Bleeding disorders due to abnormal platelet function. Weiss HJ.
Med Clin North Am 57:517-30, Mar 73 (58 ref.)
[Blood coagulation and fibrinolysis processes in

menstrual blood] Zuch A, et al.
Acta Haematol Pol 2:359-65, Oct-Dec 71 (43 ref.) **(Pol)**

SURGERY

Familial occurrence of von Willebrand's disease, thrombocytopenia, and severe gastrointestinal bleeding. Corder MP, et al.
Am J Med Sci 265:219-23, Mar 73
Septal dermoplasty for von Willebrand's disease in children. Letson JA Jr, et al.
Laryngoscope 83:1078-83, Jul 73

THERAPY

Correction of the platelet abnormality in von Willebrand's disease by cryoprecipitate. Weiss HJ, et al. **Am J Med** 53:734-8, Dec 72
Familial occurrence of von Willebrand's disease, thrombocytopenia, and severe gastrointestinal bleeding. Corder MP, et al.
Am J Med Sci 265:219-23, Mar 73
Transfusion studies in von Willebrand's disease. Takahama T. **Kumamoto Med J** 25:122-6, 31 Dec 72
A 1973 look at hemophilia and von Willebrand's disease. Ratnoff OD.
Proc Inst Med Chic 29:296-304, May-Jun 73 (44 ref.)
[Von-Willebrand-Jürgens syndrome] Winckelmann G.
Med Klin 68:37-42, 12 Jan 73 **(Ger)**
[Von Willebrand's disease] Yamada S.
Jap J Clin Med 31:805-9, Apr 73 (86 ref.) **(Jap)**

VETERINARY

Hemorrhagic diathesis resembling pseudohemophilia in a dog. Myers LJ, et al.
J Am Vet Med Assoc 161:1028-9, 1 Nov 72

WARFARIN

A review of anticoagulant rodenticides in current use. Bentley EW. **Bull WHO** 47:275-80, 1972 (35 ref.)
Enhancement of warfarin-induced hypoprothrombinemia by triclofos. Sellers EM, et al.
Clin Pharmacol Ther 13:911-5, Nov-Dec 72
The anticoagulant effect, plasma clearance and metabolism of the enantiomers of warfarin in man. Hewick DS, et al. **Clin Sci** 43:15P-16P, Dec 72
Simultaneous use of warfarin-sodium and dextran 70 to prevent post-operative venous thrombosis in patients with hip fractures. A controlled trial. Korvald E, et al.
J Oslo City Hosp 23:25-34, Feb 73
Pre- or post-operative start of anticoagulation prophylaxis in patients with fractured hips? Myhre HO, et al. **J Oslo City Hosp** 23:15-23, Jan 73
Phenylbutazone-sodium warfarin binding using a fluorescent probe technique. Jun HW, et al.
J Pharm Sci 61:1835-7, Nov 72
Induced conformational changes in novabiocin. Brand JG, et al. **Mol Pharmacol** 8:751-8, Nov 72
Advances in pharmacogenetics. Vesell ES.
Prog Med Genet 9:291-367, 1973 (200 ref.)

ADMINISTRATION & DOSAGE

A self-medication program for cardiology inpatients. Buchanan EC, et al.
Am J Hosp Pharm 29:928-34, Nov 72
Case studies of a clinical pharmacist. Smith GH.
Am J Hosp Pharm 29:658-62, Nov 72
Interaction of sodium warfarin and disulfiram (antabuse) in man. O'Reilly RA.
Ann Intern Med 78:73-6, Jan 73
Prothrombin during warfarin treatment. Brozović M, et al. **Br J Haematol** 24:579-88, May 73
Evidence for a humoral agent capable of raising vitamin-K-dependent coagulation factors in rabbits. Karpatkin M, et al. **Br J Haematol** 24:553-62, May 73
Effect of warfarin anticoagulation on vitamin-K 1 metabolism in man. Shearer MJ, et al.
Br J Haematol 24:471-9, Apr 73
Warfarin dosage, clofibrate, and age of patient. Eastham RD. **Br Med J** 2:554, 2 Jun 73
Interactions of benzodiazepines with warfarin. Orme M, et al. **Br Med J** 3:611-4, 9 Sep 72
A study of the mechanism by which anticoagulation with warfarin inhibits blood-borne metastases. Brown JM. **Cancer Res** 33:1217-24, Jun 73
Enhancement of warfarin-induced hypoprothrombinemia by triclofos. Sellers EM, et al.
Clin Pharmacol Ther 13:911-5, Nov-Dec 72
Anticoagulant therapy for senile dementia. Ratner J, et al. **J Am Geriatr Soc** 20:556-9, Nov 72
Warfarin metabolites: the anticoagulant activity and pharmacology of warfarin alcohols. Lewis RJ, et al.
J Lab Clin Med 81:925-31, Jun 73
Absolute configurations of the four warfarin alcohols. Chan KK, et al. **J Med Chem** 15:1265-70, Dec 72
Simultaneous use of warfarin-sodium and dextran 70 to prevent post-operative venous thrombosis in patients with hip fractures. A controlled trial. Korvald E, et al.
J Oslo City Hosp 23:25-34, Feb 73
Pre- or post-operative start of anticoagulation prophylaxis in patients with fractured hips? Myhre HO, et al. **J Oslo City Hosp** 23:15-23, Jan 73
Multiple-dose kinetics of oral anticoagulants: methods of analysis and optimized dosing. Theofanous TG, et al. **J Pharm Sci** 62:261-6, Feb 73
Conservative management of renal artery embolus. Moyer JD, et al. **J Urol** 109:138-43, Feb 73
Ascorbic acid and warfarin. Deckert FW.
JAMA 223:440, 22 Jan 73
Warfarin resistance and vitamin K requirement in the rat. Greaves JH, et al. **Lab Anim** 7:141-8, May 73
Australian multicentre trial of streptokinase in acute myocardial infarction. Bett JH, et al.
Lancet 1:57-60, 13 Jan 73
Warfarin dosage influenced by clofibrate plus age. Eastham RD. **Lancet** 1:1450, 23 Jun 73
The plasma half lives and the pharmacological effect of the enantiomers of warfarin in rats. Breckenridge A, et al. **Life Sci [II]** 11:337-45, 8 Apr 72
Duration of anticoagulant therapy in venous thrombo--embolism. O'Sullivan EF.
Med J Aust 2:1104-7, 11 Nov 72
Smoking and warfarin dosage. Mitchell AA.
N Engl J Med 287:1153-4, 30 Nov 72
Prophylactic anticoagulant therapy in the prevention of calf-vein thrombosis after myocardial infarction. Wray R, et al. **N Engl J Med** 288:815-7, 19 Apr 73
The effect of oxyphenbutazone on the excretion of 14 C-warfarin in the bile of rat. Wosilait WD, et al.
Res Commun Chem Pathol Pharmacol 4:413-20, Sep 72
Thrombosis prophylaxis with dextran and warfarin in vascular operations. Kluge TH, et al.
Surg Gynecol Obstet 135:941-4, Dec 72
Toward a wearable artificial kidney using ultrafiltrate as dialysate. Dharnidharka SG, et al.
Trans Am Soc Artif Intern Organs 19:92-7, 1973

ADVERSE EFFECTS

Prevention of pulmonary embolism in patients with fractures of the femoral neck. Burcharth F, et al.
Acta Chir Scand [Suppl] 433:178-9, 1973
Case studies of a clinical pharmacist. Smith GH.
Am J Hosp Pharm 29:658-62, Nov 72
Improvement in the anemia of chronic renal failure with fluoxymesterone. Eschbach JW, et al.
Ann Intern Med 78:527-32, Apr 73
Drug interactions in patients on long-term oral anticoagulant and antihypertensive adrenergic neuron-blocking drugs. Starr KJ, et al.
Br Med J 4:133-5, 21 Oct 72
The prevention of bleeding during long-term oral anticoagulant therapy. Eastham RD.
Bristol Med Chir J 87:5-7, Jan 72
Evaluation of anticoagulant therapy in cloth-covered prosthetic valves. Isom OW, et al.
Circulation 48:Suppl 3:48-50, Jul 73
Prosthetic replacement of the mitral valve. Continuing assessments of the 100 patients operated upon during 1961-1965. Levine FH, et al.
Circulation 47:518-26, Mar 73
Heparin in migraine headache. Thonnard-Neumann E.
Headache 13:49-64, Jul 73 (97 ref.)
Coumadin-induced bleeding: a mystery. Jacobs S.
J La State Med Soc 125:97-100, Mar 73
Radiologic seminar CXXI: hemomediastinum associated with anticoagulant therapy. Packer JM.
J Miss State Med Assoc 13:434-5, Oct 72
Dermal gangrene. An unpredictable complication of coumarin therapy. Chua FS, et al.
J Thorac Cardiovasc Surg 65:238-40, Feb 73
Spontaneous rupture of the kidney: a complication of anticoagulation--report of 2 cases. Luna I, et al.
J Urol 109:788-9, May 73
Massive hemorrhage and death during treatment with

clofibrate and warfarin. Solomon RB, et al. **NY State J Med** 73:2002-3, 1 Aug 73

Massive hemorrhage and death during treatment with clofibrate and warfarin. Solomon RB, et al. **NY State J Med** 23:2002-3, 1 Aug 73

Successful pregnancy after aortic and mitral valve replacements. Kanarek KS, et al. **S Afr Med J** 47:1373-4, 4 Aug 73

Anticoagulant-induced intramural haematoma of the bowel. Lloyd DA, et al. **S Afr Med J** 47:734-8, 5 May 73

ANALYSIS

Interaction of sodium warfarin and disulfiram (antabuse) in man. O'Reilly RA. **Ann Intern Med** 78:73-6, Jan 73

The effect of novibiocin and tolbutamide on the excretion of warfarin in the bile of rats. Wosilait WD, et al. **Res Commun Chem Pathol Pharmacol** 5:109-16, Jan 73

ANTAGONISTS & INHIBITORS

A self-medication program for cardiology inpatients. Buchanan EC, et al. **Am J Hosp Pharm** 29:928-34, Nov 72

A study of the mechanism by which anticoagulation with warfarin inhibits blood-borne metastases. Brown JM. **Cancer Res** 33:1217-24, Jun 73

Interaction of ascorbic acid and warfarin. Smith EC, et al. **JAMA** 221:1166, 4 Sep 72

[A study of the interaction between warfarin and diazepam] Odegaard AE. **Tidsskr Nor Laegeforen** 92:1520-1, 30 Aug 72 (Eng. Abstr.) (Nor)

BLOOD

Ultraviolet spectrophotometric analysis of barbiturates: evaluation of potential interferences. Jatlow P. **Am J Clin Pathol** 59:167-73, Feb 73

Effect of ethanol on rates of elimination and metabolism of zoxazolamine, hexobarbital and warfarin sodium in the rat. Mallov S, et al. **Biochem Pharmacol** 21:1667-78, 15 Jun 72

Dose-dependent enzyme induction. Breckenridge A, et al. **Br J Pharmacol** 47:616P-617P, Mar 73

Interactions of benzodiazepines with warfarin. Orme M, et al. **Br Med J** 3:611-4, 9 Sep 72

Changes in plasma -glutamyl transpeptidase activity associated with alterations in drug metabolism in man. Whitfield JB, et al. **Br Med J** 1:316-8, 10 Feb 73

Effect of coadministration of aluminum and magnesium hydroxides on absorption of anticoagulants in man. Ambre JJ, et al. **Clin Pharmacol Ther** 14:231-7, Mar-Apr 73

Dose-dependent enzyme induction. Breckenridge A, et al. **Clin Pharmacol Ther** 14:514-20, Jul-Aug 73

Enhancement of warfarin-induced hypoprothrombinemia by triclofos. Sellers EM, et al. **Clin Pharmacol Ther** 13:911-5, Nov-Dec 72

The anticoagulant effect, plasma clearance and metabolism of the enantiomers of warfarin in man. Hewick DS, et al. **Clin Sci** 43:15P-16P, Dec 72

Response to warfarin in hypothyroid rats. McIntosh TJ, et al. **Eur J Pharmacol** 15:176-82, Jun 71

Warfarin metabolites: the anticoagulant activity and pharmacology of warfarin alcohols. Lewis RJ, et al. **J Lab Clin Med** 81:925-31, Jun 73

The plasma half-lives of the enantiomers of warfarin in warfarin-resistant and warfarin-susceptible rats. Hewick DS. **J Pharm Pharmacol** 24:661-2, Aug 72

Plasma half-lives, plasma metabolites and anticoagulant efficacies of the enantiomers of warfarin in man. Hewick DS, et al. **J Pharm Pharmacol** 25:458-65, Jun 73

Induced optical activity following the binding of warfarin, indomethacin, 4-hydroxycoumarin and salicylic acid to human serum albumin. Perrin JH, et al. **Life Sci [I]** 11:277-83, 15 Mar 72

The plasma half lives and the pharmacological effect of the enantiomers of warfarin in rats. Breckenridge A, et al. **Life Sci [II]** 11:337-45, 8 Apr 72

Metabolism and excretion of 14 C-labeled warfarin and 14 C-labeled vitamin K 1 by isolated rat liver. Losito RJ, et al. **Mayo Clin Proc** 47:731-8, Oct 72

Sodium warfarin. O'Reilly RA. **Pharmacology** 8:181-90, 1972

The effect of oxyphenbutazone on the excretion of 14 C-warfarin in the bile of rat. Wosilait WD, et al. **Res Commun Chem Pathol Pharmacol** 4:413-20, Sep 72

CHEMICAL SYNTHESIS

Absolute configurations of the four warfarin alcohols. Chan KK, et al. **J Med Chem** 15:1265-70, Dec 72

METABOLISM

Interaction of sodium warfarin and disulfiram (antabuse) in man. O'Reilly RA. **Ann Intern Med** 78:73-6, Jan 73

Metabolic roles of fat-soluble vitamins D, E, and K. Wasserman RH, et al. **Annu Rev Biochem** 41:179-202, 1972 (185 ref.)

Effect of ethanol on rates of elimination and metabolism of zoxazolamine, hexobarbital and warfarin sodium in the rat. Mallov S, et al. **Biochem Pharmacol** 21:1667-78, 15 Jun 72

Enzyme induction. Dollery CT. **Br J Anaesth** 44:961-6, Sep 72 (25 ref.)

Changes in plasma -glutamyl transpeptidase activity associated with alterations in drug metabolism in man. Whitfield JB, et al. **Br Med J** 1:316-8, 10 Feb 73

Dose-dependent enzyme induction. Breckenridge A, et al. **Clin Pharmacol Ther** 14:514-20, Jul-Aug 73

The anticoagulant effect, plasma clearance and metabolism of the enantiomers of warfarin in man. Hewick DS, et al. **Clin Sci** 43:15P-16P, Dec 72

Response to warfarin in hypothyroid rats. McIntosh TJ, et al. **Eur J Pharmacol** 15:176-82, Jun 71

Warfarin metabolites: the anticoagulant activity and pharmacology of warfarin alcohols. Lewis RJ, et al. **J Lab Clin Med** 81:925-31, Jun 73

The plasma half-lives of the enantiomers of warfarin in warfarin-resistant and warfarin-susceptible rats. Hewick DS. **J Pharm Pharmacol** 24:661-2, Aug 72

Plasma half-lives, plasma metabolites and anticoagulant efficacies of the enantiomers of warfarin in man. Hewick DS, et al. **J Pharm Pharmacol** 25:458-65, Jun 73

Effect of halofenate on binding of various drugs to human plasma proteins and on the plasma half-life of antipyrine in monkeys. Hucker HB, et al. **J Pharm Sci** 61:1490-2, Sep 72

Metabolism and excretion of 14 C-labeled warfarin and 14 C-labeled vitamin K 1 by isolated rat liver. Losito RJ, et al. **Mayo Clin Proc** 47:731-8, Oct 72

Smoking and warfarin dosage. Mitchell AA. **N Engl J Med** 287:1153-4, 30 Nov 72

Sodium warfarin. O'Reilly RA. **Pharmacology** 8:181-90, 1972

The effect of novibiocin and tolbutamide on the excretion of warfarin in the bile of rats. Wosilait WD, et al. **Res Commun Chem Pathol Pharmacol** 5:109-16, Jan 73

The effect of oxyphenbutazone on the excretion of 14 C-warfarin in the bile of rat. Wosilait WD, et al. **Res Commun Chem Pathol Pharmacol** 4:413-20, Sep 72

PHARMACODYNAMICS

Haematological changes after injection of endotoxin into warfarin-treated rabbits. Haugen J. **Acta Pathol Microbiol Scand [B]** 80:589-98, 1972

Disulfiram and warfarin. Chin JL. **Ann Intern Med** 79:288-9, Aug 73

Interaction of sodium warfarin and disulfiram (antabuse) in man. O'Reilly RA. **Ann Intern Med** 78:73-6, Jan 73

Potentiation and inhibition of the amphetamine stereotypy in rats by neuroleptics and other agents. Lal S, et al. **Arch Int Pharmacodyn Ther** 199:289-301, Oct 72

Loss of hepatoma ribosomal RNA during warfarin therapy. Van Buskirk JJ, et al. **Biochem Biophys Res Commun** 52:562-8, 15 May 73

Mechanism of warfarin resistance. Warfarin and the metabolism of vitamin K 1 . Bell RG, et al. **Biochemistry** 12:1759-62, 24 Apr 73

Evidence for a humoral agent capable of raising vitamin-K-dependent coagulation factors in rabbits. Karpatkin M, et al. **Br J Haematol** 24:553-62, May 73

Effect of warfarin anticoagulation on vitamin-K 1 metabolism in man. Shearer MJ, et al. **Br J Haematol** 24:471-9, Apr 73

A study of the mechanism by which anticoagulation with warfarin inhibits blood-borne metastases. Brown JM. **Cancer Res** 33:1217-24, Jun 73

In vitro inhibition of rat and human liver microsomal enzymes by 4-hydroxycoumarin anticoagulants and related compounds. Deckert FW, et al. **Chem Biol Interact** 5:255-63, Sep 72

The effect of anti-rat clotting factor serum on the "prothrombin time". Hwang SW, et al. **Comp Gen Pharmacol** 2:87-92, Mar 71

Response to warfarin in hypothyroid rats. McIntosh TJ, et al. **Eur J Pharmacol** 15:176-82, Jun 71

Effect of dicumarol on rat liver slice glycoprotein synthesis. Pereira MA, et al. **Experientia** 28:1170-1, 15 Oct 72

Effect of non-narcotic analgesics on anticoagulant-induced hypoprothrombinemia in rats. Zawidzka ZZ, et al. **Experientia** 28:1482-3, 15 Dec 72

Calcium metabolism at the cellular level. Borle AB. **Fed Proc** 32:1944-50, Sep 73

The effects of dextrothyroxine on the kinetics of prothrombin activity: proposed mechanism of the potentiation of warfarin by D-thyroxine. Weintraub M, et al. **J Lab Clin Med** 81:273-9, Feb 73

Absolute configurations of the four warfarin alcohols. Chan KK, et al. **J Med Chem** 15:1265-70, Dec 72

Kinetic analysis of calcium movements in cell culture. V. Intracellular calcium distribution in kidney cells. Borle AB. **J Membr Biol** 10:45-66, 1972

Kinetics of anticoagulant effect of dicumarol in rats. Wingard LB Jr, et al. **J Pharmacol Exp Ther** 184:253-60, Jan 73

Warfarin resistance and vitamin K requirement in the rat. Greaves JH, et al. **Lab Anim** 7:141-8, May 73

The plasma half lives and the pharmacological effect of the enantiomers of warfarin in rats. Breckenridge A, et al. **Life Sci [II]** 11:337-45, 8 Apr 72

Coagulation defects caused by diphenylhydantoin. Solomon GE, et al. **Neurology (Minneap)** 22:1165-71, Nov 72

Vitamin K and prothrombin synthesis. Suttie JW. **Nutr Rev** 31:105-9, Apr 73 (18 ref.)

Sodium warfarin. O'Reilly RA. **Pharmacology** 8:181-90, 1972

The chloro analog of vitamin K: antagonism of vitamin K action in normal and warfarin-resistant rats. Shah DV, et al. **Proc Soc Exp Biol Med** 143:775-9, Jul 73

Anticoagulant-resistant rats: possible control by the use of the chloro analog of vitamin K 1 . Suttie JW. **Science** 180:741-3, 18 May 73

Mechanism of action of vitamin K: demonstration of a liver precursor of prothrombin. Suttie JW. **Science** 179:192-4, 12 Jan 73

[Toxicity of warfarin and its effect on blood coagulation in rat and mice] Niedner R, et al. **Arzneim Forsch** 23:102, Jan 73 (Eng. Abstr.) **(Ger)**

[Toxicity of warfarin and its effect on blood coagulation in rats and mice] Niedner R, et al. **Australas Radiol** 23:102, Jan 73 (Eng. Abstr.) **(Ger)**

[Effect of nafarin, vikasol, streptokinase and pantripin on carbohydrate metabolism in rat tissues] Smirnov PA, et al. **Farmakol Toksikol** 36:58-62, Jan-Feb 73 (Eng. Abstr.) **(Rus)**

POISONING

A prescribing hazard. Addinall R, et al. **Med J Aust** 1:261, 3 Feb 73

Interpretation of canine hemograms. Schalm OW. **Mod Vet Pract** 54:39-41, Feb 73

Chemical poisonings in small animal practice. Aronson AL. **Vet Clin N Amer** 2:379-95, May 72 (35 ref.)

[Chronic warfarin toxicity to broiler chicks] Gerisch V, et al. **Monatsh Vet Med** 28:51-4, 15 Jan 73 (Eng. Abstr.) **(Ger)**

THERAPEUTIC USE

Prevention of pulmonary embolism in patients with fractures of the femoral neck. Burcharth F, et al. **Acta Chir Scand [Suppl]** 433:178-9, 1973

Changes in antithrombin 3 levels following cessation of anticoagulant therapy. Refvem O, et al. **Acta Med Scand** 193:307-9, Apr 73

A self-medication program for cardiology inpatients. Buchanan EC, et al. **Am J Hosp Pharm** 29:928-34, Nov 72

Transient ischemic attacks. Keller MR, et al. **Am J Nurs** 73:1330-1, Aug 73

Bilateral incomplete traumatic occlusion of internal carotid arteries. Friedenberg MJ, et al. **Am J Roentgenol Radium Ther Nucl Med** 118:546-9, Jul 73

Hazards of subdural and epidural anesthesia during anticoagulant therapy: a case report and review. DeAngelis J. **Anesth Analg (Cleve)** 51:676-9, Sep-Oct 72

Disulfiram and warfarin. Chin JL. **Ann Intern Med** 79:288-9, Aug 73

Coumarin resistance in a Negro woman. Zager J, et al. **Ann Intern Med** 78:775-6, May 73

Pulmonary emboli as cause of pulmonary hypertension. Spotnitz M, et al. **Ariz Med** 30:272-4, Apr 73

Loss of hepatoma ribosomal RNA during warfarin therapy. Van Buskirk JJ, et al. **Biochem Biophys Res Commun** 52:562-8, 15 May 73

Prothrombin during warfarin treatment. Brozović M, et al. **Br J Haematol** 24:579-88, May 73

Active and inactive factor VII in Dubin-Johnson syndrome with factor-VII deficiency, hereditary factor-VII deficiency and on coumadin administration. Levanon M, et al. **Br J Haematol** 23:669-77, Dec 72

Warfarin and hydroxyethylrutosides in deep vein thrombosis. Eastham RD, et al. **Br Med J** 4:491, 25 Nov 72

Intracranial venous thrombosis complicating oral contraception: treatment by anticoagulant drugs. Fairburn B. **Br Med J** 2:647, 16 Jun 73

Erysipelothrix septicaemia without endocarditis. Townshend RH, et al. **Br Med J** 1:464, 24 Feb 73

A study of the mechanism by which anticoagulation with warfarin inhibits blood-borne metastases. Brown JM. **Cancer Res** 33:1217-24, Jun 73

Recurrent pulmonary embolus after insertion of intracaval prosthesis. DiBenedetto RJ, et al. **Chest** 63:1021-3, Jun 73

The treatment of pulmonary embolism. **Chest** 63:1006-11, Jun 73

Evaluation of anticoagulant therapy in cloth-covered prosthetic valves. Isom OW, et al. **Circulation** 48:Suppl 3:48-50, Jul 73

Prophylactic treatment with dextran 70 in total hip replacement. Mendes DG. **Clin Orthop** 90:110-5, Jan-Feb 73

Dose-dependent enzyme induction. Breckenridge A, et al. **Clin Pharmacol Ther** 14:514-20, Jul-Aug 73

Prevention of thromboembolism after hip fracture. Lyon LJ, et al. **Geriatrics** 28:107-10, Jan 73 (17 ref.)

Warfarin metabolites: the anticoagulant activity and pharmacology of warfarin alcohols. Lewis RJ, et al. **J Lab Clin Med** 81:925-31, Jun 73

Radiologic seminar CXXI: hemomediastinum associated with anticoagulant therapy. Packer JM. **J Miss State Med Assoc** 13:434-5, Oct 72

Dermal gangrene. An unpredictable complication of coumarin therapy. Chua FS, et al. **J Thorac Cardiovasc Surg** 65:238-40, Feb 73

Conservative management of renal artery embolus. Moyer JD, et al. **J Urol** 109:138-43, Feb 73

Anticoagulant therapy after acute myocardial infarction. Relation of therapeutic benefit to patient's age, sex, and severity of infarction. Drapkin A, et al. **JAMA** 222:541-8, 30 Oct 72

Interaction of warfarin and aminosalicylic acid. Self TH. **JAMA** 223:1285, 12 Mar 73

Interaction of ascorbic acid and warfarin. Smith EC, et al. **JAMA** 221:1166, 4 Sep 72

Anticoagulants in acute myocardial infarction. Results of a cooperative clinical trial. **JAMA** 225:724-9, 13 Aug 73

Renal-vein thrombosis in kidney allografts. Arruda JA, et al. **Lancet** 2:585-6, 15 Sep 73

Warfarin dosage influenced by clofibrate plus age. Eastham RD. **Lancet** 1:1450, 23 Jun 73

Duration of anticoagulant therapy in venous thrombo--embolism. O'Sullivan EF. **Med J Aust** 2:1104-7, 11 Nov 72

The use of anticoagulants in the prevention of venous thrombosis after myocardial infarction. Pussell BA, et al. **Med J Aust** 2:1101-3, 11 Nov 72

Prophylactic anticoagulant therapy in the prevention of calf-vein thrombosis after myocardial infarction. Wray R, et al. **N Engl J Med** 288:815-7, 19 Apr 73

Massive hemorrhage and death during treatment with clofibrate and warfarin. Solomon RB, et al. **NY State J Med** 73:2002-3, 1 Aug 73

Massive hemorrhage and death during treatment with clofibrate and warfarin. Solomon RB, et al. **NY State J Med** 23:2002-3, 1 Aug 73

Ovarian hemorrhage complicating anticoagulant

therapy. Manny J, et al.
Obstet Gynecol 41:512-4, Apr 73
Anticoagulants: a guide for practitioners. Kingdon HS.
Postgrad Med 54:61-5, Aug 73
Dipyridamole (persantin) and warfarin in the treatment of glomerulonephritis. First MR, et al.
S Afr Med J 46:848-9, 17 Jun 72
Clinical evaluation of side-effects of drugs. Jacobs HD.
S Afr Med J 47:1365-9, 4 Aug 73
Successful pregnancy after aortic and mitral valve replacements. Kanarek KS, et al.
S Afr Med J 47:1373-4, 4 Aug 73
Fibrinaemia and multiple thrombi in pancreatic carcinoma. A case studied with quantitative N-terminal analysis. Kierulf P, et al.
Scand J Haematol 9:370-6, 1972
Low thrombotest values in active thrombosis. Ro JS, et al. **Scand J Thorac Cardiovasc Surg** 6:269-73, 1972
Clinical application of platelet aggregation. Attar S, et al. **South Med J** 66:481-5, Apr 73
Thrombosis prophylaxis with dextran and warfarin in vascular operations. Kluge TH, et al.
Surg Gynecol Obstet 135:941-4, Dec 72
Impedance phlebography: a correlation with lower limb venography in the diagnosis of deep vein thrombosis. Harris WH, et al. **Surgery** 74:385-9, Sep 73
Chemotherapy for carcinoma of the pancreas. Waddell WR. **Surgery** 74:420-9, Sep 73
Thrombo-embolic complications of the cloth-covered Starr-Edwards prostheses No. 2300 aortic and No. 6300 mitral. Cleland J, et al. **Thorax** 28:41-7, Jan 73
Advances in human heart transplantation. Griepp RB, et al. **Transplant Proc** 5:835-9, Mar 73
[Blockage of the superior mesenteric artery] Lion-Cachet J. **S Afr Med J** 46:1277-8, 9 Sep 72 (Afr)
[Arterial diseases of the lower limbs. Treatment with anticoagulants. Value of their long-term use] Jouve A, et al.
Nouv Presse Med 1:2250-2, 30 Sep 72 (Eng. Abstr.) (Fre)
[Drug interactions with vitamin K antagonists] Thebault J, et al.
Pathol Biol (Paris) 21:639-46, Jun 73 (Eng. Abstr.) (Fre)
[Effect of heparin on the metastasis of inoculated tumor in rats] Yamaguchi S.
Med J Osaka Univ 23:31-9, Sep 72 (Eng. Abstr.) (Ger)
[Pregnancy, labor and the puerperium in patients with Starr-Edwards mitral prosthesis. II] Del Bosque Ruiz M, et al.
Arch Inst Cardiol Mex 43:149-54, Jan-Feb 73 (Eng. Abstr.) (Spa)

TOXICITY

Anticoagulant resistance in wild Norway rats in New York. Brooks JE, et al. **J Hyg (Camb)** 71:217-22, Jun 73
[Toxicity of warfarin and its effect on blood coagulation in rat and mice] Niedner R, et al.
Arzneim Forsch 23:102, Jan 73 (Eng. Abstr.) (Ger)
[Toxicity of warfarin and its effect on blood coagulation in rats and mice] Niedner R, et al.
Australas Radiol 23:102, Jan 73 (Eng. Abstr.) (Ger)

URINE

Warfarin metabolites: the anticoagulant activity and pharmacology of warfarin alcohols. Lewis RJ, et al.
J Lab Clin Med 81:925-31, Jun 73
Sodium warfarin. O'Reilly RA.
Pharmacology 8:181-90, 1972
The effect of oxyphenbutazone on the excretion of 14 C-warfarin in the bile of rat. Wosilait WD, et al.
Res Commun Chem Pathol Pharmacol 4:413-20, Sep 72

ADHESIONS

PREVENTION & CONTROL

[Plastic repair of defects in the dura mater] Arutiunov AI, et al.
Vopr Neirokhir 36:3-9, May-Jun 72 (34 ref.) (Eng. Abstr.) **(Rus)**

VETERINARY

Surgical management of abdominal crisis in the horse. Vaughan JT.
J Am Vet Med Assoc 161:1199-212, 1 Dec 72 (36 ref.)

AFIBRINOGENEMIA

Coagulation factor variants. Bloom AL.
Br J Haematol 23:643-7, Dec 72 (34 ref.)
[Fibrinogenopathies] Stahl M.
Acta Haematol Pol 3:93-9, Jan-Mar 72 (22 ref.) **(Pol)**
[Congenital thrombopathies] Outeiriño Hernanz J, et al. **Rev Clin Esp** 128:93-100, 31 Jan 73 (35 ref.) **(Spa)**

BLOOD

The molecular basis of hereditary clotting disorders. Ratnoff OD.
Prog Hemostasis Thromb 1:39-74, 1972 (184 ref.)
[Molecular-biology findings on various blood clotting factors] Fiedler H.
Folia Haematol (Leipz) 98:121-39, 1972 (121 ref.) (Eng. Abstr.) **(Ger)**

COMPLICATIONS

[Blood platelet diseases] Winckelmann G.
Med Klin 68:31-6, 12 Jan 73 (56 ref.) **(Ger)**
[Etiology and pathogenesis of Sheehan's syndrome (review of the literature)] Pasha SP.
Akush Ginekol (Mosk) 48:20-3, May 72 (33 ref.) (Eng. Abstr.) **(Rus)**

CONGENITAL

Haemostatic functions of platelets and their disorders. Hardisty RM. **Sci Basis Med** 222-37, 1972 (55 ref.)
[Fibrinogen. Hereditary hypo--and dysfibrinogenemia] Gajdos A.
Nouv Presse Med 2:1067-71, Apr 73 (30 ref.) **(Fre)**

DIAGNOSIS

[Fibrinogenopathies] Stahl M.
Acta Haematol Pol 3:93-9, Jan-Mar 72 (22 ref.) **(Pol)**

ENZYMOLOGY

[Fibrinogenopathies] Stahl M.
Acta Haematol Pol 3:93-9, Jan-Mar 72 (22 ref.) **(Pol)**

FAMILIAL & GENETIC

The genetics of hereditary disorders of blood coagulation. Ratnoff OD, et al.
Science 179:1291-8, 30 Mar 73 (53 ref.)

IMMUNOLOGY

The genetics of hereditary disorders of blood coagulation. Ratnoff OD, et al.
Science 179:1291-8, 30 Mar 73 (53 ref.)

AMINOCAPROIC ACID

THERAPEUTIC USE

[Schedule for diagnostic-therapeutic management of hemorrhagic diathesis] Sulek K.
Wiad Lek 26:417-22, 1 Mar 73 (20 ref.) **(Pol)**

ANGIOMA, SCLEROSING

Juvenile nasopharyngeal angiofibroma. Hicks JL, et al.
Oral Surg 35:807-17, Jun 73 (18 ref.)

DIAGNOSIS

Juvenile nasopharyngeal angiofibroma. Hicks JL, et al.
Oral Surg 35:807-17, Jun 73 (18 ref.)

PATHOLOGY

Juvenile nasopharyngeal angiofibroma. Hicks JL, et al.
Oral Surg 35:807-17, Jun 73 (18 ref.)

RADIOGRAPHY

Juvenile nasopharyngeal angiofibroma. Hicks JL, et al.
Oral Surg 35:807-17, Jun 73 (18 ref.)

ANGIOMATOSIS

Neonatal dermatology. 3. Pigmentary lesions and hemangiomas. Esterly NB, et al.
J Pediatr 81:1003-13, Nov 72 (33 ref.)

COMPLICATIONS

The phakomatoses. Font RL, et al.
Int Ophthalmol Clin 12:1-50, Spring 72 (52 ref.)

DIAGNOSIS

Brain scanning in children. Mishkin F.
Semin Nucl Med 2:328-42, Oct 72 (33 ref.)

ANTICOAGULANTS

The critical evaluation of thromboplastin. Ziegler FD, et al. **Ann Clin Lab Sci** 2:16-25, Jan-Feb 72 (69 ref.)
Prostaglandin E1 and platelets. Bousser MG.
Biomedicine 18:95-102, Mar 73 (63 ref.)
A review of anticoagulant rodenticides in current use. Bentley EW. **Bull WHO** 47:275-80, 1972 (35 ref.)
Review: method of separating human blood lymphoid cell populations. Denman AM.
J Immunol Methods 2:331-51, Jun 73
Scientific advances in transfusion. O'Riordan JP.
J Ir Med Assoc 66:27-36, 27 Jan 73 (29 ref.)
Diet, drugs and dialysis in the management of chronic renal failure. Blagg CR, et al.
Prog Biochem Pharmacol 7:452-97, 1972 (102 ref.)
The interaction of blood hemostitic elements with aritificial surfaces. Mason RG.
Prog Hemostasis Thromb 1:141-64, 1972 (166 ref.)
[The relationship between staphylococcus and blood coagulation. Biological bases and practical applications] Fumarola D, et al.
G Batteriol Virol Immunol 65:144-51, May-Aug 72 (Eng. Abstr.) **(Ita)**
[Advances in hematology. Interaction of drugs with anticoagulant derivatives] Pazdur J.
Pol Arch Med Wewn 49:389-93, Oct 72 **(Pol)**
[Role of the vascular wall in the process of hemostasis] Kuznik BI.
Usp Sovrem Biol 75:61-85, Jan-Feb 73 (258 ref.) **(Rus)**

ADMINISTRATION & DOSAGE

Prevention of thromboembolism after hip fracture. Lyon LJ, et al. **Geriatrics** 28:107-10, Jan 73 (17 ref.)
Guide to drug usage in adult patients with impaired renal function. A supplement. Bennett WM, et al.
JAMA 223:991-7, 26 Feb 73 (131 ref.)
[Ligation or plication of the inferior caval vein in the prevention of recurrent pulmonary embolism] Meissner AJ, et al.
Pol Tyg Lek 27:1242-5, 7 Aug 72 (23 ref.) **(Pol)**

ADVERSE EFFECTS

Drug-induced lung disease. Whitcomb ME.
Chest 63:418-22, Mar 73 (33 ref.)
Prevention of thromboembolism after hip fracture. Lyon LJ, et al. **Geriatrics** 28:107-10, Jan 73 (17 ref.)
Guide to drug usage in adult patients with impaired renal function. A supplement. Bennett WM, et al.
JAMA 223:991-7, 26 Feb 73 (131 ref.)
Drugs in pregnancy.
Med Lett Drugs Ther 14:94-6, 8 Dec 72
Drug-induced methemoglobinemia. Smith RP, et al.
Semin Hematol 10:253-68, Jul 73 (124 ref.)
[Administration of some drugs to pregnant or breast feeding women] Okla J.
Pol Tyg Lek 27:2073-7, 25 Dec 72 (8 ref.) **(Pol)**
[Subacute glomerulonephritis. Concept and treatment] Cruz J.
Rev Hosp Clin Fac Med Sao Paulo 27:234-44, Sep-Oct 72 (55 ref.) (Eng. Abstr.) **(Por)**
[Hemorrhages into the adrenals (a review of the

foreign literature)] Kalinin AP, et al.
Klin Med (Mosk) 50:9-15, Nov 72 (Rus)

BLOOD

Current transfusion therapy. Hinkes E, et al.
Calif Med 118:38-55, May 73 (173 ref.)
Acquired inhibitors of blood coagulation. Feinstein DI, et al. **Prog Hemostasis Thromb** 1:75-95, 1972 (95 ref.)

PHARMACODYNAMICS

Metabolic roles of fat-soluble vitamins D, E, and K. Wasserman RH, et al.
Annu Rev Biochem 41:179-202, 1972 (185 ref.)
Interaction of drugs associated with anaesthesia. Dundee JW, et al.
Int Anesthesiol Clin 11:41-73, Spring 73 (152 ref.)
The pharmacology of platelet inhibition. Weiss HJ.
Prog Hemostasis Thromb 1:199-231, 1972 (246 ref.)
[Problems of interaction between 5,5 1 -diphenylhydantoin (Hydantoinal) and other drugs] Pakszys W.
Pol Tyg Lek 27:1990-3, 11 Dec 72 (25 ref.) (Pol)

THERAPEUTIC USE

Drug therapy review--coumarin and indandione derivatives.
Am J Hosp Pharm 30:705-13, Aug 73 (73 ref.)
The liver in congestive heart failure: a review. Dunn GD, et al. **Am J Med Sci** 265:174-89, Mar 73 (89 ref.)
Clinical considerations for the anesthesiologist whose patient is on anticoagulant therapy. Ellison N, et al.
Anesthesiology 39:328-36, Sep 73 (57 ref.)
Deep venous thrombosis. II. Management. Edwards IR, et al. **Br J Dermatol** 88:207-11, Feb 73 (35 ref.)
Patients with cardiac valve prosthesis: subsequent anaesthetic management for non-cardiac surgical procedures. Maillé JG, et al.
Can Anaesth Soc J 20:207-16, Mar 73 (63 ref.)
Cardiac arrhythmias. 6. Present status of electroversion in the management of cardiac dysrhythmias. Resnekov L.
Circulation 47:1356-63, Jun 73 (46 ref.)
Cerebrovascular disease. Van Horn G.
DM 3-46, Jun 73 (98 ref.)
Prevention of thromboembolism after hip fracture. Lyon LJ, et al. **Geriatrics** 28:107-10, Jan 73 (17 ref.)
Guide to drug usage in adult patients with impaired renal function. A supplement. Bennett WM, et al.
JAMA 223:991-7, 26 Feb 73 (131 ref.)
Coagulation and renal disease. Kincaid-Smith P.
Kidney Int 2:183-90, Oct 72 (99 ref.)
The mechanisms of venous thrombosis. Anticoagulants, aspirin, and heparin. O'Brien JR.
Mod Concepts Cardiovasc Dis 42:11-5, Mar 73 (14 ref.)
Prevention and management of venous thrombosis and pulmonary embolism. Mandel SR, et al.
NC Med J 34:114-9, Feb 73 (43 ref.)
Treatment and prevention of stroke. II. Cerebrovascular insufficiencies. Slosberg P.
NY State J Med 73:758-63, 15 Mar 73 (78 ref.)
Advances in medicine. McNicol GP, et al.
Practitioner 209:411-23, Oct 72 (52 ref.)
Advances in neurology. Matthews WB.
Practitioner 209:481-8, Oct 72 (29 ref.)
Geriatrics. **Q Med Rev** 23:1-23, Jul 72 (20 ref.)
Recent advances in venous thrombo-embolism. A review article. Sobel JD.
S Afr Med J 47:1197-202, 14 Jul 73 (53 ref.)
Infections in obstetrics and gynecology. New developments in treatment. Ledge WJ.
Surg Clin North Am 52:1447-58, Dec 72 (24 ref.)
[Introduction on the contribution of arteriography to phlebology] Reboul H.
Phlebologie 25:173-82, Apr-Jun 72 (Eng. Abstr.) (Fre)
[Acute pulmonary embolism] Späth G.
Munch Med Wochenschr 114:1673-80, 29 Sep 72 (36 ref.) (Ger)
[Therapeutic problems in disseminated encephalomyelitis (multiple sclerosis)] Payk TR.
Ther Ggw 112:349-50, Mar 73 (25 ref.) (Ger)
[Urgency and technic of thromboembolism prevention in surgery] Neef H, et al.
Zentralbl Chir 98:81-9, 19 Jan 73 (17 ref.) (Ger)
[Subacute glomerulonephritis. Concept and treatment] Cruz J.
Rev Hosp Clin Fac Med Sao Paulo 27:234-44, Sep-Oct 72 (55 ref.) (Eng. Abstr.) (Por)
[Myocardial infarct and age] Gurevich MA.
Kardiologiia 13:5-14, May 73 (37 ref.) (Eng. Abstr.) (Rus)
[Some directions in the prevention and therapy of cerebral hypoxia] Akimov GA, et al.
Zh Nevropatol Psikhiatr 73:491-7, 1973 (102 ref.) (Rus)

ANTIFIBRINOLYTIC AGENTS

[Role of the heart and vessels in regulating blood coagulation and fibrinolysis] Kuznik BI, et al.
Kardiologiia 13:145-54, Apr 73 (112 ref.) (Rus)
[Role of the vascular wall in the process of hemostasis] Kuznik BI.
Usp Sovrem Biol 75:61-85, Jan-Feb 73 (258 ref.) (Rus)

ANTITHROMBIN

[Fibrinogen and fibrin degradation products] Fujimaki M, et al. **Jap J Clin Pathol** 21:31-6, Jan 73 (42 ref.) (Jap)
[Role of the vascular wall in the process of hemostasis] Kuznik BI.
Usp Sovrem Biol 75:61-85, Jan-Feb 73 (258 ref.) (Rus)

ANALYSIS

[Physiological inhibitors of thrombin and thrombin synthesis] Schröer H.
Folia Haematol (Leipz) 99:212-22, 1973 (34 ref.) (Eng. Abstr.) (Ger)

CLASSIFICATION

[Physiological inhibitors of thrombin and thrombin synthesis] Schröer H.
Folia Haematol (Leipz) 99:212-22, 1973 (34 ref.) (Eng. Abstr.) (Ger)

METABOLISM

Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA.
Ann Clin Lab Sci 1:139-54, Sep-Oct 71 (46 ref.)
[Physiological inhibitors of thrombin and thrombin synthesis] Schröer H.
Folia Haematol (Leipz) 99:212-22, 1973 (34 ref.) (Eng. Abstr.) (Ger)

PHYSIOLOGY

Thrombin inhibiting action of heparin. Abildgaard U.
Folia Haematol (Leipz) 98:408-16, 1972 (31 ref.)

BISHYDROXYCOUMARIN

ADVERSE EFFECTS

Advances in pharmacogenetics. Vesell ES.
Prog Med Genet 9:291-367, 1973 (200 ref.)

METABOLISM

Pharmacogenetics: defective enzymes in relation to reactions to drugs. La Du BN.
Annu Rev Med 23:453-68, 1972 (125 ref.)

PHARMACODYNAMICS

Animal models useful in the study of thrombosis and antithrombotic agents. Didisheim P.
Prog Hemostasis Thromb 1:165-97, 1972 (235 ref.)

BLOOD COAGULATION

The role of platelets in arterial and venous thrombosis. Thomas DP. **Adv Exp Med Biol** 34:23-42, 1972 (74 ref.)
Vascular hemostasis: a review. Stevens DJ.
Am J Med Technol 39:252-7, Jun 73 (50 ref.)
Clinical considerations for the anesthesiologist whose patient is on anticoagulant therapy. Ellison N, et al.
Anesthesiology 39:328-36, Sep 73 (57 ref.)
Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA.
Ann Clin Lab Sci 1:139-54, Sep-Oct 71 (46 ref.)
Fibrinoligase: the fibrin-stabilizing factor system of blood plasma. Lorand L.
Ann NY Acad Sci 202:6-30, 8 Dec 72 (75 ref.)
Cross-linking of fibrin by fibrin=stabilizing factor. McKee PA, et al.
Ann NY Acad Sci 202:127-48, 8 Dec 72 (37 ref.)

Tissue transamidases, fibrin stabilization and clot lysis. Tyler HM.
Ann NY Acad Sci 202:273-85, 8 Dec 72 (39 ref.)
The vitreous. Jaffe NS.
Arch Ophthalmol 90:69-82, Jul 73 (67 ref.)
Anaesthesia in the presence of liver disease and for hepatic transplantation. Farman JV.
Br J Anaesth 44:946-52, Sep 72 (20 ref.)
Microangiopathic haemolytic anaemia (MHA). Brain MC. Br J Haematol 23:Suppl:45-52, Sep 72 (70 ref.)
Bright's disease today: the pathogenesis and treatment of glomerulonephritis. II. Cameron JS.
Br Med J 4:160-3 contd, 21 Oct 72
Cardiovascular disease in the tropics. IV. Coronary heart disease. Shaper AG.
Br Med J 4:32-5, 7 Oct 72 (82 ref.)
Current transfusion therapy. Hinkes E, et al.
Calif Med 118:38-55, May 73 (173 ref.)
Current status of prolonged extracorporeal membrane oxygenation for acute respiratory failure. Lefrak EA, et al. Chest 63:773-82, May 73 (92 ref.)
Septic shock (endotoxic shock). Cavanagh D, et al.
Clin Obstet Gynecol 16:25-39, Jun 73 (27 ref.)
Emotional factors in coronary disease. Zohman BL.
Geriatrics 28:110-9, Feb 73
Coagulation problems. Czapek EE.
Int Anesthesiol Clin 11:175-201, Summer 73 (66 ref.)
Clinical physiology of the fibrinolytic enzyme system. Douglas AS, et al. J Clin Pathol 25:615-8, Jul 72
The role of platelets in glomerulonephritis and transplantation. Wardle EN.
J R Coll Physicians Lond 7:5-18, Oct 72 (105 ref.)
Coagulation and renal disease. Kincaid-Smith P.
Kidney Int 2:183-90, Oct 72 (99 ref.)
Diagnosis of hemorrhagic disorders. Nemerson Y.
Med Clin North Am 57:531-41, Mar 73 (30 ref.)
Hemophilia. Schick PK.
Med Clin North Am 57:1095-106, Jul 73 (52 ref.)
Bleeding disorders due to abnormal platelet function. Weiss HJ.
Med Clin North Am 57:517-30, Mar 73 (58 ref.)
Interfacial phenomena and biomaterials. Andrade JD.
Med Instrum 7:110-9, Mar-Apr 73 (77 ref.)
Physiologic implications of prostaglandin radioimmunoassay. Jaffe BM, et al.
Metabolism 22:1129-37, Aug 73 (41 ref.)
The mechanisms of venous thrombosis. Anticoagulants, aspirin, and heparin. O'Brien JR.
Mod Concepts Cardiovasc Dis 42:11-5, Mar 73 (14 ref.)
Burns. Moncrief JA.
N Engl J Med 288:444-54, 1 Mar 73 (88 ref.)
Thrombosthenin, the contractile protein of blood platelets. New facts and problems. Lüscher EF, et al.
Pathol Biol (Paris) Suppl:89-101, Dec 72 (85 ref.)
Psychophysiological effects of extremely low frequency electromagnetic fields: a review. Persinger MA, et al.
Percept Mot Skills 36:1139-51, Jun 73 (136 ref.)
Intravascular coagulation--acute and chronic--disseminated and local. McKay DG.
Proc Inst Med Chic 29:159-71, Sep 72 (29 ref.)
Molecular aspects of the mammalian cell surface. Mehrishi JN.
Prog Biophys Mol Biol 25:1-70, 1972 (360 ref.)
The tissue factor pathway of blood coagulation. Nemerson Y, et al.
Prog Hemostasis Thromb 1:1-37, 1972 (171 ref.)
The molecular basis of hereditary clotting disorders. Ratnoff OD.
Prog Hemostasis Thromb 1:39-74, 1972 (184 ref.)
Some recent advances in coagulation--1972. King JB.
S Afr Med J 46:2085-9, 30 Dec 72 (42 ref.)
Physical activity as prevention and therapy in coronary heart disease. Sanne HM, et al.
Scand J Rehabil Med 3:47-56, 1971 (50 ref.)
Magnesium and its significance in cardiovascular and gastro-intestinal disorders. Szelényi I.
World Rev Nutr Diet 17:189-224, 1973 (181 ref.)
[Disseminated intravascular coagulation] Wang FY, et al. Chin Med J 5:309-15, 1973 (13 ref.) (Chi)
[Disseminated intravascular coagulation (DIC). I. Experimental DIC in animals and spontaneous DIC in man] Slappendel RJ.
Tijdschr Diergeneeskd 98:605-15, 1 Jul 73 (60 ref.) (Eng. Abstr.) (Dut)
[Electrokinetic properties of formed elements of human blood. (Erythrocytes, blood platelets, lymphocytes)] Larcan A, et al.
Biorheology 10:189-205, Jun 73 (103 ref.) (Fre)
[The complement system] Peltier A.
Pathol Biol (Paris) 20:1013-39, Dec 72 (120 ref.) (Eng. Abstr.) (Fre)
[Pituitary lipotropins (LPH)] Chrétien M, et al.
Union Med Can 102:890-8, Apr 73 (72 ref.) (Eng. Abstr.) (Fre)
[Membrane oxygenators in prolonged assisted extracorporeal circulation] Schulte HD.
Dtsch Med Wochenschr 98:508-13, 9 Mar 73 (54 ref.) (Ger)
[Pathophysiology of thrombocytes in shock] Remmele W, et al.
Klin Wochenschr 51:3-9, Jan 73 (109 ref.) (Ger)
[UV irradiation of blood in oxygen atmosphere (Wehrli's H.O.T.) with special reference to oxygenation methods and UV irradiation of blood (literature review). 3. UV irradiation of blood in oxygen atmosphere] Bielenstein E.
Z Aerztl Fortbild (Jena) 66:711-6, 15 Jul 72 (43 ref.) (Ger)
[Influence of gestation on the blood coagulation system and diagnosis of possible disorders] Günter M, et al.
Z Aerztl Fortbild (Jena) 67:209-15, 1 Mar 73 (37 ref.) (Ger)
[Thromboembolic complications in pregnancy and during delivery] Ludwig H.
Z Geburtshilfe Perinatol 176:169-82, Jun 72 (47 ref.) (Eng. Abstr.) (Ger)
[Fat embolism in severe multiple injuries] Wehner W.
Zentralbl Chir 98:353-7, 9 Mar 73 (16 ref.) (Ger)
[The relationship between staphylococcus and blood coagulation. Biological bases and practical applications] Fumarola D, et al.
G Batteriol Virol Immunol 65:144-51, May-Aug 72 (Eng. Abstr.) (Ita)
[Adrenocortical hormones and arteriosclerosis] Takeda R, et al.
Clin Endocrinol (Tokyo) 20:605-11, Aug 72 (48 ref.) (Jap)
[Some recent advances in blood coagulation research] Sakuragawa N.
Jap J Clin Hematol 13:923-33, Dec 72 (48 ref.) (Jap)
[Syndromes of disseminated intravascular coagulation-from the standpoint of internal medicine] Matsuoka M, et al.
Jap J Clin Med 31:810-21, Apr 73 (59 ref.) (Jap)
[Function and metabolism of the platelets] Odake K.
Jap J Clin Med 31:775-82, Apr 73 (48 ref.) (Jap)
[Pathology of hemorrhage and thrombosis] Tanaka K.
Jap J Clin Med 31:743-54, Apr 73 (44 ref.) (Jap)
[Disseminated intravascular coagulation] Maekawa T.
Jap J Clin Pathol 21:24-30, Jan 73 (7 ref.) (Jap)
[Fibrinogenopathies] Stahl M.
Acta Haematol Pol 3:93-9, Jan-Mar 72 (22 ref.) (Pol)
[Blood coagulation and fibrinolysis processes in menstrual blood] Zuch A, et al.
Acta Haematol Pol 2:359-65, Oct-Dec 71 (43 ref.) (Pol)
[Blood serum lipoproteins and their role in the etiology of some pathological states] Skrzydlewski Z, et al.
Ginekol Pol 44:455-63, Apr 73 (56 ref.) (Eng. Abstr.) (Pol)
[Role of the heart and vessels in regulating blood coagulation and fibrinolysis] Kuznik BI, et al.
Kardiologiia 13:145-54, Apr 73 (112 ref.) (Rus)
[Dynamic function of the thrombocytes (a survey of the literature)] Odesskaia TA.
Probl Gematol Pereliv Krovi 17:47-53, Jul 72 (117 ref.) (Rus)
[Hypokinesia] Smirnov KM.
Usp Fiziol Nauk 3:3-20, Jan-Mar 72 (169 ref.) (Rus)
[Role of the vascular wall in the process of hemostasis] Kuznik BI.
Usp Sovrem Biol 75:61-85, Jan-Feb 73 (258 ref.) (Rus)
[Hemostatic system in cancer patients] Rakhmaeva VA, et al. Vopr Onkol 18:90-7, 1972 (60 ref.) (Rus)
[Problems of vascular brain disorders in the works of Japanese neurologists (review)] Smirnov VE.
Zh Nevropatol Psikhiatr 72:1246-9, 1972 (33 ref.) (Rus)
[Specificity of enzymatic reactions] Traverso-Cori A, et al.
Rev Med Chil 100:1467-80, Jul 73 (57 ref.) (Eng. Abstr.) (Spa)

DRUG EFFECTS

The action of Atromid-S on lipids and other plasma factors which may be involved in arterial thrombosis. Cotton RC.
Acta Cardiol (Brux) Suppl 25:163-7, 1972 (33 ref.)
Thromboembolism and oral contraceptives. Hougie C.
Am Heart J 85:538-45, Apr 73 (35 ref.)

Polymers in surgical repair.
Food Cosmet Toxicol 11:314-8, Apr 73 (30 ref.)
Vitamin E and coronary heart disease. Hodges RE.
J Am Diet Assoc 62:638-42, Jun 73 (61 ref.)
Oral contraceptives: therapeutics versus adverse reactions, with an outlook for the future I. Bingel AS, et al. **J Pharm Sci** 62:179-200, Feb 73 (162 ref.)
Chemistry and pharmacology of heparin. Ehrlich J, et al. **J Pharm Sci** 62:517-44, Apr 73 (626 ref.)
The cardiovascular effects of oral contraceptives. Wood JE.
Mod Concepts Cardiovasc Dis 41:37-40, Aug 72 (13 ref.)
[Prostaglandins] Matuchansky C, et al.
Can Med 13:525-39, 15 Jun 72 (198 ref.) **(Fre)**
[Magnesium--an anticoagulant physiological electrolyte] Erödi A.
Med Klin 68:216-9, 16 Feb 73 (32 ref.) **(Ger)**
[Cobalt effects in the organism with special reference to cardiovascular effects] Achenbach H, et al.
Z Gesamte Inn Med 27:809-16, 1 Oct 72 (133 ref.) (Eng. Abstr.) **(Ger)**
[Significance of vitamin E in anemia] Fujii T.
Jap J Clin Hematol 13:342-54, Jun 72 (100 ref.) **(Jap)**
[Platelet aggregation and cyclic AMP] Ukita M.
Jap J Clin Pathol 20:805-9, Nov 72 (7 ref.) **(Jap)**
[Role of plasma kinins in the function of some organs and their participation in the pathogenesis of various pathological states] Kolber-Postępska B.
Pol Tyg Lek 28:621-4, 23 May 73 (19 ref.) **(Pol)**
[Efficacy and side effects of modern contraceptives] Okla J. **Pol Tyg Lek** 28:135-8, 22 Jan 73 (16 ref.) **(Pol)**
[Role of the heart and vessels in regulating blood coagulation and fibrinolysis] Kuznik BI, et al.
Kardiologiia 13:145-54, Apr 73 (112 ref.) **(Rus)**

BLOOD COAGULATION DISORDERS

Fibrinogen and the fibrinogenopathies. Morse EE.
Ann Clin Lab Sci 1:155-61, Sep-Oct 71 (30 ref.)
Coagulation problems. Czapek EE.
Int Anesthesiol Clin 11:175-201, Summer 73 (66 ref.)
Intravascular coagulation--acute and chronic--disseminated and local. McKay DG.
Proc Inst Med Chic 29:159-71, Sep 72 (29 ref.)
Hemostatic problems in liver surgery. Rö JS.
Scand J Gastroenterol [Suppl] 19:71-81, 1973 (67 ref.)
[Fibrinogenopathies] Stahl M.
Acta Haematol Pol 3:93-9, Jan-Mar 72 (22 ref.) **(Pol)**
[Liver transplantation. Experimental liver transplantation] Nielubowicz J.
Pol Arch Med Wewn 49:273-82, Sep 72 (45 ref.) **(Pol)**
[Hemostasis disorders in liver cirrhosis] Judkiewicz L, et al. **Pol Tyg Lek** 28:708-11, 1 May 73 (34 ref.) **(Pol)**
[Changes in the internal female sex organs in leukemias. Survey of the literature] Donskaia EL.
Akush Ginekol (Mosk) 49:54-8, Jan 73 (Eng. Abstr.) **(Rus)**

BLOOD

Vascular hemostasis: a review. Stevens DJ.
Am J Med Technol 39:252-7, Jun 73 (50 ref.)
Diagnosis of hemorrhagic disorders. Nemerson Y.
Med Clin North Am 57:531-41, Mar 73 (30 ref.)
Uremic bleeding. Rabiner SF.
Prog Hemostasis Thromb 1:233-50, 1972 (39 ref.)
[Molecular-biology findings on various blood clotting factors] Fiedler H.
Folia Haematol (Leipz) 98:121-39, 1972 (121 ref.) (Eng. Abstr.) **(Ger)**
[Some recent advances in blood coagulation research] Sakuragawa N.
Jap J Clin Hematol 13:923-33, Dec 72 (48 ref.) **(Jap)**

CHEMICALLY INDUCED

Streptokinase: a review of its clinical pharmacology, mechanism of action and therapeutic uses. Brogden RN, et al. **Drugs** 5:357-445, 1973 (260 ref.)
Anticonvulsant drugs. II. Clinical pharmacological and therapeutic aspects. Kutt H, et al. **Drugs** 4:256-82, 1972

CLASSIFICATION

[Blood hypercoagulability (attempted classification of pre-thrombotic states)] Tymiński W.
Wiad Lek 26:423-6, 1 Mar 73 (11 ref.) **(Pol)**

COMPLICATIONS

"Risk factors" in ischaemic heart disease. Fejfar Z.
Acta Cardiol (Brux) Suppl 25:7-35, 1972 (94 ref.)
The role of acid in the pathogenesis of aspirin-induced gastrointestinal erosions and hemorrhage. Cooke AR.
Am J Dig Dis 18:225-37, Mar 73 (72 ref.)
Primary and chronic thromboembolic pulmonary hypertension. Nosologic spectrum. Trell E.
Angiology 23:558-74, Oct 72 (188 ref.)
Coagulation and renal disease. Kincaid-Smith P.
Kidney Int 2:183-90, Oct 72 (99 ref.)
Management of the pediatric surgical patient. Buntain WL, et al. **Mayo Clin Proc** 47:654-80, Sep 72 (61 ref.)
Intravascular coagulation--acute and chronic--disseminated and local. McKay DG.
Proc Inst Med Chic 29:159-71, Sep 72 (29 ref.)
Current studies in surgical shock. Irving M.
Proc R Soc Med 65:1116-8, Dec 72 (22 ref.)
New aspects of the pathogenesis of thrombo-embolism. Nilsson IM, et al. **Prog Surg** 11:46-68, 1973 (89 ref.)
Hemostatic abnormalities associated with dysproteinemias. Lackner H.
Semin Hematol 10:125-33, Apr 73 (72 ref.)
[Role of blood clotting and fibrinolytic disorders in diabetics in the development of pathological changes in blood vessels] Chmielewski J.
Wiad Lek 26:615-7, 1 Apr 73 **(Pol)**

CONGENITAL

Diagnosis of hemorrhagic disorders. Nemerson Y.
Med Clin North Am 57:531-41, Mar 73 (30 ref.)
Haemostatic functions of platelets and their disorders. Hardisty RM. **Sci Basis Med** 222-37, 1972 (55 ref.)
[Fibrinogen. Hereditary hypo--and dysfibrinogenemia] Gajdos A.
Nouv Presse Med 2:1087-71, Apr 73 (30 ref.) **(Fre)**

DIAGNOSIS

Nature and biological activities of degradation products of fibrinogen and fibrin. Kwaan HC, et al.
Annu Rev Med 24:335-44, 1973 (76 ref.)
Platelet function tests in disease. Tschopp TB, et al.
Annu Rev Med 24:1-18, 1973 (214 ref.)
Diagnosis of hemorrhagic disorders. Nemerson Y.
Med Clin North Am 57:531-41, Mar 73 (30 ref.)
Diagnosis and treatment of inherited bleeding disorders. Strauss HS.
Pediatr Clin North Am 19:1009-28, Nov 72 (79 ref.)
Developments in transient hemorrhagic disorders. Rowe AJ, et al. **Tex Med** 69:72-8, Feb 73 (78 ref.)
[Molecular-biology findings on various blood clotting factors] Fiedler H.
Folia Haematol (Leipz) 98:121-39, 1972 (121 ref.) (Eng. Abstr.) **(Ger)**
[Determining blood coagulation fractions (review of Soviet and foreign literature)] Golovin GV, et al.
Vestn Khir 110:138-42, Apr 73 (42 ref.) **(Rus)**

DRUG THERAPY

Clinical considerations for the anesthesiologist whose patient is on anticoagulant therapy. Ellison N, et al.
Anesthesiology 39:328-36, Sep 73 (57 ref.)
Clinical pharmacology of drug interactions. Raisfeld IH. **Annu Rev Med** 24:385-418, 1973 (179 ref.)

ENZYMOLOGY

[Hematological pathology and clinical enzymology] Ballerini G, et al.
Quad Sclavo Diagn 8:98-145, Mar 72 (255 ref.) (Eng. Abstr.) **(Ita)**
[Blood hypercoagulability (attempted classification of pre-thrombotic states)] Tymiński W.
Wiad Lek 26:423-6, 1 Mar 73 (11 ref.) **(Pol)**

ETIOLOGY

Current management of thermal burns. Pruitt BA Jr, et al. **Adv Surg** 6:237-88, 1972 (129 ref.)
Fibrinogen and the fibrinogenopathies. Morse EE.
Ann Clin Lab Sci 1:155-61, Sep-Oct 71 (30 ref.)
Diagnosis of hemorrhagic disorders. Nemerson Y.
Med Clin North Am 57:531-41, Mar 73 (30 ref.)
Bleeding disorders due to abnormal platelet function. Weiss HJ.
Med Clin North Am 37:517-30, Mar 73 (58 ref.)

Developments in transient hemorrhagic disorders. Rowe AJ, et al. **Tex Med** 69:72-8, Feb 73 (78 ref.)
[Myocardial infarct and age] Gurevich MA. **Kardiologiia** 13:5-14, May 73 (37 ref.) (Eng. Abstr.) **(Rus)**
[Septic shock in a surgical clinic] Surovikin DM, et al. **Vestn Khir** 110:126-9, Mar 73 (22 ref.) **(Rus)**

FAMILIAL & GENETIC

Fibrinogen and the fibrinogenopathies. Morse EE. **Ann Clin Lab Sci** 1:155-61, Sep-Oct 71 (30 ref.)
Coagulation factor variants. Bloom AL. **Br J Haematol** 23:643-7, Dec 72 (34 ref.)
Human genetics in Poland. Horst A. **Hum Biol** 45:5-21, Feb 73 (151 ref.)
Coagulation problems. Czapek EE. **Int Anesthesiol Clin** 11:175-201, Summer 73 (66 ref.)
Diagnosis and treatment of inherited bleeding disorders. Strauss HS. **Pediatr Clin North Am** 19:1009-28, Nov 72 (79 ref.)
The molecular basis of hereditary clotting disorders. Ratnoff OD. **Prog Hemostasis Thromb** 1:39-74, 1972 (184 ref.)
The genetics of hereditary disorders of blood coagulation. Ratnoff OD, et al. **Science** 179:1291-8, 30 Mar 73 (53 ref.)
Developments in transient hemorrhagic disorders. Rowe AJ, et al. **Tex Med** 69:72-8, Feb 73 (78 ref.)

IMMUNOLOGY

Fibrinogen and the fibrinogenopathies. Morse EE. **Ann Clin Lab Sci** 1:155-61, Sep-Oct 71 (30 ref.)
Coagulation and renal disease. Kincaid-Smith P. **Kidney Int** 2:183-90, Oct 72 (99 ref.)
Diagnosis of hemorrhagic disorders. Nemerson Y. **Med Clin North Am** 57:531-41, Mar 73 (30 ref.)

METABOLISM

Fibrinogen and the fibrinogenopathies. Morse EE. **Ann Clin Lab Sci** 1:155-61, Sep-Oct 71 (30 ref.)
[Prostaglandins and cardiovascular diseases] Förster W. **Dtsch Gesundheitsw** 27:2264-71, 30 Nov 72 (80 ref.) (Eng. Abstr.) **(Ger)**

PATHOLOGY

The molecular basis of hereditary clotting disorders. Ratnoff OD. **Prog Hemostasis Thromb** 1:39-74, 1972 (184 ref.)

PHYSIOPATHOLOGY

Thrombin inhibiting action of heparin. Abildgaard U. **Folia Haematol (Leipz)** 98:408-16, 1972 (31 ref.)
[Magnesium--an anticoagulant physiological electrolyte] Erödi A. **Med Klin** 68:216-9, 16 Feb 73 (32 ref.) **(Ger)**
[Blood hypercoagulability (attempted classification of pre-thrombotic states)] Tymiński W. **Wiad Lek** 26:423-6, 1 Mar 73 (11 ref.) **(Pol)**

THERAPY

Principles of hematologic supportive care. Graw RG Jr, et al. **Med Clin North Am** 57:441-61, Mar 73 (128 ref.)
Diagnosis and treatment of inherited bleeding disorders. Strauss HS. **Pediatr Clin North Am** 19:1009-28, Nov 72 (79 ref.)

VETERINARY

Equine hepatic insufficiency. Tennant B, et al. **Vet Clin N Amer** 3:279-89, May 73 (13 ref.)

BLOOD COAGULATION FACTORS

The metabolism and effects of contraceptive steroids in primates. Goldzieher JW, et al. **Acta Endocrinol [Suppl] (Kbh)** 166:389-421, 1972 (115 ref.)
Platelet function tests and thrombosis. O'Brien JR. **Adv Exp Med Biol** 34:43-54, 1972 (10 ref.)
The role of platelets in arterial and venous thrombosis. Thomas DP. **Adv Exp Med Biol** 34:23-42, 1972 (74 ref.)
Clinical considerations for the anesthesiologist whose patient is on anticoagulant therapy. Ellison N, et al. **Anesthesiology** 39:328-36, Sep 73 (57 ref.)
Problems in evaluating the components of the kinin system. Hamberg U. **Ann Chir Gynaecol Fenn** 61:238-50, 1972 (46 ref.)
Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA. **Ann Clin Lab Sci** 1:139-54, Sep-Oct 71 (46 ref.)
Coagulation factor variants. Bloom AL. **Br J Haematol** 23:643-7, Dec 72 (34 ref.)
Current transfusion therapy. Hinkes E, et al. **Calif Med** 118:38-55, May 73 (173 ref.)
Scientific advances in transfusion. O'Riordan JP. **J Ir Med Assoc** 66:27-36, 27 Jan 73 (29 ref.)
Bleeding disorders due to abnormal platelet function. Weiss HJ. **Med Clin North Am** 37:517-30, Mar 73 (58 ref.)
Diagnosis and treatment of inherited bleeding disorders. Strauss HS. **Pediatr Clin North Am** 19:1009-28, Nov 72 (79 ref.)
The tissue factor pathway of blood coagulation. Nemerson Y, et al. **Prog Hemostasis Thromb** 1:1-37, 1972 (171 ref.)
Uremic bleeding. Rabiner SF. **Prog Hemostasis Thromb** 1:233-50, 1972 (39 ref.)
Hemostatic problems in liver surgery. Rö JS. **Scand J Gastroenterol [Suppl]** 19:71-81, 1973 (67 ref.)
The genetics of hereditary disorders of blood coagulation. Ratnoff OD, et al. **Science** 179:1291-8, 30 Mar 73 (53 ref.)
Hemostatic abnormalities associated with dysproteinemias. Lackner H. **Semin Hematol** 10:125-33, Apr 73 (72 ref.)
[Disseminated intravascular coagulation] Amir J. **Harefuah** 83:29-32, 2 Jul 72 (20 ref.) **(Heb)**
[Evolution of etiopathogenetic knowledge of hemophilia syndromes] Morrone G. **Pediatria (Napoli)** 80:170-85, 1972 (80 ref.) **(Ita)**
[On the coagulation factors from V through XIII] Yoshida K, et al. **Jap J Clin Med** 31:755-64, Apr 73 (66 ref.) **(Jap)**
[Blood coagulation and fibrinolysis processes in menstrual blood] Zuch A, et al. **Acta Haematol Pol** 2:359-65, Oct-Dec 71 (43 ref.) **(Pol)**
[Role of the vascular wall in the process of hemostasis] Kuznik BI. **Usp Sovrem Biol** 75:61-85, Jan-Feb 73 (258 ref.) **(Rus)**

ANALYSIS

Developments in transient hemorrhagic disorders. Rowe AJ, et al. **Tex Med** 69:72-8, Feb 73 (78 ref.)
[Molecular-biology findings on various blood clotting factors] Fiedler H. **Folia Haematol (Leipz)** 98:121-39, 1972 (121 ref.) (Eng. Abstr.) **(Ger)**

ANTAGONISTS & INHIBITORS

Heparin, platelets, and venous thrombosis. O'Brien JR. **Am Heart J** 85:435-8, Apr 73 (16 ref.)
Acquired inhibitors of blood coagulation. Feinstein DI, et al. **Prog Hemostasis Thromb** 1:75-95, 1972 (95 ref.)

BIOSYNTHESIS

Metabolic roles of fat-soluble vitamins D, E, and K. Wasserman RH, et al. **Annu Rev Biochem** 41:179-202, 1972 (185 ref.)
Coagulation factor variants. Bloom AL. **Br J Haematol** 23:643-7, Dec 72 (34 ref.)
The molecular basis of hereditary clotting disorders. Ratnoff OD. **Prog Hemostasis Thromb** 1:39-74, 1972 (184 ref.)
[Molecular-biology findings on various blood clotting factors] Fiedler H. **Folia Haematol (Leipz)** 98:121-39, 1972 (121 ref.) (Eng. Abstr.) **(Ger)**

ISOLATION & PURIFICATION

[Some recent advances in blood coagulation research] Sakuragawa N. **Jap J Clin Hematol** 13:923-33, Dec 72 (48 ref.) **(Jap)**

METABOLISM

Metabolic roles of fat-soluble vitamins D, E, and K. Wasserman RH, et al. **Annu Rev Biochem** 41:179-202, 1972 (185 ref.)

Developments in transient hemorrhagic disorders. Rowe AJ, et al. **Tex Med** 69:72-8, Feb 73 (78 ref.)

PHYSIOLOGY

Heparin, platelets, and venous thrombosis. O'Brien JR. **Am Heart J** 85:435-8, Apr 73 (16 ref.)
Coagulation problems. Czapek EE. **Int Anesthesiol Clin** 11:175-201, Summer 73 (66 ref.)
Some recent advances in coagulation--1972. King JB. **S Afr Med J** 46:2085-9, 30 Dec 72 (42 ref.)
[Disseminated intravascular coagulation] Wang FY, et al. **Chin Med J** 5:309-15, 1973 (13 ref.) **(Chi)**
[Some recent advances in blood coagulation research] Sakuragawa N. **Jap J Clin Hematol** 13:923-33, Dec 72 (48 ref.) **(Jap)**

SECRETION

The clinical relevance of platelet function tests. McBride JA, et al. **Br J Haematol** 23:Suppl:201-8, Sep 72 (36 ref.)
[Congenital thrombopathies] Outeiriño Hernanz J, et al. **Rev Clin Esp** 128:93-100, 31 Jan 73 (35 ref.) **(Spa)**

THERAPEUTIC USE

Diagnosis and treatment of inherited bleeding disorders. Strauss HS. **Pediatr Clin North Am** 19:1009-28, Nov 72 (79 ref.)

BLOOD COAGULATION TESTS

Platelet function tests and thrombosis. O'Brien JR. **Adv Exp Med Biol** 34:43-54, 1972 (10 ref.)
Vascular hemostasis: a review. Stevens DJ. **Am J Med Technol** 39:252-7, Jun 73 (50 ref.)
The diagnosis of von Willebrand's disease. Bowie EJ, et al. **Ann Clin Lab Sci** 1:85-91, Jul-Aug 71 (39 ref.)
The fibrin-stabilizing factor. A decade of progress. Mandel EE. **Ann Clin Lab Sci** 1:92-9, Jul-Aug 71 (71 ref.)
Fibrinogen and the fibrinogenopathies. Morse EE. **Ann Clin Lab Sci** 1:155-61, Sep-Oct 71 (30 ref.)
Platelet function tests in disease. Tschopp TB, et al. **Annu Rev Med** 24:1-18, 1973 (214 ref.)
The fibrin stabilizing factor, factor XIII. Duckert F. **Blut** 26:177-9, Mar 73 (11 ref.)
The management of deep venous thrombosis. I. Diagnosis. Edwards IR, et al. **Br J Dermatol** 87:518-22, Nov 72 (37 ref.)
Platelet age: its relationship to platelet size, function and metabolism. Hirsh J. **Br J Haematol** 23:Suppl:209-14, Sep 72 (33 ref.)
The clinical relevance of platelet function tests. McBride JA, et al. **Br J Haematol** 23:Suppl:201-8, Sep 72 (36 ref.)
Coagulation problems. Czapek EE. **Int Anesthesiol Clin** 11:175-201, Summer 73 (66 ref.)
Diagnosis of hemorrhagic disorders. Nemerson Y. **Med Clin North Am** 57:531-41, Mar 73 (30 ref.)
Hemophilia. Schick PK. **Med Clin North Am** 57:1095-106, Jul 73 (52 ref.)
Bleeding disorders due to abnormal platelet function. Weiss HJ. **Med Clin North Am** 37:517-30, Mar 73 (58 ref.)
The mechanisms of venous thrombosis. Anticoagulants, aspirin, and heparin. O'Brien JR. **Mod Concepts Cardiovasc Dis** 42:11-5, Mar 73 (14 ref.)
Diagnosis and treatment of inherited bleeding disorders. Strauss HS. **Pediatr Clin North Am** 19:1009-28, Nov 72 (79 ref.)
A 1973 look at hemophilia and von Willebrand's disease. Ratnoff OD. **Proc Inst Med Chic** 29:296-304, May-Jun 73 (44 ref.)
Acquired inhibitors of blood coagulation. Feinstein DI, et al. **Prog Hemostasis Thromb** 1:75-95, 1972 (95 ref.)
The interaction of blood hemostitic elements with aritificial surfaces. Mason RG. **Prog Hemostasis Thromb** 1:141-64, 1972 (166 ref.)
Uremic bleeding. Rabiner SF. **Prog Hemostasis Thromb** 1:233-50, 1972 (39 ref.)
Developments in transient hemorrhagic disorders. Rowe AJ, et al. **Tex Med** 69:72-8, Feb 73 (78 ref.)
[Fibrinogen. Hereditary hypo--and dysfibrinogenemia] Gajdos A. **Nouv Presse Med** 2:1067-71, Apr 73 (30 ref.) **(Fre)**
[Molecular-biology findings on various blood clotting factors] Fiedler H. **Folia Haematol (Leipz)** 98:121-39, 1972 (121 ref.) (Eng. Abstr.) **(Ger)**
[Influence of gestation on the blood coagulation system and diagnosis of possible disorders] Günter M, et al. **Z Aerztl Fortbild (Jena)** 67:209-15, 1 Mar 73 (37 ref.) **(Ger)**
[Evolution of etiopathogenetic knowledge of hemophilia syndromes] Morrone G. **Pediatria (Napoli)** 80:170-85, 1972 (80 ref.) **(Ita)**
[Detection of fibrinogen and fibrin degradation products (FDP) and its clinical significance] Fujimaki M, et al. **Jap J Clin Med** 31:798-804, Apr 73 (45 ref.) **(Jap)**
[Keypoints in clinical tests for hemorrhagic and thrombotic tendencies] Yasunaga K. **Jap J Clin Med** 31:783-97, Apr 73 (20 ref.) **(Jap)**
[Advances in nephrology. Goodpasture's syndrome] Siciński A. **Pol Arch Med Wewn** 49:499-505, Nov 72 **(Pol)**
[Schedule for diagnostic-therapeutic management of hemorrhagic diathesis] Sulek K. **Wiad Lek** 26:417-22, 1 Mar 73 (20 ref.) **(Pol)**
[Evaluation of the basic methods of studying primary hemostasis and the dynamic function of blood platelets (review of the literature)] Shitikova AS. **Lab Delo** 11:648-56, 1972 (100 ref.) **(Rus)**
[Determining blood coagulation fractions (review of Soviet and foreign literature)] Golovin GV, et al. **Vestn Khir** 110:138-42, Apr 73 (42 ref.) **(Rus)**

BLOOD PLATELET DISORDERS

Coagulation problems. Czapek EE. **Int Anesthesiol Clin** 11:175-201, Summer 73 (66 ref.)
Molecular aspects of the mammalian cell surface. Mehrishi JN. **Prog Biophys Mol Biol** 25:1-70, 1972 (360 ref.)
[Pathophysiology of thrombocytes in shock] Remmele W, et al. **Klin Wochenschr** 51:3-9, Jan 73 (109 ref.) **(Ger)**
[Blood platelet diseases] Winckelmann G. **Med Klin** 68:31-6, 12 Jan 73 (56 ref.) **(Ger)**
[Metabolism of blood platelets: biochemical aspects of its release reaction] Kuramoto A. **Jap J Clin Pathol** 21:11-23, Jan 73 (73 ref.) **(Jap)**

BLOOD

Vascular hemostasis: a review. Stevens DJ. **Am J Med Technol** 39:252-7, Jun 73 (50 ref.)
Uremic bleeding. Rabiner SF. **Prog Hemostasis Thromb** 1:233-50, 1972 (39 ref.)

CHEMICALLY INDUCED

Current concepts in the treatment of chronic myelocytic leukemia. Sokal JE. **Annu Rev Med** 24:281-8, 1973 (24 ref.)
Bleeding disorders due to abnormal platelet function. Weiss HJ. **Med Clin North Am** 37:517-30, Mar 73 (58 ref.)
Adverse hematologic effects of drugs. Pochedly C, et al. **Pediatr Clin North Am** 19:1095-111, Nov 72 (76 ref.)
Hematologic aspects oa alcoholism. Straus DJ. **Semin Hematol** 10:183-94, Jul 73 (85 ref.)
[Blood platelet diseases] Winckelmann G. **Med Klin** 68:31-6, 12 Jan 73 (56 ref.) **(Ger)**

CLASSIFICATION

[Congenital thrombopathies] Outeiriño Hernanz J, et al. **Rev Clin Esp** 128:93-100, 31 Jan 73 (35 ref.) **(Spa)**

COMPLICATIONS

Metabolic disorders of platelets. Hellem AJ. **Adv Intern Med** 17:171-87, 1971 (69 ref.)
The diagnosis of von Willebrand's disease. Bowie EJ, et al. **Ann Clin Lab Sci** 1:85-91, Jul-Aug 71 (39 ref.)
Bleeding disorders due to abnormal platelet function. Weiss HJ. **Med Clin North Am** 37:517-30, Mar 73 (58 ref.)
Hematologic effects of cardiac disease. Maurer HM. **Pediatr Clin North Am** 19:1083-93, Nov 72 (50 ref.)
New aspects of the pathogenesis of thrombo-embolism. Nilsson IM, et al. **Prog Surg** 11:46-68, 1973 (89 ref.)
Paroxysmal nocturnal haemoglobinuria. Dacie JV. **Sci Basis Med** 288-306, 1972 (47 ref.)
[Blood platelet diseases] Winckelmann G. **Med Klin** 68:31-6, 12 Jan 73 (56 ref.) **(Ger)**

[Role of blood clotting and fibrinolytic disorders in diabetics in the development of pathological changes in blood vessels] Chmielewski J.
Wiad Lek 26:615-7, 1 Apr 73 (Pol)

CONGENITAL

Bleeding disorders due to abnormal platelet function. Weiss HJ.
Med Clin North Am 37:517-30, Mar 73 (58 ref.)
[Blood platelet diseases] Winckelmann G.
Med Klin 68:31-6, 12 Jan 73 (56 ref.) (Ger)
[Congenital thrombopathies] Outeiriño Hernanz J, et al. **Rev Clin Esp 128:93-100, 31 Jan 73 (35 ref.) (Spa)**

DIAGNOSIS

Platelet function tests in disease. Tschopp TB, et al.
Annu Rev Med 24:1-18, 1973 (214 ref.)
[Blood platelet diseases] Winckelmann G.
Med Klin 68:31-6, 12 Jan 73 (56 ref.) (Ger)
[Disseminated intravascular coagulation] Amir J.
Harefuah 83:29-32, 2 Jul 72 (20 ref.) (Heb)
[Evaluation of the basic methods of studying primary hemostasis and the dynamic function of blood platelets (review of the literature)] Shitikova AS.
Lab Delo 11:648-56, 1972 (100 ref.) (Rus)

ENZYMOLOGY

[Hematological pathology and clinical enzymology] Ballerini G, et al.
Quad Sclavo Diagn 8:98-145, Mar 72 (255 ref.) (Eng. Abstr.) (Ita)

ETIOLOGY

Metabolic disorders of platelets. Hellem AJ.
Adv Intern Med 17:171-87, 1971 (69 ref.)
The hematologic disorders of alcoholism. Eichner ER.
Am J Med 54:621-30, May 73 (62 ref.)
Platelet function tests in disease. Tschopp TB, et al.
Annu Rev Med 24:1-18, 1973 (214 ref.)
X-linked recessive disorders: chronic granulomatous disease and Wiskott-Aldrich syndrome. Mauer AM.
J Invest Dermatol 60:522-8, Jun 73 (35 ref.)
Bleeding disorders due to abnormal platelet function. Weiss HJ.
Med Clin North Am 37:517-30, Mar 73 (58 ref.)

FAMILIAL & GENETIC

Metabolic disorders of platelets. Hellem AJ.
Adv Intern Med 17:171-87, 1971 (69 ref.)
The clinical relevance of platelet function tests. McBride JA, et al.
Br J Haematol 23:Suppl:201-8, Sep 72 (36 ref.)
[Blood platelet diseases] Winckelmann G.
Med Klin 68:31-6, 12 Jan 73 (56 ref.) (Ger)
[Congenital thrombopathies] Outeiriño Hernanz J, et al. **Rev Clin Esp 128:93-100, 31 Jan 73 (35 ref.) (Spa)**

METABOLISM

Metabolic disorders of platelets. Hellem AJ.
Adv Intern Med 17:171-87, 1971 (69 ref.)
[Hemostasis disorders in liver cirrhosis] Judkiewicz L, et al. **Pol Tyg Lek 28:708-11, 1 May 73 (34 ref.) (Pol)**

PHYSIOPATHOLOGY

Studies of splenic function by means of radioisotope labelled red cells. Szur L, et al.
Br J Haematol 23:Suppl:183-99, Sep 72 (51 ref.)
Bleeding disorders due to abnormal platelet function. Weiss HJ.
Med Clin North Am 37:517-30, Mar 73 (58 ref.)
Haemostatic functions of platelets and their disorders. Hardisty RM. **Sci Basis Med 222-37, 1972 (55 ref.)**
[Evaluation of the basic methods of studying primary hemostasis and the dynamic function of blood platelets (review of the literature)] Shitikova AS.
Lab Delo 11:648-56, 1972 (100 ref.) (Rus)
[Dynamic function of the thrombocytes (a survey of the literature)] Odesskaia TA.
Probl Gematol Pereliv Krovi 17:47-53, Jul 72 (117 ref.) (Rus)

PREVENTION & CONTROL

[Thromboembolism in surgical practice. Current aspects of its control and prophylactic treatment. 2] Toulemonde F.
Phlebologie 25:433-62, Oct-Dec 72 (202 ref.) (Eng. Abstr.) (Fre)

THERAPY

Principles of hematologic supportive care. Graw RG Jr, et al. **Med Clin North Am 57:441-61, Mar 73 (128 ref.)**
[Blood platelet diseases] Winckelmann G.
Med Klin 68:31-6, 12 Jan 73 (56 ref.) (Ger)

BLOOD PLATELETS

Platelet function tests and thrombosis. O'Brien JR.
Adv Exp Med Biol 34:43-54, 1972 (10 ref.)
The role of platelets in arterial and venous thrombosis. Thomas DP. **Adv Exp Med Biol 34:23-42, 1972 (74 ref.)**
Heparin, platelets, and venous thrombosis. O'Brien JR.
Am Heart J 85:435-8, Apr 73 (16 ref.)
The fibrin stabilizing factor, factor XIII. Duckert F.
Blut 26:177-9, Mar 73 (11 ref.)
Platelet age: its relationship to platelet size, function and metabolism. Hirsh J.
Br J Haematol 23:Suppl:209-14, Sep 72 (33 ref.)
The clinical relevance of platelet function tests. McBride JA, et al.
Br J Haematol 23:Suppl:201-8, Sep 72 (36 ref.)
Current transfusion therapy. Hinkes E, et al.
Calif Med 118:38-55, May 73 (173 ref.)
The pharmacology of asthma and possible therapeutic developments. Brocklehurst WE.
Ciba Found Study Group 38:132-50, 1971 (22 ref.)
Alcohol-induced thrombocytopenia: review of the literature and report of case. Heiman JL.
J Am Dent Assoc 85:1358-61, Dec 72 (17 ref.)
Scientific advances in transfusion. O'Riordan JP.
J Ir Med Assoc 66:27-36, 27 Jan 73 (29 ref.)
The role of platelets in glomerulonephritis and transplantation. Wardle EN.
J R Coll Physicians Lond 7:5-18, Oct 72 (105 ref.)
New concept on atherogenesis and treatment of atherosclerotic diseases. Shimamoto T.
Jap Heart J 13:537-62, Nov 72 (77 ref.)
The spectrum of myeloproliferative disorders. Gilbert HS. **Med Clin North Am 57:355-93, Mar 73 (129 ref.)**
Principles of hematologic supportive care. Graw RG Jr, et al. **Med Clin North Am 57:441-61, Mar 73 (128 ref.)**
Thrombosthenin, the contractile protein of blood platelets. New facts and problems. Lüscher EF, et al.
Pathol Biol (Paris) Suppl:89-101, Dec 72 (85 ref.)
Glycoproteins as components of cellular membranes. Hughes RC.
Prog Biophys Mol Biol 26:189-268, 1973 (470 ref.)
Molecular aspects of the mammalian cell surface. Mehrishi JN.
Prog Biophys Mol Biol 25:1-70, 1972 (360 ref.)
The pharmacology of platelet inhibition. Weiss HJ.
Prog Hemostasis Thromb 1:199-231, 1972 (246 ref.)
Hemostatic abnormalities associated with dysproteinemias. Lackner H.
Semin Hematol 10:125-33, Apr 73 (72 ref.)
Water as a biomaterial. Andrade JD, et al.
Trans Am Soc Artif Intern Organs 19:1-7, 1973 (72 ref.)
[Leukocyte groups and blood transfusion] Weise W.
Blut 27:1-5, Jul 73 (30 ref.) (Ger)
[Pathophysiology of thrombocytes in shock] Remmele W, et al.
Klin Wochenschr 51:3-9, Jan 73 (109 ref.) (Ger)
[Thromboembolic complications in pregnancy and during delivery] Ludwig H.
Z Geburtshilfe Perinatol 176:169-82, Jun 72 (47 ref.) (Eng. Abstr.) (Ger)
[Urgency and technic of thromboembolism prevention in surgery] Neef H, et al.
Zentralbl Chir 98:81-9, 19 Jan 73 (17 ref.) (Ger)
[Function and metabolism of the platelets] Odake K.
Jap J Clin Med 31:775-82, Apr 73 (48 ref.) (Jap)
[Pathology of hemorrhage and thrombosis] Tanaka K.
Jap J Clin Med 31:743-54, Apr 73 (44 ref.) (Jap)
[Evaluation of the basic methods of studying primary hemostasis and the dynamic function of blood platelets (review of the literature)] Shitikova AS.
Lab Delo 11:648-56, 1972 (100 ref.) (Rus)
[Role of the vascular wall in the process of hemostasis] Kuznik BI.
Usp Sovrem Biol 75:61-85, Jan-Feb 73 (258 ref.) (Rus)

[Role of cryoprotectors as stabilizers of water in biological media] Medvedev PM, et al. **Usp Sovrem Biol 75:46-60, Jan-Feb 73 (100 ref.) (Rus)**

[The condition of the formed elements of the blood in acute and chronic hemorrhage (a review of Soviet and foreign literature)] Golovin GV, et al. **Vestn Khir 108:136-41, Apr 72 (Rus)**

ANALYSIS

Metabolic disorders of platelets. Hellem AJ. **Adv Intern Med 17:171-87, 1971 (69 ref.)**

Contractile proteins of endothelial cells, platelets and smooth muscle. Becker CG, et al. **Am J Pathol 71:1-22, Apr 73 (34 ref.)**

The fibrin-stabilizing factor. A decade of progress. Mandel EE. **Ann Clin Lab Sci 1:92-9, Jul-Aug 71 (71 ref.)**

[Microstructure of the platelets] Kosaki G, et al. **Jap J Clin Med 31:765-8, Apr 73 (23 ref.) (Jap)**

CYTOLOGY

Metabolic disorders of platelets. Hellem AJ. **Adv Intern Med 17:171-87, 1971 (69 ref.)**

The diagnosis of von Willebrand's disease. Bowie EJ, et al. **Ann Clin Lab Sci 1:85-91, Jul-Aug 71 (39 ref.)**

Platelet age: its relationship to platelet size, function and metabolism. Hirsh J. **Br J Haematol 23:Suppl:209-14, Sep 72 (33 ref.)**

The pharmacology of platelet inhibition. Weiss HJ. **Prog Hemostasis Thromb 1:199-231, 1972 (246 ref.)**

[Microstructure of the platelets] Kosaki G, et al. **Jap J Clin Med 31:765-8, Apr 73 (23 ref.) (Jap)**

[Dynamic function of the thrombocytes (a survey of the literature)] Odesskaia TA. **Probl Gematol Pereliv Krovi 17:47-53, Jul 72 (117 ref.) (Rus)**

DRUG EFFECTS

The action of Atromid-S on lipids and other plasma factors which may be involved in arterial thrombosis. Cotton RC. **Acta Cardiol (Brux) Suppl 25:163-7, 1972 (33 ref.)**

Role of cyclic AMP in platelet function. Salzman EW, et al. **Adv Cyclic Nucleotide Res 1:231-47, 1972 (38 ref.)**

Nonsteroid anti-inflammatory agents. Paulus HE, et al. **Annu Rev Pharmacol 13:107-25, 1973 (304 ref.)**

Prostaglandin E1 and platelets. Bousser MG. **Biomedicine 18:95-102, Mar 73 (63 ref.)**

Streptokinase: a review of its clinical pharmacology, mechanism of action and therapeutic uses. Brogden RN, et al. **Drugs 5:357-445, 1973 (260 ref.)**

Bleeding disorders due to abnormal platelet function. Weiss HJ. **Med Clin North Am 37:517-30, Mar 73 (58 ref.)**

The prostaglandins. Horton EW. **Proc R Soc Lond [Biol] 182:411-26, 5 Dec 72 (70 ref.)**

Haemostatic functions of platelets and their disorders. Hardisty RM. **Sci Basis Med 222-37, 1972 (55 ref.)**

Blood platelet as a model for action of drugs and bacterial products. Paasonen MK. **Toxicon 10:479-84, Aug 72 (37 ref.)**

[Prostaglandins] Matuchansky C, et al. **Cah Med 13:525-39, 15 Jun 72 (198 ref.) (Fre)**

[Thromboembolism in surgical practice. Current aspects of its control and prophylactic treatment. 2] Toulemonde F. **Phlebologie 25:433-62, Oct-Dec 72 (202 ref.) (Eng. Abstr.) (Fre)**

[Magnesium--an anticoagulant physiological electrolyte] Erödi A. **Med Klin 68:216-9, 16 Feb 73 (32 ref.) (Ger)**

[Blood platelet diseases] Winckelmann G. **Med Klin 68:31-6, 12 Jan 73 (56 ref.) (Ger)**

[Platelet aggregation and cyclic AMP] Ukita M. **Jap J Clin Pathol 20:805-9, Nov 72 (7 ref.) (Jap)**

[Blood serum lipoproteins and their role in the etiology of some pathological states] Skrzydlewski Z, et al. **Ginekol Pol 44:455-63, Apr 73 (56 ref.) (Eng. Abstr.) (Pol)**

ENZYMOLOGY

Role of cyclic AMP in platelet function. Salzman EW, et al. **Adv Cyclic Nucleotide Res 1:231-47, 1972 (38 ref.)**

The functional physiology of blood platelets. Born GV. **Adv Exp Med Biol 34:3-21, 1972 (64 ref.)**

Site of synthesis of plasma and platelet factor XIII. McDonagh J, et al. **Ann NY Acad Sci 202:31-40, 8 Dec 72 (28 ref.)**

Cross-linking of fibrin by fibrin=stabilizing factor. McKee PA, et al. **Ann NY Acad Sci 202:127-48, 8 Dec 72 (37 ref.)**

Human platelet senescence. Karpatkin S. **Annu Rev Med 23:101-28, 1972 (56 ref.)**

A review: human erythrocyte acetylcholinesterase. Herz F, et al. **Pediatr Res 7:204-14, Apr 73 (125 ref.)**

Cellular responses to cyclic AMP. Bitensky MW, et al. **Prog Biophys Mol Biol 26:409-61, 1973 (359 ref.)**

The pharmacology of platelet inhibition. Weiss HJ. **Prog Hemostasis Thromb 1:199-231, 1972 (246 ref.)**

Prostaglandin modification of membrane-bound enzyme activity: a possible mechanism of action? Johnson M, et al. **Prostaglandins 3:703-19, May 73 (54 ref.)**

[Dynamic function of the thrombocytes (a survey of the literature)] Odesskaia TA. **Probl Gematol Pereliv Krovi 17:47-53, Jul 72 (117 ref.) (Rus)**

IMMUNOLOGY

General concepts of autosensitivity in disease. Parish WE. **Adv Biol Skin 11:233-66, 1971 (78 ref.)**

Contractile proteins of endothelial cells, platelets and smooth muscle. Becker CG, et al. **Am J Pathol 71:1-22, Apr 73 (34 ref.)**

Tissue typing and organ transplantation. Singal DP. **Can J Surg 15:295-9, Sep 72 (27 ref.)**

The effects of immune complexes on blood platelets and their relationship to complement activation. Pfueller SL, et al. **Immunochemistry 9:1151-65, Nov 72 (152 ref.)**

Principles of hematologic supportive care. Graw RG Jr, et al. **Med Clin North Am 57:441-61, Mar 73 (128 ref.)**

Immunologic mechanisms of platelet damage. Osler AG, et al. **Prog Allergy 16:450-98, 1972 (147 ref.)**

[Clinical importance of leukocyte isoantigens] Mayr WR. **Wien Med Wochenschr 25:373-8, 25 May 73 (65 ref.) (Eng. Abstr.) (Ger)**

[Post-transfusion autoimmune thrombocytopenia purpura syndrome] Walewska I. **Acta Haematol Pol 2:259-64, Jul-Sep 71 (34 ref.) (Eng. Abstr.) (Pol)**

[HL-A system and its importance in transfusiology] Turowski G. **Przegl Lek 29:823-6, 1972 (39 ref.) (Pol)**

METABOLISM

Role of cyclic AMP in platelet function. Salzman EW, et al. **Adv Cyclic Nucleotide Res 1:231-47, 1972 (38 ref.)**

Metabolic disorders of platelets. Hellem AJ. **Adv Intern Med 17:171-87, 1971 (69 ref.)**

Human platelet senescence. Karpatkin S. **Annu Rev Med 23:101-28, 1972 (56 ref.)**

Prostaglandin E1 and platelets. Bousser MG. **Biomedicine 18:95-102, Mar 73 (63 ref.)**

Platelet age: its relationship to platelet size, function and metabolism. Hirsh J. **Br J Haematol 23:Suppl:209-14, Sep 72 (33 ref.)**

Leukocyte mitochondria: function and biogenesis. Kirschner RH, et al. **Enzyme 13:56-76, 1972 (73 ref.)**

Medical and surgical applications of collagen. Chvapil M, et al. **Int Rev Connect Tissue Res 6:1-61, 1973 (253 ref.)**

Serotonin and central nervous system syndromes of childhood: a review. Coleman M. **J Autism Child Schizo 3:27-35, Jan-Mar 73 (29 ref.)**

The pharmacology of platelet inhibition. Weiss HJ. **Prog Hemostasis Thromb 1:199-231, 1972 (246 ref.)**

Blood platelet as a model for action of drugs and bacterial products. Paasonen MK. **Toxicon 10:479-84, Aug 72 (37 ref.)**

[Function and metabolism of the platelets] Odake K. **Jap J Clin Med 31:775-82, Apr 73 (48 ref.) (Jap)**

[Role of enzymes in inflammation] Fujii S, et al. **Jap J Clin Pathol 21:1-10, Jan 73 (73 ref.) (Jap)**

[Metabolism of blood platelets: biochemical aspects of its release reaction] Kuramoto A. **Jap J Clin Pathol 21:11-23, Jan 73 (73 ref.) (Jap)**

[Hemostasis disorders in liver cirrhosis] Judkiewicz L, et al. **Pol Tyg Lek 28:708-11, 1 May 73 (34 ref.) (Pol)**

[Serotonin and the functional state of the gastrointestinal tract in surgical patients (review of the literature)] Kulikova LA, et al. **Khirurgiia (Mosk) 48:124-7, Oct 72 (23 ref.) (Rus)**

[Evaluation of the basic methods of studying primary

hemostasis and the dynamic function of blood platelets (review of the literature)] Shitikova AS. **Lab Delo** 11:648-56, 1972 (100 ref.) **(Rus)**
[Dynamic function of the thrombocytes (a survey of the literature)] Odesskaia TA. **Probl Gematol Pereliv Krovi** 17:47-53, Jul 72 (117 ref.) **(Rus)**

PATHOLOGY

Contractile proteins of endothelial cells, platelets and smooth muscle. Becker CG, et al. **Am J Pathol** 71:1-22, Apr 73 (34 ref.)

PHYSIOLOGY

The functional physiology of blood platelets. Born GV. **Adv Exp Med Biol** 34:3-21, 1972 (64 ref.)
Methods for the preparation of washed platelet suspensions. Mannucci PM. **Adv Exp Med Biol** 34:57-78, 1972 (68 ref.)
Human platelet senescence. Karpatkin S. **Annu Rev Med** 23:101-28, 1972 (56 ref.)
Platelet age: its relationship to platelet size, function and metabolism. Hirsh J. **Br J Haematol** 23:Suppl:209-14, Sep 72 (33 ref.)
The role of platelets in glomerulonephritis and transplantation. Wardle EN. **J R Coll Physicians Lond** 7:5-18, Oct 72 (105 ref.)
Bleeding disorders due to abnormal platelet function. Weiss HJ. **Med Clin North Am** 37:517-30, Mar 73 (58 ref.)
Animal models useful in the study of thrombosis and antithrombotic agents. Didisheim P. **Prog Hemostasis Thromb** 1:165-97, 1972 (235 ref.)
The tissue factor pathway of blood coagulation. Nemerson Y, et al. **Prog Hemostasis Thromb** 1:1-37, 1972 (171 ref.)
Some recent advances in coagulation--1972. King JB. **S Afr Med J** 46:2085-9, 30 Dec 72 (42 ref.)
Haemostatic functions of platelets and their disorders. Hardisty RM. **Sci Basis Med** 222-37, 1972 (55 ref.)
[Electrokinetic properties of formed elements of human blood. (Erythrocytes, blood platelets, lymphocytes)] Larcan A, et al. **Biorheology** 10:189-205, Jun 73 (103 ref.) **(Fre)**
[Function and metabolism of the platelets] Odake K. **Jap J Clin Med** 31:775-82, Apr 73 (48 ref.) **(Jap)**
[Metabolism of blood platelets: biochemical aspects of its release reaction] Kuramoto A. **Jap J Clin Pathol** 21:11-23, Jan 73 (73 ref.) **(Jap)**
[Role of the heart and vessels in regulating blood coagulation and fibrinolysis] Kuznik BI, et al. **Kardiologiia** 13:145-54, Apr 73 (112 ref.) **(Rus)**
[Evaluation of the basic methods of studying primary hemostasis and the dynamic function of blood platelets (review of the literature)] Shitikova AS. **Lab Delo** 11:648-56, 1972 (100 ref.) **(Rus)**
[Dynamic function of the thrombocytes (a survey of the literature)] Odesskaia TA. **Probl Gematol Pereliv Krovi** 17:47-53, Jul 72 (117 ref.) **(Rus)**

PHYSIOPATHOLOGY

The role of platelets in glomerulonephritis and transplantation. Wardle EN. **J R Coll Physicians Lond** 7:5-18, Oct 72 (105 ref.)
Granulocyte and platelet functions in paroxysmal nocturnal hemoglobinuria. Gardner FH, et al. **Ser Haematol** 5:78-87, 1972 (37 ref.)
[Evaluation of the basic methods of studying primary hemostasis and the dynamic function of blood platelets (review of the literature)] Shitikova AS. **Lab Delo** 11:648-56, 1972 (100 ref.) **(Rus)**

SECRETION

Heparin, platelets, and venous thrombosis. O'Brien JR. **Am Heart J** 85:435-8, Apr 73 (16 ref.)
The diagnosis of von Willebrand's disease. Bowie EJ, et al. **Ann Clin Lab Sci** 1:85-91, Jul-Aug 71 (39 ref.)
[Congenital thrombopathies] Outeiriño Hernanz J, et al. **Rev Clin Esp** 128:93-100, 31 Jan 73 (35 ref.) **(Spa)**

TRANSPLANTATION

Disorders of bone marrow production. Bloom GE. **Pediatr Clin North Am** 19:983-1008, Nov 72 (186 ref.)

BLOOD PRESERVATION

The regulation of hemoglobin oxygenation. Harkness DR. **Adv Intern Med** 17:189-214, 1971 (108 ref.)
The role of organic phosphates in erythrocytes on the oxygen dissociation of hemoglobin. Oski FA. **Ann Clin Lab Sci** 1:162-76, Sep-Oct 71 (30 ref.)
Hepatitis in transfusion services. Maycock W d'A. **Br Med Bull** 28:163-8, May 72 (44 ref.)
Current transfusion therapy. Hinkes E, et al. **Calif Med** 118:38-55, May 73 (173 ref.)
Toxicology of di-2-ethylhexyl phthalate and other phthalic acid ester plasticizers. Gesler RM. **Environ Health Perspect** 3:73-9, Jan 73 (26 ref.)
Aluminium takes the rap. **Food Cosmet Toxicol** 11:139-41, Feb 73 (7 ref.)
Scientific advances in transfusion. O'Riordan JP. **J Ir Med Assoc** 66:27-36, 27 Jan 73 (29 ref.)
Principles of hematologic supportive care. Graw RG Jr, et al. **Med Clin North Am** 57:441-61, Mar 73 (128 ref.)
Progress in the federal medical services. **Milit Med** 136:657-82, Aug 71
[Deep-freeze preservation of blood] Seidl S. **Blut** 25:145-9, Sep 72 (34 ref.) **(Ger)**
[Clinical significance of the 2.3-diphosphoglycerate (DPG) concentration in erythrocytes] Baltzer G, et al. **Internist (Berlin)** 14:177-8, Apr 73 (15 ref.) **(Ger)**
[Volume therapy in shock] Gruber UF, et al. **Verh Dtsch Ges Inn Med** 77:1243-9, 1971 (37 ref.) **(Ger)**
[Oxygen transport capacity and the action of cellular organic phosphates of the erythrocyte] Okuda T, et al. **Jap J Anesthesiol** 22:196-207, Mar 73 (77 ref.) **(Eng. Abstr.)** **(Jap)**
[Significance of vitamin E in anemia] Fujii T. **Jap J Clin Hematol** 13:342-54, Jun 72 (100 ref.) **(Jap)**
[Stabilization and use of stabilized erythrocytes in laboratory practice (review of the literature). I. Methods of stabilization] Karal'nik BV. **Lab Delo** 12:723-6, 1972 (53 ref.) **(Rus)**
[Role of cryoprotectors as stabilizers of water in biological media] Medvedev PM, et al. **Usp Sovrem Biol** 75:46-60, Jan-Feb 73 (100 ref.) **(Rus)**

INSTRUMENTATION

Toxicology of di-2-ethylhexyl phthalate and other phthalic acid ester plasticizers. Gesler RM. **Environ Health Perspect** 3:73-9, Jan 73 (26 ref.)
Plasticizers and intravenous therapy. **Nutr Rev** 31:119-20, Apr 73 (4 ref.)

BLOOD VISCOSITY

Acoustic trauma and cochlear microcirculation. An experimental and clinical study on pathogenesis and treatment of inner ear lesions after acute noise exposure. Kellerhals B. **Adv Otorhinolaryngol** 18:91-168, 1972 (201 ref.)
Hyperviscosity syndrome in dysproteinemias. Buxbaum J. **Am J Med Sci** 264:123-6, Aug 72 (21 ref.)
Microcirculation. Zweifach BW. **Annu Rev Physiol** 35:117-50, 1973 (207 ref.)
On biorheology. Copley AL. **Biorheology** 10:87-105, Jun 73 (88 ref.)
The Aharon Katchalsky memorial lecture. "Life, flow and deformation". Silberberg AS. **Biorheology** 10:109-16, Jun 73 (164 ref.)
Clinical significance of hemodynamic findings in hypertension. Frohlich ED. **Chest** 64:94-9, Jul 73 (37 ref.)
Emotional factors in coronary disease. Zohman BL. **Geriatrics** 28:110-9, Feb 73
Immunoglobulin disturbances and their clinical significance. Solomon A, et al. **Med Clin North Am** 37:499-516, Mar 73 (35 ref.)
Burns. Moncrief JA. **N Engl J Med** 288:444-54, 1 Mar 73 (88 ref.)
Cardiogenic shock. Recent advances in pharmacologic management. Kones RJ. **NY State J Med** 73:1886-93, 15 Jul 73 (136 ref.)
Polycythemia and hyperviscosity syndromes in infants and children. Kontras SB. **Pediatr Clin North Am** 19:919-33, Nov 72 (45 ref.)
The flow of model particles and blood cells and its relation to thrombogenesis. Goldsmith HL. **Prog Hemostasis Thromb** 1:97-127, 1972 (127 ref.)
Hyperviscosity syndromes associated with immunoglobulin abnormalities. Bloch KJ, et al. **Semin Hematol** 10:113-24, Apr 73 (55 ref.)
Hemostatic abnormalities associated with

dysproteinemias. Lackner H.
Semin Hematol 10:125-33, Apr 73 (72 ref.)
[Cryoglobulinemia] Slawin S.
Harefuah 83:75-8, 16 Jul 72 (51 ref.) **(Heb)**
[Keypoints in clinical tests for hemorrhagic and thrombotic tendencies] Yasunaga K.
Jap J Clin Med 31:783-97, Apr 73 (20 ref.) **(Jap)**
[Rheology of erythrocytes] Matsunobu Y.
Respir Circ (Tokyo) 21:96-103, Feb 73 (55 ref.) **(Jap)**
[Low flow state--from the standpoint of blood theology] Saito S.
Respir Circ (Tokyo) 20:45-50, Jan 72 (23 ref.) **(Jap)**

DRUG EFFECTS

Streptokinase: a review of its clinical pharmacology, mechanism of action and therapeutic uses. Brogden RN, et al. **Drugs** 5:357-445, 1973 (260 ref.)

CHRISTMAS DISEASE

Hemophilia. Schick PK.
Med Clin North Am 57:1095-106, Jul 73 (52 ref.)

BLOOD

The molecular basis of hereditary clotting disorders. Ratnoff OD.
Prog Hemostasis Thromb 1:39-74, 1972 (184 ref.)
[Some recent advances in blood coagulation research] Sakuragawa N.
Jap J Clin Hematol 13:923-33, Dec 72 (48 ref.) **(Jap)**
[On the coagulation factors from V through XIII] Yoshida K, et al.
Jap J Clin Med 31:755-64, Apr 73 (66 ref.) **(Jap)**

IMMUNOLOGY

The genetics of hereditary disorders of blood coagulation. Ratnoff OD, et al.
Science 179:1291-8, 30 Mar 73 (53 ref.)

CHYMOTRYPSIN

Cooperative conformational changes in globular proteins. Pohl FM.
Angew Chem [Engl] 11:894-6, Oct 72 (113 ref.)
The molecular structure of fibrinogen. Blombäck B, et al. **Ann NY Acad Sci** 202:77-97, 8 Dec 72 (54 ref.)
Catalytic configurations. Henderson R, et al.
Annu Rev Biophys Bioeng 1:1-26, 1972 (117 ref.)
Nuclear magnetic resonance studies of the dynamic aspects of molecular structure and interaction in biological systems. Sykes BD, et al.
Annu Rev Biophys Bioeng 1:27-50, 1972 (188 ref.)
The application of magnetic resonance methods to the study of enzyme structures and action. Knowles PF.
Essays Biochem 8:79-106, 1972 (37 ref.)
X-ray studies of crystalline proteins. Blake CC.
Prog Biophys Mol Biol 25:85-130, 1972 (79 ref.)
[Kinetic characteristics of biological catalysis and the dynamic structure of enzymes] Likhtenshtein GI, et al.
Usp Sovrem Biol 75:26-45, Jan-Feb 73 (91 ref.) **(Rus)**
[Protein structure and optical activity] Usmanov RA, et al.
Usp Sovrem Biol 75:6-25, Jan-Feb 73 (77 ref.) **(Rus)**

ANTAGONISTS & INHIBITORS

Chemistry of enzyme inhibitors of microbial origin. Umezawa H. **Pure Appl Chem** 33:129-44, 1973 (32 ref.)

METABOLISM

The role of pancreatic enzymes in digestion. Beck IT.
Am J Clin Nutr 26:311-25, Mar 73 (122 ref.)
[Development of the endocrine pancreas and differentiation of its function] Kanazawa Y, et al.
Clin Endocrinol (Tokyo) 21:147-55, Feb 73 (41 ref.) **(Jap)**

CLOT RETRACTION

Bleeding disorders due to abnormal platelet function. Weiss HJ.
Med Clin North Am 37:517-30, Mar 73 (58 ref.)
Thrombosthenin, the contractile protein of blood platelets. New facts and problems. Lüscher EF, et al.
Pathol Biol (Paris) Suppl:89-101, Dec 72 (85 ref.)
[Keypoints in clinical tests for hemorrhagic and thrombotic tendencies] Yasunaga K.
Jap J Clin Med 31:783-97, Apr 73 (20 ref.) **(Jap)**
[Evaluation of the basic methods of studying primary hemostasis and the dynamic function of blood platelets (review of the literature)] Shitikova AS.
Lab Delo 11:648-56, 1972 (100 ref.) **(Rus)**
[Role of the vascular wall in the process of hemostasis] Kuznik BI.
Usp Sovrem Biol 75:61-85, Jan-Feb 73 (258 ref.) **(Rus)**
[Determining blood coagulation fractions (review of Soviet and foreign literature)] Golovin GV, et al.
Vestn Khir 110:138-42, Apr 73 (42 ref.) **(Rus)**

COAGULASE

Lysostaphin: model for a specific enzymatic approach to infectious disease. Zygmunt WA, et al.
Prog Drug Res 16:309-33, 1972 (88 ref.)

METABOLISM

[The relationship between staphylococcus and blood coagulation. Biological bases and practical applications] Fumarola D, et al.
G Batteriol Virol Immunol 65:144-51, May-Aug 72 (Eng. Abstr.) **(Ita)**

DIET, ATHEROGENIC

Factors affecting arterial calcification associated with atherosclerosis. A review. Yogamundi Moon J.
Atherosclerosis 16:119-26, Jul-Aug 72 (49 ref.)
Annual administrative reviews: food service. Blaker GG. **Hospitals** 47:127 passim, 1 Apr 73 (49 ref.)
Microcirculation and metabolism in the vascular wall concerned with the vasa vasorum. Nakata Y, et al.
Jap Circ J 37:217-27, Mar 73 (28 ref.)
Atherogenicity of peanut oil in the rabbit.
Nutr Rev 30:70-2, Mar 72 (8 ref.)
Diet in the epidemiology of coronary heart disease. Shaper AG. **Proc Nutr Soc** 31:297-302, Dec 72 (19 ref.)
[Prevention of coronary heart disease: its aims and purposes] Rywik S, et al.
Kardiol Pol 16:241-5, 1973 (22 ref.) **(Pol)**
[Role of ascorbic acid in cholesterol metabolism (literature review)] Ginter E.
Vopr Pitan 31:25-32, Nov-Dec 72 (98 ref.) **(Rus)**

DISSEMINATED INTRAVASCULAR COAGULATION

Evidence for participation of granulocytes in the pathogenesis of the generalized Shwartzman reaction: a review. Horn RG.
J Infect Dis 128:Suppl:134-43, Jul 73 (49 ref.)
Multiple pregnancy. 1. Benirschke K, et al.
N Engl J Med 288:1276-84, 14 Jun 73 (105 ref.)
Intravascular coagulation--acute and chronic--disseminated and local. McKay DG.
Proc Inst Med Chic 29:159-71, Sep 72 (29 ref.)
Some recent advances in coagulation--1972. King JB.
S Afr Med J 46:2085-9, 30 Dec 72 (42 ref.)
Hemostatic problems in liver surgery. Rö JS.
Scand J Gastroenterol [Suppl] 19:71-81, 1973 (67 ref.)
[Disseminated intravascular coagulation] Wang FY, et al. **Chin Med J** 5:309-15, 1973 (13 ref.) **(Chi)**
[Hemolytic-uremic syndrome] Wijffels JC.
Ned Tijdschr Geneeskd 116:1735-42, 23 Sep 72 (51 ref.) **(Dut)**
[Disseminated intravascular coagulation (DIC). I. Experimental DIC in animals and spontaneous DIC in man] Slappendel RJ.
Tijdschr Diergeneeskd 98:605-15, 1 Jul 73 (60 ref.) (Eng. Abstr.) **(Dut)**
[Current problems in the pathogenesis and therapy of various forms of shock in internal medicine] Riecker G.
Verh Dtsch Ges Inn Med 77:1218-21, 1971 (20 ref.) **(Ger)**
[Syndromes of disseminated intravascular coagulation-from the standpoint of internal medicine] Matsuoka M, et al.
Jap J Clin Med 31:810-21, Apr 73 (59 ref.) **(Jap)**
[Syndromes of intravascular coagulation-in the field of surgery] Ninomiya K.
Jap J Clin Med 31:822-30, Apr 73 (44 ref.) **(Jap)**
[Disseminated intravascular coagulation] Maekawa T.
Jap J Clin Pathol 21:24-30, Jan 73 (7 ref.) **(Jap)**

[Disseminated intravascular blood clotting in blood diseases] Uszyński L.
Acta Haematol Pol 2:253-7, Jul-Sep 71 (44 ref.) (Pol)

BLOOD

Intravascular coagulation--acute and chronic--disseminated and local. McKay DG.
Proc Inst Med Chic 29:159-71, Sep 72 (29 ref.)
[Disseminated intravascular coagulation] Wang FY, et al. Chin Med J 5:309-15, 1973 (13 ref.) (Chi)
[Disseminated intravascular coagulation] Amir J.
Harefuah 83:29-32, 2 Jul 72 (20 ref.) (Heb)
[Syndromes of disseminated intravascular coagulation-from the standpoint of internal medicine] Matsuoka M, et al.
Jap J Clin Med 31:810-21, Apr 73 (59 ref.) (Jap)

COMPLICATIONS

Acute renal failure in obstetric septic shock. Current views on pathogenesis and management. Emmanouel DS, et al.
Am J Obstet Gynecol 117:145-59, 1 Sep 73 (161 ref.)
Platelet function tests in disease. Tschopp TB, et al.
Annu Rev Med 24:1-18, 1973 (214 ref.)
The management of deep venous thrombosis. I. Diagnosis. Edwards IR, et al.
Br J Dermatol 87:518-22, Nov 72 (37 ref.)
Microangiopathic haemolytic anaemia (MHA). Brain MC. Br J Haematol 23:Suppl:45-52, Sep 72 (70 ref.)
Coagulation problems. Czapek EE.
Int Anesthesiol Clin 11:175-201, Summer 73 (66 ref.)
Shock. Gill W, et al.
J R Coll Surg Edinb 17:304-14, Sep 72 (89 ref.)
Coagulation and renal disease. Kincaid-Smith P.
Kidney Int 2:183-90, Oct 72 (99 ref.)
Surfactant. Woolcock AJ.
Med J Aust 1:900-3, 5 May 73 (23 ref.)
Intravascular coagulation--acute and chronic--disseminated and local. McKay DG.
Proc Inst Med Chic 29:159-71, Sep 72 (29 ref.)
[Shock and shock control] Fischer H.
Munch Med Wochenschr 114:2091-6, 24 Nov 72 (88 ref.) (Ger)
[Etiology and pathogenesis of Sheehan's syndrome (review of the literature)] Pasha SP.
Akush Ginekol (Mosk) 48:20-3, May 72 (33 ref.) (Eng. Abstr.) (Rus)

DIAGNOSIS

Some recent advances in coagulation--1972. King JB.
S Afr Med J 46:2085-9, 30 Dec 72 (42 ref.)
[Disseminated intravascular coagulation] Wang FY, et al. Chin Med J 5:309-15, 1973 (13 ref.) (Chi)
[Disseminated intravascular coagulation (DIC). I. Experimental DIC in animals and spontaneous DIC in man] Slappendel RJ.
Tijdschr Diergeneeskd 98:605-15, 1 Jul 73 (60 ref.) (Eng. Abstr.) (Dut)
[Influence of gestation on the blood coagulation system and diagnosis of possible disorders] Günter M, et al.
Z Aerztl Fortbild (Jena) 67:209-15, 1 Mar 73 (37 ref.) (Ger)
[Disseminated intravascular coagulation] Amir J.
Harefuah 83:29-32, 2 Jul 72 (20 ref.) (Heb)
[Syndromes of disseminated intravascular coagulation-from the standpoint of internal medicine] Matsuoka M, et al.
Jap J Clin Med 31:810-21, Apr 73 (59 ref.) (Jap)
[Syndromes of intravascular coagulation-in the field of surgery] Ninomiya K.
Jap J Clin Med 31:822-30, Apr 73 (44 ref.) (Jap)
[Disseminated intravascular coagulation] Maekawa T.
Jap J Clin Pathol 21:24-30, Jan 73 (7 ref.) (Jap)
[Clinical aspects of disseminated intravascular coagulation in children] Myśliwiec B.
Pol Tyg Lek 28:67-70, 8 Jan 73 (23 ref.) (Pol)

DRUG THERAPY

Coagulation problems. Czapek EE.
Int Anesthesiol Clin 11:175-201, Summer 73 (66 ref.)
Advances in the treatment of blood disorders. Jacobs A, et al. Practitioner 209:496-503, Oct 72 (18 ref.)
Intravascular coagulation--acute and chronic--disseminated and local. McKay DG.
Proc Inst Med Chic 29:159-71, Sep 72 (29 ref.)
Some recent advances in coagulation--1972. King JB.
S Afr Med J 46:2085-9, 30 Dec 72 (42 ref.)
[Disseminated intravascular coagulation] Wang FY, et al. Chin Med J 5:309-15, 1973 (13 ref.) (Chi)
[Disseminated intravascular coagulation] Amir J.
Harefuah 83:29-32, 2 Jul 72 (20 ref.) (Heb)
[Syndromes of disseminated intravascular coagulation-from the standpoint of internal medicine] Matsuoka M, et al.
Jap J Clin Med 31:810-21, Apr 73 (59 ref.) (Jap)
[Syndromes of intravascular coagulation-in the field of surgery] Ninomiya K.
Jap J Clin Med 31:822-30, Apr 73 (44 ref.) (Jap)
[Disseminated intravascular coagulation] Maekawa T.
Jap J Clin Pathol 21:24-30, Jan 73 (7 ref.) (Jap)
[Clinical aspects of disseminated intravascular coagulation in children] Myśliwiec B.
Pol Tyg Lek 28:67-70, 8 Jan 73 (23 ref.) (Pol)

ETIOLOGY

Nonfulminant fat embolism: review of concepts on its genesis and physiopathology. Weisz GM, et al.
Anesth Analg (Cleve) 52:303-9, Mar 73 (38 ref.)
On the pathogenesis of pre-eclampsia and eclampsia. Page EW.
J Obstet Gynaecol Br Commonw 79:883-94, Oct 72 (76 ref.)
Intravascular coagulation--acute and chronic--disseminated and local. McKay DG.
Proc Inst Med Chic 29:159-71, Sep 72 (29 ref.)
Developments in transient hemorrhagic disorders. Rowe AJ, et al. Tex Med 69:72-8, Feb 73 (78 ref.)
[Disseminated intravascular coagulation] Wang FY, et al. Chin Med J 5:309-15, 1973 (13 ref.) (Chi)
[Pathogenesis of the septic-toxic shock] Bartel J.
Z Aerztl Fortbild (Jena) 66:753-8, 1 Aug 72 (49 ref.) (Ger)
[Syndromes of disseminated intravascular coagulation-from the standpoint of internal medicine] Matsuoka M, et al.
Jap J Clin Med 31:810-21, Apr 73 (59 ref.) (Jap)
[Syndromes of intravascular coagulation-in the field of surgery] Ninomiya K.
Jap J Clin Med 31:822-30, Apr 73 (44 ref.) (Jap)
[Disseminated intravascular coagulation] Maekawa T.
Jap J Clin Pathol 21:24-30, Jan 73 (7 ref.) (Jap)

IMMUNOLOGY

Intravascular coagulation--acute and chronic--disseminated and local. McKay DG.
Proc Inst Med Chic 29:159-71, Sep 72 (29 ref.)

MICROBIOLOGY

[Clinical aspects of disseminated intravascular coagulation in children] Myśliwiec B.
Pol Tyg Lek 28:67-70, 8 Jan 73 (23 ref.) (Pol)

MORTALITY

[Clinical aspects of disseminated intravascular coagulation in children] Myśliwiec B.
Pol Tyg Lek 28:67-70, 8 Jan 73 (23 ref.) (Pol)

PATHOLOGY

[Disseminated intravascular coagulation (DIC). I. Experimental DIC in animals and spontaneous DIC in man] Slappendel RJ.
Tijdschr Diergeneeskd 98:605-15, 1 Jul 73 (60 ref.) (Eng. Abstr.) (Dut)

PHYSIOPATHOLOGY

[Syndromes of intravascular coagulation-in the field of surgery] Ninomiya K.
Jap J Clin Med 31:822-30, Apr 73 (44 ref.) (Jap)

THERAPY

[Disseminated intravascular coagulation] Wang FY, et al. Chin Med J 5:309-15, 1973 (13 ref.) (Chi)
[Disseminated intravascular coagulation (DIC). I. Experimental DIC in animals and spontaneous DIC in man] Slappendel RJ.
Tijdschr Diergeneeskd 98:605-15, 1 Jul 73 (60 ref.) (Eng. Abstr.) (Dut)

VETERINARY

Principles of cardiopulmonary medicine. Garner HE.
Vet Clin N Amer 3:239-50, May 73 (27 ref.)

EMBOLISM, AMNIOTIC FLUID

DIAGNOSIS

[Thromboembolic complications in pregnancy and during delivery] Ludwig H.
Z Geburtshilfe Perinatol 176:169-82, Jun 72 (47 ref.) (Eng. Abstr.) (Ger)

ETIOLOGY

Coagulation problems. Czapek EE.
Int Anesthesiol Clin 11:175-201, Summer 73 (66 ref.)

FACTOR V

Hemostatic problems in liver surgery. Rö JS.
Scand J Gastroenterol [Suppl] 19:71-81, 1973 (67 ref.)
[Influence of gestation on the blood coagulation system and diagnosis of possible disorders] Günter M, et al.
Z Aerztl Fortbild (Jena) 67:209-15, 1 Mar 73 (37 ref.) (Ger)
[On the coagulation factors from V through XIII] Yoshida K, et al.
Jap J Clin Med 31:755-64, Apr 73 (66 ref.) (Jap)
[Clinical aspects of disseminated intravascular coagulation in children] Myśliwiec B.
Pol Tyg Lek 28:67-70, 8 Jan 73 (23 ref.) (Pol)

ANTAGONISTS & INHIBITORS

Acquired inhibitors of blood coagulation. Feinstein DI, et al. Prog Hemostasis Thromb 1:75-95, 1972 (95 ref.)

METABOLISM

Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA.
Ann Clin Lab Sci 1:139-54, Sep-Oct 71 (46 ref.)
Diagnosis of hemorrhagic disorders. Nemerson Y.
Med Clin North Am 57:531-41, Mar 73 (30 ref.)

PHYSIOLOGY

[Disseminated intravascular coagulation] Amir J.
Harefuah 83:29-32, 2 Jul 72 (20 ref.) (Heb)

FACTOR V DEFICIENCY

BLOOD

[On the coagulation factors from V through XIII] Yoshida K, et al.
Jap J Clin Med 31:755-64, Apr 73 (66 ref.) (Jap)

DIAGNOSIS

Diagnosis and treatment of inherited bleeding disorders. Strauss HS.
Pediatr Clin North Am 19:1009-28, Nov 72 (79 ref.)

FACTOR VII

Clinical considerations for the anesthesiologist whose patient is on anticoagulant therapy. Ellison N, et al.
Anesthesiology 39:328-36, Sep 73 (57 ref.)
Coagulation factor variants. Bloom AL.
Br J Haematol 23:643-7, Dec 72 (34 ref.)
The tissue factor pathway of blood coagulation. Nemerson Y, et al.
Prog Hemostasis Thromb 1:1-37, 1972 (171 ref.)
Hemostatic problems in liver surgery. Rö JS.
Scand J Gastroenterol [Suppl] 19:71-81, 1973 (67 ref.)
[Physiological inhibitors of thrombin and thrombin synthesis] Schröer H.
Folia Haematol (Leipz) 99:212-22, 1973 (34 ref.) (Eng. Abstr.) (Ger)
[Influence of gestation on the blood coagulation system and diagnosis of possible disorders] Günter M, et al.
Z Aerztl Fortbild (Jena) 67:209-15, 1 Mar 73 (37 ref.) (Ger)
[On the coagulation factors from V through XIII] Yoshida K, et al.
Jap J Clin Med 31:755-64, Apr 73 (66 ref.) (Jap)

BIOSYNTHESIS

[Hemostasis disorders in liver cirrhosis] Judkiewicz L, et al. Pol Tyg Lek 28:708-11, 1 May 73 (34 ref.) (Pol)

METABOLISM

Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA.
Ann Clin Lab Sci 1:139-54, Sep-Oct 71 (46 ref.)

PHYSIOLOGY

[Disseminated intravascular coagulation] Amir J.
Harefuah 83:29-32, 2 Jul 72 (20 ref.) (Heb)

FACTOR VIII

Coagulation factor variants. Bloom AL.
Br J Haematol 23:643-7, Dec 72 (34 ref.)
Hemophilia. Schick PK.
Med Clin North Am 57:1095-106, Jul 73 (52 ref.)
Hemostatic problems in liver surgery. Rö JS.
Scand J Gastroenterol [Suppl] 19:71-81, 1973 (67 ref.)
The genetics of hereditary disorders of blood coagulation. Ratnoff OD, et al.
Science 179:1291-8, 30 Mar 73 (53 ref.)
[Molecular-biology findings on various blood clotting factors] Fiedler H.
Folia Haematol (Leipz) 98:121-39, 1972 (121 ref.) (Eng. Abstr.) (Ger)
[Influence of gestation on the blood coagulation system and diagnosis of possible disorders] Günter M, et al.
Z Aerztl Fortbild (Jena) 67:209-15, 1 Mar 73 (37 ref.) (Ger)
[On the coagulation factors from V through XIII] Yoshida K, et al.
Jap J Clin Med 31:755-64, Apr 73 (66 ref.) (Jap)
[Clinical aspects of disseminated intravascular coagulation in children] Myśliwiec B.
Pol Tyg Lek 28:67-70, 8 Jan 73 (23 ref.) (Pol)
[Role of blood clotting and fibrinolytic disorders in diabetics in the development of pathological changes in blood vessels] Chmielewski J.
Wiad Lek 26:615-7, 1 Apr 73 (Pol)
[Blood hypercoagulability (attempted classification of pre-thrombotic states)] Tymiński W.
Wiad Lek 26:423-6, 1 Mar 73 (11 ref.) (Pol)
[Role of the vascular wall in the process of hemostasis] Kuznik BI.
Usp Sovrem Biol 75:61-85, Jan-Feb 73 (258 ref.) (Rus)

ANALYSIS

The diagnosis of von Willebrand's disease. Bowie EJ, et al. Ann Clin Lab Sci 1:85-91, Jul-Aug 71 (39 ref.)
A 1973 look at hemophilia and von Willebrand's disease. Ratnoff OD.
Proc Inst Med Chic 29:296-304, May-Jun 73 (44 ref.)

ANTAGONISTS & INHIBITORS

Acquired inhibitors of blood coagulation. Feinstein DI, et al. Prog Hemostasis Thromb 1:75-95, 1972 (95 ref.)

BIOSYNTHESIS

The diagnosis of von Willebrand's disease. Bowie EJ, et al. Ann Clin Lab Sci 1:85-91, Jul-Aug 71 (39 ref.)
A 1973 look at hemophilia and von Willebrand's disease. Ratnoff OD.
Proc Inst Med Chic 29:296-304, May-Jun 73 (44 ref.)

METABOLISM

Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA.
Ann Clin Lab Sci 1:139-54, Sep-Oct 71 (46 ref.)
Diagnosis of hemorrhagic disorders. Nemerson Y.
Med Clin North Am 57:531-41, Mar 73 (30 ref.)
The tissue factor pathway of blood coagulation. Nemerson Y, et al.
Prog Hemostasis Thromb 1:1-37, 1972 (171 ref.)

PHYSIOLOGY

[Disseminated intravascular coagulation] Amir J.
Harefuah 83:29-32, 2 Jul 72 (20 ref.) (Heb)
[Role of the heart and vessels in regulating blood

coagulation and fibrinolysis] Kuznik BI, et al. **Kardiologiia 13:145-54, Apr 73 (112 ref.) (Rus)**

THERAPEUTIC USE

Hemophilia. Schick PK.
Med Clin North Am 57:1095-106, Jul 73 (52 ref.)

FACTOR IX

Coagulation factor variants. Bloom AL.
Br J Haematol 23:643-7, Dec 72 (34 ref.)
Hemophilia. Schick PK.
Med Clin North Am 57:1095-106, Jul 73 (52 ref.)
Hemostatic problems in liver surgery. Rö JS.
Scand J Gastroenterol [Suppl] 19:71-81, 1973 (67 ref.)
[On the coagulation factors from V through XIII] Yoshida K, et al.
Jap J Clin Med 31:755-64, Apr 73 (66 ref.) (Jap)

ANALYSIS

A 1973 look at hemophilia and von Willebrand's disease. Ratnoff OD.
Proc Inst Med Chic 29:296-304, May-Jun 73 (44 ref.)

ANTAGONISTS & INHIBITORS

Acquired inhibitors of blood coagulation. Feinstein DI, et al. **Prog Hemostasis Thromb 1:75-95, 1972 (95 ref.)**

BIOSYNTHESIS

[Hemostasis disorders in liver cirrhosis] Judkiewicz L, et al. **Pol Tyg Lek 28:708-11, 1 May 73 (34 ref.) (Pol)**

METABOLISM

Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA.
Ann Clin Lab Sci 1:139-54, Sep-Oct 71 (46 ref.)
Diagnosis of hemorrhagic disorders. Nemerson Y.
Med Clin North Am 57:531-41, Mar 73 (30 ref.)

PHYSIOLOGY

[Disseminated intravascular coagulation] Amir J.
Harefuah 83:29-32, 2 Jul 72 (20 ref.) (Heb)

THERAPEUTIC USE

Hemophilia. Schick PK.
Med Clin North Am 57:1095-106, Jul 73 (52 ref.)

FACTOR X

Coagulation factor variants. Bloom AL.
Br J Haematol 23:643-7, Dec 72 (34 ref.)
Hemostatic problems in liver surgery. Rö JS.
Scand J Gastroenterol [Suppl] 19:71-81, 1973 (67 ref.)
[On the coagulation factors from V through XIII] Yoshida K, et al.
Jap J Clin Med 31:755-64, Apr 73 (66 ref.) (Jap)

METABOLISM

Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA.
Ann Clin Lab Sci 1:139-54, Sep-Oct 71 (46 ref.)
Diagnosis of hemorrhagic disorders. Nemerson Y.
Med Clin North Am 57:531-41, Mar 73 (30 ref.)

PHYSIOLOGY

[Disseminated intravascular coagulation] Amir J.
Harefuah 83:29-32, 2 Jul 72 (20 ref.) (Heb)

FACTOR XI

Hemostatic problems in liver surgery. Rö JS.
Scand J Gastroenterol [Suppl] 19:71-81, 1973 (67 ref.)
[Physiological inhibitors of thrombin and thrombin synthesis] Schröer H.
Folia Haematol (Leipz) 99:212-22, 1973 (34 ref.) (Eng. Abstr.) (Ger)
[On the coagulation factors from V through XIII] Yoshida K, et al.
Jap J Clin Med 31:755-64, Apr 73 (66 ref.) (Jap)

BIOSYNTHESIS

[Hemostasis disorders in liver cirrhosis] Judkiewicz L, et al. **Pol Tyg Lek 28:708-11, 1 May 73 (34 ref.) (Pol)**

METABOLISM

Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA.
Ann Clin Lab Sci 1:139-54, Sep-Oct 71 (46 ref.)

FACTOR XI DEFICIENCY

BLOOD

[On the coagulation factors from V through XIII] Yoshida K, et al.
Jap J Clin Med 31:755-64, Apr 73 (66 ref.) (Jap)

DIAGNOSIS

Diagnosis and treatment of inherited bleeding disorders. Strauss HS.
Pediatr Clin North Am 19:1009-28, Nov 72 (79 ref.)

FACTOR XII

The interaction of blood hemostitic elements with aritificial surfaces. Mason RG.
Prog Hemostasis Thromb 1:141-64, 1972 (166 ref.)
Hemostatic problems in liver surgery. Rö JS.
Scand J Gastroenterol [Suppl] 19:71-81, 1973 (67 ref.)
[On the coagulation factors from V through XIII] Yoshida K, et al.
Jap J Clin Med 31:755-64, Apr 73 (66 ref.) (Jap)
[Hageman enzyme as a trigger of blood kininogenesis systems] Buluk K, et al.
Pol Arch Med Wewn 50:475-80, May 73 (44 ref.) (Pol)
[Role of plasma kinins in the function of some organs and their participation in the pathogenesis of various pathological states] Kolber-Postępska B.
Pol Tyg Lek 28:621-4, 23 May 73 (19 ref.) (Pol)
[Blood hypercoagulability (attempted classification of pre-thrombotic states)] Tymiński W.
Wiad Lek 26:423-6, 1 Mar 73 (11 ref.) (Pol)

METABOLISM

Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA.
Ann Clin Lab Sci 1:139-54, Sep-Oct 71 (46 ref.)
Diagnosis of hemorrhagic disorders. Nemerson Y.
Med Clin North Am 57:531-41, Mar 73 (30 ref.)
[Disseminated intravascular coagulation] Maekawa T.
Jap J Clin Pathol 21:24-30, Jan 73 (7 ref.) (Jap)

PHYSIOLOGY

[Disseminated intravascular coagulation] Amir J.
Harefuah 83:29-32, 2 Jul 72 (20 ref.) (Heb)
[Role of enzymes in inflammation] Fujii S, et al.
Jap J Clin Pathol 21:1-10, Jan 73 (73 ref.) (Jap)
[Hageman enzyme as a trigger of blood kininogenesis systems] Buluk K, et al.
Pol Arch Med Wewn 50:475-80, May 73 (44 ref.) (Pol)

FACTOR XIII

The fibrin-stabilizing factor. A decade of progress. Mandel EE.
Ann Clin Lab Sci 1:92-9, Jul-Aug 71 (71 ref.)
Fibrinoligase: the fibrin-stabilizing factor system of blood plasma. Lorand L.
Ann NY Acad Sci 202:6-30, 8 Dec 72 (75 ref.)
Cross-linking of fibrin by fibrin=stabilizing factor. McKee PA, et al.
Ann NY Acad Sci 202:127-48, 8 Dec 72 (37 ref.)
Tissue transamidases, fibrin stabilization and clot lysis. Tyler HM.
Ann NY Acad Sci 202:273-85, 8 Dec 72 (39 ref.)
The fibrin stabilizing factor, factor XIII. Duckert F.
Biut 26:177-9, Mar 73 (11 ref.)
Clinical physiology of the fibrinolytic enzyme system. Douglas AS, et al. **J Clin Pathol 25:615-8, Jul 72**
Hemostatic problems in liver surgery. Rö JS.
Scand J Gastroenterol [Suppl] 19:71-81, 1973 (67 ref.)
[On the coagulation factors from V through XIII] Yoshida K, et al.
Jap J Clin Med 31:755-64, Apr 73 (66 ref.) (Jap)
[Role of the vascular wall in the process of hemostasis]

Kuznik BI.
Usp Sovrem Biol 75:61-85, Jan-Feb 73 (258 ref.) (Rus)

ANTAGONISTS & INHIBITORS

Fibrinoligase: the fibrin-stabilizing factor system of blood plasma. Lorand L.
Ann NY Acad Sci 202:6-30, 8 Dec 72 (75 ref.)

BIOSYNTHESIS

Site of synthesis of plasma and platelet factor XIII. McDonagh J, et al.
Ann NY Acad Sci 202:31-40, 8 Dec 72 (28 ref.)
[Hemostasis disorders in liver cirrhosis] Judkiewicz L, et al. Pol Tyg Lek 28:708-11, 1 May 73 (34 ref.) (Pol)

ISOLATION & PURIFICATION

The fibrin-stabilizing factor. A decade of progress. Mandel EE.
Ann Clin Lab Sci 1:92-9, Jul-Aug 71 (71 ref.)
Fibrinoligase: the fibrin-stabilizing factor system of blood plasma. Lorand L.
Ann NY Acad Sci 202:6-30, 8 Dec 72 (75 ref.)
Site of synthesis of plasma and platelet factor XIII. McDonagh J, et al.
Ann NY Acad Sci 202:31-40, 8 Dec 72 (28 ref.)
Cross-linking of fibrin by fibrin=stabilizing factor. McKee PA, et al.
Ann NY Acad Sci 202:127-48, 8 Dec 72 (37 ref.)

METABOLISM

Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA.
Ann Clin Lab Sci 1:139-54, Sep-Oct 71 (46 ref.)
Site of synthesis of plasma and platelet factor XIII. McDonagh J, et al.
Ann NY Acad Sci 202:31-40, 8 Dec 72 (28 ref.)
[Disseminated intravascular coagulation] Maekawa T.
Jap J Clin Pathol 21:24-30, Jan 73 (7 ref.) (Jap)

PHYSIOLOGY

[Disseminated intravascular coagulation] Amir J.
Harefuah 83:29-32, 2 Jul 72 (20 ref.) (Heb)

FACTOR XIII DEFICIENCY

The fibrin-stabilizing factor. A decade of progress. Mandel EE.
Ann Clin Lab Sci 1:92-9, Jul-Aug 71 (71 ref.)
Coagulation problems. Czapek EE.
Int Anesthesiol Clin 11:175-201, Summer 73 (66 ref.)
The molecular basis of hereditary clotting disorders. Ratnoff OD.
Prog Hemostasis Thromb 1:39-74, 1972 (184 ref.)

BLOOD

Site of synthesis of plasma and platelet factor XIII. McDonagh J, et al.
Ann NY Acad Sci 202:31-40, 8 Dec 72 (28 ref.)
Cross-linking of fibrin by fibrin=stabilizing factor. McKee PA, et al.
Ann NY Acad Sci 202:127-48, 8 Dec 72 (37 ref.)
The fibrin stabilizing factor, factor XIII. Duckert F.
Blut 26:177-9, Mar 73 (11 ref.)
[On the coagulation factors from V through XIII] Yoshida K, et al.
Jap J Clin Med 31:755-64, Apr 73 (66 ref.) (Jap)

COMPLICATIONS

The fibrin-stabilizing factor. A decade of progress. Mandel EE.
Ann Clin Lab Sci 1:92-9, Jul-Aug 71 (71 ref.)
The fibrin stabilizing factor, factor XIII. Duckert F.
Blut 26:177-9, Mar 73 (11 ref.)

CONGENITAL

The fibrin-stabilizing factor. A decade of progress. Mandel EE.
Ann Clin Lab Sci 1:92-9, Jul-Aug 71 (71 ref.)

DIAGNOSIS

The fibrin-stabilizing factor. A decade of progress. Mandel EE.
Ann Clin Lab Sci 1:92-9, Jul-Aug 71 (71 ref.)

FAMILIAL & GENETIC

Fibrinoligase: the fibrin-stabilizing factor system of blood plasma. Lorand L.
Ann NY Acad Sci 202:6-30, 8 Dec 72 (75 ref.)
The genetics of hereditary disorders of blood coagulation. Ratnoff OD, et al.
Science 179:1291-8, 30 Mar 73 (53 ref.)

IMMUNOLOGY

The genetics of hereditary disorders of blood coagulation. Ratnoff OD, et al.
Science 179:1291-8, 30 Mar 73 (53 ref.)

FATTY STREAK, ARTERIAL

COMPLICATIONS

Fat nutrition and diet in childhood. Schubert WK.
Am J Cardiol 31:581-7, May 73 (101 ref.)

METABOLISM

Mechanisms of cholesterol accumulation in atherosclerotic lesions. Velican C.
Rev Roum Med Intern 9:501-15, 1972 (57 ref.)

OCCURRENCE

Pathology and epidemiology of atherosclerosis. Strong JP, et al. J Am Diet Assoc 62:262-8, Mar 73 (14 ref.)

FIBRIN

The molecular structure of fibrinogen. Blombäck B, et al. Ann NY Acad Sci 202:77-97, 8 Dec 72 (54 ref.)
Fibrinoligase: the fibrin-stabilizing factor system of blood plasma. Lorand L.
Ann NY Acad Sci 202:6-30, 8 Dec 72 (75 ref.)
Cross-linking of fibrin by fibrin=stabilizing factor. McKee PA, et al.
Ann NY Acad Sci 202:127-48, 8 Dec 72 (37 ref.)
Tissue transamidases, fibrin stabilization and clot lysis. Tyler HM.
Ann NY Acad Sci 202:273-85, 8 Dec 72 (39 ref.)
The fibrin stabilizing factor, factor XIII. Duckert F.
Blut 26:177-9, Mar 73 (11 ref.)
Current transfusion therapy. Hinkes E, et al.
Calif Med 118:38-55, May 73 (173 ref.)
Wound healing: a review. Brooks MP.
J Miss State Med Assoc 14:385-90, Sep 73 (56 ref.)
Animal models useful in the study of thrombosis and antithrombotic agents. Didisheim P.
Prog Hemostasis Thromb 1:165-97, 1972 (235 ref.)
[Fibrinogen: biophysical, biochemical and biological properties] Krantz S, et al.
Folia Haematol (Leipz) 98:1-30, 1972 (283 ref.) (Eng. Abstr.) (Ger)

ADVERSE EFFECTS

Coagulation and renal disease. Kincaid-Smith P.
Kidney Int 2:183-90, Oct 72 (99 ref.)

ANALYSIS

Bright's disease today: the pathogenesis and treatment of glomerulonephritis. II. Cameron JS.
Br Med J 4:160-3 contd, 21 Oct 72
[Detection of fibrinogen and fibrin degradation products (FDP) and its clinical significance] Fujimaki M, et al.
Jap J Clin Med 31:793-804, Apr 73 (45 ref.) (Jap)

BIOSYNTHESIS

Bright's disease today: the pathogenesis and treatment of glomerulonephritis. 3. Cameron JS.
Br Med J 4:217-20, 28 Oct 72 (153 ref.)
Structural organization of the fibrinogen macromolecule related to the process of fibrin formation. Velican D.
Rev Roum Med Intern 9:419-36, 1972 (84 ref.)
Developments in transient hemorrhagic disorders. Rowe AJ, et al. Tex Med 69:72-8, Feb 73 (78 ref.)

METABOLISM

Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA. **Ann Clin Lab Sci 1:139-54, Sep-Oct 71 (46 ref.)**
Nature and biological activities of degradation products of fibrinogen and fibrin. Kwaan HC, et al. **Annu Rev Med 24:335-44, 1973 (76 ref.)**
Diagnosis of hemorrhagic disorders. Nemerson Y. **Med Clin North Am 57:531-41, Mar 73 (30 ref.)**
The tissue factor pathway of blood coagulation. Nemerson Y, et al. **Prog Hemostasis Thromb 1:1-37, 1972 (171 ref.)**
[Fibrinogen. Hereditary hypo--and dysfibrinogenemia] Gajdos A. **Nouv Presse Med 2:1067-71, Apr 73 (30 ref.) (Fre)**
[Detection of fibrinogen and fibrin degradation products (FDP) and its clinical significance] Fujimaki M, et al. **Jap J Clin Med 31:798-804, Apr 73 (45 ref.) (Jap)**
[Fibrinogen and fibrin degradation products] Fujimaki M, et al. **Jap J Clin Pathol 21:31-6, Jan 73 (42 ref.) (Jap)**
[Disseminated intravascular coagulation] Maekawa T. **Jap J Clin Pathol 21:24-30, Jan 73 (7 ref.) (Jap)**
[Alpha-1-antitrypsin of blood serum: its biochemical properties, inborn deficiencies and biological functions] Koj A. **Przegl Lek 29:699-705, 1972 (76 ref.) (Pol)**
[The role of local factors in the genesis of obstructive thromboses in atherosclerosis] Velican D. **Stud Cercet Med Interna 14:127-41, 1973 (76 ref.) (Eng. Abstr.) (Rum)**

PHYSIOLOGY

The role of platelets in arterial and venous thrombosis. Thomas DP. **Adv Exp Med Biol 34:23-42, 1972 (74 ref.)**
Coagulation problems. Czapek EE. **Int Anesthesiol Clin 11:175-201, Summer 73 (66 ref.)**
[Disseminated intravascular coagulation] Amir J. **Harefuah 83:29-32, 2 Jul 72 (20 ref.) (Heb)**

SECRETION

Shock. McGovern VJ. **Pathol Annu 6:279-98, 1971 (57 ref.)**

FIBRINOGEN

The action of Atromid-S on lipids and other plasma factors which may be involved in arterial thrombosis. Cotton RC. **Acta Cardiol (Brux) Suppl 25:163-7, 1972 (33 ref.)**
The functional physiology of blood platelets. Born GV. **Adv Exp Med Biol 34:3-21, 1972 (64 ref.)**
Fibrinogen and the fibrinogenopathies. Morse EE. **Ann Clin Lab Sci 1:155-61, Sep-Oct 71 (30 ref.)**
The molecular structure of fibrinogen. Blombäck B, et al. **Ann NY Acad Sci 202:77-97, 8 Dec 72 (54 ref.)**
Cross-linking of fibrin by fibrin=stabilizing factor. McKee PA, et al. **Ann NY Acad Sci 202:127-48, 8 Dec 72 (37 ref.)**
Tissue transamidases, fibrin stabilization and clot lysis. Tyler HM. **Ann NY Acad Sci 202:273-85, 8 Dec 72 (39 ref.)**
The metabolic and endocrine response to injury: a review. Johnston ID. **Br J Anaesth 45:252-5, Mar 73 (15 ref.)**
The management of deep venous thrombosis. I. Diagnosis. Edwards IR, et al. **Br J Dermatol 87:518-22, Nov 72 (37 ref.)**
Coagulation factor variants. Bloom AL. **Br J Haematol 23:643-7, Dec 72 (34 ref.)**
Prevention of thromboembolism after hip fracture. Lyon LJ, et al. **Geriatrics 28:107-10, Jan 73 (17 ref.)**
Coagulation problems. Czapek EE. **Int Anesthesiol Clin 11:175-201, Summer 73 (66 ref.)**
Evidence for participation of granulocytes in the pathogenesis of the generalized Shwartzman reaction: a review. Horn RG. **J Infect Dis 128:Suppl:134-43, Jul 73 (49 ref.)**
Some applications of gamma-emitting radioisotopes in rheumatology. Onge RA, et al. **Mod Trends Rheumatol 2:60-77, 1971 (58 ref.)**
Principles and methods for the preparation of drug protein conjugates for immunological studies. Erlanger BF. **Pharmacol Rev 25:271-80, Jun 73 (74 ref.)**
Acquired inhibitors of blood coagulation. Feinstein DI, et al. **Prog Hemostasis Thromb 1:75-95, 1972 (95 ref.)**
Recent advances in venous thrombo-embolism. A review article. Sobel JD. **S Afr Med J 47:1197-202, 14 Jul 73 (53 ref.)**
Hemostatic problems in liver surgery. Rö JS. **Scand J Gastroenterol [Suppl] 19:71-81, 1973 (67 ref.)**
[Fibrinogen. Hereditary hypo--and dysfibrinogenemia] Gajdos A. **Nouv Presse Med 2:1067-71, Apr 73 (30 ref.) (Fre)**
[Fibrinogen: biophysical, biochemical and biological properties] Krantz S, et al. **Folia Haematol (Leipz) 98:1-30, 1972 (283 ref.) (Eng. Abstr.) (Ger)**
[Influence of gestation on the blood coagulation system and diagnosis of possible disorders] Günter M, et al. **Z Aerztl Fortbild (Jena) 67:209-15, 1 Mar 73 (37 ref.) (Ger)**
[Fibrinogen and fibrin degradation products] Fujimaki M, et al. **Jap J Clin Pathol 21:31-6, Jan 73 (42 ref.) (Jap)**
[Fibrinogenopathies] Stahl M. **Acta Haematol Pol 3:93-9, Jan-Mar 72 (22 ref.) (Pol)**

ANALYSIS

Fibrinogen and the fibrinogenopathies. Morse EE. **Ann Clin Lab Sci 1:155-61, Sep-Oct 71 (30 ref.)**
The molecular structure of fibrinogen. Blombäck B, et al. **Ann NY Acad Sci 202:77-97, 8 Dec 72 (54 ref.)**
Diagnosis of hemorrhagic disorders. Nemerson Y. **Med Clin North Am 57:531-41, Mar 73 (30 ref.)**
Structural organization of the fibrinogen macromolecule related to the process of fibrin formation. Velican D. **Rev Roum Med Intern 9:419-36, 1972 (84 ref.)**
Some recent advances in coagulation--1972. King JB. **S Afr Med J 46:2085-9, 30 Dec 72 (42 ref.)**
New concept on atherogenesis. Shimamoto T. **Vasa 2:84-95, 1973 (36 ref.)**
[Molecular-biology findings on various blood clotting factors] Fiedler H. **Folia Haematol (Leipz) 98:121-39, 1972 (121 ref.) (Eng. Abstr.) (Ger)**
[Detection of fibrinogen and fibrin degradation products (FDP) and its clinical significance] Fujimaki M, et al. **Jap J Clin Med 31:798-804, Apr 73 (45 ref.) (Jap)**
[Fibrinogenopathies] Stahl M. **Acta Haematol Pol 3:93-9, Jan-Mar 72 (22 ref.) (Pol)**

BIOSYNTHESIS

[Fibrinogen. Hereditary hypo--and dysfibrinogenemia] Gajdos A. **Nouv Presse Med 2:1067-71, Apr 73 (30 ref.) (Fre)**

BLOOD

Metabolic disorders of platelets. Hellem AJ. **Adv Intern Med 17:171-87, 1971 (69 ref.)**

CLASSIFICATION

[Fibrinogenopathies] Stahl M. **Acta Haematol Pol 3:93-9, Jan-Mar 72 (22 ref.) (Pol)**

DIAGNOSTIC USE

Heparin, platelets, and venous thrombosis. O'Brien JR. **Am Heart J 85:435-8, Apr 73 (16 ref.)**
Microangiopathic haemolytic anaemia (MHA). Brain MC. **Br J Haematol 23:Suppl:45-52, Sep 72 (70 ref.)**
Advances in the treatment of peripheral vascular disease. Gillespie JA. **Practitioner 209:519-27, Oct 72 (21 ref.)**
[Nuclear medicine tumor diagnosis] Strötges MW. **Nucl Med (Stuttg) 9:21-34, 1971 (74 ref.) (Ger)**

ISOLATION & PURIFICATION

[Fibrinogen: biophysical, biochemical and biological properties] Krantz S, et al. **Folia Haematol (Leipz) 98:1-30, 1972 (283 ref.) (Eng. Abstr.) (Ger)**

METABOLISM

Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA. **Ann Clin Lab Sci 1:139-54, Sep-Oct 71 (46 ref.)**
Fibrinogen and the fibrinogenopathies. Morse EE. **Ann Clin Lab Sci 1:155-61, Sep-Oct 71 (30 ref.)**
Nature and biological activities of degradation

products of fibrinogen and fibrin. Kwaan HC, et al. **Annu Rev Med** 24:335-44, 1973 (76 ref.)
Acute-phase proteins in wound healing. Gordon AH. **Ciba Found Symp** 9:73-90, 1972 (40 ref.)
The molecular basis of hereditary clotting disorders. Ratnoff OD. **Prog Hemostasis Thromb** 1:39-74, 1972 (184 ref.)
Structural organization of the fibrinogen macromolecule related to the process of fibrin formation. Velican D. **Rev Roum Med Intern** 9:419-36, 1972 (84 ref.)
[Fibrinogen. Hereditary hypo--and dysfibrinogenemia] Gajdos A. **Nouv Presse Med** 2:1067-71, Apr 73 (30 ref.) **(Fre)**
[Fibrinogen: biophysical, biochemical and biological properties] Krantz S, et al. **Folia Haematol (Leipz)** 98:1-30, 1972 (283 ref.) (Eng. Abstr.) **(Ger)**
[Magnesium--an anticoagulant physiological electrolyte] Erödi A. **Med Klin** 68:216-9, 16 Feb 73 (32 ref.) **(Ger)**
[Detection of fibrinogen and fibrin degradation products (FDP) and its clinical significance] Fujimaki M, et al. **Jap J Clin Med** 31:798-804, Apr 73 (45 ref.) **(Jap)**
[Fibrinogen and fibrin degradation products] Fujimaki M, et al. **Jap J Clin Pathol** 21:31-6, Jan 73 (42 ref.) **(Jap)**
[Disseminated intravascular coagulation] Maekawa T. **Jap J Clin Pathol** 21:24-30, Jan 73 (7 ref.) **(Jap)**
[Disseminated intravascular blood clotting in blood diseases] Uszyński L. **Acta Haematol Pol** 2:253-7, Jul-Sep 71 (44 ref.) **(Pol)**
[Hemostasis disorders in liver cirrhosis] Judkiewicz L, et al. **Pol Tyg Lek** 28:708-11, 1 May 73 (34 ref.) **(Pol)**
[Principles of thrombolytic treatment] Judkiewicz L, et al. **Pol Tyg Lek** 27:1011-3, 26 Jun 72 (27 ref.) **(Pol)**
[Role of blood clotting and fibrinolytic disorders in diabetics in the development of pathological changes in blood vessels] Chmielewski J. **Wiad Lek** 26:615-7, 1 Apr 73 **(Pol)**
[Hemostatic system in cancer patients] Rakhmaeva VA, et al. **Vopr Onkol** 18:90-7, 1972 (60 ref.) **(Rus)**

PHARMACODYNAMICS

[Fibrinogen: biophysical, biochemical and biological properties] Krantz S, et al. **Folia Haematol (Leipz)** 98:1-30, 1972 (283 ref.) (Eng. Abstr.) **(Ger)**

PHYSIOLOGY

On biorheology. Copley AL. **Biorheology** 10:87-105, Jun 73 (88 ref.)
Thrombin inhibiting action of heparin. Abildgaard U. **Folia Haematol (Leipz)** 98:408-16, 1972 (31 ref.)
The mechanisms of venous thrombosis. Anticoagulants, aspirin, and heparin. O'Brien JR. **Mod Concepts Cardiovasc Dis** 42:11-5, Mar 73 (14 ref.)
Structural organization of the fibrinogen macromolecule related to the process of fibrin formation. Velican D. **Rev Roum Med Intern** 9:419-36, 1972 (84 ref.)
[Disseminated intravascular coagulation] Amir J. **Harefuah** 83:29-32, 2 Jul 72 (20 ref.) **(Heb)**

THERAPEUTIC USE

[Schedule for diagnostic-therapeutic management of hemorrhagic diathesis] Sulek K. **Wiad Lek** 26:417-22, 1 Mar 73 (20 ref.) **(Pol)**

FIBRINOLYSIN

Problems in evaluating the components of the kinin system. Hamberg U. **Ann Chir Gynaecol Fenn** 61:238-50, 1972 (46 ref.)
Clinical physiology of the fibrinolytic enzyme system. Douglas AS, et al. **J Clin Pathol** 25:615-8, Jul 72
[Fibrinogen and fibrin degradation products] Fujimaki M, et al. **Jap J Clin Pathol** 21:31-6, Jan 73 (42 ref.) **(Jap)**

ANTAGONISTS & INHIBITORS

Clinical physiology of the fibrinolytic enzyme system. Douglas AS, et al. **J Clin Pathol** 25:615-8, Jul 72
New aspects of the pathogenesis of thrombo-embolism. Nilsson IM, et al. **Prog Surg** 11:46-68, 1973 (89 ref.)

METABOLISM

New aspects of the pathogenesis of thrombo-embolism. Nilsson IM, et al. **Prog Surg** 11:46-68, 1973 (89 ref.)
[Disseminated intravascular coagulation] Maekawa T. **Jap J Clin Pathol** 21:24-30, Jan 73 (7 ref.) **(Jap)**
[Blood coagulation and fibrinolysis processes in menstrual blood] Zuch A, et al. **Acta Haematol Pol** 2:359-65, Oct-Dec 71 (43 ref.) **(Pol)**
[Hageman enzyme as a trigger of blood kininogenesis systems] Buluk K, et al. **Pol Arch Med Wewn** 50:475-80, May 73 (44 ref.) **(Pol)**
[Hemostasis disorders in liver cirrhosis] Judkiewicz L, et al. **Pol Tyg Lek** 28:708-11, 1 May 73 (34 ref.) **(Pol)**
[Principles of thrombolytic treatment] Judkiewicz L, et al. **Pol Tyg Lek** 27:1011-3, 26 Jun 72 (27 ref.) **(Pol)**

PHYSIOLOGY

[Fibrinogen. Hereditary hypo--and dysfibrinogenemia] Gajdos A. **Nouv Presse Med** 2:1067-71, Apr 73 (30 ref.) **(Fre)**
[Disseminated intravascular coagulation] Amir J. **Harefuah** 83:29-32, 2 Jul 72 (20 ref.) **(Heb)**
[Role of enzymes in inflammation] Fujii S, et al. **Jap J Clin Pathol** 21:1-10, Jan 73 (73 ref.) **(Jap)**

SECRETION

New aspects of the pathogenesis of thrombo-embolism. Nilsson IM, et al. **Prog Surg** 11:46-68, 1973 (89 ref.)

FIBRINOLYSIS

The role of platelets in arterial and venous thrombosis. Thomas DP. **Adv Exp Med Biol** 34:23-42, 1972 (74 ref.)
Problems in evaluating the components of the kinin system. Hamberg U. **Ann Chir Gynaecol Fenn** 61:238-50, 1972 (46 ref.)
Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA. **Ann Clin Lab Sci** 1:139-54, Sep-Oct 71 (46 ref.)
Fibrinogen and the fibrinogenopathies. Morse EE. **Ann Clin Lab Sci** 1:155-61, Sep-Oct 71 (30 ref.)
Cross-linking of fibrin by fibrin=stabilizing factor. McKee PA, et al. **Ann NY Acad Sci** 202:127-48, 8 Dec 72 (37 ref.)
Tissue transamidases, fibrin stabilization and clot lysis. Tyler HM. **Ann NY Acad Sci** 202:273-85, 8 Dec 72 (39 ref.)
Neutrophil proteases in inflammation. Janoff A. **Annu Rev Med** 23:177-90, 1972 (78 ref.)
Nature and biological activities of degradation products of fibrinogen and fibrin. Kwaan HC, et al. **Annu Rev Med** 24:335-44, 1973 (76 ref.)
Cardiovascular disease in the tropics. IV. Coronary heart disease. Shaper AG. **Br Med J** 4:32-5, 7 Oct 72 (82 ref.)
Coagulation problems. Czapek EE. **Int Anesthesiol Clin** 11:175-201, Summer 73 (66 ref.)
Clinical physiology of the fibrinolytic enzyme system. Douglas AS, et al. **J Clin Pathol** 25:615-8, Jul 72
Evidence for participation of granulocytes in the pathogenesis of the generalized Shwartzman reaction: a review. Horn RG. **J Infect Dis** 128:Suppl:134-43, Jul 73 (49 ref.)
New aspects of the pathogenesis of thrombo-embolism. Nilsson IM, et al. **Prog Surg** 11:46-68, 1973 (89 ref.)
Some recent advances in coagulation--1972. King JB. **S Afr Med J** 46:2085-9, 30 Dec 72 (42 ref.)
Hemostatic problems in liver surgery. Rö JS. **Scand J Gastroenterol [Suppl]** 19:71-81, 1973 (67 ref.)
Hemostatic abnormalities associated with dysproteinemias. Lackner H. **Semin Hematol** 10:125-33, Apr 73 (72 ref.)
[Disseminated intravascular coagulation (DIC). I. Experimental DIC in animals and spontaneous DIC in man] Slappendel RJ. **Tijdschr Diergeneeskd** 98:605-15, 1 Jul 73 (60 ref.) (Eng. Abstr.) **(Dut)**
[Clinical management of cardiogenic shock] Baedeker W. **Int J Clin Pharmacol** 7:132-41, Apr 73 (78 ref.) (Eng. Abstr.) **(Ger)**
[Influence of gestation on the blood coagulation system and diagnosis of possible disorders] Günter M, et al. **Z Aerztl Fortbild (Jena)** 67:209-15, 1 Mar 73 (37 ref.) **(Ger)**
[The relationship between staphylococcus and blood coagulation. Biological bases and practical

applications] Fumarola D, et al.
G Batteriol Virol Immunol 65:144-51, May-Aug 72 (Eng. Abstr.) (Ita)
[Adrenocortical hormones and arteriosclerosis] Takeda R, et al.
Clin Endocrinol (Tokyo) 20:605-11, Aug 72 (48 ref.) (Jap)
[Arteriosclerosis and fibrinolysis] Matsuda T.
Jap J Clin Med 31:836-43, Apr 73 (31 ref.) (Jap)
[Pathology of hemorrhage and thrombosis] Tanaka K.
Jap J Clin Med 31:743-54, Apr 73 (44 ref.) (Jap)
[Keypoints in clinical tests for hemorrhagic and thrombotic tendencies] Yasunaga K.
Jap J Clin Med 31:783-97, Apr 73 (20 ref.) (Jap)
[Blood coagulation and fibrinolysis processes in menstrual blood] Zuch A, et al.
Acta Haematol Pol 2:359-65, Oct-Dec 71 (43 ref.) (Pol)
[Role of blood clotting and fibrinolytic disorders in diabetics in the development of pathological changes in blood vessels] Chmielewski J.
Wiad Lek 26:615-7, 1 Apr 73 (Pol)
[Role of the heart and vessels in regulating blood coagulation and fibrinolysis] Kuznik BI, et al.
Kardiologiia 13:145-54, Apr 73 (112 ref.) (Rus)
[Role of the vascular wall in the process of hemostasis] Kuznik BI.
Usp Sovrem Biol 75:61-85, Jan-Feb 73 (258 ref.) (Rus)
[Hemostatic system in cancer patients] Rakhmaeva VA, et al. **Vopr Onkol 18:90-7, 1972 (60 ref.) (Rus)**

DRUG EFFECTS

The action of Atromid-S on lipids and other plasma factors which may be involved in arterial thrombosis. Cotton RC.
Acta Cardiol (Brux) Suppl 25:163-7, 1972 (33 ref.)
Tissue transamidases, fibrin stabilization and clot lysis. Tyler HM.
Ann NY Acad Sci 202:273-85, 8 Dec 72 (39 ref.)
Streptokinase: a review of its clinical pharmacology, mechanism of action and therapeutic uses. Brogden RN, et al. **Drugs 5:357-445, 1973 (260 ref.)**
Oral contraceptives: therapeutics versus adverse reactions, with an outlook for the future I. Bingel AS, et al. **J Pharm Sci 62:179-200, Feb 73 (162 ref.)**
[Blood serum lipoproteins and their role in the etiology of some pathological states] Skrzydlewski Z, et al.
Ginekol Pol 44:455-63, Apr 73 (56 ref.) (Eng. Abstr.) (Pol)
[Hageman enzyme as a trigger of blood kininogenesis systems] Buluk K, et al.
Pol Arch Med Wewn 50:475-80, May 73 (44 ref.) (Pol)

FIBRINOLYTIC AGENTS

Tissue transamidases, fibrin stabilization and clot lysis. Tyler HM.
Ann NY Acad Sci 202:273-85, 8 Dec 72 (39 ref.)
Clinical physiology of the fibrinolytic enzyme system. Douglas AS, et al. **J Clin Pathol 25:615-8, Jul 72**

ADMINISTRATION & DOSAGE

[Retinal arterial occlusions. Review of the literature of the past 5 years] Bonamour G.
Arch Ophtalmol (Paris) 32:767-78, Nov 72 (98 ref.) (Fre)

PHARMACODYNAMICS

[Disseminated intravascular coagulation] Amir J.
Harefuah 83:29-32, 2 Jul 72 (20 ref.) (Heb)

THERAPEUTIC USE

Pulmonary thromboembolism: current concepts. McIntyre KM, et al.
Adv Intern Med 18:199-218, 1972 (84 ref.)
Streptokinase: a review of its clinical pharmacology, mechanism of action and therapeutic uses. Brogden RN, et al. **Drugs 5:357-445, 1973 (260 ref.)**
Advances in medicine. McNicol GP, et al.
Practitioner 209:411-23, Oct 72 (52 ref.)
[What is assured in drug therapy of cerebrovascular circulation disorders?] Gottstein U.
Med Klin 68:947-51, 20 Jul 73 (34 ref.) (Ger)
[Some directions in the prevention and therapy of cerebral hypoxia] Akimov GA, et al.
Zh Nevropatol Psikhiatr 73:491-7, 1973 (102 ref.) (Rus)

HEMANGIOENDOTHELIOMA

PATHOLOGY

Radiation injury with particular reference to thorotrast. Grampa G.
Pathol Annu 6:147-69, 1971 (199 ref.)

HEMANGIOMA

Central hemangioma of the maxilla. Baum SM, et al.
J Oral Surg 30:885-92, Dec 72 (30 ref.)
Neonatal dermatology. 3. Pigmentary lesions and hemangiomas. Esterly NB, et al.
J Pediatr 81:1003-13, Nov 72 (33 ref.)

COMPLICATIONS

The phakomatoses. Font RL, et al.
Int Ophthalmol Clin 12:1-50, Spring 72 (52 ref.)
Intravascular coagulation--acute and chronic--disseminated and local. McKay DG.
Proc Inst Med Chic 29:159-71, Sep 72 (29 ref.)
[Syndromes of disseminated intravascular coagulation-from the standpoint of internal medicine] Matsuoka M, et al.
Jap J Clin Med 31:810-21, Apr 73 (59 ref.) (Jap)
[Syndromes of intravascular coagulation-in the field of surgery] Ninomiya K.
Jap J Clin Med 31:822-30, Apr 73 (44 ref.) (Jap)

PATHOLOGY

Hemangiomas of the iris and ciliary body. Do they exist? A search for a histologically proved case. Ferry AP. **Int Ophthalmol Clin 12:177-94, Spring 72 (18 ref.)**
Central hemangioma of the maxilla. Baum SM, et al.
J Oral Surg 30:885-92, Dec 72 (30 ref.)

RADIOGRAPHY

Errors in the diagnosis of Wilms' tumors. Shackelford GD, et al.
CRC Crit Rev Radiol Sci 3:171-96, Apr 72 (65 ref.)
Angiography of the spinal cord. A review of contemporary techniques and applications. Di Chiro G, et al. **J Neurosurg 39:1-29, Jul 73 (132 ref.)**
Central hemangioma of the maxilla. Baum SM, et al.
J Oral Surg 30:885-92, Dec 72 (30 ref.)

RADIOTHERAPY

Central hemangioma of the maxilla. Baum SM, et al.
J Oral Surg 30:885-92, Dec 72 (30 ref.)

SURGERY

Central hemangioma of the maxilla. Baum SM, et al.
J Oral Surg 30:885-92, Dec 72 (30 ref.)
Management of the pediatric surgical patient. Buntain WL, et al. **Mayo Clin Proc 47:654-80, Sep 72 (61 ref.)**

THERAPY

Central hemangioma of the maxilla. Baum SM, et al.
J Oral Surg 30:885-92, Dec 72 (30 ref.)
[Therapy of skin and venereal diseases. Literature review 1970-71]
Dtsch Med J 23:xvixxix contd, 10 Jun 72 (Ger)

HEMANGIOMA, CAVERNOUS

Cavernous hemangioma of the oral cavity: review of the literature and report of case. Friedman JM, et al.
J Oral Surg 31:617-9, Aug 73 (12 ref.)

DIAGNOSIS

Fluorescein angiography. An aid in the differential diagnosis of intraocular tumors. Gass JD.
Int Ophthalmol Clin 12:85-120, Spring 72 (5 ref.)

PATHOLOGY

Hemangiomas of the iris and ciliary body. Do they exist? A search for a histologically proved case. Ferry AP. **Int Ophthalmol Clin 12:177-94, Spring 72 (18 ref.)**
Cavernous hemangioma of the oral cavity: review of the literature and report of case. Friedman JM, et al.
J Oral Surg 31:617-9, Aug 73 (12 ref.)

RADIOGRAPHY

Chest wall tumors. Omell GH, et al.
Radiol Clin North Am 11:197-214, Apr 73 (41 ref.)

SURGERY

Cavernous hemangioma of the oral cavity: review of the literature and report of case. Friedman JM, et al.
J Oral Surg 31:617-9, Aug 73 (12 ref.)

HEMANGIOPERICYTOMA

CONGENITAL

[Hemangiopericytoma of the child] Reich H.
Monatsschr Kinderheilkd 120:430-4, Oct 72 (53 ref.) (Eng. Abstr.) (Ger)

DIAGNOSIS

[Hemangiopericytoma of the child] Reich H.
Monatsschr Kinderheilkd 120:430-4, Oct 72 (53 ref.) (Eng. Abstr.) (Ger)

PATHOLOGY

[Hemangiopericytoma of the child] Reich H.
Monatsschr Kinderheilkd 120:430-4, Oct 72 (53 ref.) (Eng. Abstr.) (Ger)

RADIOGRAPHY

Angiography of the primary retroperitoneal tumors. Lowman RM.
CRC Crit Rev Radiol Sci 3:389-423, 1972 (123 ref.)

SURGERY

[Hemangiopericytoma of the child] Reich H.
Monatsschr Kinderheilkd 120:430-4, Oct 72 (53 ref.) (Eng. Abstr.) (Ger)

HEMATOMA

Roentgen diagnosis of aortic disease. Dinsmore RE, et al. Prog Cardiovasc Dis 16:151-85, Sep-Oct 73 (109 ref.)

COMPLICATIONS

Treatment of dissecting aneurysms of the aorta: current status. Wheat MW Jr.
Prog Cardiovasc Dis 16:87-101, Jul-Aug 73 (25 ref.)

DIAGNOSIS

Problems in the diagnosis of malignant melanomas of the choroid and ciliary body. The 1972 Arthur J. Bedell Lecture. Zimmerman LE.
Am J Ophthalmol 75:917-29, Jun 73 (47 ref.)

ETIOLOGY

The fibrin stabilizing factor, factor XIII. Duckert F.
Blut 26:177-9, Mar 73 (11 ref.)
Radiologic evaluation of splenic trauma. Gold RE, et al.
CRC Crit Rev Radiol Sci 3:453-87, Dec 72 (117 ref.)

PATHOLOGY

Problems in the diagnosis of malignant melanomas of the choroid and ciliary body. The 1972 Arthur J. Bedell Lecture. Zimmerman LE.
Am J Ophthalmol 75:917-29, Jun 73 (47 ref.)
Dissecting aneurysm of the aorta. Gore I, et al.
Prog Cardiovasc Dis 16:103-11, Sep-Oct 73 (52 ref.)

RADIOGRAPHY

Radiologic evaluation of splenic trauma. Gold RE, et al.
CRC Crit Rev Radiol Sci 3:453-87, Dec 72 (117 ref.)
Angiography of the primary retroperitoneal tumors. Lowman RM.
CRC Crit Rev Radiol Sci 3:389-423, 1972 (123 ref.)
[Radiodiagnosis of urinary tract injuries] Bandtlow KH.
Monatsschr Unfallheilkd 75:350-6, Aug 72 (36 ref.) (Eng. Abstr.) (Ger)

SURGERY

Abdominal surgery. I. Welch CE.
N Engl J Med 288:609-16, 22 Mar 73 (106 ref.)

THERAPY

Hysterectomy complications. Levinson CJ.
Clin Obstet Gynecol 15:802-26, Sep 72 (16 ref.)

HEMOPHILIA

Coagulation problems. Czapek EE.
Int Anesthesiol Clin 11:175-201, Summer 73 (66 ref.)
Hemophilia. Schick PK.
Med Clin North Am 57:1095-106, Jul 73 (52 ref.)

BLOOD

A 1973 look at hemophilia and von Willebrand's disease. Ratnoff OD.
Proc Inst Med Chic 29:296-304, May-Jun 73 (44 ref.)
[Molecular-biology findings on various blood clotting factors] Fiedler H.
Folia Haematol (Leipz) 98:121-39, 1972 (121 ref.) (Eng. Abstr.) (Ger)
[On the coagulation factors from V through XIII] Yoshida K, et al.
Jap J Clin Med 31:755-64, Apr 73 (66 ref.) (Jap)

CLASSIFICATION

[Evolution of etiopathogenetic knowledge of hemophilia syndromes] Morrone G.
Pediatria (Napoli) 80:170-85, 1972 (80 ref.) (Ita)

COMPLICATIONS

Hemophilia. Schick PK.
Med Clin North Am 57:1095-106, Jul 73 (52 ref.)
[Subarachnoid hemorrhage in childhood] Luis-Porras C, et al.
Rev Clin Esp 129:111-8, 30 Apr 73 (39 ref.) (Spa)

DIAGNOSIS

Hemophilia. Schick PK.
Med Clin North Am 57:1095-106, Jul 73 (52 ref.)
Diagnosis and treatment of inherited bleeding disorders. Strauss HS.
Pediatr Clin North Am 19:1009-28, Nov 72 (79 ref.)

ETIOLOGY

Hemophilia. Schick PK.
Med Clin North Am 57:1095-106, Jul 73 (52 ref.)
[Evolution of etiopathogenetic knowledge of hemophilia syndromes] Morrone G.
Pediatria (Napoli) 80:170-85, 1972 (80 ref.) (Ita)

FAMILIAL & GENETIC

A 1973 look at hemophilia and von Willebrand's disease. Ratnoff OD.
Proc Inst Med Chic 29:296-304, May-Jun 73 (44 ref.)
[Evolution of etiopathogenetic knowledge of hemophilia syndromes] Morrone G.
Pediatria (Napoli) 80:170-85, 1972 (80 ref.) (Ita)

IMMUNOLOGY

A 1973 look at hemophilia and von Willebrand's disease. Ratnoff OD.
Proc Inst Med Chic 29:296-304, May-Jun 73 (44 ref.)
Acquired inhibitors of blood coagulation. Feinstein DI, et al. Prog Hemostasis Thromb 1:75-95, 1972 (95 ref.)
The molecular basis of hereditary clotting disorders. Ratnoff OD.
Prog Hemostasis Thromb 1:39-74, 1972 (184 ref.)
The genetics of hereditary disorders of blood coagulation. Ratnoff OD, et al.
Science 179:1291-8, 30 Mar 73 (53 ref.)
[Molecular-biology findings on various blood clotting factors] Fiedler H.
Folia Haematol (Leipz) 98:121-39, 1972 (121 ref.) (Eng. Abstr.) (Ger)
[Australia antigen: new discoveries and hypotheses] Sylwestrowicz T, et al.
Acta Hepatogastroenterol (Stuttg) 2:97-102, Jan-Mar 71 (40 ref.) (Pol)

PHYSIOPATHOLOGY

Hemophilia. Schick PK.
Med Clin North Am 57:1095-106, Jul 73 (52 ref.)

THERAPY

Hemophilia. Schick PK.
Med Clin North Am 57:1095-106, Jul 73 (52 ref.)
Diagnosis and treatment of inherited bleeding disorders. Strauss HS.
Pediatr Clin North Am 19:1009-28, Nov 72 (79 ref.)
A 1973 look at hemophilia and von Willebrand's disease. Ratnoff OD.
Proc Inst Med Chic 29:296-304, May-Jun 73 (44 ref.)

HEMORRHAGIC DIATHESIS

Long-term physical illness in childhood: a challenge to psychosocial adaptation. Mattsson A.
Pediatrics 50:801-11, Nov 72 (62 ref.)
[Schedule for diagnostic-therapeutic management of hemorrhagic diathesis] Sulek K.
Wiad Lek 26:417-22, 1 Mar 73 (20 ref.) (Pol)

CLASSIFICATION

[Schedule for diagnostic-therapeutic management of hemorrhagic diathesis] Sulek K.
Wiad Lek 26:417-22, 1 Mar 73 (20 ref.) (Pol)

COMPLICATIONS

[Subarachnoid hemorrhage in childhood] Luis-Porras C, et al.
Rev Clin Esp 129:111-8, 30 Apr 73 (39 ref.) (Spa)

DIAGNOSIS

[Keypoints in clinical tests for hemorrhagic and thrombotic tendencies] Yasunaga K.
Jap J Clin Med 31:783-97, Apr 73 (20 ref.) (Jap)
[The Ehlers-Danlos syndrome (Cutis hyperelastica)] Olszewska Z.
Przegl Dermatol 59:793-7, Nov-Dec 72 (40 ref.) (Pol)
[Schedule for diagnostic-therapeutic management of hemorrhagic diathesis] Sulek K.
Wiad Lek 26:417-22, 1 Mar 73 (20 ref.) (Pol)

DRUG THERAPY

Problems of fulminant hepatic failure. Williams R.
Br Med Bull 28:114-9, May 72 (33 ref.)
[Schedule for diagnostic-therapeutic management of hemorrhagic diathesis] Sulek K.
Wiad Lek 26:417-22, 1 Mar 73 (20 ref.) (Pol)

ETIOLOGY

Hematologic complications of open heart surgery. Wisch N, et al. Am J Cardiol 31:282-5, Feb 73 (35 ref.)
The fibrin stabilizing factor, factor XIII. Duckert F.
Blut 26:177-9, Mar 73 (11 ref.)

THERAPY

[Schedule for diagnostic-therapeutic management of hemorrhagic diathesis] Sulek K.
Wiad Lek 26:417-22, 1 Mar 73 (20 ref.) (Pol)

HEMORRHAGIC DISEASE OF NEWBORN

PATHOLOGY

[Pathological anatomy of bleeding in the perinatal period] Güthert H, et al.
Zentralbl Allg Pathol 116:507-18, 1972 (56 ref.) (Ger)

HEMORRHAGIC THROMBOCYTHEMIA

ETIOLOGY

Platelet function tests in disease. Tschopp TB, et al.
Annu Rev Med 24:1-18, 1973 (214 ref.)
The spectrum of myeloproliferative disorders. Gilbert HS. Med Clin North Am 57:355-93, Mar 73 (129 ref.)

PHYSIOPATHOLOGY

The spectrum of myeloproliferative disorders. Gilbert HS. Med Clin North Am 57:355-93, Mar 73 (129 ref.)

THERAPY

Principles of hematologic supportive care. Graw RG Jr, et al. Med Clin North Am 57:441-61, Mar 73 (128 ref.)

HEMOSTASIS

The functional physiology of blood platelets. Born GV.
Adv Exp Med Biol 34:3-21, 1972 (64 ref.)
Metabolic disorders of platelets. Hellem AJ.
Adv Intern Med 17:171-87, 1971 (69 ref.)
Vascular hemostasis: a review. Stevens DJ.
Am J Med Technol 39:252-7, Jun 73 (50 ref.)
Protamine--antagonist to heparin. Jaques LB.
Can Med Assoc J 108:1291-7, 19 May 73 (30 ref.)
Streptokinase: a review of its clinical pharmacology, mechanism of action and therapeutic uses. Brogden RN, et al. Drugs 5:357-445, 1973 (260 ref.)
Trauma to the liver. Madding GF, et al.
Major Probl Clin Surg 3:1-181, 1971 (365 ref.)
Bleeding disorders due to abnormal platelet function. Weiss HJ.
Med Clin North Am 57:517-30, Mar 73 (58 ref.)
Thrombosthenin, the contractile protein of blood platelets. New facts and problems. Lüscher EF, et al.
Pathol Biol (Paris) Suppl:89-101, Dec 72 (85 ref.)
Hematologic effects of cardiac disease. Maurer HM.
Pediatr Clin North Am 19:1083-93, Nov 72 (50 ref.)
Hemostatic problems in liver surgery. Rö JS.
Scand J Gastroenterol [Suppl] 19:71-81, 1973 (67 ref.)
Haemostatic functions of platelets and their disorders. Hardisty RM. Sci Basis Med 222-37, 1972 (55 ref.)
Anatomical hepatic lobectomy in trauma to the liver. Donovan AJ, et al. Surgery 73:833-47, Jun 73 (45 ref.)
Clinical hypothermia: a lady with a past and some promise for the future. Swan H.
Surgery 73:736-58, May 73 (212 ref.)
[Evolution of etiopathogenetic knowledge of hemophilia syndromes] Morrone G.
Pediatria (Napoli) 80:170-85, 1972 (80 ref.) (Ita)
[Blood coagulation and fibrinolysis processes in menstrual blood] Zuch A, et al.
Acta Haematol Pol 2:359-65, Oct-Dec 71 (43 ref.) (Pol)
[The Ehlers-Danlos syndrome (Cutis hyperelastica)] Olszewska Z.
Przegl Dermatol 59:793-7, Nov-Dec 72 (40 ref.) (Pol)
[Usefulness of biochemical and gasometric studies in the management of cases of severe bodily injuries] Dąbrowski W, et al.
Wiad Lek 26:225-9, 1 Feb 73 (Eng. Abstr.) (Pol)
[Role of the heart and vessels in regulating blood coagulation and fibrinolysis] Kuznik BI, et al.
Kardiologiia 13:145-54, Apr 73 (112 ref.) (Rus)
[Evaluation of the basic methods of studying primary hemostasis and the dynamic function of blood platelets (review of the literature)] Shitikova AS.
Lab Delo 11:648-56, 1972 (100 ref.) (Rus)
[Dynamic function of the thrombocytes (a survey of the literature)] Odesskaia TA.
Probl Gematol Pereliv Krovi 17:47-53, Jul 72 (117 ref.) (Rus)
[Role of the vascular wall in the process of hemostasis] Kuznik BI.
Usp Sovrem Biol 75:61-85, Jan-Feb 73 (258 ref.) (Rus)

HEMOSTATICS

Polymers in surgical repair.
Food Cosmet Toxicol 11:314-8, Apr 73 (30 ref.)
Medical and surgical applications of collagen. Chvapil M, et al.
Int Rev Connect Tissue Res 6:1-61, 1973 (253 ref.)
Tissue adhesives in dentistry. A review. Bhaskar SN.
J Can Dent Assoc 38:337-43, Sep 72 (22 ref.)

THERAPEUTIC USE

[Theapy of panmyelopathy] Lutz H, et al.
Med Klin 68:761-4, 8 Jun 73 (19 ref.) (Ger)

HEPARIN

The structure of normal and pathologic erythrocytes. Bessis M, et al.
Adv Biol Med Phys 14:35-91, 1973 (102 ref.)

Polysaccharides in cancer. Nigam VN, et al. **Adv Cancer Res** 16:1-96, 1972 (461 ref.)
On the distribution and release of gastrin. McGuigan JE. **Gastroenterology** 64:497-501, Mar 73 (22 ref.)
Chemistry and pharmacology of heparin. Ehrlich J, et al. **J Pharm Sci** 62:517-44, Apr 73 (626 ref.)
[Membrane oxygenators in prolonged assisted extracorporeal circulation] Schulte HD. **Dtsch Med Wochenschr** 98:508-13, 9 Mar 73 (54 ref.) (Ger)
[The relationship between staphylococcus and blood coagulation. Biological bases and practical applications] Fumarola D, et al. **G Batteriol Virol Immunol** 65:144-51, May-Aug 72 (Eng. Abstr.) (Ita)
[Role of the vascular wall in the process of hemostasis] Kuznik BI. **Usp Sovrem Biol** 75:61-85, Jan-Feb 73 (258 ref.) (Rus)
[Immunologic aspects of atherosclerosis (review of the literature)] Zubzhitskiĭ IuN, et al. **Vestn Akad Med Nauk SSSR** 27:88-94, 1972 (130 ref.) (Rus)

ADMINISTRATION & DOSAGE

Clinical considerations for the anesthesiologist whose patient is on anticoagulant therapy. Ellison N, et al. **Anesthesiology** 39:328-36, Sep 73 (57 ref.)
Theory and practice of minidose heparin in surgical patients. A status report. Wessler S, et al. **Circulation** 47:671-6, Apr 73 (30 ref.)
Heparin in migraine headache. Thonnard-Neumann E. **Headache** 13:49-64, Jul 73 (97 ref.)
The mechanisms of venous thrombosis. Anticoagulants, aspirin, and heparin. O'Brien JR. **Mod Concepts Cardiovasc Dis** 42:11-5, Mar 73 (14 ref.)
Recent advances in venous thrombo-embolism. A review article. Sobel JD. **S Afr Med J** 47:1197-202, 14 Jul 73 (53 ref.)
[Disseminated intravascular coagulation] Wang FY, et al. **Chin Med J** 5:309-15, 1973 (13 ref.) (Chi)
[Principles of thrombolytic treatment] Judkiewicz L, et al. **Pol Tyg Lek** 27:1011-3, 26 Jun 72 (27 ref.) (Pol)

ADVERSE EFFECTS

Protamine--antagonist to heparin. Jaques LB. **Can Med Assoc J** 108:1291-7, 19 May 73 (30 ref.)

ANALYSIS

Chemistry and pharmacology of heparin. Ehrlich J, et al. **J Pharm Sci** 62:517-44, Apr 73 (626 ref.)

BLOOD

Protamine--antagonist to heparin. Jaques LB. **Can Med Assoc J** 108:1291-7, 19 May 73 (30 ref.)
Theory and practice of minidose heparin in surgical patients. A status report. Wessler S, et al. **Circulation** 47:671-6, Apr 73 (30 ref.)
Chemistry and pharmacology of heparin. Ehrlich J, et al. **J Pharm Sci** 62:517-44, Apr 73 (626 ref.)
Developments in transient hemorrhagic disorders. Rowe AJ, et al. **Tex Med** 69:72-8, Feb 73 (78 ref.)
[Clinical forms of mastocytosis] Chwalińska-Sadowska H, et al. **Reumatologia** 11:91-5, Jan 73 (35 ref.) (Pol)
[Role of biologically active substances in the pathogenesis of experimental allergy and bronchial asthma (literature review)] Chistiakov GM. **Vopr Okhr Materin Det** 17:34-7, Feb 72 (52 ref.) (Rus)

DIAGNOSTIC USE

[Keypoints in clinical tests for hemorrhagic and thrombotic tendencies] Yasunaga K. **Jap J Clin Med** 31:783-97, Apr 73 (20 ref.) (Jap)

ISOLATION & PURIFICATION

Chemistry and pharmacology of heparin. Ehrlich J, et al. **J Pharm Sci** 62:517-44, Apr 73 (626 ref.)

METABOLISM

Chemistry and pharmacology of heparin. Ehrlich J, et al. **J Pharm Sci** 62:517-44, Apr 73 (626 ref.)
[Hereditary mucopolysaccharidoses (literature survey)] Pashin IuV. **Vopr Okhr Materin Det** 17:49-52, Jun 72 (15 ref.) (Rus)

PHARMACODYNAMICS

Protamine--antagonist to heparin. Jaques LB. **Can Med Assoc J** 108:1291-7, 19 May 73 (30 ref.)
Radioimmunoassay. Practices and pitfalls. Yalow RS. **Circ Res** 32:Suppl 1:116-28, 5 May 73 (46 ref.)
Thrombin inhibiting action of heparin. Abildgaard U. **Folia Haematol (Leipz)** 98:408-16, 1972 (31 ref.)
Liver preservation without perfusion. Schalm SW. **Folia Med Neerl** 15:198-206, 1972 (47 ref.)
Chemistry and pharmacology of heparin. Ehrlich J, et al. **J Pharm Sci** 62:517-44, Apr 73 (626 ref.)
Animal models useful in the study of thrombosis and antithrombotic agents. Didisheim P. **Prog Hemostasis Thromb** 1:165-97, 1972 (235 ref.)
The interaction of blood hemostitic elements with aritificial surfaces. Mason RG. **Prog Hemostasis Thromb** 1:141-64, 1972 (166 ref.)
[Thromboembolism in surgical practice. Current aspects of its control and prophylactic treatment. 2] Toulemonde F. **Phlebologie** 25:433-62, Oct-Dec 72 (202 ref.) (Eng. Abstr.) (Fre)
[Physiological inhibitors of thrombin and thrombin synthesis] Schröer H. **Folia Haematol (Leipz)** 99:212-22, 1973 (34 ref.) (Eng. Abstr.) (Ger)
[Differential diagnostic significance of thyroid hormone and TSH determination] Reinwein D. **Med Klin** 67:1577-83, 1 Dec 72 (49 ref.) (Ger)

RADIATION EFFECTS

Chemistry and pharmacology of heparin. Ehrlich J, et al. **J Pharm Sci** 62:517-44, Apr 73 (626 ref.)

THERAPEUTIC USE

Pulmonary thromboembolism: current concepts. McIntyre KM, et al. **Adv Intern Med** 18:199-218, 1972 (84 ref.)
Heparin, platelets, and venous thrombosis. O'Brien JR. **Am Heart J** 85:435-8, Apr 73 (16 ref.)
Clinical considerations for the anesthesiologist whose patient is on anticoagulant therapy. Ellison N, et al. **Anesthesiology** 39:328-36, Sep 73 (57 ref.)
Immune complex disease. Carter PM. **Ann Rheum Dis** 32:265-71, May 73 (27 ref.)
Clinical pharmacology of drug interactions. Raisfeld IH. **Annu Rev Med** 24:385-418, 1973 (179 ref.)
Deep venous thrombosis. II. Management. Edwards IR, et al. **Br J Dermatol** 88:207-11, Feb 73 (35 ref.)
Microangiopathic haemolytic anaemia (MHA). Brain MC. **Br J Haematol** 23:Suppl:45-52, Sep 72 (70 ref.)
Problems of fulminant hepatic failure. Williams R. **Br Med Bull** 28:114-9, May 72 (33 ref.)
Current status of prolonged extracorporeal membrane oxygenation for acute respiratory failure. Lefrak EA, et al. **Chest** 63:773-82, May 73 (92 ref.)
Theory and practice of minidose heparin in surgical patients. A status report. Wessler S, et al. **Circulation** 47:671-6, Apr 73 (30 ref.)
Heparin in migraine headache. Thonnard-Neumann E. **Headache** 13:49-64, Jul 73 (97 ref.)
Chemistry and pharmacology of heparin. Ehrlich J, et al. **J Pharm Sci** 62:517-44, Apr 73 (626 ref.)
Coagulation and renal disease. Kincaid-Smith P. **Kidney Int** 2:183-90, Oct 72 (99 ref.)
The mechanisms of venous thrombosis. Anticoagulants, aspirin, and heparin. O'Brien JR. **Mod Concepts Cardiovasc Dis** 42:11-5, Mar 73 (14 ref.)
Prevention and management of venous thrombosis and pulmonary embolism. Mandel SR, et al. **NC Med J** 34:114-9, Feb 73 (43 ref.)
Symposium on current surgical nursing: the fat embolism syndrome. Law J. **Nurs Clin North Am** 8:191-8, Mar 73 (27 ref.)
Advances in medicine. McNicol GP, et al. **Practitioner** 209:411-23, Oct 72 (52 ref.)
Intravascular coagulation--acute and chronic--disseminated and local. McKay DG. **Proc Inst Med Chic** 29:159-71, Sep 72 (29 ref.)
The effect of drugs on immunological renal disease. Clarkson AR, et al. **Prog Biochem Pharmacol** 7:427-51, 1972 (104 ref.)
Recent advances in venous thrombo-embolism. A review article. Sobel JD. **S Afr Med J** 47:1197-202, 14 Jul 73 (53 ref.)
[Disseminated intravascular coagulation] Wang FY, et al. **Chin Med J** 5:309-15, 1973 (13 ref.) (Chi)

[Hemolytic-uremic syndrome] Wijffels JC.
Ned Tijdschr Geneeskd 116:1735-42, 23 Sep 72 (51 ref.) (Dut)

[Thromboembolic complications in pregnancy and during delivery] Ludwig H.
Z Geburtshilfe Perinatol 176:169-82, Jun 72 (47 ref.) (Eng. Abstr.) (Ger)

[Urgency and technic of thromboembolism prevention in surgery] Neef H, et al.
Zentralbl Chir 98:81-9, 19 Jan 73 (17 ref.) (Ger)

[Disseminated intravascular coagulation] Amir J.
Harefuah 83:29-32, 2 Jul 72 (20 ref.) (Heb)

[Disseminated intravascular blood clotting in blood diseases] Uszyński L.
Acta Haematol Pol 2:253-7, Jul-Sep 71 (44 ref.) (Pol)

[Clinical aspects of disseminated intravascular coagulation in children] Myśliwiec B.
Pol Tyg Lek 28:67-70, 8 Jan 73 (23 ref.) (Pol)

[Schedule for diagnostic-therapeutic management of hemorrhagic diathesis] Sulek K.
Wiad Lek 26:417-22, 1 Mar 73 (20 ref.) (Pol)

[Types of hyperlipoproteinemia, their relationship to atherosclerosis and treatment] Klimov AN, et al.
Kardiologiia 12:133-49, Jun 72 (118 ref.) (Rus)

URINE

[Clinical forms of mastocytosis] Chwalińska-Sadowska H, et al. Reumatologia 11:91-5, Jan 73 (35 ref.) (Pol)

HEPARIN ANTAGONISTS

Platelet function tests and thrombosis. O'Brien JR.
Adv Exp Med Biol 34:43-54, 1972 (10 ref.)

DIAGNOSTIC USE

Protamine--antagonist to heparin. Jaques LB.
Can Med Assoc J 108:1291-7, 19 May 73 (30 ref.)

PHARMACODYNAMICS

Chemistry and pharmacology of heparin. Ehrlich J, et al. J Pharm Sci 62:517-44, Apr 73 (626 ref.)

THERAPEUTIC USE

Clinical considerations for the anesthesiologist whose patient is on anticoagulant therapy. Ellison N, et al.
Anesthesiology 39:328-36, Sep 73 (57 ref.)

HEPARIN CO-FACTOR

Theory and practice of minidose heparin in surgical patients. A status report. Wessler S, et al.
Circulation 47:671-6, Apr 73 (30 ref.)

METABOLISM

[Physiological inhibitors of thrombin and thrombin synthesis] Schröer H.
Folia Haematol (Leipz) 99:212-22, 1973 (34 ref.) (Eng. Abstr.) (Ger)

HEPARINOID

PHARMACODYNAMICS

Chemistry and pharmacology of heparin. Ehrlich J, et al. J Pharm Sci 62:517-44, Apr 73 (626 ref.)

HYPOPROCONVERTINEMIA

The molecular basis of hereditary clotting disorders. Ratnoff OD.
Prog Hemostasis Thromb 1:39-74, 1972 (184 ref.)

BLOOD

[Molecular-biology findings on various blood clotting factors] Fiedler H.
Folia Haematol (Leipz) 98:121-39, 1972 (121 ref.) (Eng. Abstr.) (Ger)

[Some recent advances in blood coagulation research] Sakuragawa N.
Jap J Clin Hematol 13:923-33, Dec 72 (48 ref.) (Jap)

[On the coagulation factors from V through XIII] Yoshida K, et al.
Jap J Clin Med 31:755-64, Apr 73 (66 ref.) (Jap)

HYPOPROTHROMBINEMIAS

BLOOD

[Molecular-biology findings on various blood clotting factors] Fiedler H.
Folia Haematol (Leipz) 98:121-39, 1972 (121 ref.) (Eng. Abstr.) (Ger)

[On the coagulation factors from V through XIII] Yoshida K, et al.
Jap J Clin Med 31:755-64, Apr 73 (66 ref.) (Jap)

[Clinical aspects of disseminated intravascular coagulation in children] Myśliwiec B.
Pol Tyg Lek 28:67-70, 8 Jan 73 (23 ref.) (Pol)

FAMILIAL & GENETIC

[Molecular-biology findings on various blood clotting factors] Fiedler H.
Folia Haematol (Leipz) 98:121-39, 1972 (121 ref.) (Eng. Abstr.) (Ger)

METABOLISM

Vitamin K and prothrombin synthesis. Suttie JW.
Nutr Rev 31:105-9, Apr 73 (18 ref.)

KALLIKREIN-TRYPSIN INACTIVATOR

Problems in evaluating the components of the kinin system. Hamberg U.
Ann Chir Gynaecol Fenn 61:238-50, 1972 (46 ref.)

THERAPEUTIC USE

[Schedule for diagnostic-therapeutic management of hemorrhagic diathesis] Sulek K.
Wiad Lek 26:417-22, 1 Mar 73 (20 ref.) (Pol)

[The kinin system in acute pancreatitis] Ognev IuV, et al. Vestn Khir 108:132-5, Sep 72 (22 ref.) (Rus)

LIPOPROTEIN LIPASE

Metabolism of the plasma lipoproteins. Lewis B.
Sci Basis Med 118-44, 1972 (129 ref.)

BLOOD

Heparin, platelets, and venous thrombosis. O'Brien JR.
Am Heart J 85:435-8, Apr 73 (16 ref.)

Advances in lipoprotein research. Biochemical and clinical aspects. Seidel D. Nutr Metab 15:9-16, 1973

[Vitamin B6 and lipid metabolism (review of the literature)] Frolova IA.
Vopr Med Khim 18:339-46, Jul-Aug 72 (89 ref.) (Rus)

METABOLISM

Disturbances in the regulation of food intake. Obesity: anatomic and physiologic-biochemical observations. Björntorp P.
Adv Psychosom Med 7:116-27, 1972 (123 ref.)

Disturbances in the regulation of food intake. Obesity: anatomic and physioligic-biochemical observations. Björntorp P.
Adv Psychosom Med 7:116-27, 1972 (123 ref.)

Primary hyperlipoproteinemia in infants. Fredrickson DS, et al. Annu Rev Med 24:315-24, 1973 (87 ref.)

Effects of dietary carbohydrate on lipid metabolism in primates. Macdonald I.
Proc Nutr Soc 30:277-82, Dec 71 (34 ref.)

PEPTIDE HYDROLASES

On the ultrastructure of Trypanosoma (Trypanozoon) brucei in the course of its life cycle and some related aspects. Steiger RF.
Acta Trop (Basel) 30:64-168, 1973 (328 ref.)

Leukocyte kininogenases and leukokinins from normal and malignant cells. Greenbaum LM.
Am J Pathol 68:613-24, Sep 72 (27 ref.)

Neutrophil proteases in inflammation. Janoff A.
Annu Rev Med 23:177-90, 1972 (78 ref.)

Spectro-chemical probes for protein conformation and function. Vallee BL, et al.
Cold Spring Harbor Symp Quant Biol 36:517-31, 1971 (52 ref.)

Diphtheria toxin, protein synthesis, and the cell. Gill DM, et al. **Fed Proc 32:1508-15, Apr 73 (28 ref.)**
The tissue factor pathway of blood coagulation. Nemerson Y, et al.
Prog Hemostasis Thromb 1:1-37, 1972 (171 ref.)
Effects of deep-sea pressures on microbial enzyme systems. Zobell CE, et al.
Symp Soc Exp Biol 26:125-46, 1972 (98 ref.)
[Fibrinogen. Hereditary hypo--and dysfibrinogenemia] Gajdos A.
Nouv Presse Med 2:1067-71, Apr 73 (30 ref.) (Fre)
[Biochemical studies on acid carboxypeptidase and acid proteinase] Ichishima E.
J Jap Biochem Soc 45:267-88, Jun 73 (87 ref.) (Jap)
[Role of carboxylic groups in the structure and function of proteins] Stepanov VM, et al.
Usp Sovrem Biol 75:163-82, Mar-Apr 73 (Rus)
[IgG: an important structural subclass of human G immunoglobulin] Virella G.
Sangre (Barc) 17:283-92, 1972 (55 ref.) (Eng. Abstr.) (Spa)

ADMINISTRATION & DOSAGE

[Principles of thrombolytic treatment] Judkiewicz L, et al. **Pol Tyg Lek 27:1011-3, 26 Jun 72 (27 ref.) (Pol)**

ADVERSE EFFECTS

[Enzyme-containing detergents] Ebner H.
Wien Med Wochenschr 122:619-21, 21 Nov 72 (25 ref.) (Ger)
[Allergic respiratory diseases due to enzymatic laundry detergents (comprehensive review)] Atanacković D.
Plucne Bolesti Tuberk 24:240-3, Jul-Sep 72 (7 ref.) (Cro)

ANALYSIS

A compilation of amino acid analyses of proteins. II. Kirschenbaum DM.
Anal Biochem 49:248-66, Sep 72 (97 ref.)

ANTAGONISTS & INHIBITORS

The role of pancreatic enzymes in digestion. Beck IT.
Am J Clin Nutr 26:311-25, Mar 73 (122 ref.)
Neutrophil proteases in inflammation. Janoff A.
Annu Rev Med 23:177-90, 1972 (78 ref.)
Alpha-1-antitrypsin deficiency and pulmonary emphysema: the role of proteolytic enzymes and their inhibitors. Hutchison DC.
Br J Dis Chest 67:171-96, Jul 73 (103 ref.)
Osteoarthritis: a new look at an old disease. Moskowitz RW. **Geriatrics 28:121-8, Jun 73 (39 ref.)**
The effects of immune complexes on blood platelets and their relationship to complement activation. Pfueller SL, et al.
Immunochemistry 9:1151-65, Nov 72 (152 ref.)
Molar absorptivity and A-1 per cent-1cm values for proteins at selected wavelengths of the ultraviolet and visible region. VI. Kirschenbaum DM.
Int J Protein Res 4:125-40, 1972 (145 ref.)
[Proteolytic enzymes and their inhibitors in chronic non-tuberculous diseases of the respiratory system] Chyrek-Borowska S, et al.
Pol Tyg Lek 28:915-8, 1973 (34 ref.) (Pol)
[Alpha-1-antitrypsin of blood serum: its biochemical properties, inborn deficiencies and biological functions] Koj A.
Przegl Lek 29:699-705, 1972 (76 ref.) (Pol)
[Genetically determined pulmonary emphysema] Pawlikowski T.
Wiad Lek 26:1223-6, 1 Jul 73 (29 ref.) (Eng. Abstr.) (Pol)

BLOOD

The enzymes of the granules of polymorphonuclear leukocytes and their functions. Baggiolini M.
Enzyme 13:132-60, 1972 (150 ref.)
Genetic factors in fat mobilization.
Nutr Rev 31:157-8, May 73 (3 ref.)
[Hageman enzyme as a trigger of blood kininogenesis systems] Buluk K, et al.
Pol Arch Med Wewn 50:475-80, May 73 (44 ref.) (Pol)

ISOLATION & PURIFICATION

[Biochemical studies on acid carboxypeptidase and acid proteinase] Ichishima E.
J Jap Biochem Soc 45:267-88, Jun 73 (87 ref.) (Jap)

METABOLISM

Biochemistry of the hydroxyprolines. Kuttan R, et al.
Adv Enzymol 37:273-347, 1973 (496 ref.)
The role of pancreatic enzymes in digestion. Beck IT.
Am J Clin Nutr 26:311-25, Mar 73 (122 ref.)
Turnover of intracellular proteins. Pine MJ.
Annu Rev Microbiol 26:103-26, 1972 (201 ref.)
Properties of proinsulin and related polypeptides. Kitabchi AE, et al.
CRC Crit Rev Biochem 1:59-94, Feb 72 (154 ref.)
Mechanisms of cell and tissue injury induced by group A streptococci: relation to poststreptococcal sequelae. Ginsburg I.
J Infect Dis 126:294-340, Sep 72 (368 ref.)
The turnover of proteins and the usage of information. Siekevitz P. **J Theor Biol 37:321-34, Nov 72 (91 ref.)**
Neurochemical and morphological studies on demyelination in multiple sclerosis with special reference to etiological aspects. Riekkinen PJ, et al.
Z Neurol 203:91-104, 1972 (23 ref.)
[Data on the alimentation of Salmonidae] Luquet P.
Aliment Vie 60:338-62, 1972 (145 ref.) (Fre)
[Review of recent contributions on the physiopathology of articular cartilage. II. Metabolism; mechanical properties; antigenicity] Peyron JG.
Rev Rhum Mal Osteoartic 39:157-65, Feb 72 (Eng. Abstr.) (Fre)
[Role of enzymes in inflammation] Fujii S, et al.
Jap J Clin Pathol 21:1-10, Jan 73 (73 ref.) (Jap)
[Proteolytic enzymes and their inhibitors in chronic non-tuberculous diseases of the respiratory system] Chyrek-Borowska S, et al.
Pol Tyg Lek 28:915-8, 1973 (34 ref.) (Pol)
[Pathogenesis and clinical manifestations of intestinal amebiasis] Dziubiński K.
Wiad Lek 26:31-7, 1 Jan 73 (16 ref.) (Eng. Abstr.) (Pol)
[General biological aspects of tumor formation. I. Role of indole compounds] Artamonov VI.
Usp Sovrem Biol 75:441-51, May-Jun 73 (82 ref.) (Rus)
[Existence of paralytic secretion (effect of denervation on glandular tissue)] Gutkin VI.
Usp Sovrem Biol 74:121-41, Jul-Aug 72 (159 ref.) (Rus)

PHARMACODYNAMICS

Pathophysiology of pruritus associated with elevated bile acid levels in serum. Herndon JH Jr.
Arch Intern Med 130:632-7, Oct 72 (48 ref.)
Surface changes in transformed cells detected by lectins. Burger MM.
Fed Proc 32:91-101, Jan 73 (69 ref.)
Application of new staining techniques to the study of human chromosomes. Miller OJ, et al.
Prog Med Genet 9:1-47, 1973 (130 ref.)

PHYSIOLOGY

Alpha-1-antitrypsin deficiency and pulmonary emphysema: the role of proteolytic enzymes and their inhibitors. Hutchison DC.
Br J Dis Chest 67:171-96, Jul 73 (103 ref.)
[Genetically determined pulmonary emphysema] Pawlikowski T.
Wiad Lek 26:1223-6, 1 Jul 73 (29 ref.) (Eng. Abstr.) (Pol)

SECRETION

[The exocrine pancreas. I. Structure and functions] Ribet A, et al.
Nouv Presse Med 1:2633-40, 4 Nov 72 (44 ref.) (Fre)

PEPTIDE PEPTIDOHYDROLASES

Role of the lung in angiotensin metabolism. Lubran MM. **Ann Clin Lab Sci 3:235-41, Jul-Aug 73 (63 ref.)**
Catalytic configurations. Henderson R, et al.
Annu Rev Biophys Bioeng 1:1-26, 1972 (117 ref.)
Malabsorption syndromes in infancy and childhood. I. Ament ME. **J Pediatr 81:685-97, Oct 72**
A specific protease for pyridoxal enzymes.
Nutr Rev 31:98-9, Mar 73 (6 ref.)
Antibody-induced conformational changes in proteins. Celada F, et al. **Q Rev Biophys 5:395-425, Aug 72**
Zymogens of proteolytic enzymes. Kassell B, et al.
Science 180:1022-7, 8 Jun 73 (43 ref.)

[Malabsorption syndromes in childhood] Harms K. Med Klin 68:163-9, 9 Feb 73 (33 ref.) (Ger)
[Experimental pulmonary emphysema] Teculescu D. Stud Cercet Med Interna 13:425-35, 1972 (75 ref.) (Eng. Abstr.) (Rum)

ADVERSE EFFECTS

[Allergic respiratory diseases due to enzymatic laundry detergents (comprehensive review)] Atanackovic D. Plucne Bolesti Tuberk 24:240-3, Jul-Sep 72 (7 ref.) (Cro)

ANALYSIS

Enzymes in bovine milk: a review. Shahani KM, et al. J Dairy Sci 56:531-43, May 73 (110 ref.)

ISOLATION & PURIFICATION

A specific protease for pyridoxal enzymes. Nutr Rev 31:98-9, Mar 73 (6 ref.)

METABOLISM

Problems in evaluating the components of the kinin system. Hamberg U.
Ann Chir Gynaecol Fenn 61:238-50, 1972 (46 ref.)
On the biosynthesis, intracellular transport and mechanism of conversion of proinsulin to insulin and C-peptide. Kemmler W, et al.
Diabetes 21:Suppl 2:572-81, 1972 (41 ref.)
Proinsulin. Steiner DF. Triangle 11:51-60, 1972 (73 ref.)
[Significance of enzymatic disorders in the etiopathogenesis of pancreatitis] Skibiński A, et al. Pol Tyg Lek 28:223-6, 5 Feb 73 (20 ref.) (Pol)
[Role of the liver in hormonal metabolism] Malolepszy E, et al. Wiad Lek 25:1679-84, 15 Sep 72 (Pol)

SECRETION

[The exocrine pancreas. I. Structure and functions] Ribet A, et al.
Nouv Presse Med 1:2633-40, 4 Nov 72 (44 ref.) (Fre)

PLASMINOGEN

Clinical physiology of the fibrinolytic enzyme system. Douglas AS, et al. J Clin Pathol 25:615-8, Jul 72
New aspects of the pathogenesis of thrombo-embolism. Nilsson IM, et al. Prog Surg 11:46-68, 1973 (89 ref.)
[Role of the vascular wall in the process of hemostasis] Kuznik BI.
Usp Sovrem Biol 75:61-85, Jan-Feb 73 (258 ref.) (Rus)

ANTAGONISTS & INHIBITORS

Clinical physiology of the fibrinolytic enzyme system. Douglas AS, et al. J Clin Pathol 25:615-8, Jul 72

METABOLISM

Streptokinase: a review of its clinical pharmacology, mechanism of action and therapeutic uses. Brogden RN, et al. Drugs 5:357-445, 1973 (260 ref.)
Some recent advances in coagulation--1972. King JB. S Afr Med J 46:2085-9, 30 Dec 72 (42 ref.)
[Disseminated intravascular coagulation] Maekawa T. Jap J Clin Pathol 21:24-30, Jan 73 (7 ref.) (Jap)
[Blood coagulation and fibrinolysis processes in menstrual blood] Zuch A, et al.
Acta Haematol Pol 2:359-65, Oct-Dec 71 (43 ref.) (Pol)

PHYSIOLOGY

[Disseminated intravascular coagulation] Amir J. Harefuah 83:29-32, 2 Jul 72 (20 ref.) (Heb)

THERAPEUTIC USE

[Principles of thrombolytic treatment] Judkiewicz L, et al. Pol Tyg Lek 27:1011-3, 26 Jun 72 (27 ref.) (Pol)

PROTAMINES

[Detection of fibrinogen and fibrin degradation products (FDP) and its clinical significance] Fujimaki M, et al.
Jap J Clin Med 31:798-804, Apr 73 (45 ref.) (Jap)
[Fibrinogen and fibrin degradation products] Fujimaki M, et al. Jap J Clin Pathol 21:31-6, Jan 73 (42 ref.) (Jap)
[Phage RNA replicase] Ito Y, et al.
Protein Nucleic Acid Enzyme (Tokyo) Suppl:159-64, Oct 72 (35 ref.) (Jap)
[Improved method of E. coli RNA polymerase purification] Iwakura Y, et al.
Protein Nucleic Acid Enzyme (Tokyo) Suppl:133-9, Oct 72 (11 ref.) (Jap)

ADMINISTRATION & DOSAGE

Protamine--antagonist to heparin. Jaques LB.
Can Med Assoc J 108:1291-7, 19 May 73 (30 ref.)

ADVERSE EFFECTS

Protamine--antagonist to heparin. Jaques LB.
Can Med Assoc J 108:1291-7, 19 May 73 (30 ref.)

DIAGNOSTIC USE

Protamine--antagonist to heparin. Jaques LB.
Can Med Assoc J 108:1291-7, 19 May 73 (30 ref.)

PHARMACODYNAMICS

Thrombin inhibiting action of heparin. Abildgaard U.
Folia Haematol (Leipz) 98:408-16, 1972 (31 ref.)

THERAPEUTIC USE

Clinical considerations for the anesthesiologist whose patient is on anticoagulant therapy. Ellison N, et al.
Anesthesiology 39:328-36, Sep 73 (57 ref.)

PROTHROMBIN

Coagulation factor variants. Bloom AL.
Br J Haematol 23:643-7, Dec 72 (34 ref.)
Hemostatic problems in liver surgery. Rö JS.
Scand J Gastroenterol [Suppl] 19:71-81, 1973 (67 ref.)
[Influence of gestation on the blood coagulation system and diagnosis of possible disorders] Günter M, et al.
Z Aerztl Fortbild (Jena) 67:209-15, 1 Mar 73 (37 ref.) (Ger)
[Some recent advances in blood coagulation research] Sakuragawa N.
Jap J Clin Hematol 13:923-33, Dec 72 (48 ref.) (Jap)

BIOSYNTHESIS

Vitamin K and prothrombin synthesis. Suttie JW.
Nutr Rev 31:105-9, Apr 73 (18 ref.)

METABOLISM

Theories of blood coagulation. Properties and interactions of blood clotting factors. Kazal LA.
Ann Clin Lab Sci 1:139-54, Sep-Oct 71 (46 ref.)
Diagnosis of hemorrhagic disorders. Nemerson Y.
Med Clin North Am 57:531-41, Mar 73 (30 ref.)
A plasma protein which increases with vitamin K deficiency. Nutr Rev 30:211-3, Sep 72 (8 ref.)
Acquired inhibitors of blood coagulation. Feinstein DI, et al. Prog Hemostasis Thromb 1:75-95, 1972 (95 ref.)
[Physiological inhibitors of thrombin and thrombin synthesis] Schröer H.
Folia Haematol (Leipz) 99:212-22, 1973 (34 ref.) (Eng. Abstr.) (Ger)

PHYSIOLOGY

The tissue factor pathway of blood coagulation. Nemerson Y, et al.
Prog Hemostasis Thromb 1:1-37, 1972 (171 ref.)
[Disseminated intravascular coagulation] Amir J. Harefuah 83:29-32, 2 Jul 72 (20 ref.) (Heb)

PROTHROMBIN TIME

The liver in congestive heart failure: a review. Dunn GD, et al. Am J Med Sci 265:174-89, Mar 73 (89 ref.)
Clinical considerations for the anesthesiologist whose patient is on anticoagulant therapy. Ellison N, et al. Anesthesiology 39:328-36, Sep 73 (57 ref.)
Diagnosis of hemorrhagic disorders. Nemerson Y. Med Clin North Am 57:531-41, Mar 73 (30 ref.)
Hemophilia. Schick PK.
Med Clin North Am 57:1095-106, Jul 73 (52 ref.)

Diagnosis and treatment of inherited bleeding disorders. Strauss HS.
Pediatr Clin North Am 19:1009-28, Nov 72 (79 ref.)
Some recent advances in coagulation--1972. King JB.
S Afr Med J 46:2085-9, 30 Dec 72 (42 ref.)
Chronic hepatitis--clinicopathological differentiation between active chronic hepatitis and recurrent or persistent (viral) hepatitis. Fung WP, et al.
Singapore Med J 13:216-23, Oct 72 (26 ref.)
[Keypoints in clinical tests for hemorrhagic and thrombotic tendencies] Yasunaga K.
Jap J Clin Med 31:783-97, Apr 73 (20 ref.) **(Jap)**
[Hemostasis disorders in liver cirrhosis] Judkiewicz L, et al. **Pol Tyg Lek** 28:708-11, 1 May 73 (34 ref.) **(Pol)**

STANDARDS

The critical evaluation of thromboplastin. Ziegler FD, et al. **Ann Clin Lab Sci** 2:16-25, Jan-Feb 72 (69 ref.)

PURPURA, THROMBOPENIC

[Disseminated intravascular blood clotting in blood diseases] Uszyński L.
Acta Haematol Pol 2:253-7, Jul-Sep 71 (44 ref.) **(Pol)**

BLOOD

Vascular hemostasis: a review. Stevens DJ.
Am J Med Technol 39:252-7, Jun 73 (50 ref.)

CHEMICALLY INDUCED

Toxicity of ethacrynic acid and furosemide. Cooperman LB, et al. **Am Heart J** 85:831-4, Jun 73 (9 ref.)

COMPLICATIONS

[Syndromes of disseminated intravascular coagulation-from the standpoint of internal medicine] Matsuoka M, et al.
Jap J Clin Med 31:810-21, Apr 73 (59 ref.) **(Jap)**
[Subarachnoid hemorrhage in childhood] Luis-Porras C, et al.
Rev Clin Esp 129:111-8, 30 Apr 73 (39 ref.) **(Spa)**

DRUG THERAPY

[Immunosuppressive therapy] Purice S.
Stud Cercet Med Interna 14:209-16, 1973 (48 ref.) **(Rum)**

ETIOLOGY

The role of the lymphocyte in producing the clinical manifestations of chronic lymphocytic leukemia. Rubin AD, et al.
Med Clin North Am 57:463-78, Mar 73 (55 ref.)
[Post-transfusion autoimmune thrombocytopenia purpura syndrome] Walewska I.
Acta Haematol Pol 2:259-64, Jul-Sep 71 (34 ref.) (Eng. Abstr.) **(Pol)**

FAMILIAL & GENETIC

Metabolic disorders of platelets. Hellem AJ.
Adv Intern Med 17:171-87, 1971 (89 ref.)
The clinical relevance of platelet function tests. McBride JA, et al.
Br J Haematol 23:Suppl:201-8, Sep 72 (36 ref.)
[Blood platelet diseases] Winckelmann G.
Med Klin 68:31-6, 12 Jan 73 (56 ref.) **(Ger)**
[Congenital thrombopathies] Outeiriño Hernanz J, et al. **Rev Clin Esp** 128:93-100, 31 Jan 73 (35 ref.) **(Spa)**

IMMUNOLOGY

[Immunofluorescence in internal medicine] Storch W.
Z Gesamte Inn Med 27:1061-7, 15 Dec 72 (200 ref.) (Eng. Abstr.) **(Ger)**
[Thrombocytopenia caused by drugs or just following drugs] Ballerini G.
Haematologica (Pavia) 57:307-38, 1972 (89 ref.) (Eng. Abstr.) **(Ita)**
[Post-transfusion autoimmune thrombocytopenia purpura syndrome] Walewska I.
Acta Haematol Pol 2:259-64, Jul-Sep 71 (34 ref.) (Eng. Abstr.) **(Pol)**

THERAPY

Advances in the treatment of blood disorders. Jacobs A, et al. **Practitioner** 209:496-503, Oct 72 (18 ref.)

PURPURA, THROMBOTIC THROMBOPENIC

BLOOD

Microangiopathic haemolytic anaemia (MHA). Brain MC. **Br J Haematol** 23:Suppl:45-52, Sep 72 (70 ref.)

COMPLICATIONS

Intravascular coagulation--acute and chronic--disseminated and local. McKay DG.
Proc Inst Med Chic 29:159-71, Sep 72 (29 ref.)
[Syndromes of disseminated intravascular coagulation-from the standpoint of internal medicine] Matsuoka M, et al.
Jap J Clin Med 31:810-21, Apr 73 (59 ref.) **(Jap)**

DIAGNOSIS

The differential diagnosis of hemolytic anemias. Costea N. **Med Clin North Am** 57:289-302, Mar 73 (65 ref.)

SHWARTZMAN PHENOMENON

Primary sclerosing cholangitis: case report and review of the literature. Brantigan CO, et al.
Am Surg 39:191-8, Apr 73 (53 ref.)
Evidence for participation of granulocytes in the pathogenesis of the generalized Shwartzman reaction: a review. Horn RG.
J Infect Dis 128:Suppl:134-43, Jul 73 (49 ref.)
[Disseminated intravascular blood clotting in blood diseases] Uszyński L.
Acta Haematol Pol 2:253-7, Jul-Sep 71 (44 ref.) **(Pol)**

IMMUNOLOGY

The effects of immune complexes on blood platelets and their relationship to complement activation. Pfueller SL, et al.
Immunochemistry 9:1151-65, Nov 72 (152 ref.)

PHYSIOPATHOLOGY

[Pathogenesis of the septic-toxic shock] Bartel J.
Z Aerztl Fortbild (Jena) 66:753-8, 1 Aug 72 (49 ref.) **(Ger)**

STREPTOKINASE

Tissue transamidases, fibrin stabilization and clot lysis. Tyler HM.
Ann NY Acad Sci 202:273-85, 8 Dec 72 (39 ref.)
Streptokinase: a review of its clinical pharmacology, mechanism of action and therapeutic uses. Brogden RN, et al. **Drugs** 5:357-445, 1973 (260 ref.)
[Value and limitations of present methods of medicolegal identification of blood stains] Mullier PH, et al.
Med Leg Domm Corpor (Paris) 5:3-35, Jan-Mar 72 (268 ref.) **(Fre)**

ADMINISTRATION & DOSAGE

Streptokinase: a review of its clinical pharmacology, mechanism of action and therapeutic uses. Brogden RN, et al. **Drugs** 5:357-445, 1973 (260 ref.)
[Principles of thrombolytic treatment] Judkiewicz L, et al. **Pol Tyg Lek** 27:1011-3, 26 Jun 72 (27 ref.) **(Pol)**

ADVERSE EFFECTS

Streptokinase: a review of its clinical pharmacology, mechanism of action and therapeutic uses. Brogden RN, et al. **Drugs** 5:357-445, 1973 (260 ref.)

METABOLISM

Mechanisms of cell and tissue injury induced by group A streptococci: relation to poststreptococcal sequelae. Ginsburg I.
J Infect Dis 126:294-340, Sep 72 (368 ref.)

PHARMACODYNAMICS

Streptokinase: a review of its clinical pharmacology, mechanism of action and therapeutic uses. Brogden RN, et al. **Drugs** 5:357-445, 1973 (260 ref.)
[Principles of thrombolytic treatment] Judkiewicz L, et al. **Pol Tyg Lek** 27:1011-3, 26 Jun 72 (27 ref.) **(Pol)**

THERAPEUTIC USE

Streptokinase: a review of its clinical pharmacology, mechanism of action and therapeutic uses. Brogden RN, et al. **Drugs** 5:357-445, 1973 (260 ref.)
[Hemolytic-uremic syndrome] Wijffels JC.
Ned Tijdschr Geneeskd 116:1735-42, 23 Sep 72 (51 ref.) **(Dut)**
[Acute pulmonary embolism] Späth G.
Munch Med Wochenschr 114:1673-80, 29 Sep 72 (36 ref.) **(Ger)**
[Thromboembolic complications in pregnancy and during delivery] Ludwig H.
Z Geburtshilfe Perinatol 176:169-82, Jun 72 (47 ref.) (Eng. Abstr.) **(Ger)**

THROMBELASTOGRAPHY

Site of synthesis of plasma and platelet factor XIII. McDonagh J, et al.
Ann NY Acad Sci 202:31-40, 8 Dec 72 (28 ref.)
[Keypoints in clinical tests for hemorrhagic and thrombotic tendencies] Yasunaga K.
Jap J Clin Med 31:783-97, Apr 73 (20 ref.) **(Jap)**
[Fibrinogenopathies] Stahl M.
Acta Haematol Pol 3:93-9, Jan-Mar 72 (22 ref.) **(Pol)**
[Blood hypercoagulability (attempted classification of pre-thrombotic states)] Tymiński W.
Wiad Lek 26:423-6, 1 Mar 73 (11 ref.) **(Pol)**

THROMBIN

The molecular structure of fibrinogen. Blombäck B, et al. **Ann NY Acad Sci** 202:77-97, 8 Dec 72 (54 ref.)
Fibrinoligase: the fibrin-stabilizing factor system of blood plasma. Lorand L.
Ann NY Acad Sci 202:6-30, 8 Dec 72 (75 ref.)
Tissue transamidases, fibrin stabilization and clot lysis. Tyler HM.
Ann NY Acad Sci 202:273-85, 8 Dec 72 (39 ref.)
Platelet age: its relationship to platelet size, function and metabolism. Hirsh J.
Br J Haematol 23:Suppl:209-14, Sep 72 (33 ref.)
[Some recent advances in blood coagulation research] Sakuragawa N.
Jap J Clin Hematol 13:923-33, Dec 72 (48 ref.) **(Jap)**
[Detection of fibrinogen and fibrin degradation products (FDP) and its clinical significance] Fujimaki M, et al.
Jap J Clin Med 31:798-804, Apr 73 (45 ref.) **(Jap)**
[Fibrinogen and fibrin degradation products] Fujimaki M, et al. **Jap J Clin Pathol** 21:31-6, Jan 73 (42 ref.) **(Jap)**
[Role of the vascular wall in the process of hemostasis] Kuznik BI.
Usp Sovrem Biol 75:61-85, Jan-Feb 73 (258 ref.) **(Rus)**

ANALYSIS

The tissue factor pathway of blood coagulation. Nemerson Y, et al.
Prog Hemostasis Thromb 1:1-37, 1972 (171 ref.)

ANTAGONISTS & INHIBITORS

Prostaglandin E1 and platelets. Bousser MG.
Biomedicine 18:95-102, Mar 73 (63 ref.)
Thrombin inhibiting action of heparin. Abildgaard U.
Folia Haematol (Leipz) 98:408-16, 1972 (31 ref.)
[Disseminated intravascular coagulation] Amir J.
Harefuah 83:29-32, 2 Jul 72 (20 ref.) **(Heb)**

BIOSYNTHESIS

[Physiological inhibitors of thrombin and thrombin synthesis] Schröer H.
Folia Haematol (Leipz) 99:212-22, 1973 (34 ref.) (Eng. Abstr.) **(Ger)**
[Disseminated intravascular coagulation] Amir J.
Harefuah 83:29-32, 2 Jul 72 (20 ref.) **(Heb)**
[Disseminated intravascular coagulation] Maekawa T.
Jap J Clin Pathol 21:24-30, Jan 73 (7 ref.) **(Jap)**

METABOLISM

Fibrinogen and the fibrinogenopathies. Morse EE.
Ann Clin Lab Sci 1:155-61, Sep-Oct 71 (30 ref.)
Site of synthesis of plasma and platelet factor XIII. McDonagh J, et al.
Ann NY Acad Sci 202:31-40, 8 Dec 72 (28 ref.)
Human platelet senescence. Karpatkin S.
Annu Rev Med 23:101-28, 1972 (56 ref.)
Nature and biological activities of degradation products of fibrinogen and fibrin. Kwaan HC, et al.
Annu Rev Med 24:335-44, 1973 (76 ref.)
Thrombin inhibiting action of heparin. Abildgaard U.
Folia Haematol (Leipz) 98:408-16, 1972 (31 ref.)
The tissue factor pathway of blood coagulation. Nemerson Y, et al.
Prog Hemostasis Thromb 1:1-37, 1972 (171 ref.)
[Fibrinogenopathies] Stahl M.
Acta Haematol Pol 3:93-9, Jan-Mar 72 (22 ref.) **(Pol)**
[Significance of lymphoid tissue humoral factors in regulation of body functions] Kendysh IN.
Usp Sovrem Biol 73:342-63, May-Jun 72 (193 ref.) **(Rus)**

PHARMACODYNAMICS

[Fibrinogen: biophysical, biochemical and biological properties] Krantz S, et al.
Folia Haematol (Leipz) 98:1-30, 1972 (283 ref.) (Eng. Abstr.) **(Ger)**

PHYSIOLOGY

Structural organization of the fibrinogen macromolecule related to the process of fibrin formation. Velican D.
Rev Roum Med Intern 9:419-36, 1972 (84 ref.)
[Fibrinogen. Hereditary hypo--and dysfibrinogenemia] Gajdos A.
Nouv Presse Med 2:1067-71, Apr 73 (30 ref.) **(Fre)**

THROMBOCYTOSIS

The spectrum of myeloproliferative disorders. Gilbert HS. **Med Clin North Am** 57:355-93, Mar 73 (129 ref.)

BLOOD

Vascular hemostasis: a review. Stevens DJ.
Am J Med Technol 39:252-7, Jun 73 (50 ref.)

THROMBOPENIA

BLOOD

Vascular hemostasis: a review. Stevens DJ.
Am J Med Technol 39:252-7, Jun 73 (50 ref.)
Site of synthesis of plasma and platelet factor XIII. McDonagh J, et al.
Ann NY Acad Sci 202:31-40, 8 Dec 72 (28 ref.)
Platelet age: its relationship to platelet size, function and metabolism. Hirsh J.
Br J Haematol 23:Suppl:209-14, Sep 72 (33 ref.)
Hematologic manifestations of systemic disease. Taylor JC. **Pediatr Clin North Am** 19:1071-82, Nov 72 (51 ref.)

CHEMICALLY INDUCED

The hematologic disorders of alcoholism. Eichner ER.
Am J Med 54:621-30, May 73 (62 ref.)
Protamine--antagonist to heparin. Jaques LB.
Can Med Assoc J 108:1291-7, 19 May 73 (30 ref.)
Adverse hematologic effects of drugs. Pochedly C, et al. **Pediatr Clin North Am** 19:1095-111, Nov 72 (76 ref.)
Hematologic aspects oa alcoholism. Straus DJ.
Semin Hematol 10:183-94, Jul 73 (85 ref.)
[Thrombocytopenia caused by drugs or just following drugs] Ballerini G.
Haematologica (Pavia) 57:307-38, 1972 (89 ref.) (Eng. Abstr.) **(Ita)**

CONGENITAL

Metabolic disorders of platelets. Hellem AJ.
Adv Intern Med 17:171-87, 1971 (69 ref.)
[Congenital thrombopathies] Outeiriño Hernanz J, et al. **Rev Clin Esp** 128:93-100, 31 Jan 73 (35 ref.) **(Spa)**

DIAGNOSIS

The clinical relevance of platelet function tests.

McBride JA, et al.
Br J Haematol 23:Suppl:201-8, Sep 72 (36 ref.)

ETIOLOGY

Platelet function tests in disease. Tschopp TB, et al.
Annu Rev Med 24:1-18, 1973 (214 ref.)
Alcohol-induced thrombocytopenia: review of the literature and report of case. Heiman JL.
J Am Dent Assoc 85:1358-61, Dec 72 (17 ref.)
X-linked recessive disorders: chronic granulomatous disease and Wiskott-Aldrich syndrome. Mauer AM.
J Invest Dermatol 60:522-8, Jun 73 (35 ref.)
Infectious mononucleosis. Fernbach DJ, et al.
Pediatr Clin North Am 19:957-68, Nov 72 (77 ref.)
Allergy in adverse drug reactions. Kreithen H.
Semin Drug Treat 2:431-44, Spring 73 (60 ref.)
Heavy chain diseases: clinical features and molecular significance of the disordered immunoglobulin structure. Frangione B, et al.
Semin Hematol 10:53-64, Jan 73 (51 ref.)
[Pathophysiology of thrombocytes in shock] Remmele W, et al.
Klin Wochenschr 51:3-9, Jan 73 (109 ref.) (Ger)

FAMILIAL & GENETIC

Metabolic disorders of platelets. Hellem AJ.
Adv Intern Med 17:171-87, 1971 (69 ref.)
Phenocopies. Lenz W.
J Med Genet 10:34-49, Mar 73 (86 ref.)
[Thrombocytopenia caused by drugs or just following drugs] Ballerini G.
Haematologica (Pavia) 57:307-38, 1972 (89 ref.) (Eng. Abstr.) (Ita)

IMMUNOLOGY

Adverse hematologic effects of drugs. Pochedly C, et al. **Pediatr Clin North Am** 19:1095-111, Nov 72 (76 ref.)
[Autoantibodies and autoimmune syndromes] Dimitrov DI.
Vutr Boles 12:1-7, 1973 (46 ref.) (Eng. Abstr.) (Bul)
[Thrombocytopenia caused by drugs or just following drugs] Ballerini G.
Haematologica (Pavia) 57:307-38, 1972 (89 ref.) (Eng. Abstr.) (Ita)

PATHOLOGY

Platelet age: its relationship to platelet size, function and metabolism. Hirsh J.
Br J Haematol 23:Suppl:209-14, Sep 72 (33 ref.)

THROMBOPLASTIN

Microangiopathic haemolytic anaemia (MHA). Brain MC. **Br J Haematol** 23:Suppl:45-52, Sep 72 (70 ref.)
Diagnosis of hemorrhagic disorders. Nemerson Y.
Med Clin North Am 57:531-41, Mar 73 (30 ref.)
[Influence of gestation on the blood coagulation system and diagnosis of possible disorders] Günter M, et al.
Z Aerztl Fortbild (Jena) 67:209-15, 1 Mar 73 (37 ref.) (Ger)

METABOLISM

[Physiological inhibitors of thrombin and thrombin synthesis] Schröer H.
Folia Haematol (Leipz) 99:212-22, 1973 (34 ref.) (Eng. Abstr.) (Ger)
[Significance of lymphoid tissue humoral factors in regulation of body functions] Kendysh IN.
Usp Sovrem Biol 73:342-63, May-Jun 72 (193 ref.) (Rus)

PHYSIOLOGY

[Disseminated intravascular coagulation] Amir J.
Harefuah 83:29-32, 2 Jul 72 (20 ref.) (Heb)
[Role of the heart and vessels in regulating blood coagulation and fibrinolysis] Kuznik BI, et al.
Kardiologiia 13:145-54, Apr 73 (112 ref.) (Rus)

SECRETION

The diagnosis of von Willebrand's disease. Bowie EJ, et al. **Ann Clin Lab Sci** 1:85-91, Jul-Aug 71 (39 ref.)

STANDARDS

The critical evaluation of thromboplastin. Ziegler FD, et al. **Ann Clin Lab Sci** 2:16-25, Jan-Feb 72 (69 ref.)
Some recent advances in coagulation--1972. King JB.
S Afr Med J 46:2085-9, 30 Dec 72 (42 ref.)

TRYPSIN

Metabolic and chemical features of ferritins, a series of iron-inducible tissue proteins. Linder MC, et al.
Am J Pathol 72:263-82, Aug 73 (47 ref.)
The molecular structure of fibrinogen. Blombäck B, et al. **Ann NY Acad Sci** 202:77-97, 8 Dec 72 (54 ref.)
Catalytic configurations. Henderson R, et al.
Annu Rev Biophys Bioeng 1:1-26, 1972 (117 ref.)
Some aspects of the structure of staphylococcal nuclease. I. Crystallographic studies. Cotton FA, et al.
Cold Spring Harbor Symp Quant Biol 36:243-9, 1971 (37 ref.)
Properties of proinsulin and related polypeptides. Kitabchi AE, et al.
CRC Crit Rev Biochem 1:59-94, Feb 72 (154 ref.)
Diphtheria toxin, protein synthesis, and the cell. Gill DM, et al. **Fed Proc** 32:1508-15, Apr 73 (28 ref.)
Proinsulin. Doshi HV, et al.
Indian J Med Sci 26:558-63, Sep 72 (32 ref.)
[Kinetic characteristics of biological catalysis and the dynamic structure of enzymes] Likhtenshteĭn GI, et al.
Usp Sovrem Biol 75:26-45, Jan-Feb 73 (91 ref.) (Rus)

ANALYSIS

On the biosynthesis, intracellular transport and mechanism of conversion of proinsulin to insulin and C-peptide. Kemmler W, et al.
Diabetes 21:Suppl 2:572-81, 1972 (41 ref.)
The Lundh test. James O. **Gut** 14:582-91, Jul 73 (77 ref.)

METABOLISM

The role of pancreatic enzymes in digestion. Beck IT.
Am J Clin Nutr 26:311-25, Mar 73 (122 ref.)
[Development of the endocrine pancreas and differentiation of its function] Kanazawa Y, et al.
Clin Endocrinol (Tokyo) 21:147-55, Feb 73 (41 ref.) (Jap)
[Proteolytic enzymes and their inhibitors in chronic non-tuberculous diseases of the respiratory system] Chyrek-Borowska S, et al.
Pol Tyg Lek 28:915-8, 1973 (34 ref.) (Pol)
[Significance of enzymatic disorders in the etiopathogenesis of pancreatitis] Skibiński A, et al.
Pol Tyg Lek 28:223-6, 5 Feb 73 (20 ref.) (Pol)
[The kinin system in acute pancreatitis] Ognev IuV, et al. **Vestn Khir** 108:132-5, Sep 72 (22 ref.) (Rus)

PHARMACODYNAMICS

Factors influencing the penetration of corticosteroids through the epidermis. Poiano MK, et al.
Adv Biol Skin 12:325-38, 1972 (19 ref.)
Surface glycoproteins of cells before and after transformation by oncogenic viruses. Warren L, et al.
Fed Proc 32:80-5, Jan 73 (32 ref.)
[Alpha-1-antitrypsin of blood serum: its biochemical properties, inborn deficiencies and biological functions] Koj A.
Przegl Lek 29:699-705, 1972 (76 ref.) (Pol)

PHYSIOLOGY

[Mediators in shock processes: pathogenetic and therapeutic problems] Habermann E.
Verh Dtsch Ges Inn Med 77:1221-9, 1971 (19 ref.) (Ger)
[Immunologic aspects of non-specific lymphocyte stimulation] Jaroszewski J.
Acta Haematol Pol 2:265-76, Jul-Sep 71 (98 ref.) (Pol)
[Migration inhibition test and its use in studies on delayed allergy] Moskalewska K.
Przegl Dermatol 59:677-82, Sep-Oct 72 (47 ref.) (Pol)

SECRETION

[Effect of vagotomy on the functioning of organs participating in fat digestion and resorption] Krajka K. **Pol Przegl Chir** 44:1829-33, Dec 72 (30 ref.) (Pol)

TRYPSIN INHIBITORS

X-ray studies of protein mechanisms. Dickerson RE.
Annu Rev Biochem 41:815-42, 1972 (43 ref.)
Nutritional value of commercially produced foods for infants. Sarett HP.
Bibl Nutr Dieta 18:246-66, 1973 (43 ref.)
Alpha-1-antitrypsin deficiency and pulmonary emphysema: the role of proteolytic enzymes and their inhibitors. Hutchison DC.
Br J Dis Chest 67:171-96, Jul 73 (103 ref.)
Perfusion lung scan patterns in patients with pulmonary embolism, emphysema & pulmonary edema. Gilday DL, et al.
CRC Crit Rev Radiol Sci 3:321-61, 1972 (76 ref.)
Molar absorptivity and A-1 per cent-1cm values for proteins at selected wavelengths of the ultraviolet and visible region. VI. Kirschenbaum DM.
Int J Protein Res 4:125-40, 1972 (145 ref.)
Chemistry of enzyme inhibitors of microbial origin. Umezawa H. **Pure Appl Chem** 33:129-44, 1973 (32 ref.)
Protein digestion. Nutritional and metabolic considerations. Snook JT.
World Rev Nutr Diet 18:121-76, 1973 (213 ref.)
Protein digestion. Nutritional and metabolic considerations. Snook JT.
World Rev Nutr Diet 10:121-76, 1973 (213 ref.)

BLOOD

Precocious emphysema and alpha 1 antitrypsin deficiency. Welch MH, et al.
Adv Intern Med 17:379-92, 1971 (55 ref.)
Alpha-1-antitrypsin deficiency and pulmonary emphysema: the role of proteolytic enzymes and their inhibitors. Hutchison DC.
Br J Dis Chest 67:171-96, Jul 73 (103 ref.)
Differential diagnosis of chronic respiratory insufficiency. Baum GL.
Med Clin North Am 57:623-35, May 73 (55 ref.)
Chronic bronchitis and emphysema. Classification and epidemiology. Ferris B Jr.
Med Clin North Am 57:637-49, May 73 (27 ref.)
Lung defense mechanisms. Green GM.
Med Clin North Am 57:547-62, May 73 (57 ref.)
Alpha 1 -antitrypsin deficiency. Lieberman J.
Med Clin North Am 57:691-706, May 73 (35 ref.)
Chronic bronchitis and emphysema. Thurlbeck WM.
Med Clin North Am 57:651-68, May 73 (74 ref.)
Hereditary aspects of COPD. Carey JP, et al.
Postgrad Med 54:64-9, Sep 73 (57 ref.)
Some unresolved problems in chronic respiratory disease. Stuart-Harris C.
Scott Med J 18:36-44, Mar 73 (55 ref.)
[Glycoproteins of the human plasma] Schwick HG, et al.
Wien Klin Wochenschr 85:213-6, 6 Apr 73 (28 ref.) (Eng. Abstr.) (Ger)
[Alpha-1-antitrypsin of blood serum: its biochemical properties, inborn deficiencies and biological functions] Koj A.
Przegl Lek 29:699-705, 1972 (76 ref.) (Pol)
[Genetically determined pulmonary emphysema] Pawlikowski T.
Wiad Lek 26:1223-6, 1 Jul 73 (29 ref.) (Eng. Abstr.) (Pol)

ISOLATION & PURIFICATION

[Alpha-1-antitrypsin of blood serum: its biochemical properties, inborn deficiencies and biological functions] Koj A.
Przegl Lek 29:699-705, 1972 (76 ref.) (Pol)

METABOLISM

Precocious emphysema and alpha 1 antitrypsin deficiency. Welch MH, et al.
Adv Intern Med 17:379-92, 1971 (55 ref.)
The liver in inherited metabolic diseases of childhood. Sharp HL, et al. **Prog Liver Dis** 4:463-88, 1972 (107 ref.)
Chronic obstructive pulmonary disease. A review, emphasizing roentgen pathologic correlations. Heitzman ER, et al.
Radiol Clin North Am 11:49-75, Apr 73 (69 ref.)
[Proteolytic enzymes and their inhibitors in chronic non-tuberculous diseases of the respiratory system] Chyrek-Borowska S, et al.
Pol Tyg Lek 28:915-8, 1973 (34 ref.) (Pol)
[Role of blood clotting and fibrinolytic disorders in diabetics in the development of pathological changes in blood vessels] Chmielewski J.
Wiad Lek 26:615-7, 1 Apr 73 (Pol)
[The kinin system in acute pancreatitis] Ognev IuV, et al. **Vestn Khir** 108:132-5, Sep 72 (22 ref.) (Rus)

PHARMACODYNAMICS

The neurohumoral control of pancreatic exocrine secretion. Brooks FP.
Am J Clin Nutr 26:291-310, Mar 73 (226 ref.)
Human granulocyte elastase. Further delineation of its role in connective tissue damage. Janoff A.
Am J Pathol 68:579-92, Sep 72 (22 ref.)
Alpha-1-antitrypsin deficiency and pulmonary emphysema: the role of proteolytic enzymes and their inhibitors. Hutchison DC.
Br J Dis Chest 67:171-96, Jul 73 (103 ref.)
Zymogens of proteolytic enzymes. Kassell B, et al.
Science 180:1022-7, 8 Jun 73 (43 ref.)

PHYSIOLOGY

Neutrophil proteases in inflammation. Janoff A.
Annu Rev Med 23:177-90, 1972 (78 ref.)
[Genetically determined pulmonary emphysema] Pawlikowski T.
Wiad Lek 26:1223-6, 1 Jul 73 (29 ref.) (Eng. Abstr.) (Pol)

TRYPSINOGEN

METABOLISM

Zymogens of proteolytic enzymes. Kassell B, et al.
Science 180:1022-7, 8 Jun 73 (43 ref.)

VITAMIN K

Metabolic roles of fat-soluble vitamins D, E, and K. Wasserman RH, et al.
Annu Rev Biochem 41:179-202, 1972 (185 ref.)
Recommended intakes of vitamins for normal growth and development. Kodicek E.
Bibl Nutr Dieta 18:45-64, 1973 (46 ref.)
Vitamin K and prothrombin synthesis. Suttie JW.
Nutr Rev 31:105-9, Apr 73 (18 ref.)

ADMINISTRATION & DOSAGE

Clinical considerations for the anesthesiologist whose patient is on anticoagulant therapy. Ellison N, et al.
Anesthesiology 39:328-36, Sep 73 (57 ref.)

ANALYSIS

Gas chromatography of the fat-soluble vitamins: a review. Sheppard AJ, et al.
J Am Oil Chem Soc 49:619-33, Nov 72 (100 ref.)

ANTAGONISTS & INHIBITORS

Metabolic roles of fat-soluble vitamins D, E, and K. Wasserman RH, et al.
Annu Rev Biochem 41:179-202, 1972 (185 ref.)
Vitamin K and prothrombin synthesis. Suttie JW.
Nutr Rev 31:105-9, Apr 73 (18 ref.)
[Thromboembolism in surgical practice. Current aspects of its control and prophylactic treatment. 2] Toulemonde F.
Phlebologie 25:433-62, Oct-Dec 72 (202 ref.) (Eng. Abstr.) (Fre)

METABOLISM

Progress in swine nutrition for the veterinarian. Bowland JP. **Can Vet J** 14:3-11, Jan 73 (80 ref.)
Vitamin K and prothrombin synthesis. Suttie JW.
Nutr Rev 31:105-9, Apr 73 (18 ref.)
The molecular basis of hereditary clotting disorders. Ratnoff OD.
Prog Hemostasis Thromb 1:39-74, 1972 (184 ref.)
[Advances in hematology. Interaction of drugs with anticoagulant derivatives] Pazdur J.
Pol Arch Med Wewn 49:389-93, Oct 72 (Pol)

PHARMACODYNAMICS

Metabolic roles of fat-soluble vitamins D, E, and K. Wasserman RH, et al.
Annu Rev Biochem 41:179-202, 1972 (185 ref.)

VITAMIN K

PHYSIOLOGY

Vitamin K and prothrombin synthesis. Suttie JW.
Nutr Rev 31:105-9, Apr 73 (18 ref.)

THERAPEUTIC USE

Differential diagnosis of cholestasis. Leevy CM, et al.
Adv Intern Med 17:323-42, 1971 (67 ref.)
Coagulation problems. Czapek EE.
Int Anesthesiol Clin 11:175-201, Summer 73 (66 ref.)
A plasma protein which increases with vitamin K deficiency. **Nutr Rev** 30:211-3, Sep 72 (8 ref.)
[Schedule for diagnostic-therapeutic management of hemorrhagic diathesis] Sulek K.
Wiad Lek 26:417-22, 1 Mar 73 (20 ref.) **(Pol)**
[Vitamin therapy in ophthalmology] Margolis MG.
Oftalmol Zh 27:624-30, 1972 **(Rus)**

VITAMIN K DEFICIENCY

Hemostatic problems in liver surgery. Rö JS.
Scand J Gastroenterol [Suppl] 19:71-81, 1973 (67 ref.)

BLOOD

A plasma protein which increases with vitamin K deficiency. **Nutr Rev** 30:211-3, Sep 72 (8 ref.)

COMPLICATIONS

Diagnosis of hemorrhagic disorders. Nemerson Y.
Med Clin North Am 57:531-41, Mar 73 (30 ref.)

DRUG THERAPY

A plasma protein which increases with vitamin K deficiency. **Nutr Rev** 30:211-3, Sep 72 (8 ref.)

METABOLISM

Coagulation factor variants. Bloom AL.
Br J Haematol 23:643-7, Dec 72 (34 ref.)
Vitamin K and prothrombin synthesis. Suttie JW.
Nutr Rev 31:105-9, Apr 73 (18 ref.)

VON WILLEBRAND'S DISEASE

[Von Willebrand's disease] Yamada S.
Jap J Clin Med 31:805-9, Apr 73 (86 ref.) **(Jap)**
[Congenital thrombopathies] Outeiriño Hernanz J, et al. **Rev Clin Esp** 128:93-100, 31 Jan 73 (35 ref.) **(Spa)**

BLOOD

Platelet function tests and thrombosis. O'Brien JR.
Adv Exp Med Biol 34:43-54, 1972 (10 ref.)
Vascular hemostasis: a review. Stevens DJ.
Am J Med Technol 39:252-7, Jun 73 (50 ref.)
A 1973 look at hemophilia and von Willebrand's disease. Ratnoff OD.
Proc Inst Med Chic 29:296-304, May-Jun 73 (44 ref.)
[Molecular-biology findings on various blood clotting factors] Fiedler H.
Folia Haematol (Leipz) 98:121-39, 1972 (121 ref.) (Eng. Abstr.) **(Ger)**

DIAGNOSIS

Metabolic disorders of platelets. Hellem AJ.
Adv Intern Med 17:171-87, 1971 (69 ref.)
The diagnosis of von Willebrand's disease. Bowie EJ, et al. **Ann Clin Lab Sci** 1:85-91, Jul-Aug 71 (39 ref.)
The clinical relevance of platelet function tests. McBride JA, et al.
Br J Haematol 23:Suppl:201-8, Sep 72 (36 ref.)
Diagnosis and treatment of inherited bleeding disorders. Strauss HS.
Pediatr Clin North Am 19:1009-28, Nov 72 (79 ref.)
[Von Willebrand's disease] Yamada S.
Jap J Clin Med 31:805-9, Apr 73 (86 ref.) **(Jap)**

ETIOLOGY

[Von Willebrand's disease] Yamada S.
Jap J Clin Med 31:805-9, Apr 73 (86 ref.) **(Jap)**

IMMUNOLOGY

The molecular basis of hereditary clotting disorders. Ratnoff OD.
Prog Hemostasis Thromb 1:39-74, 1972 (184 ref.)

PHYSIOPATHOLOGY

Bleeding disorders due to abnormal platelet function. Weiss HJ.
Med Clin North Am 57:517-30, Mar 73 (58 ref.)
[Blood coagulation and fibrinolysis processes in menstrual blood] Zuch A, et al.
Acta Haematol Pol 2:359-65, Oct-Dec 71 (43 ref.) **(Pol)**

THERAPY

A 1973 look at hemophilia and von Willebrand's disease. Ratnoff OD.
Proc Inst Med Chic 29:296-304, May-Jun 73 (44 ref.)
[Von Willebrand's disease] Yamada S.
Jap J Clin Med 31:805-9, Apr 73 (86 ref.) **(Jap)**

WARFARIN

A review of anticoagulant rodenticides in current use. Bentley EW. **Bull WHO** 47:275-80, 1972 (35 ref.)
Advances in pharmacogenetics. Vesell ES.
Prog Med Genet 9:291-367, 1973 (200 ref.)

ADVERSE EFFECTS

Heparin in migraine headache. Thonnard-Neumann E.
Headache 13:49-64, Jul 73 (97 ref.)

METABOLISM

Metabolic roles of fat-soluble vitamins D, E, and K. Wasserman RH, et al.
Annu Rev Biochem 41:179-202, 1972 (185 ref.)
Enzyme induction. Dollery CT.
Br J Anaesth 44:961-6, Sep 72 (25 ref.)

PHARMACODYNAMICS

Vitamin K and prothrombin synthesis. Suttie JW.
Nutr Rev 31:105-9, Apr 73 (18 ref.)

POISONING

Chemical poisonings in small animal practice. Aronson AL. **Vet Clin N Amer** 2:379-95, May 72 (35 ref.)

THERAPEUTIC USE

Prevention of thromboembolism after hip fracture. Lyon LJ, et al. **Geriatrics** 28:107-10, Jan 73 (17 ref.)

AUTHOR SECTION

A

1. **Aagenaes O, Matlary A, Elgjo K, et al:** Neonatal cholestasis in alpha-1-antitrypsin deficient children. Clinical, genetic, histological and immunohistochemical findings.
   Acta Paediatr Scand 61:632-42, Nov 72
   ADOLESCENCE/ ADULT/ *ALPHA GLOBULIN/ ALPHA GLOBULIN, analysis/ BIOPSY/ CHILD, PRESCHOOL/ *CHOLESTASIS/ CHOLESTASIS, diagnosis/ CHOLESTASIS, familial & genetic/ CHOLESTASIS, metabolism/ CHOLESTASIS, pathology/ CYTOPLASMIC GRANULES/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ GENOTYPE/ HISTOCYTOCHEMISTRY/ HUMAN/ INFANT/ INFANT, NEWBORN/ LIVER, pathology/ MALE/ *METABOLISM, INBORN ERRORS/ MIDDLE AGE/ *TRYPSIN INHIBITORS/ TRYPSIN INHIBITORS, analysis/ TRYPSIN INHIBITORS, blood

2. **Aaron JJ, Winefordner JD:** Phosphorescence study of excited triplet state properties of some K vitamins and their analytical usefulness.
   Anal Chem 44:2122-7, Nov 72
   CHEMISTRY/ *FLUORESCENCE/ FLUORESCENCE SPECTROMETRY/ PHYTONADIONE, analysis/ SOLVENTS/ *VITAMIN K, analysis

3. **Abbott EC, James VH, Parker RA, et al:** The effect of a sulphated mucopolysaccharide (RO1-8307) on adrenal and kidney morphology and function in the rat.
   Hormones 3:129-43, 1972
   ADRENAL GLANDS, anatomy & histology/ ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ DIET/ HEPARIN, pharmacodynamics/ JUXTAGLOMERULAR APPARATUS, analysis/ KIDNEY, analysis/ KIDNEY, anatomy & histology/ KIDNEY, drug effects/ *KIDNEY, physiology/ KINETICS/ MALE/ *MUCOPOLYSACCHARIDES, pharmacodynamics/ ORGAN WEIGHT/ POTASSIUM, administration & dosage/ RATS/ RENIN, analysis/ SODIUM, administration & dosage/ STAINS AND STAINING/ STEROIDS, secretion/ *SULFUR, pharmacodynamics/ SWINE/ THYMUS GLAND, drug effects

4. **Abdallah MA, Fassatti P:** Prolonged cholesterol-fat feeding to rabbits and the effect of exposure to cold on its course.
   J Egypt Public Health Assoc 47:256-67, 1972
   ANIMAL EXPERIMENTS/ *ARTERIOSCLEROSIS, metabolism/ BLOOD PROTEINS/ *COLD/ *DIET, ATHEROGENIC/ *DIETARY FATS/ ENVIRONMENTAL EXPOSURE/ LIPIDS, blood/ RABBITS

5. **Abdel-Fattah AF, Mabrouk SS, el-Hawwary NM:** Distribution pattern of milk-clotting and proteolytic activities in some fungi.
   Acta Biol Acad Sci Hung 23:55-60, 1972
   FUNGAL PROTEINS, analysis/ *FUNGI, enzymology/ MILK/ PEPTIDE HYDROLASES, metabolism

6. **Abe S, Shinmei M, Nagai Y:** Synovial collagenase and joint diseases: the significancy of latent collagenase with special reference to rheumatoid arthritis.
   J Biochem (Tokyo) 73:1007-11, May 73
   ALPHA GLOBULIN, analysis/ *ARTHRITIS, RHEUMATOID, enzymology/ *CLOSTRIDIOPEPTIDASE A, analysis/ HUMAN/ JOINT DISEASES, enzymology/ OSTEOARTHRITIS, enzymology/ *SYNOVIAL FLUID, enzymology/ TRYPSIN INHIBITORS, analysis

7. **Abe T:** [Intravascular coagulation]
   Respir Circ (Tokyo) 20:3-5, Jan 72 (Jap)
   *DISSEMINATED INTRAVASCULAR COAGULATION/ HUMAN/ *THROMBOSIS

8. **Abe T, Wakabayashi K:** [Therapeutic effect of prothrombin derivative preparations on hemophilia B patients]
   Jap J Clin Hematol 13:535-9, Aug 72 (Jap)
   ADULT/ CHILD/ CHILD, PRESCHOOL/ *CHRISTMAS DISEASE, drug therapy/ ENGLISH ABSTRACT/ HUMAN/ INJECTIONS, INTRAVENOUS/ MALE/ PHOSPHATES/ PROTHROMBIN, administration & dosage/ *PROTHROMBIN, therapeutic use

9. **Abelevich IG, Etlis VS, Klimova NIa, et al:** Novyi sposob podgotovki ruk eksfuzionistov pri massovoi zagotovke krovi.
   Probl Gematol Pereliv Krovi 17:61-2, Jul 72 (Rus)
   *BLOOD DONORS/ BLOOD PRESERVATION/ *BLOOD SPECIMEN COLLECTION/ *BLOOD TRANSFUSION/ *HAND/ METHODS/ *STERILIZATION

10. **Aberg H, Nilsson IM:** Recurrent thrombosis in a young woman with a circulating anticoagulant directed against factors XI and XII.
    Acta Med Scand 192:419-25, Nov 72
    ADOLESCENCE/ *ANTICOAGULANTS, blood/ BLOOD COAGULATION TESTS/ FACTOR V/ FACTOR VIII/ FACTOR IX/ *FACTOR XI/ *FACTOR XII/ FEMALE/ FIBRINOLYSIS/ HUMAN/ LUPUS ERYTHEMATOSUS, DISCOID, blood/ *LUPUS ERYTHEMATOSUS, DISCOID, complications/ PLATELET ADHESIVENESS/ RECURRENCE/ THROMBOPHLEBITIS, blood/ *THROMBOPHLEBITIS, complications

11. **Abildgaard CF, Harrison J:** Simultaneous use of multiple fibrometers for coagulation factor and heparin assays. Am J Clin Pathol 58:272-4, Sep 72
    *BLOOD COAGULATION FACTORS, analysis/ *BLOOD COAGULATION TESTS/ BLOOD COAGULATION TESTS, instrumentation/ *HEPARIN, blood/ HUMAN

12. **Abildgaard U:** Thrombin inhibiting action of heparin.
    Folia Haematol (Leipz) 98:408-16, 1972 (31 ref.)
    ANTITHROMBIN, physiology/ ARGININE, metabolism/ BLOOD COAGULATION DISORDERS, physiopathology/ FIBRINOGEN, physiology/ HALF-LIFE/ *HEPARIN, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ PROTAMINES, pharmacodynamics/ REVIEW/ *THROMBIN, antagonists & inhibitors/ THROMBIN, metabolism/ TOSYL COMPOUNDS, metabolism

13. **Abita JP, Lazdunski M, Bonsen PP, et al:** Zymogen-enzyme transformations. On the mechanism of activation of prophospholipase A.
    Eur J Biochem 30:37-47, 17 Oct 72
    ALANINE, analysis/ AMINOPEPTIDASES/ BINDING SITES/ CALCIUM/ ENZYME ACTIVATION/ ENZYME PRECURSORS/ FLUORESCENCE SPECTROMETRY/ KINETICS/ LECITHINS/ OPTICAL ROTATORY DISPERSION/ PANCREAS, enzymology/ PHOSPHOLIPASE/ *PHOSPHOLIPASE/ PROTEIN CONFORMATION/ SPECTROPHOTOMETRY, INFRARED/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SWINE/ TRYPSIN/ TRYPTOPHAN, analysis

14. **Ablin RJ:** Immunologic studies of patients with pulmonary emphysema. Ann Allergy 31:171-7, Apr 73
    ADULT/ AGED/ AGGLUTINATION TESTS/ ANTIBODY SPECIFICITY/ ANTIGENS/ *ANTINUCLEAR FACTORS, analysis/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ GEL DIFFUSION TESTS/ HUMAN/ IGA, analysis/ IGE, analysis/ IGG, analysis/ IGM, analysis/ IMMUNOELECTROPHORESIS/ *IMMUNOGLOBULINS, analysis/ LATEX PARTICLES/ LIVER, immunology/ MALE/ MICE, immunology/ MIDDLE AGE/ *PULMONARY EMPHYSEMA, immunology/ RHEUMATOID FACTOR, analysis/ *TRYPSIN INHIBITORS, analysis

15. **Abouna GM:** Simultaneous liver hemoperfusion and hemodialysis for treatment of hepatic coma and hepatorenal failure. Surgery 73:541-9, Apr 73
    ACID-BASE EQUILIBRIUM/ ADULT/

BABOONS/ BLOOD COAGULATION FACTORS/ FEMALE/ *HEMODIALYSIS/ HEMODIALYSIS, instrumentation/ *HEPATIC COMA, therapy/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *KIDNEY FAILURE, ACUTE, therapy/ LIVER/ METHODS/ *PERFUSION/ PERFUSION, instrumentation/ WATER-ELECTROLYTE BALANCE

16. **Abrahamsen AF:** The effect of acetylsalicylic acid and dipyridamole on platelet economy in metastatic cancer. Scand J Haematol 9:562-5, 1972
ASPIRIN, pharmacodynamics/ *ASPIRIN, therapeutic use/ BLOOD CELL COUNT/ *BLOOD PLATELETS, drug effects/ CELL SURVIVAL, drug effects/ DIPYRIDAMOLE, pharmacodynamics/ *DIPYRIDAMOLE, therapeutic use/ HALF-LIFE/ HUMAN/ NEOPLASM METASTASIS/ NEOPLASMS, blood/ *NEOPLASMS, drug therapy/ PLATELET ADHESIVENESS, drug effects/ TIME FACTORS

17. **Abrahamson J, Shandling B:** Intestinal hemangiomata in childhood and a syndrome for diagnosis: a collective review. J Pediatr Surg 8:487-95, Aug 73
*ABDOMEN/ ADOLESCENCE/ ANEMIA, etiology/ *CALCULI, complications/ CHILD/ FEMALE/ HAMARTOMA, complications/ *HEMANGIOMA, complications/ HEMANGIOMA, diagnosis/ HEMANGIOMA, surgery/ HEMANGIOMA, CAVERNOUS, complications/ HEMANGIOMA, CAVERNOUS, radiotherapy/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ INFANT/ *INTESTINAL NEOPLASMS, complications/ INTESTINAL NEOPLASMS, diagnosis/ INTESTINAL NEOPLASMS, radiotherapy/ INTESTINAL NEOPLASMS, surgery/ MALE/ SIGMOIDOSCOPY/ *SKIN NEOPLASMS, complications/ SYNDROME/ TELANGIECTASIS, complications/ VEINS

18. **Abramowitz J, Stracher A, Detwiler T:** The differential effect of Ca-ATP and Mg-ATP on platelet actomyosin. Biochem Biophys Res Commun 49:958-63, 15 Nov 72
*ACTOMYOSIN, blood/ *ADENOSINE TRIPHOSPHATE, pharmacodynamics/ BLOOD PLATELETS, analysis/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, enzymology/ BLOOD PROTEINS, analysis/ CALCIUM/ *CALCIUM, pharmacodynamics/ CENTRIFUGATION, DENSITY GRADIENT/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HUMAN/ MAGNESIUM/ *MAGNESIUM, pharmacodynamics/ MOLECULAR WEIGHT/ MUSCLE, SMOOTH, enzymology/ MUSCLES, enzymology/ SODIUM DODECYL SULFATE/ SUCROSE

19. **Acar J:** Etude clinique d'un nouvel anticoagulant de synthèse: le LD 4610.
Ann Cardiol Angeiol (Paris) 21:393-5, Jul-Sep 72 (Fre)
ADMINISTRATION, ORAL/ ADULT/ AGED/ *ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION TESTS/ *CARDIOVASCULAR DISEASES, drug therapy/ FEMALE/ HUMAN/ *INDENES, therapeutic use/ KETONES, therapeutic use/ MALE/ MIDDLE AGE/ *MORPHOLINES, therapeutic use

20. **Achenbach H, Urbaszek W:** Kobalteffekte im Organismus mit besonderer Berücksichtigung der Herz-Kreislaufwirkung.
Z Gesamte Inn Med 27:809-16, 1 Oct 72 (133 ref.) (Ger)
ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ COBALT, adverse effects/ COBALT, metabolism/ *COBALT, pharmacodynamics/ COBALT, poisoning/ COBALT, therapeutic use/ ENGLISH ABSTRACT/ GASTROINTESTINAL SYSTEM, drug effects/ GUINEA PIGS/ HEART, drug effects/ HEART FAILURE, CONGESTIVE, chemically induced/ HEMATOPOIETIC SYSTEM, drug effects/ HUMAN/ LIPIDS, metabolism/ MYOCARDIUM, metabolism/ NEUROMUSCULAR JUNCTION, drug effects/ RABBITS/ RATS/ REVIEW/ SYMPATHETIC NERVOUS SYSTEM, drug effects/ THYROID GLAND, drug effects

21. **Actis Dato A, Bello A, Panero GB:** Modifica tecnica nella correzione totale della trasposizione dei grossi vasi.
Minerva Med 64:825-8, 21 Mar 73 (Ita)
ANGIOCARDIOGRAPHY/ CHILD/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ EXTRACORPOREAL CIRCULATION/ FEMALE/ FIBRINOLYSIS/ HEART CATHETERIZATION/ HUMAN/ METHODS/ POSTOPERATIVE COMPLICATIONS/ SUTURE TECHNICS/ TRANSPOSITION OF GREAT VESSELS, diagnosis/ *TRANSPOSITION OF GREAT VESSELS, surgery

22. **Actis Dato A, Bello A, Panero GB:** Modifica tecnica nella correzione totale della trasposizione dei grossi vasi.
Minerva Med 64:825-8, 21 Mar 73 (Ita)
ANGIOCARDIOGRAPHY/ BLOOD PLATELET DISORDERS, etiology/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS/ HEART CATHETERIZATION/ HUMAN/ POSTOPERATIVE COMPLICATIONS/ SUTURE TECHNICS/ TRANSPOSITION OF GREAT VESSELS, radiography/ *TRANSPOSITION OF GREAT VESSELS, surgery/ VENA CAVA, SUPERIOR, surgery

23. **Adachi M, Suzuki M, Ross JN Jr, et al:** Neointima cultured in vitro for circulatory assistors. 3. Evaluation of antithrombogenic properties.
J Thorac Cardiovasc Surg 65:778-85, May 73
ANIMAL EXPERIMENTS/ *ASSISTED CIRCULATION, instrumentation/ *BLOOD VESSEL PROSTHESIS/ CELLS, CULTURED/ DOGS/ EVALUATION STUDIES/ FIBRIN/ POLYETHYLENE TEREPHTHALATE/ SILICONE ELASTOMERS/ *THROMBOSIS, prevention & control

24. **Adam M:** Kasuistischer Beitrag zu den gutartige Geschwülsen des Schädeldaches.
Kinderaerztl Prax 40:555-60, Dec 72 (Ger
CHILD, PRESCHOOL/ CHONDROMA, diagnosis/ DERMOID, diagnosis/ DERMOID, radiography/ DIAGNOSIS, DIFFERENTIAL/ FIBROMA, diagnosis/ HEMANGIOMA, diagnosis/ HUMAN/ LIPOMA, diagnosis/ NEUROFIBROMATOSIS, diagnosis/ OSTEOMA, diagnosis/ *SKULL NEOPLASMS, diagnosis/ SKULL NEOPLASMS, radiography

25. **Adam YG, Huvos AG, Hajdu SI:** Malignant vascula tumors of liver. Ann Surg 175:375-83, Mar 72
ADULT/ AGED/ *ANGIOSARCOMA/ ANGIOSARCOMA, pathology/ ANGIOSARCOMA, surgery/ CHILD, PRESCHOOL/ FEMALE/ *HEMANGIOENDOTHELIOMA/ HEMANGIOENDOTHELIOMA, pathology/ HEMANGIOENDOTHELIOMA, surgery/ HUMAN/ LIVER, pathology/ *LIVER NEOPLASMS/ LIVER NEOPLASMS, pathology LIVER NEOPLASMS, surgery/ MALE/ PALLIATIVE TREATMENT

26. **Adams GE, Baverstock KF, Cundall RB, et al:** Radiatio effects on -chymotrypsin in aqueous solution: pul radiolysis and inactivation studies.
Radiat Res 54:375-87, Jun 73
ALCOHOLS, BUTYL/ *CHYMOTRYPSIN, radiation effects/ COBALT ISOTOPES/ DOSE-RESPONSE RELATIONSHIP, RADIATION/ FREE RADICALS/ INDICATOR AND REAGENTS/ NITROUS OXIDE/ *RADIOCHEMISTRY/ SOLUTIONS/ WATER

27. **Adams WC, Gaman EM, Feigenbaum AS:** Bree differences in the responses of rabbits to atherogen diets. Atherosclerosis 16:405-11, Nov-Dec 72
ANIMAL EXPERIMENTS/ AORTA, pathology ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, pathology/ CARBON ISOTOPES/ CHOLESTEROL, biosynthesis/ CHOLESTEROL, blood/ CHOLESTEROL, metabolism/ *DIET, ATHEROGENIC/ FEEDBACK/ FEMALE/ HYPERCHOLESTEREMIA, etiology/ LIVER,

metabolism/ MALE/ RABBITS/ SPECIES SPECIFICITY/ TRITIUM

28. **Adar R, Kurchin A, Mozes M:** Rupture of aortic aneurysm producing a hematoma in urological scars.
J Cardiovasc Surg (Torino) 14:229-31, Mar-Apr 73
AGED/ *AORTA, ABDOMINAL/ AORTIC ANEURYSM, complications/ *AORTIC ANEURYSM, diagnosis/ AORTIC RUPTURE, complications/ *AORTIC RUPTURE, diagnosis/ CICATRIX/ DIAGNOSIS, DIFFERENTIAL/ *HEMATOMA, diagnosis/ HEMATOMA, etiology/ HUMAN/ *KIDNEY DISEASES, diagnosis/ KIDNEY DISEASES, etiology/ MALE/ MIDDLE AGE

29. **Addinall R, Curran DA:** A prescribing hazard.
Med J Aust 1:261, 3 Feb 73
CASE REPORT/ FEMALE/ HUMAN/ *MEDICATION ERRORS/ *NOMENCLATURE/ *PRESCRIPTIONS/ *WARFARIN, poisoning

30. **Addy ME, Steinman G, Mallette MF:** Selectivity in aqueous peptide synthesis by 1 -ethyl- 3-(3-Dimethylaminopropyl) carbodiimide. A model for primordial processes.
Biochim Biophys Acta 295:385-95, 21 Feb 73
ACETIC ACIDS/ AMIDES/ AMINO ACIDS/ CARBODIIMIDES/ CARBON ISOTOPES/ CHEMISTRY/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ DIMETHYLAMINES/ ELECTROPHORESIS, PAPER/ GLYCINE/ LYSINE/ *PEPTIDES, chem synthesis/ TOSYL COMPOUNDS/ TRYPSIN/ *VASOPRESSIN

31. **Adebahr G:** Morphologische Schockäquivalente bei Luftembolie, Taucherunfall und Dekompressionskrankheit.
Beitr Gerichtl Med 29:87-91, 1972 (Ger)
BLOOD COAGULATION/ *DECOMPRESSION SICKNESS, pathology/ *DIVING/ *EMBOLISM, AIR, pathology/ EMBOLISM, FAT, pathology/ ENGLISH ABSTRACT/ HUMAN/ *SHOCK, TRAUMATIC, pathology

32. **Agabian N, Rosen OM, Shapiro L:** Characterization of a protein acyl kinase from Caulobacter crescentus.
Biochem Biophys Res Commun 49:1690-8, 18 Dec 72
ALKALINE PHOSPHATASE/ *BACTERIA, enzymology/ CARBOXYLIC ACIDS/ CATTLE/ CELL-FREE SYSTEM/ DRUG STABILITY/ GLUTAMATES/ HISTONES/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ HYDROXYLAMINES/ MAGNESIUM/ MANGANESE/ MYOCARDIUM, enzymology/ MYOGLOBIN/ OVALBUMIN/ PEPTIDES/ PHOSPHATES/ PHOSPHORUS ISOTOPES/ *PHOSPHOTRANSFERASES/ PRONASE/ PROTAMINES/ PROTEINS/ RIBONUCLEASE/ SERUM ALBUMIN, BOVINE

33. **Agarwal S, Kaul KK:** Infantile haemangioendothelioma of the liver--a case report.
Indian J Cancer 10:103-6, Mar 73
AUTOPSY/ CARDIOVASCULAR DISEASES, etiology/ FEMALE/ HEMANGIOENDOTHELIOMA, complications/ *HEMANGIOENDOTHELIOMA, pathology/ HUMAN/ INFANT/ LIVER, pathology/ LIVER NEOPLASMS, complications/ *LIVER NEOPLASMS, pathology

34. **Agid R, Marquié G:** Effets inhibiteurs de certains biguanides antidiabétiques sur l'absorption intestinale des lipides.
C R Acad Sci [D] (Paris) 275:1787-90, 16 Oct 72 (Fre)
ANIMAL EXPERIMENTS/ CHOLESTEROL, analysis/ *CHOLESTEROL, metabolism/ COMPARATIVE STUDY/ DIET, ATHEROGENIC/ DIETARY PROTEINS/ FATTY LIVER, drug therapy/ FECES, analysis/ GLYCERIDES, analysis/ *GLYCERIDES, metabolism/ *INTESTINAL ABSORPTION, drug effects/ MALE/ *METFORMIN, pharmacodynamics/ OILS, metabolism/ *PHENFORMIN, pharmacodynamics/ RABBITS

35. **Agid R, Marquié G:** The effects of metformin on lipid-induced atherosclerosis.
Adv Metab Disord 2:Suppl 2:575-86, 1973
ANIMAL EXPERIMENTS/ ARTERIES, metabolism/ *ARTERIOSCLEROSIS, drug therapy/ ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, metabolism/ BLOOD SUGAR, analysis/ CHOLESTEROL, blood/ CHOLESTEROL, metabolism/ *DIET, ATHEROGENIC/ FATTY ACIDS, NONESTERIFIED, metabolism/ FATTY LIVER, metabolism/ GLYCOGEN, metabolism/ HYPERLIPEMIA, complications/ *HYPERLIPEMIA, drug therapy/ HYPERLIPEMIA, metabolism/ INTESTINAL ABSORPTION, drug effects/ LIPOPROTEINS, metabolism/ LIVER, metabolism/ MALE/ *METFORMIN, therapeutic use/ *PHENFORMIN, therapeutic use/ PHOSPHOLIPIDS, metabolism/ RABBITS

36. **Agostoni A, Martignoni GC:** Hereditary angioneurotic oedema.
Lancet 2:325, 11 Aug 73
*ANGIONEUROTIC EDEMA, drug therapy/ ANGIONEUROTIC EDEMA, familial & genetic/ HUMAN/ INJECTIONS, INTRAVENOUS/ KALLIKREIN-TRYPSIN INACTIVATOR, administration & dosage/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ *LARYNGEAL EDEMA, drug therapy

37. **Aguercif M, Anner R, Ritschard J, et al:** Syndromes de disfibrinogénémies congénitales et familiales. A propos de deux nouvelles familles.
Pediatrie 27:317-23, Apr-Mar 72 (Fre)
ADULT/ AFIBRINOGENEMIA, diagnosis/ *AFIBRINOGENEMIA, familial & genetic/ BLOOD COAGULATION TESTS/ CHILD/ FEMALE/ HUMAN/ MALE

38. **Aguercif M, Giacometti N, Nigg OM, et al:** Existe-t-il un fibrinogéne foetal? Exploration statistique de la fibrinoformation dans une population de nouveau-nés prématurés, matures et post-matures.
Pediatrie 28:381-99, Jun 73 (Fre)
ADULT/ BLOOD COAGULATION TESTS/ FEMALE/ *FETUS/ *FIBRINOGEN, biosynthesis/ GESTATIONAL AGE/ HUMAN/ INFANT, NEWBORN/ INFANT, PREMATURE/ MALE/ PREGNANCY

39. **Aguglia V, Sgroi C, Cerasola GA:** Modificazioni elettrocardiografiche e reografiche in aterosclerotici trattati con un polisolfoestere del pentosano (SP-54.
Boll Soc Ital Cardiol 17:65-75, 1972 (Ita)
ADULT/ AGED/ *ARTERIOSCLEROSIS, drug therapy/ BLOOD CIRCULATION, drug effects/ BLOOD COAGULATION, drug effects/ DRUG TOLERANCE/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FEMALE/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ PLETHYSMOGRAPHY, IMPEDANCE/ POLYSACCHARIDES, pharmacodynamics/ *POLYSACCHARIDES, therapeutic use/ SULFURIC ACIDS, pharmacodynamics/ SULFURIC ACIDS, therapeutic use

40. **Aguilar JH, Jacobs HG, Butler WT, et al:** The distribution of carbohydrate groups in rat skin collagen.
J Biol Chem 248:5106-13, 25 Jul 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CITRATES/ CLOSTRIDIOPEPTIDASE A/ *COLLAGEN, analysis/ CYANOGEN BROMIDE/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ GLYCOPEPTIDES, analysis/ *GLYCOPEPTIDES, isolation & purification/ HEXOSES, analysis/ HYDROGEN-ION CONCENTRATION/ LATHYRISM, metabolism/ MALE/ OSMOLAR CONCENTRATION/ PEPTIDES, analysis/ PROTEIN DENATURATION/ RATS/ *SKIN, analysis/ SODIUM/ THIOCYANATES/ TRYPSIN

41. **Ahearn DJ, Marshall JW, Nothum RJ, et al:** Morphologic studies of dialysis membranes adherence

of blood components to air rinsed coils.
Trans Am Soc Artif Intern Organs 19:435-9, 1973
*AIR/ *BLOOD CELLS/ BLOOD COAGULATION/ BLOOD PLATELETS, cytology/ CELL NUCLEUS/ ERYTHROCYTES, cytology/ FIBRIN/ GLUTARALDEHYDE/ HUMAN/ *KIDNEY, ARTIFICIAL, instrumentation/ LEUKOCYTES, cytology/ *MEMBRANES, ARTIFICIAL/ MICROSCOPY, ELECTRON, SCANNING/ NEUTROPHILS, cytology

42. **Ahlström A, Pekkarinen M:** Suomalainen ravinto.
Duodecim 88:1582-90, 1972 **(Fin)**
ADOLESCENCE/ ADULT/ AGED/ ANEMIA, HYPOCHROMIC, occurrence/ CHILD/ CHILD, PRESCHOOL/ *DIET/ DIET, ATHEROGENIC/ DIETARY SERVICES/ FEMALE/ FINLAND/ FOOD HABITS/ FOOD SUPPLY/ GOITER, ENDEMIC, occurrence/ HEALTH AND WELFARE PLANNING/ HUMAN/ MALE/ MIDDLE AGE/ *NUTRITION/ NUTRITION SURVEYS/ NUTRITIONAL REQUIREMENTS/ OBESITY, occurrence/ PREGNANCY

43. **Ahtee L, Kääriäinen I:** 5-hydroxytryptamine in platelets and brain of rabbits treated chronically with imipramine, morphine or methadone.
Naunyn Schmiedebergs Arch Pharmacol 277:429-36, 30 Apr 73
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, analysis/ *BLOOD PLATELETS, metabolism/ BRAIN CHEMISTRY/ HYDROXYINDOLEACETIC ACID, analysis/ *IMIPRAMINE, administration & dosage/ MALE/ *METHADONE, administration & dosage/ *MORPHINE, administration & dosage/ RABBITS/ SEROTONIN, analysis/ SEROTONIN, blood/ *SEROTONIN, metabolism/ TIME FACTORS

44. **Ahtee L, Saarnivaara L:** The effect of narcotic analgesics on the uptake of 5-hydroxytryptamine and (-)-metaraminol by blood platelets.
Br J Pharmacol 47:808-18, Apr 73
ALPHAPRODINE, pharmacodynamics/ ANILERIDINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ CYCLAZOCINE, pharmacodynamics/ FLUORESCENCE SPECTROMETRY/ HUMAN/ IN VITRO/ METARAMINOL, antagonists & inhibitors/ *METARAMINOL, metabolism/ METHADONE, pharmacodynamics/ MORPHINE, pharmacodynamics/ NALORPHINE, pharmacodynamics/ *NARCOTICS, pharmacodynamics/ PENTAZOCINE, pharmacodynamics/ PROPOXYPHENE, pharmacodynamics/ RABBITS/ SEROTONIN, antagonists & inhibitors/ *SEROTONIN, metabolism/ TRITIUM

45. **Aiach M, Rogé J, Busy MF, et al:** Dysfibrinogénémies acquises et affections hépatiques. A propos de 30 observations.
Sem Hop Paris 49:183-97, 14 Jan 73 **(Fre)**
ADENOCARCINOMA, complications/ ADULT/ AGED/ ALCOHOLISM, complications/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOGEN/ HEPATITIS, complications/ HEPATITIS, INFECTIOUS, complications/ HUMAN/ LIVER CIRRHOSIS, complications/ *LIVER DISEASES, complications/ *LIVER NEOPLASMS, complications/ MALE/ MIDDLE AGE/ PROGNOSIS/ *TEMPORAL ARTERITIS, complications

46. **Airaksinen EM, Airaksinen MM:** The binding of tryptophan to plasma proteins and the rate of the inactivation of 5HT released from platelets in Down's syndrome. Ann Clin Res 4:361-5, Dec 72
ADOLESCENCE/ ADULT/ BINDING SITES/ *BLOOD PLATELETS, metabolism/ BLOOD PROTEIN ELECTROPHORESIS/ *BLOOD PROTEINS, metabolism/ CARBON ISOTOPES/ FEMALE/ HUMAN/ MALE/ MENTAL RETARDATION, blood/ MIDDLE AGE/ *MONGOLISM, blood/ *PROTEIN BINDING/ *SEROTONIN, blood/ SERUM ALBUMIN, metabolism/ SERUM GLOBULINS, metabolism/ SPECTROPHOTOMETRY/ TETRABENAZINE, pharmacodynamics/ TIME FACTORS/ *TRYPTOPHAN, blood

47. **Airapetian MKh, Karapetian NV, Grigoriants LL:** Nekotorye voprosy diagnostiki i lecheniia kistoznykh obrazovanii shei. Zh Eksp Klin Med 13:51-5, 1973 (Rus)
ADOLESCENCE/ ADULT/ AGED/ *BRANCHIOMA, diagnosis/ CHILD/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ FOLLOW-UP STUDIES/ HEMANGIOMA, diagnosis/ HUMAN/ LYMPHANGIOMA, diagnosis/ MALE/ MIDDLE AGE/ RECURRENCE

48. **Aita JA:** Neurologic involvement of thrombotic thrombocytopenic purpura, 1972.
Nebr Med J 58:76-8, Mar 73
ADULT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *NEUROLOGIC MANIFESTATIONS/ *PURPURA, THROMBOTIC THROMBOPENIC, complications/ PURPURA, THROMBOTIC THROMBOPENIC, diagnosis/ TIME FACTORS

49. **Aivazian AI, Petrishchev NN:** Svertyvanie krovi fibrinoliz u krys s aloksanovym diabetom.
Patol Fiziol Eksp Ter 17:83-5, Mar-Apr 73 (Rus
*ALLOXAN DIABETES, blood/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION DISORDERS, blood/ ENGLISH ABSTRACT/ *FIBRINOLYSIS/ MALE/ RATS/ THROMBELASTOGRAPHY/ TIME FACTORS

50. **Aizawa F, Tagawa S, Asano H, et al:** Clinical an histopathologic studies of exophthalmos.
Ann Ophthalmol 5:805-16, Jul 73
ADULT/ AGED/ CHILD/ *EXOPHTHALMOS, etiology/ EXOPHTHALMOS, pathology/ EYE DISEASES, complications/ EYE DISEASES, pathology/ FEMALE/ *HEMANGIOMA, complications/ HEMANGIOMA, pathology/ *HEMANGIOMA, CAVERNOUS, complications/ HEMANGIOMA, CAVERNOUS, pathology/ HUMAN/ *LYMPHOMA, complications/ LYMPHOMA, pathology/ MALE/ MIDDLE AGE/ *NEURILEMMOMA, complications/ NEURILEMMOMA, pathology/ *ORBIT/ ORBIT pathology/ *ORBITAL NEOPLASMS, complications/ ORBITAL NEOPLASMS, pathology

51. **Akao T, Omura T:** Acetanilide-hydrolyzing esterase rat liver microsomes. I. Solubilization, purificatio and intramicrosomal localization.
J Biochem (Tokyo) 72:1245-56, Nov 72
ACETANILIDE/ ALCOHOL OXIDOREDUCTASES/ ANTIBODIES/ CHROMATOGRAPHY, ION EXCHANGE/ CYTOCHROMES/ ELECTROPHORESIS, DISK/ *ESTERASES, isolation & purification/ GEL FILTRATION/ GLUCOSEPHOSPHATASE, pharmacodynamics/ IMMUNE SERUMS/ *MICROSOMES, LIVER, enzymology/ OXIDOREDUCTASES/ PHOSPHOLIPASE, pharmacodynamics/ PRECIPITIN TESTS/ RABBITS, immunology/ RATS/ SOLUBILITY SURFACE-ACTIVE AGENTS, pharmacodynamics/ TRYPSIN, pharmacodynamics

52. **Akers MJ, Lach JL, Fischer LJ:** Alterations absorption of dicumarol by various excipient materials. J Pharm Sci 62:391-5, Mar 73
ADSORPTION/ ALUMINUM HYDROXIDE GE metabolism/ ALUMINUM SILICATES, metabolism/ ANIMAL EXPERIMENTS/ BIOPHARMACEUTICS/ *BISHYDROXYCOUMARIN, blood/ BISHYDROXYCOUMARIN, pharmacodynamics CALCIUM, metabolism/ DOGS/ DRUG INTERACTIONS/ HYDROXIDES, metabolism KINETICS/ MAGNESIUM/ MAGNESIUM OXIDE, metabolism/ *PHARMACEUTIC AIDS POLYVINYLPYRROLIDONE, metabolism/ PROTHROMBIN TIME/ SILICA, metabolism/ SPECTROPHOTOMETRY/ STARCH, metabolism/ STEARIC ACID, metabolism/ TALC, metabolism/ TIME FACTORS

53. **Akers MJ, Lach JL, Fischer LJ:** Bioavailability of dicumarol from different commercial tablets in dogs.
J Pharm Sci 62:1192-3, Jul 73
ANIMAL EXPERIMENTS/ BIOPHARMACEUTICS/ *BISHYDROXYCOUMARIN/ BISHYDROXYCOUMARIN, administration & dosage/ BISHYDROXYCOUMARIN, analysis/ BISHYDROXYCOUMARIN, blood/ BISHYDROXYCOUMARIN, pharmacodynamics/ BLOOD COAGULATION, drug effects/ DOGS/ KINETICS/ PROTHROMBIN TIME/ SOLUBILITY/ SPECTROPHOTOMETRY/ TABLETS/ TIME FACTORS

54. **Akihama T, Shibata A, Miura A, et al:** [A case of polycythemia vera with remarkable hemorrhagic diathesis]
Jap J Clin Hematol 13:879-84, Oct 72 (Jap)
AGED/ ENGLISH ABSTRACT/ FEMALE/ *HEMORRHAGIC DIATHESIS, complications/ HUMAN/ MURAMIDASE, blood/ MURAMIDASE, urine/ *POLYCYTHEMIA VERA, complications/ POLYCYTHEMIA VERA, enzymology/ POLYCYTHEMIA VERA, pathology

55. **Akimov GA, Vinogradov VM, Aleksandrova AE:** Nekotorye napiavlenila v profilaktike i terapii gipoksii mozga.
Zh Nevropatol Psikhiatr 73:491-7, 1973 (102 ref.) (Rus)
ANIMAL EXPERIMENTS/ ANOXIA, drug therapy/ *ANOXIA, prevention & control/ ANOXIA, therapy/ ANTICOAGULANTS, therapeutic use/ BRAIN, metabolism/ BRAIN EDEMA, complications/ BRAIN EDEMA, drug therapy/ CEREBROVASCULAR DISORDERS, drug therapy/ *CEREBROVASCULAR DISORDERS, prevention & control/ CEREBROVASCULAR DISORDERS, therapy/ DOGS/ EXTRACORPOREAL CIRCULATION/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ HYPOTHERMIA, INDUCED/ MICROCIRCULATION, drug effects/ NARCOTICS, therapeutic use/ OXYGEN CONSUMPTION/ RABBITS/ REVIEW/ TRANQUILIZING AGENTS, therapeutic use

56. **Akkerman JW, Sixma JJ, Bouma BN:** Control of heparin therapy with an activated partial thromboplastin time. Neth J Med 16:129-35, 1973
*BLOOD COAGULATION, drug effects/ HEPARIN, blood/ *HEPARIN, pharmacodynamics/ HUMAN/ INDICATOR DILUTION TECHNICS/ *THROMBOPLASTIN, analysis

57. **Akopian ZhI, Gorkin VZ, Matusis II, et al:** Dezaminirovanie nekotorykh azotistykh soedinenif v mitokhondriiakh pecheni krys pri nedostatochnosti vitamina.
Biull Eksp Biol Med 73:26-8, Nov 72 (Rus)
*ADENOSINE MONOPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *ETHYLAMINES, metabolism/ *HISTAMINE, metabolism/ MALE/ *MITOCHONDRIA, LIVER, metabolism/ NITRO COMPOUNDS, metabolism/ RATS/ *TYRAMINE, metabolism/ *VITAMIN K DEFICIENCY, metabolism

58. **Akopian ZhI, Gvozdev RI, Molodykh GU, et al:** Ochistka i modifitsirovanie kataliticheskikh svoistv aminoksidaz.
Vopr Med Khim 18:356-64, Jul-Aug 72 (Rus)
ADENOSINE MONOPHOSPHATE/ ALUMINUM HYDROXIDE GEL/ AMMONIUM SULFATE/ ANIMAL EXPERIMENTS/ CATALYSIS/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DEAMINATION/ ENGLISH ABSTRACT/ GEL FILTRATION/ GELS/ HISTAMINASE/ *HISTAMINASE, isolation & purification/ HYDROGEN SULFIDE/ HYDROXYAPATITE/ *KIDNEY, enzymology/ METHODS/ *MITOCHONDRIA, LIVER, enzymology/ MONOAMINE OXIDASE/ *MONOAMINE OXIDASE, isolation & purification/ OLEIC ACID/ OXIDATION-REDUCTION/ PROTAMINES/ *SARCINA, enzymology/ SULFATES/ SWINE/ *TYRAMINE

59. **Akutsu T, Takano H, Takagi H, et al:** Pathophysiology and new problems in total artificial heart.
J Thorac Cardiovasc Surg 64:762-71, Nov 72
ANIMAL EXPERIMENTS/ BILIRUBIN, blood/ BLOOD PLATELETS/ BLOOD PRESSURE/ CARDIAC OUTPUT/ CATTLE/ FIBRINOGEN, analysis/ *HEART, ARTIFICIAL/ HEART, ARTIFICIAL, mortality/ HEMATOCRIT/ *HEMODYNAMICS/ HEMOGLOBIN, analysis/ HYDROGEN-ION CONCENTRATION/ OXYGEN, blood/ POSTOPERATIVE CARE/ SILICONES/ TIME FACTORS

60. **Alabaster VA, Bakhle YS:** The bradykininase activities of extracts of dog lung.
Br J Pharmacol 47:799-807, Apr 73
ANIMAL EXPERIMENTS/ BRADYKININ/ BRADYKININ, analysis/ CHELATING AGENTS, pharmacodynamics/ CHLORIDES, metabolism/ COBALT, pharmacodynamics/ DOGS/ ETHYLMALEIMIDE, pharmacodynamics/ ILEUM, metabolism/ IN VITRO/ *LUNG, enzymology/ MAGNESIUM, pharmacodynamics/ MANGANESE, pharmacodynamics/ MERCAPTOETHANOL, pharmacodynamics/ MUSCLE, SMOOTH, enzymology/ MUSCLE, SMOOTH, metabolism/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, metabolism/ PEPTIDES, pharmacodynamics/ ZINC, pharmacodynamics

61. **Aiánt O, Bodnár:** Hyperinsulinismus: Einwirkung des Pankreasinsuloms und dessen Entfernung auf das Blutgerinnungssystem.
Acta Chir Acad Sci Hung 13:367-74, 1972 (Ger)
ADULT/ ANTICOAGULANTS, therapeutic use/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ HUMAN/ *HYPERINSULINISM, complications/ *ISLET CELL TUMOR, surgery/ MIDDLE AGE/ *PANCREATIC NEOPLASMS, surgery/ POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBOEMBOLISM, prevention & control

62. **Alazard R, Béchet JJ, Dupaix A, et al:** Inactivation of alpha-chymotrypsin by a bifunctional reagent, 2-bromomethyl-3, I-benzoxazin-4-one.
Biochim Biophys Acta 309:379-96, 6 Jun 73
ACRIDINES/ ACYLATION/ ALKYLATION/ AMINO ACIDS, analysis/ ANTHRANILIC ACID/ BINDING SITES/ BROMINE/ CARBON ISOTOPES/ CHYMOTRYPSIN, analysis/ *CHYMOTRYPSIN, antagonists & inhibitors/ CIRCULAR DICHROISM/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ INDOLES/ KETONES/ KINETICS/ MATHEMATICS/ METHIONINE/ MOLECULAR WEIGHT/ NITROPHENOLS/ *OXAZINES/ SPECTROPHOTOMETRY, ULTRAVIOLET/ ULTRAVIOLET RAYS

63. **Albert FW, Kreiter H:** Der Einfluss der einzelnen und wiederholten Hämodialyse auf den Gerinnungsstatus.
Munch Med Wochenschr 114:1917-21, 3 Nov 72 (Ger)
BLOOD CELL COUNT/ *BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ ENGLISH ABSTRACT/ EVOLUTION/ FACTOR V, analysis/ FACTOR VII, analysis/ FACTOR X, analysis/ FIBRINOGEN, analysis/ *HEMODIALYSIS/ HEMORRHAGE/ HUMAN/ KIDNEY, ARTIFICIAL/ PLATELET ADHESIVENESS/ PROTHROMBIN, analysis/ PROTHROMBIN TIME/ THROMBELASTOGRAPHY/ THROMBIN, analysis

64. **Albert Z, Szewczuk A:** Pyrrolidonyl peptidase in some avian and rodent tissues. Histochemical localization and biochemical studies.
Acta Histochem (Jena) 44:98-105, 1972
AMIDES/ ANIMAL EXPERIMENTS/ CHICKENS/ DUODENUM, enzymology/ FEMALE/ GUINEA PIGS/ HAMSTERS/ HISTOCYTOCHEMISTRY/ INTESTINAL MUCOSA, enzymology/ INTESTINE, SMALL,

enzymology/ KIDNEY, enzymology/ LIVER, enzymology/ NAPHTHOLS/ *PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, metabolism/ PIGEONS/ PYRROLIDINONES/ RATS/ TISSUE EXTRACTS

65. **Alberto S, Lavarino A, Pinna G, et al:** Studio statistico dei rapporti tra viscosità del sangue e valore ematocrito.
Arch Sci Med (Torino) 128:236-44, Oct-Dec 71 (Ita)
BLOOD CIRCULATION/ BLOOD COAGULATION/ BLOOD FLOW VELOCITY/ *BLOOD VISCOSITY/ ENGLISH ABSTRACT/ FEMALE/ *HEMATOCRIT/ HUMAN/ MALE

66. **Albini B, Wick G:** Immunoglobulin determinants on the surface of chicken lymphoid cells.
Int Arch Allergy Appl Immunol 44:804-22, 1973
ANIMAL EXPERIMENTS/ *ANTIGENIC DETERMINANTS/ *BURSA OF FABRICIUS, immunology/ *CELL MEMBRANE, immunology/ CHICK EMBRYO/ *CHICKENS, immunology/ FETAL MEMBRANES, immunology/ FLUORESCENT ANTIBODY TECHNIC/ IMMUNE SERUMS/ *IMMUNOGLOBULINS/ *LYMPHOCYTES, immunology/ RABBITS, immunology/ SPLEEN, immunology/ THYMUS GLAND, immunology/ TONSIL, immunology/ TRYPSIN

67. **Albro PW, Thomas RO:** Enzymatic hydrolysis of di-(2-ethylhexyl) phthalate by lipases.
Biochim Biophys Acta 306:380-90, 21 Jun 73
ADIPOSE TISSUE, enzymology/ ANIMAL EXPERIMENTS/ BILE ACIDS AND SALTS, metabolism/ CARBON ISOTOPES/ CHOLESTEROL/ ENZYME ACTIVATION/ ESTERASES/ ESTERS, metabolism/ FEMALE/ GUINEA PIGS/ HAMSTERS/ INTESTINAL MUCOSA, enzymology/ INTESTINE, SMALL, enzymology/ KINETICS/ *LIPASE, metabolism/ LIPOPROTEIN LIPASE, blood/ LIVER, enzymology/ LUNG, enzymology/ MICE/ PANCREAS, enzymology/ *PHTHALIC ACID, metabolism/ RATS

68. **Alder VG, Gillespie WA, Mitchell RG, et al:** The lipolytic activity of Micrococcaceae from human and animal sources. J Med Microbiol 6:147-54, May 73
ANIMAL EXPERIMENTS/ ANTIGENS, BACTERIAL/ COAGULASE/ EGG YOLK/ GEL DIFFUSION TESTS/ LIPASE, isolation & purification/ *LIPIDS, metabolism/ MICROCOCCUS, immunology/ MICROCOCCUS, isolation & purification/ *MICROCOCCUS, metabolism/ RABBITS, immunology/ STAPHYLOCOCCUS, immunology/ STAPHYLOCOCCUS, isolation & purification/ *STAPHYLOCOCCUS, metabolism

69. **Aleĭnikova LI, Dubovyĭ ED, Sokolov VN, et al:** Radiometricheskoe opredelenie pronitsaemosti kapilliarov i tkanevogo krovoobrashcheniia u bol'nykh koronarnym aterosklerozom pod vilianiem geparina.
Klin Med (Mosk) 50:42-5, Oct 72 (Rus)
ADULT/ AGED/ ARTERIOSCLEROSIS, complications/ ARTERIOSCLEROSIS, drug therapy/ *CAPILLARY PERMEABILITY/ CORONARY DISEASE, complications/ *CORONARY DISEASE, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, complications/ MALE/ MIDDLE AGE/ *RADIOMETRY/ *REGIONAL BLOOD FLOW

70. **Aleksandrov AG:** Termokonteiner TK-1.
Voen Med Zh 5:90, May 73 (Rus)
*BLOOD PRESERVATION, instrumentation

71. **Alexander J, Maples G, Wilson J, et al:** Evaluation of a new medium for Staphylococcus isolation.
Am J Med Technol 39:37-9, Feb 73
AGAR/ COAGULASE/ *CULTURE MEDIA/ EGG YOLK/ LIPASE/ MANNITOL/ *STAPHYLOCOCCUS, isolation & purification/ TELLURIUM

72. **Alexander JP:** Problems associated with the use of the knee-chest position for operations on lumbar intervertebral discs.
J Bone Joint Surg [Br] 55:279-84, May 73
ANESTHESIA, INHALATION/ CURARE/ HALOTHANE/ HEMOSTASIS/ HEXAMETHONIUM COMPOUNDS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYPOTENSION, CONTROLLED/ *INTERVERTEBRAL DISK DISPLACEMENT, surgery/ INTUBATION, INTRATRACHEAL, adverse effects/ LACTATES, blood/ *LUMBAR VERTEBRAE, surgery/ METHODS/ NITROUS OXIDE/ OXYGEN/ POSITIVE-PRESSURE RESPIRATION/ POSTOPERATIVE COMPLICATIONS/ POSTURE/ THROMBOPHLEBITIS, etiology

73. **Alexander WC, Leach CS, Fischer CL, et al:** Hematological, biochemical, and immunological studies during a 14-day continuous exposure to 5.2 pe cent O 2 in N 2 at pressure equivalent to 100 FSW (ATA). Aerosp Med 44:850-4, Jul 73
ADAPTATION, PHYSIOLOGICAL/ ALPHA GLOBULIN, analysis/ ATMOSPHERE EXPOSURE CHAMBERS/ *ATMOSPHERIC PRESSURE/ BLOOD CELL COUNT/ BLOOD CELLS/ *BLOOD CHEMICAL ANALYSIS/ *BLOOD PROTEINS, analysis/ DIVING/ ENVIRONMENTAL EXPOSURE/ GLYCOPROTEINS, analysis/ HAPTOGLOBINS, analysis/ HEMATOCRIT/ HEMOGLOBIN, analysis/ HUMAN/ MALE/ *NITROGEN/ *OXYGEN/ SEAWATER/ SERUM ALBUMIN, analysis/ TIME FACTORS/ TRYPSIN INHIBITORS, analysis/ URINE, analysis/ URINE, drug effects

74. **Ali-Zade AM, Saimanov SK, Lemberanskaia SD, et a** Primenenie proteoliticheskikh fermentov pri leche gnoĭno-vospalitel'nykh protsessov u deteĭ.
Vestn Khir 109:133-5, Jan 73 (Ru
ABSCESS, drug therapy/ ADOLESCENCE/ ARTHRITIS, drug therapy/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HUMA OSTEOMYELITIS, drug therapy/ *PEPTIDE HYDROLASES, therapeutic use/ PHLEGMON drug therapy/ PLEURISY, drug therapy/ SUPPURATION, drug therapy

75. **Ali-Zade AM, Saimanov SK, Lemberanskaia SD, et** Primenemie proteoliticheskikh fermentov pri lechenii gnoĭno-vospalitel'nykh protsessov u de
Vestn Khir 110:113-5, Jan 73 (R
*ABSCESS, drug therapy/ ADOLESCENCE/ ARTHRITIS, drug therapy/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HUMA KNEE JOINT, drug effects/ OSTEOMYELITIS, drug therapy/ PEPTIDE HYDROLASES, administration & dosage/ *PEPTIDE HYDROLASES, therapeutic use/ PLEURISY, drug therapy/ TAMPONS

76. **Alibert M, Thuillier M, Gandrille-Oursel MC:** Accide transfusionnels dus au sang infecté.
Bull Mem Soc Chir Paris 62:250-62, 1972 (F
BLOOD, microbiology/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION, adverse effects/ GRAM NEGATIVE BACTERIA, isolation & purification/ HUMA PROGNOSIS/ *SEPTICEMIA, etiology

77. **Alkjaersig N:** Methodology for the control o thrombolytic therapy. J Clin Pathol 25:625-6, Ju
CEREBROVASCULAR DISORDERS, drug therapy/ CHROMATOGRAPHY/ FIBRIN, analysis/ FIBRIN, diagnostic use/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ IODINE ISOTOPES/ METHODS

78. **Allain JP:** Etude de l'activité "in vivo" du facteur ou du facteur IX après injection de différ concentrés: applications pratiques.
Nouv Rev Fr Hematol 12:241-9, Mar-Apr 72 (
ADOLESCENCE/ BLOOD TRANSFUSION/ CHILD/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FACTOR VII/ *FACTOR VIII, analysis/ FACTOR VIII, therapeutic use/ *FACTOR IX, analysis/ FACTOR IX, therapeutic use/ FACTOR X/ FREEZE

DRYING/ FREEZING/ HALF-LIFE/ *HEMOPHILIA, blood/ HEMOPHILIA, drug therapy/ HUMAN/ METHODS/ PERFUSION/ PLASMA SUBSTITUTES/ PRECIPITATION/ PROTHROMBIN/ TIME FACTORS

Allain JP, Frommel D: Antibodies to factor VIII. I. Variations in stability of antigen-antibody complexes in hemophilia A. Blood 42:437-44, Sep 73
*ANTIBODIES/ ANTIBODY DISSOCIATION/ *ANTIGEN-ANTIBODY COMPLEX/ BLOOD COAGULATION TESTS/ CATTLE, immunology/ *FACTOR VIII/ *HEMOPHILIA, immunology/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IMMUNE SERUMS, therapeutic use/ SWINE, immunology/ TEMPERATURE

Allan BJ, Tournut R, White TT: Intraductal activation of pancreatic zymogens behind a carcinoma of the pancreas. Gastroenterology 65:412-8, Sep 73
CARBOXYPEPTIDASES, analysis/ CATTLE/ CHYMOTRYPSIN, analysis/ CHYMOTRYPSINOGEN, analysis/ ENZYME ACTIVATION/ *ENZYME PRECURSORS, metabolism/ HUMAN/ MALE/ MIDDLE AGE/ *PANCREATIC DUCTS, enzymology/ PANCREATIC JUICE, analysis/ *PANCREATIC JUICE, enzymology/ *PANCREATIC NEOPLASMS, enzymology/ PANCREATOPEPTIDASE, analysis/ *PEPTIDE HYDROLASES, metabolism/ PHOSPHOLIPASE, analysis/ PROTEINS, analysis/ TIME FACTORS/ TRYPSIN, analysis/ TRYPSIN INHIBITORS, analysis/ TRYPSINOGEN, analysis

Allan PJ, Tournut R, White TT: Intraductal activation of human pancreatic zymogens.
N Engl J Med 288:266, 1 Feb 73
*CHYMOTRYPSIN, metabolism/ ENZYME ACTIVATION/ HUMAN/ INTUBATION/ *PANCREATIC DUCTS/ *PANCREATIC JUICE, enzymology

Allen BL, Gracy RW, Harris BG: Studies on aldolase from human cardiac tissue.
Arch Biochem Biophys 155:325-31, Apr 73
*ALDOLASE, isolation & purification/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHROMATOGRAPHY/ CHROMATOGRAPHY, THIN LAYER/ ELECTROPHORESIS/ ELECTROPHORESIS, DISK/ FRUCTOSEDIPHOSPHATE ALDOLASE, analysis/ FRUCTOSEDIPHOSPHATE ALDOLASE, isolation & purification/ FRUCTOSEDIPHOSPHATE ALDOLASE, metabolism/ GEL FILTRATION/ HUMAN/ KINETICS/ MOLECULAR WEIGHT/ MYOCARDIAL INFARCT, enzymology/ *MYOCARDIUM, enzymology/ ORGAN SPECIFICITY/ RABBITS/ SODIUM DODECYL SULFATE/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPSIN/ ULTRACENTRIFUGATION

Allen BV: Fibrinolysis in the domestic chicken (Gallus domesticus).
Thromb Diath Haemorrh 27:644-8, 31 Jul 72
ANIMAL EXPERIMENTS/ BUFFERS/ CALCIUM CHLORIDE, pharmacodynamics/ *CHICKENS/ FEMALE/ FIBRIN/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ MALE/ METHODS/ OSMOLAR CONCENTRATION/ SERUM GLOBULINS, analysis/ SERUM GLOBULINS, metabolism

Allen HB, Parlette HL: Coats disease. A condition that may mimic the Sturge-Weber syndrome.
Arch Dermatol 108:413-5, Sep 73
ADULT/ *ANGIOMATOSIS, diagnosis/ ARTERIOVENOUS FISTULA, diagnosis/ ATAXIA TELANGIECTASIA, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ EYE DISEASES, diagnosis/ HUMAN/ MALE/ *MANDIBULAR NERVE/ *MAXILLARY NERVE/ *NEVUS, diagnosis/ RETINAL DEGENERATION, diagnosis/ RETINAL HEMORRHAGE, diagnosis/ RETINAL VESSELS, abnormalities/ *RETINITIS, diagnosis/ SKIN NEOPLASMS, diagnosis/ SYNDROME/ *TELANGIECTASIS, diagnosis

85. Allen PM: Plateletpheresis is an etymologic dud.
N Engl J Med 288:1248, 7 Jun 73
*BLOOD PLATELETS/ *NOMENCLATURE

86. Allen WS, Wardi AH: Pentose-rich glycoprotein from bovine vitreous body. I. Isolation and partial characterization.
Biochim Biophys Acta 297:1-10, 24 Jan 73
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CATTLE/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GALACTOSAMINE, analysis/ GEL FILTRATION/ GLUCOSAMINE, analysis/ GLYCOPROTEINS, analysis/ *GLYCOPROTEINS, isolation & purification/ HYALURONIC ACID, analysis/ HYDROGEN-ION CONCENTRATION/ MUCOPOLYSACCHARIDES, analysis/ *PENTOSES, analysis/ PEPTIDE HYDROLASES/ PROTEINS, analysis/ SPECTROPHOTOMETRY, INFRARED/ SULFURIC ACIDS, analysis/ URONIC ACIDS, analysis/ *VITREOUS BODY, analysis

87. Allenby F, Jeyasingh K, Boardman L: Site of origin of venous thrombi. Lancet 2:199, Jul 73
FIBRINOGEN, diagnostic use/ HUMAN/ *LEG, blood supply/ METHODS/ RADIOISOTOPES/ *THROMBOPHLEBITIS, diagnosis/ THROMBOSIS, diagnosis

88. Al'nikov GP: K voprosu o vliianii formennykh élementov krovi na gemokoaguliatsiiu pri ostrom leĭkoze.
Probl Gematol Pereliv Krovi 18:38-41, Jan 73 (Rus)
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ *ERYTHROCYTES/ FEMALE/ HUMAN/ *LEUKEMIA, blood/ *LEUKOCYTES/ MALE/ MIDDLE AGE/ THROMBELASTOGRAPHY

89. Alonso T: Arterioscleroses fémoro-poplítea. Tratamiento médico.
Angiologia 24:201-5, Sep-Oct 72 (Spa)
ANTICOAGULANTS, therapeutic use/ ARTERIOSCLEROSIS, drug therapy/ *ARTERIOSCLEROSIS, therapy/ DIET THERAPY/ ENGLISH ABSTRACT/ *FEMORAL ARTERY/ HUMAN/ *POPLITEAL ARTERY/ REST/ THROMBOSIS, drug therapy/ *THROMBOSIS, therapy/ VASODILATOR AGENTS, therapeutic use

90. Alper CA: Deficiency of alpha-1 antitrypsin.
Ann Intern Med 78:298-9, Feb 73
GENOTYPE/ HUMAN/ INFANT, NEWBORN, DISEASES, etiology/ LIVER DISEASES, etiology/ LUNG DISEASES, OBSTRUCTIVE, etiology/ *METABOLISM, INBORN ERRORS/ METABOLISM, INBORN ERRORS, complications/ *TRYPSIN INHIBITORS, blood

91. Alper CA, Bloch KJ, Rosen FS: Increased susceptibility to infection in a patient with type II essential hypercatabolism of C3.
N Engl J Med 288:601-6, 22 Mar 73
ADULT/ BLOOD BACTERICIDAL ACTIVITY/ *COMPLEMENT/ COMPLEMENT, antagonists & inhibitors/ COMPLEMENT, biosynthesis/ FEMALE/ HUMAN/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ IMMUNOGLOBULINS, analysis/ *IMMUNOLOGIC DEFICIENCY SYNDROMES/ IMMUNOLOGIC DEFICIENCY SYNDROMES, complications/ *INFECTION, immunology/ IODINE ISOTOPES/ LIPODYSTROPHY, complications/ PEPTIDE HYDROLASES, blood/ PHAGOCYTOSIS/ PROPERDIN, analysis

92. Alper CA, Rosen FS, Lachmann PJ: Inactivator of the third component of complement as an inhibitor in the properdin pathway.
Proc Natl Acad Sci USA 69:2910-3, Oct 72

ADULT/ ANTIBODY SPECIFICITY/ ANTIGEN-ANTIBODY REACTIONS/ COMPLEMENT/ *COMPLEMENT, antagonists & inhibitors/ FEMALE/ GEL FILTRATION/ GLYCINE/ GLYCINE, blood/ GLYCOPROTEINS/ GLYCOPROTEINS, blood/ HOMOZYGOTE/ HUMAN/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ IMMUNOLOGIC DISEASES, blood/ IMMUNOLOGIC DISEASES, familial & genetic/ MALE/ *PEPTIDE HYDROLASES, blood/ PHAGOCYTOSIS/ *PROPERDIN, metabolism/ PROTEIN PRECURSORS/ RABBITS, immunology

93. **Alper MH, Roaf ER:** Anesthetic management of the high-risk pregnancy.
Clin Obstet Gynecol 16:347-60, Mar 73
ANESTHESIA, CONDUCTION/ *ANESTHESIA, OBSTETRICAL/ ANESTHESIA, SPINAL/ CARDIAC OUTPUT/ CESAREAN SECTION/ DELIVERY/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ ECLAMPSIA, drug therapy/ FEMALE/ FETAL DEATH, prevention & control/ HEMORRHAGE, drug therapy/ HUMAN/ INFANT MORTALITY/ INFANT, NEWBORN/ MAGNESIUM SULFATE, therapeutic use/ METHODS/ PATIENT CARE TEAM/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR, drug therapy/ PREGNANCY TOXEMIAS, drug therapy

94. **Alperovich BG, Galil-Ogly GA, Poroshin KK, et al:** O gemmangiome kozhi.
Vestn Dermatol Venerol 46:64-7, Nov 72 (Rus)
AGED/ ENGLISH ABSTRACT/ HEMANGIOMA, pathology/ HUMAN/ MALE/ *SKIN NEOPLASMS, pathology

95. **Altay C, Fagerhol MK, Erdogan N, et al:** Additional evidence for a deleted gene for serum alpha-1-antitrypsin. N Engl J Med 289:754, 4 Oct 73
FEMALE/ *GENES/ GENES, DOMINANT/ GENOTYPE/ HOMOZYGOTE/ HUMAN/ MALE/ *METABOLISM, INBORN ERRORS, familial & genetic/ PEDIGREE/ PHENOTYPE/ TRYPSIN INHIBITORS, blood/ *TRYPSIN INHIBITORS, metabolism

96. **Altay C, Saraclar Y, Say B, et al:** Serum alpha 1-antitrypsin in allergic respiratory disorders.
Ann Allergy 31:420-2, Sep 73
ADOLESCENCE/ ADULT/ *ASTHMA, diagnosis/ *BRONCHITIS, diagnosis/ *HAY FEVER, diagnosis/ HUMAN/ IMMUNOCHEMISTRY/ MIDDLE AGE/ *TRYPSIN INHIBITORS, blood

97. **Altemeyer KH, Burgdorf A, Lucadu I von, et al:** Zum funktionellen Verhalten der Thrombocyten im Kindesalter.
Z Kinderheilkd 113:257-87, 1972 (Ger)
ADOLESCENCE/ ADULT/ AGE FACTORS/ BIRTH WEIGHT/ BLOOD CELL COUNT/ BLOOD COAGULATION/ *BLOOD PLATELETS/ CHILD/ CHILD, PRESCHOOL/ CLOT RETRACTION/ ENGLISH ABSTRACT/ HUMAN/ INFANT/ INFANT, NEWBORN/ OSMOTIC FRAGILITY/ PLATELET ADHESIVENESS/ THROMBELASTOGRAPHY/ TIME FACTORS

98. **Altenburg LC, Getz MJ, Crain WR, et al:** 125 I-labeled DNA-RNA hybrids in cytological preparations.
Proc Natl Acad Sci USA 70:1536-9, May 73
AUTORADIOGRAPHY/ CHROMOSOMES/ GEL FILTRATION/ HUMAN/ IODINE ISOTOPES/ ISOTOPE LABELING/ MITOSIS/ *NUCLEIC ACID HYBRIDIZATION/ PLACENTA/ RNA, biosynthesis/ RNA, isolation & purification/ RNA POLYMERASE, metabolism/ TRITIUM/ TRYPSIN, pharmacodynamics

99. **Alth G, Denck H, Fischer M, et al:** Aspects of the immunologic treatment of lung cancer.
Cancer Chemother Rep [Suppl] 4:Suppl 4:271-4, Mar 73
ADENOCARCINOMA, immunology/ CARCINOMA, immunology/ CARCINOMA, BRONCHOGENIC, drug therapy/ CARCINOMA, BRONCHOGENIC, immunology/ *CARCINOMA, BRONCHOGENIC, therapy/ HUMAN/ *IMMUNOTHERAPY/ LUNG NEOPLASMS, drug therapy/ LUNG NEOPLASMS, immunology/ *LUNG NEOPLASMS, therapy/ PEPTIDE HYDROLASES, therapeutic use/ PROGNOSIS/ TIME FACTORS

100. **Altman R, Rouvier J, Reussi C:** Influence of factor VI on the assay of factor VIII by the one stage metho using wettable surface.
Thromb Diath Haemorrh 28:457-63, 31 Dec 72
BLOOD COAGULATION, drug effects/ *BLOOD COAGULATION TESTS/ BLOOD PLATELETS, metabolism/ CATTLE/ FACTOR V/ FACTOR VII, analysis/ *FACTOR VII, metabolism/ *FACTOR VIII, analysis/ FACTO XI/ FACTOR XII/ HUMAN/ KAOLIN/ THROMBIN, pharmacodynamics/ THROMBOPLASTIN

101. **Altmann P, Spona J:** Variations of luteinizing hormon (LH) and blood platelets levels and preovulator changes in vagina and cervix during the ovulator cycle. Endocrinol Exp (Bratisl) 7:137-40, 1973
BLOOD CELL COUNT/ *BLOOD PLATELETS CERVIX MUCUS/ CLOMIPHENE, pharmacodynamics/ FEMALE/ HUMAN/ *LH, blood/ MENSTRUATION/ *OVULATION/ RADIOIMMUNOASSAY/ *VAGINA, cytology/ VAGINAL SMEARS

102. **Altshuler G, McAdams AJ:** The role of the placenta fetal and perinatal pathology. Highlights of an eig months' study.
Am J Obstet Gynecol 113:616-26, 1 Jul 72
*ABNORMALITIES, etiology/ *ABORTION, etiology/ ANENCEPHALUS, etiology/ AUTOPSY/ *DISEASES IN TWINS/ DWARFISM, etiology/ ESCHERICHIA COLI INFECTIONS, pathology/ FEMALE/ FETAL DEATH, etiology/ GESTATIONAL AGE/ HEMANGIOMA, pathology/ HUMAN/ HYDROCEPHALUS, etiology/ INFANT MORTALITY/ INFANT, NEWBORN/ *LABO PREMATURE, etiology/ LEUKOCYTES/ LYMPHOCYTES/ MALE/ *PLACENTA, pathology/ PLACENTA DISORDERS/ *PLACENTA DISORDERS, complications/ PREGNANCY/ SYPHILIS, pathology/ UMBILICAL ARTERIES, abnormalities

103. **Altshuler TL, Altshuler JH:** Blood clotting time clotting strength measured by a hemotensiomet
IEEE Trans Biomed Eng 20:152-4, Mar 73
*BLOOD COAGULATION TESTS/ *BLOOD COAGULATION TESTS, instrumentation/ *HEMOSTASIS, instrumentation/ HUMAN

104. **Altunkov P:** Kum sushtnostta i lechenieto na priapiz
Khirurgiia (Sofiia) 25:413-6, 1972 (B
ENGLISH ABSTRACT/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ INJECTIONS/ MALE/ MIDDLE AGE/ *PRIAPISM, drug therapy

105. **Alvarez-Cordero R, Iporre Reyes E, Guerrero Ale M, et al:** Evaluation of polyglycolic acid suture vascular surgery. J Surg Res 15:35-44, Jul
ACID PHOSPHATASE/ ADENOSINE TRIPHOSPHATASE/ ADHESIONS/ ALKALI PHOSPHATASE/ ANIMAL EXPERIMENTS/ BLOOD VESSELS, pathology/ CICATRIX/ DOGS/ FIBROBLASTS/ HISTOCYTOCHEMISTRY/ INFLAMMATION PERITONEUM/ *POLYGLYCOLIC ACID/ POSTOPERATIVE COMPLICATIONS/ STAI AND STAINING/ *SUTURES/ TIME FACTORS/ *VASCULAR SURGERY/ VENA CAVA, INFERIOR, pathology/ VENA CAVA INFERIOR, surgery

106. **Amacher AL, Allcock JM, Drake CG:** Cereb angiomas: the sequelae of surgical treatme
J Neurosurg 37:571-5, Nov 72
ADOLESCENCE/ ADULT/ BRAIN NEOPLASMS, complications/ *BRAIN NEOPLASMS, surgery/ CEREBRAL

ANGIOGRAPHY/ CEREBRAL HEMORRHAGE, etiology/ CONVULSIONS, etiology/ FEMALE/ FOLLOW-UP STUDIES/ HEADACHE, etiology/ HEMANGIOMA, complications/ HEMANGIOMA, surgery/ HUMAN/ MALE/ POSTOPERATIVE COMPLICATIONS/ PROGNOSIS/ SUBARACHNOID HEMORRHAGE, etiology

107. **Amagase S:** Digestive enzymes in insectivorous plants. 3. Acid proteases in the genus Nepenthes and Drosera peltata. J Biochem (Tokyo) 72:73-81, Jul 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BINDING SITES/ CHLOROMERCURIBENZOATES/ ELECTROPHORESIS, PAPER/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HEAT/ HYDROGEN-ION CONCENTRATION/ ISOFLUROPHATE/ *PEPTIDE HYDROLASES, isolation & purification/ *PLANTS, enzymology

108. **Amagase S, Mori M, Nakayama S:** Digestive enzymes in insectivorous plants. IV. Enzymatic digestion of insects by Nepenthes secretion and Drosera peltata extract: proteolytic and chitinolytic activities. J Biochem (Tokyo) 72:765-7, Sep 72
ANIMAL EXPERIMENTS/ CHITIN/ *DEXTRANASE/ *INSECTS/ *PEPTIDE HYDROLASES/ *PLANTS, enzymology

109. **Amann E, Grunert V, Mostbeck A, et al:** Die Gehirndurchblutung beim schweren gedeckten Schädel-Hirn-Trauma (Langzeitbeobachtungen) und beim a.v. Hämangiom. Nucl Med (Stuttg) 9:988-92, 1971 (Ger)
ADOLESCENCE/ ADULT/ *BRAIN INJURIES, ACUTE, diagnosis/ CEREBRAL ARTERIOVENOUS MALFORMATIONS, diagnosis/ *CEREBROVASCULAR CIRCULATION/ *CEREBROVASCULAR DISORDERS, diagnosis/ CHILD/ FEMALE/ *HEMANGIOMA, diagnosis/ HUMAN/ MALE/ MIDDLE AGE/ PROGNOSIS/ *RADIOISOTOPE SCANNING/ SERUM ALBUMIN, RADIO-IODINATED, diagnostic use/ XENON, diagnostic use

110. **Ambler RP, Wynn M:** The amino acid sequences of cytochromes c-551 from three species of Pseudomonas. Biochem J 131:485-98, Mar 73
ACETONE/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AMMONIUM SULFATE/ BACTERIAL PROTEINS, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ CYANOGEN BROMIDE/ *CYTOCHROME C, analysis/ CYTOCHROME C, isolation & purification/ ELECTROPHORESIS, STARCH GEL/ EVALUATION STUDIES/ FORMIC ACIDS/ GEL FILTRATION/ HEME/ HYDROGEN-ION CONCENTRATION/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ *PSEUDOMONAS, analysis/ PSEUDOMONAS, growth & development/ PSEUDOMONAS AERUGINOSA, analysis/ PSEUDOMONAS FLUORESCENS, analysis/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY/ THERMOLYSIN/ TRYPSIN

111. **Ambre JJ, Fischer LJ:** Effect of coadministration of aluminum and magnesium hydroxides on absorption of anticoagulants in man. Clin Pharmacol Ther 14:231-7, Mar-Apr 73
ADULT/ *ALUMINUM HYDROXIDE GEL, pharmacodynamics/ *BISHYDROXYCOUMARIN, blood/ DRUG INTERACTIONS/ HUMAN/ *INTESTINAL ABSORPTION, drug effects/ *MAGNESIUM, pharmacodynamics/ MALE/ *WARFARIN, blood

112. **Ambrus CM, Ambrus JL, Roholt OA, et al:** Insolubilized activators of the fibrinolysin system. In vitro studies. J Med (Basel) 3:270-81, 1972
ENZYME ACTIVATION/ *FIBRINOLYSIN/ *FIBRINOLYTIC AGENTS, pharmacodynamics/ HUMAN/ HYDRAZINES/ HYDROLYSIS/ IN VITRO/ *PLASMINOGEN/ SOLUBILITY/ *STREPTOKINASE, pharmacodynamics

113. **Ambrus MS, Ambrus JL:** Comparative study on the effect of mast cell disintegrating agents on clearing factor lipase activity in various species and sexes. Res Commun Chem Pathol Pharmacol 4:449-56, Sep 72
AMINES, administration & dosage/ *AMINES, pharmacodynamics/ ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ COMPOUND 48-80, administration & dosage/ *COMPOUND 48-80, pharmacodynamics/ DOGS/ ENZYME ACTIVATION, drug effects/ FEMALE/ HEPARIN, pharmacodynamics/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, INTRAVENOUS/ LIPASE, blood/ *LIPASE, metabolism/ MALE/ MAST CELLS, drug effects/ *MAST CELLS, enzymology/ MICE/ MICE, INBRED ICR/ RABBITS/ RATS/ SEX FACTORS/ SPECIES SPECIFICITY/ STIMULATION, CHEMICAL

114. **Ament ME:** Malabsorption syndromes in infancy and childhood. I. J Pediatr 81:685-97, Oct 72
CASEIN/ CHILD, PRESCHOOL/ CHLORIDES, metabolism/ DIARRHEA/ DIETARY CARBOHYDRATES, metabolism/ DIETARY FATS, metabolism/ FECES, analysis/ GALACTOSE/ GLUCOSE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYPERSENSITIVITY, complications/ IMMUNOLOGIC DEFICIENCY SYNDROMES, complications/ INFANT/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES/ INTESTINAL DISEASES, PARASITIC, complications/ INTESTINES, enzymology/ LACTOSE INTOLERANCE/ *MALABSORPTION SYNDROMES/ MALABSORPTION SYNDROMES, etiology/ METABOLISM, INBORN ERRORS, complications/ PEPTIDE PEPTIDOHYDROLASES/ REVIEW/ SUCRASE

115. **Amer MS, Mayol RF:** Studies with phosphodiesterase. 3. Two forms of the enzyme from human blood platelets. Biochim Biophys Acta 309:149-56, 5 May 73
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ BLOOD PLATELETS, analysis/ *BLOOD PLATELETS, enzymology/ CALCIUM, pharmacodynamics/ CELL MEMBRANE, enzymology/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, DEAE-CELLULOSE/ EDTA, pharmacodynamics/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE/ HUMAN/ *ISOENZYMES, analysis/ KINETICS/ MAGNESIUM, pharmacodynamics/ PHOSPHODIESTERASES, analysis/ *PHOSPHODIESTERASES, blood/ PHOSPHODIESTERASES, isolation & purification

116. **Amery AH, Pegrum GD, Risdon RA, et al:** Nature of hyperacute (accelerated second set) rejection in dog renal allografts and effects of heparin on rejection process. Br Med J 1:455-8, 24 Feb 73
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ DOGS/ *GRAFT REJECTION, drug effects/ HEMAGGLUTINATION TESTS/ *HEPARIN, pharmacodynamics/ KIDNEY, pathology/ *KIDNEY, transplantation/ KIDNEY GLOMERULUS, pathology/ KIDNEY TUBULES, pathology/ LEUKOCYTES/ LYMPHOCYTES, immunology/ SKIN, transplantation/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS

117. **Amir J:** [Disseminated intravascular coagulation] Harefuah 83:29-32, 2 Jul 72 (20 ref.) (Heb)
*BLOOD COAGULATION FACTORS/ BLOOD PLATELET DISORDERS, diagnosis/ *DISSEMINATED INTRAVASCULAR COAGULATION, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ FACTOR V, physiology/ FACTOR VII, physiology/ FACTOR VIII, physiology/ FACTOR IX, physiology/ FACTOR X, physiology/ FACTOR XII, physiology/ FACTOR XIII, physiology/ FIBRIN, physiology/ FIBRINOGEN, physiology/ FIBRINOLYSIN, physiology/ FIBRINOLYTIC AGENTS, pharmacodynamics/ HEPARIN, therapeutic use/ HUMAN/ PLASMINOGEN,

physiology/ PROTHROMBIN, physiology/ REVIEW/ THROMBIN, antagonists & inhibitors/ THROMBIN, biosynthesis/ THROMBOPLASTIN, physiology

118. **Amir J, Krauss S:** Treatment of thrombotic thrombocytopenic purpura with antiplatelet drugs.
Blood 42:27-33, Jul 73
ADOLESCENCE/ *ASPIRIN, administration & dosage/ *ASPIRIN, therapeutic use/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CELL AGGREGATION/ DIPYRIDAMOLE, administration & dosage/ *DIPYRIDAMOLE, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ FEMALE/ FIBRIN, metabolism/ HEMATOCRIT/ HEPARIN, therapeutic use/ HUMAN/ HYDROCORTISONE, therapeutic use/ *PURPURA, THROMBOTIC THROMBOPENIC, drug therapy/ PURPURA, THROMBOTIC THROMBOPENIC, pathology/ PURPURA, THROMBOTIC THROMBOPENIC, surgery/ REMISSION/ RETICULOCYTES/ SPLEEN, pathology/ SPLENECTOMY

119. **Amir J, Ratnoff OD, Pensky J:** Partial purification and some properties of a plasma inhibitor of activated plasma thromboplastin antecedent (factor XI).
J Lab Clin Med 80:786-802, Dec 72
CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, ION EXCHANGE/ COMPLEMENT/ ELECTROPHORESIS, DISK/ ESTERASES/ *FACTOR XI, antagonists & inhibitors/ HUMAN/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ METHODS/ MOLECULAR WEIGHT/ RABBITS, immunology/ TEMPERATURE/ TIME FACTORS

120. **Amirov NSh, Fernandez-Costa J:** Izmenenlia proteoliticheskoi aktivnosti zheludochnogo soko pri eksperimental'noi iazve u sobak.
Patol Fiziol Eksp Ter 17:80-3, Mar-Apr 73 (Rus)
ANIMAL EXPERIMENTS/ CINCHOPHEN, pharmacodynamics/ DOGS/ ENGLISH ABSTRACT/ *GASTRIC JUICE, enzymology/ HYDROGEN-ION CONCENTRATION/ PEPTIDE HYDROLASES, analysis/ STOMACH ULCER, chemically induced/ *STOMACH ULCER, enzymology

121. **Arnold M, Hofrichter G:** Kanndie lokale Medikation die Resorption von Hämatomen fördern.
Fortschr Med 91:346-50, 15 Mar 73 (Ger)
ANIMAL EXPERIMENTS/ DRUG COMBINATIONS/ GELS/ GUINEA PIGS/ *HEMATOMA, drug therapy/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ MALE/ *MENTHOL, administration & dosage/ MENTHOL, therapeutic use/ PLACEBOS/ RATS/ *SALICYLATES, administration & dosage/ SALICYLATES, therapeutic use/ SKIN, blood supply/ *SKIN DISEASES, drug therapy

122. **Amosov VV, Bluvshtein GM:**
Differentsial'no-diagnosticheskaia tsennost' nizhneĭ granitsy slukha i ee smeshchenie posle slukhouluchshaiushchikh operatsiĭ.
Zh Ushn Nos Gorl Bolezn 32:56-62, Jul-Aug 72 (Rus)
ADHESIONS, diagnosis/ ADULT/ AUDITORY PERCEPTION/ *COCHLEAR NERVE, surgery/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HEARING/ HEARING DISORDERS, diagnosis/ HUMAN/ *NEURITIS, surgery/ OTOSCLEROSIS, surgery

123. **Amouroux J, Adotti F:** Lésions articulaires de l'hémophilie. Essai d'histogénèse.
Sem Hop Paris 49:955-62, 14 Mar 73 (Fre)
ADOLESCENCE/ ADULT/ AUTOPSY/ CARTILAGE, ARTICULAR, metabolism/ CHILD/ CHRISTMAS DISEASE, complications/ ELBOW, metabolism/ ELBOW JOINT/ ENGLISH ABSTRACT/ *HEMARTHROSIS, etiology/ HEMARTHROSIS, metabolism/ HEMARTHROSIS, pathology/ *HEMOPHILIA, complications/ HEMOPHILIA, pathology/ HISTOCYTOCHEMISTRY/ HUMAN/ KNEE, metabolism/ KNEE JOINT/ MALE/ STAINS AND STAINING/ SYNOVIAL MEMBRANE, metabolism

124. **Amundsen E:** Histamine release during experimental acute haemorrhagic pancreatitis in dogs.
Ann Chir Gynaecol Fenn 61:251-3, 1972
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ ANTIHISTAMINICS/ BLOOD PRESSURE/ DOGS/ *HISTAMINE, metabolism/ *HISTAMINE LIBERATION/ KALLIKREIN, metabolism/ PANCREAS, enzymology/ *PANCREAS, metabolism/ PANCREATIC JUICE, enzymology/ PANCREATIC JUICE, metabolism/ PANCREATITIS, enzymology/ *PANCREATITIS, metabolism/ PHOSPHOLIPASE, metabolism/ TRYPSIN, metabolism

125. **Amundsen E:** The use of protease inhibitors during acute haemorrhagic pancreatitis. Experimental findings and clinical implications.
Ann Chir Gynaecol Fenn 61:284-7, 1972
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ DOGS/ HUMAN/ INJECTIONS, INTRAVENOUS/ KALLIKREIN, blood/ KALLIKREIN, metabolism/ KALLIKREIN-TRYPSIN INACTIVATOR, administration & dosage/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ KININOGENS, metabolism/ KININS, blood/ PANCREAS, enzymology/ PANCREAS, metabolism/ PANCREATITIS, blood/ *PANCREATITIS, drug therapy/ PANCREATITIS, enzymology/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ PROTEIN PRECURSORS

126. **Anai M, Lai CY, Horecker BL:** The pyridoxal phosphate-binding site of rabbit muscle aldolase
Arch Biochem Biophys 156:712-9, Jun 73
*ALDOLASE/ ALDOLASE, analysis/ ALDOLASE, antagonists & inhibitors/ ALKYLATION/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BINDING SITES/ BOROHYDRIDES/ CHROMATOGRAPHY, ION EXCHANGE/ CYANOGEN BROMIDE/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ HYDRAZINES/ LYSINE/ *MUSCLES, enzymology/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PROTEIN BINDING/ *PYRIDOXAL PHOSPHATE/ RABBITS/ SCHIFF BASES/ THERMOLYSIN/ THIOCYANATES/ TRITIUM/ TRYPSIN

127. **Andersen O, Tissot R, Cohen C, et al:** Platelet survival in rabbits to detect hyperacute rejection.
J Surg Res 14:193-9, Mar 73
ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ *BLOOD PLATELETS, immunology/ CELL SURVIVAL/ CHROMIUM ISOTOPES/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ *GRAFT REJECTION/ HISTOCOMPATIBILITY ANTIGENS/ IMMUNIZATION/ IMMUNOSUPPRESSION/ INJECTIONS, INTRAVENOUS/ KIDNEY, transplantation/ LEUKOCYTES, immunology/ MERCAPTOPURINE, administration & dosage/ RABBITS/ SKIN, transplantation/ TRANSPLANTATION, HOMOLOGOUS

128. **Andersen OS, Tissot RG, Cohen C, et al:** Platelet survival test. An accurate prediction of hyperacute rejection of renal allografts in rabbits.
Transplantation 15:105-10, Jan 73
ANIMAL EXPERIMENTS/ ANTIBODIES/ ANTIGEN-ANTIBODY COMPLEX/ ANTIGEN-ANTIBODY REACTIONS/ *BLOOD PLATELETS, immunology/ CELL SURVIVAL/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ EVALUATION STUDIES/ FIBRIN/ *GRAFT REJECTION/ IMMUNIZATION/ *KIDNEY, transplantation/ KIDNEY CORTEX, pathology/ KIDNEY CORTEX NECROSIS, pathology/ LYMPHOCYTES, immunology/ RABBITS/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY

129. **Andersen OS, Tissot RG, Cohen C, et al:** Platelet survival test. A method to detect preimmunization in rabbits. Transplantation 15:101-10, Jan 73
ANIMAL EXPERIMENTS/ ANTIBODIES/ ANTIBODY FORMATION/ BLOOD CIRCULATION/ *BLOOD PLATELETS, immunology/ CELL SURVIVAL/ CHROMIUM ISOTOPES/ *CYTOTOXICITY TESTS, IMMUNOLOGIC/ GRAFT REJECTION/ HISTOCOMPATIBILITY TESTING/ IMMUNIZATION/ LYMPHOCYTES, immunology/ MATHEMATICS/ RABBITS/ SKIN, transplantation/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY

130. **Andersen RB, Gormsen J, Petersen PH:** Protease activity in synovial tissue extracts.
Scand J Rheumatol 1:75-9, 1972
ADOLESCENCE/ ADULT/ AGED/ ALBUMINS, metabolism/ *ARTHRITIS, enzymology/ *ARTHRITIS, RHEUMATOID, enzymology/ BLOOD SEDIMENTATION/ CASEIN, metabolism/ CATHEPSIN, pharmacodynamics/ FEMALE/ FIBRINOGEN, metabolism/ FIBRINOLYSIN, pharmacodynamics/ FIBRINOLYSIS/ HEMOGLOBIN, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IMMUNOELECTROPHORESIS/ MALE/ MIDDLE AGE/ *PEPTIDE HYDROLASES, metabolism/ SEMILUNAR CARTILAGES, surgery/ SYNOVIAL FLUID, metabolism/ *SYNOVIAL MEMBRANE, enzymology/ SYNOVIAL MEMBRANE, surgery

131. **Andersen S, Nielsen R:** Pathology of isoimmune purpura thrombocytopenica in piglets.
Nord Vet Med 25:211-9, Apr-May 73
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BLOOD CELL COUNT/ BLOOD PLATELETS/ HEMORRHAGIC DIATHESIS/ *ISOANTIBODIES/ PARITY/ PURPURA, THROMBOPENIC, complications/ PURPURA, THROMBOPENIC, etiology/ PURPURA, THROMBOPENIC, mortality/ *PURPURA, THROMBOPENIC, pathology/ *PURPURA, THROMBOPENIC, veterinary/ *SWINE DISEASES, pathology

132. **Anderson GG, Hobbins JC, Rajkovic V, et al:** Midtrimester abortion using intraamniotic prostaglandin F2alpha.
Prostaglandins 1:147-55, Feb 72
ABORTION, INDUCED/ ADULT/ AMNIOTIC FLUID/ BLOOD CELL COUNT/ BLOOD COAGULATION, drug effects/ CURETTAGE/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ HUMAN/ HYPERTONIC SOLUTIONS/ MUSCLE CONTRACTION, drug effects/ OXYTOCIN, therapeutic use/ PREGNANCY/ PROSTAGLANDINS, administration & dosage/ PROSTAGLANDINS, adverse effects/ PROSTAGLANDINS, blood/ PROSTAGLANDINS, therapeutic use/ RADIOIMMUNOASSAY/ SODIUM CHLORIDE/ SPECIAL LIST REPRODUCTION/ TIME FACTORS/ UTERUS, drug effects

133. **Anderson GG, Hobbins JC, Rajkovic V, et al:** Midtrimester abortion using intra-amniotic prostaglandin F2 alpha with intravenous Syntocinon.
J Reprod Med 9:434-6, Dec 72
*ABORTION, THERAPEUTIC/ AMNIOTIC FLUID/ BLOOD CELL COUNT/ BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, analysis/ DRUG SYNERGISM/ FEMALE/ FIBRINOGEN, analysis/ GESTATIONAL AGE/ HEMATOCRIT/ HUMAN/ INJECTIONS, INTRAVENOUS/ MUSCLE CONTRACTION, drug effects/ *OXYTOCIN/ OXYTOCIN, administration & dosage/ OXYTOCIN, adverse effects/ PREGNANCY/ *PROSTAGLANDINS, administration & dosage/ PROSTAGLANDINS, adverse effects/ PROTHROMBIN TIME/ UTERUS, drug effects

134. **Anderson JC, Ewan PW, Compston ND:** Haemorrhage and fever in the Munchausen syndrome.
Postgrad Med J 48:445-7, Jul 72
ADULT/ BLOODLETTING/ EPISTAXIS, etiology/ FEMALE/ *FEVER, etiology/ FEVER OF UNKNOWN ORIGIN/ *HEMORRHAGE, GASTROINTESTINAL, etiology/ HEPARIN/ HUMAN/ *MUNCHAUSEN SYNDROME

135. **Anderson M, Floyd M, Wardle EN:** Study of the rat glomerular basement membrane and chemical modifications in relation to its reactivity to platelets and binding of nephrotic antibody.
Clin Sci 44:5P passim, Feb 73
ANIMAL EXPERIMENTS/ *ANTIBODIES/ BASEMENT MEMBRANE, immunology/ *BINDING SITES, ANTIBODY/ *BLOOD PLATELETS, immunology/ FACTOR XII/ IMMUNE SERUMS/ *KIDNEY GLOMERULUS, immunology/ RATS

136. **Anderson PJ, Gibson D:** The amino acid sequence of the N-terminal region of aldolase.
Can J Biochem 51:514-9, May 73
*ALDOLASE, analysis/ ALKYLATION/ AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, PAPER/ CYANOGEN BROMIDE/ DANSYL COMPOUNDS/ ELECTROPHORESIS, PAPER/ FISHES/ FRUCTOSEDIPHOSPHATE ALDOLASE, analysis/ GEL FILTRATION/ *MUSCLES, enzymology/ PANCREATOPEPTIDASE/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ RABBITS/ SPECIES SPECIFICITY/ THIOCYANATES/ TRYPSIN

137. **Anderson TW:** Nutritional muscular dystrophy and human myocardial infarction.
Lancet 2:298-302, 11 Aug 73
ANTIOXIDANTS/ ARTERIOSCLEROSIS, mortality/ ARTERIOSCLEROSIS, prevention & control/ DIET, ATHEROGENIC/ ETHNIC GROUPS/ FATTY ACIDS, UNSATURATED, adverse effects/ FATTY ACIDS, UNSATURATED, metabolism/ FEMALE/ HUMAN/ LIPIDS, metabolism/ MALE/ MIDDLE AGE/ *MUSCULAR DYSTROPHY, etiology/ *MYOCARDIAL INFARCT, etiology/ MYOCARDIAL INFARCT, mortality/ MYOCARDIAL INFARCT, prevention & control/ MYOCARDIUM, metabolism/ *NUTRITION/ PEROXIDES, metabolism/ SEX FACTORS/ SEX RATIO

138. **Andersson A, Bergdahl L:** Intramural hematoma of the duodenum in children: review of literature and report of two cases. Am Surg 39:402-5, Jul 73
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ *DUODENAL DISEASES/ DUODENAL DISEASES, radiography/ *HEMATOMA/ HEMATOMA, radiography/ HUMAN/ INFANT/ MALE

139. **Andes WA, Beltran G, Stuckey WJ:** Pseudotumor in a patient with factor IX deficiency.
South Med J 66:905-8, Aug 73
ADULT/ BLOOD COAGULATION FACTORS, therapeutic use/ *BONE CYST, etiology/ BONE CYST, surgery/ *CHRISTMAS DISEASE, complications/ CHRISTMAS DISEASE, drug therapy/ FACTOR VII, therapeutic use/ FACTOR IX, therapeutic use/ FACTOR X, therapeutic use/ FEMUR, radiography/ HALF-LIFE/ HEMARTHROSIS, diagnosis/ HUMAN/ MALE

140. **Ando Y, Steiner M:** Sulfhydryl and disulfide groups of platelet membranes. I. Determination of sulfhydryl groups. Biochim Biophys Acta 311:26-37, 7 Jun 73
BENZOATES/ BINDING SITES/ *BLOOD PLATELETS, analysis/ BLOOD PLATELETS, cytology/ *CELL MEMBRANE, analysis/ CENTRIFUGATION, DENSITY GRADIENT/ CHLOROMERCURIBENZOATES/ HUMAN/ KINETICS/ MALE/ MERCURY ISOTOPES/ METHODS/ NICOTINIC ACID/ NITRO COMPOUNDS/ PHOSPHOLIPASE/ PROTEIN BINDING/ SODIUM DODECYL SULFATE/ SOLUBILITY/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *SULFHYDRYL COMPOUNDS, blood/ TIME FACTORS/ UREA

141. **Ando Y, Steiner M:** Sulfhydryl and disulfide groups of platelet membranes. II. Determination of disulfide groups. Biochim Biophys Acta 311:38-44, 7 Jun 73
BENZOATES/ *BLOOD PLATELETS, analysis/ BLOOD PLATELETS, cytology/ *CELL MEMBRANE, analysis/ CHLOROMERCURIBENZOATES/ *DISULFIDES, blood/ DITHIOTHREITOL/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MALE/ MERCURY ISOTOPES/ METHODS/ NITRO COMPOUNDS/ SPECTROPHOTOMETRY/ TIME FACTORS/ UREA

142. **Andrade JD:** Interfacial phenomena and biomaterials. Med Instrum 7:110-9, Mar-Apr 73 (77 ref.)
ADHESIVENESS/ ADSORPTION/ ALBUMINS/ ANIMAL EXPERIMENTS/ *BIOCOMPATIBLE MATERIALS/ BIOPHYSICS/ BLOOD COAGULATION/ CELL ADHESION/ FOREIGN BODY REACTION/ GASES/ GOLD/ MACROMOLECULAR SYSTEMS/ MATHEMATICS/ MODELS, BIOLOGICAL/ POLYMERS/ POLYTETRAFLUOROETHYLENE/ PROTEINS/ REVIEW/ SURFACE PROPERTIES/ SURFACE TENSION/ TIME FACTORS/ WATER

143. **Andrade JD, Lee HB, Jhon MS, et al:** Water as a biomaterial.
Trans Am Soc Artif Intern Organs 19:1-7, 1973 (72 ref.)
ADHESIVENESS/ ANIMAL EXPERIMENTS/ *BIOCOMPATIBLE MATERIALS/ BIOPHYSICS/ BLOOD PLATELETS/ CALCIUM/ CARBOHYDRATES/ CELL MEMBRANE/ ENDOTHELIUM, cytology/ ERYTHROCYTES/ GELS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ PLASMA/ PLATELET ADHESIVENESS/ REVIEW/ SURFACE PROPERTIES/ SURFACE TENSION/ *WATER

144. **Andrassy K, Ritz E, Hahn G, et al:** Hypercoagulabilität bei Hämodialyseatienten (Diagnostik und Therapie.
Verh Dtsch Ges Inn Med 77:684-9, 1971 (Ger)
*ASPIRIN, therapeutic use/ *BLOOD COAGULATION DISORDERS, prevention & control/ BLOOD COAGULATION FACTORS, analysis/ HEMODIALYSIS/ HUMAN/ PLATELET ADHESIVENESS, drug effects/ *UREMIA, complications

145. **Andrassy K, Seidel D, Buchholz L, et al:** Urokinase; proteinchemische und fibrinautographische Untersuchungen.
Verh Dtsch Ges Inn Med 78:1460-2, 1972 (Ger)
CHROMATOGRAPHY/ ELECTROPHORESIS/ *FIBRINOLYTIC AGENTS, analysis/ HUMAN

146. **Andreenko GV, Altukhova SN:** O metode opredeleniia aktivnosti XIII faktora. Lab Delo 11:656-8, 1972 (Rus)
*FACTOR XIII, analysis/ HUMAN/ METHODS

147. **Andreenko GV, Bazaz'ian GG, Liutova LV, et al:** Vliianie vitamina B-15 na uroven' kholesterina i funktsional'noe sostoianie protivosvertyvaiushcheĭ sistemy krovi zhivotnykh.
Kardiologiia 12:40-5, Dec 72 (Rus)
ANIMAL EXPERIMENTS/ ANTIFIBRINOLYTIC AGENTS, blood/ ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, chemically induced/ *ARTERIOSCLEROSIS, prevention & control/ *BLOOD COAGULATION/ CHOLESTEROL, blood/ DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ FIBRINOGEN, blood/ FIBRINOLYSIS/ HEPARIN/ HYPERCHOLESTEREMIA, blood/ HYPERCHOLESTEREMIA, chemically induced/ *HYPERCHOLESTEREMIA, prevention & control/ KINETICS/ MALE/ PLASMA/ RATS/ THROMBOPLASTIN, blood/ TIME FACTORS/ *VITAMIN B COMPLEX, therapeutic use

148. **Andreenko GV, Lavrova LA:** Vzaimootnosheniia mezdu vitaminami A i K v ikh vliianii na svertyvaiushchuiu sistemu krovi.
Vopr Pitan 31:48-52, Jul-Aug 72 (Rus)
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ *BLOOD COAGULATION DISORDERS, chemically induced/ CHICKENS/ *DIET/ DIET, adverse effects/ ENGLISH ABSTRACT/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ PROTHROMBIN, metabolism/ THROMBOPLASTIN, analysis/ TIME FACTORS/ *VITAMIN A/ VITAMIN A, toxicity/ VITAMIN A DEFICIENCY, blood/ *VITAMIN K/ VITAMIN K, toxicity/ VITAMIN K DEFICIENCY, blood

149. **Andreenko GW:** Die Bedeutung natürlicher Fibrinolyseaktivatoren für die Entstehung der antikoagulatorischen Aktivität des Blutes.
Folia Haematol (Leipz) 98:488-90, 1972 (Ger)
ANIMAL EXPERIMENTS/ CATTLE/ *FIBRINOLYSIS, drug effects/ FIBRINOLYTIC AGENTS, isolation & purification/ *FIBRINOLYTIC AGENTS, pharmacodynamics/ MOLECULAR WEIGHT/ RATS/ STIMULATION, CHEMICAL/ SWINE

150. **Andrews MJ, Pearson FG:** An analysis of 59 cases of tracheal stenosis following tracheostomy with cuffed tube and assisted ventilation, with special reference to diagnosis and treatment. Br J Surg 60:208-12, Mar 73
ADOLESCENCE/ ADULT/ AGED/ BRONCHOSCOPY/ COUGH, etiology/ DILATATION/ DYSPNEA, etiology/ FEMALE/ HEMATOMA, complications/ HUMAN/ ISCHEMIA/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ RESPIRATION, ARTIFICIAL/ SURGICAL WOUND DEHISCENCE/ TRACHEA, blood supply/ TRACHEAL STENOSIS, diagnosis/ *TRACHEAL STENOSIS, etiology/ TRACHEAL STENOSIS, radiography/ TRACHEAL STENOSIS, surgery/ TRACHEAL STENOSIS, therapy/ *TRACHEOTOMY, adverse effects

151. **Andrushchenko AV, Mironets VI:** Izmeneniia svertyvaniia krovi pri essentsial'noĭ i nefrogennoĭ gipertonii akh.
Vrach Delo 3:14-7, Mar 73 (Rus)
AGE FACTORS/ ARTERIOSCLEROSIS, complications/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ HUMAN/ *HYPERTENSION, blood/ HYPERTENSION, complications/ *HYPERTENSION, RENAL, blood/ NEPHRITIS, blood

152. **Andrushkiw R, Signori EE:** Hemorrhagic thrombocythemia. A case study.
Mich Med 71:861-4, Oct 72
BLOOD PLATELETS/ *HEMORRHAGIC THROMBOCYTHEMIA/ HEMORRHAGIC THROMBOCYTHEMIA, blood/ HEMORRHAGIC THROMBOCYTHEMIA, diagnosis/ HEMORRHAGIC THROMBOCYTHEMIA, drug therapy/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MELPHALAN, therapeutic use/ MIDDLE AGE

153. **Anet P, Brouns H, Abeele KG van den, et al:** Hyperlipidemies chez le personnel navigant (aviation civile.
Acta Cardiol (Brux) Suppl 25:75-85, 1972 (Fre)
*AVIATION MEDICINE/ BELGIUM/ CHOLESTEROL, blood/ CLOFIBRATE, therapeutic use/ ENGLISH ABSTRACT/ FIBRINOGEN/ HUMAN/ *HYPERLIPEMIA, blood/ HYPERLIPEMIA, drug therapy/ PHOSPHOLIPIDS, blood/ TRIGLYCERIDES, blood

154. **Ang AH, Wong SH:** Extradural hematoma of the anterior fossa. Int Surg 57:918-20, Nov 72
ADULT/ *HEMATOMA/ HEMATOMA, etiology/ HEMATOMA, radiography/ HEMATOMA, surgery/ HUMAN/ MALE/ *SKULL, injuries

155. **Ang M, Tanoue R:** Giant hemangioma of the liver.
Hawaii Med J 31:266-8, Jul-Aug 72
BIOPSY/ *HEMANGIOMA, CAVERNOUS, diagnosis/ HUMAN/ *LIVER NEOPLASMS, diagnosis/ MALE/ MIDDLE AGE/ RADIOISOTOPE SCANNING

156. **Angeletti M, Sbaraglia G, De Campora E, et al:** Biological properties of esteroprotease isolated from the submaxillary gland of mice.
Life Sci [II] 12:297-305, 8 Apr 73

ALCOHOL, ETHYL/ ANIMAL EXPERIMENTS/ BLOOD, drug effects/ BLOOD PRESSURE, drug effects/ BRADYKININ, metabolism/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ MALE/ MICE/ PRECIPITATION/ RABBITS/ *SUBMANDIBULAR GLAND, enzymology/ *TRYPSIN/ TRYPSIN, isolation & purification/ TRYPSIN, pharmacodynamics/ TRYPSIN INHIBITORS

157. **Angeletti RH, Mercanti D, Bradshaw RA:** Amino acid sequences of mouse 2.5S nerve growth factor. I. Isolation and characterization of the soluble tryptic and chymotryptic peptides.
Biochemistry 12:90-100, 2 Jan 73
ALKYLATION/ AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CARBOXYPEPTIDASES/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ IMINES/ MALE/ MICE/ *NERVE GROWTH FACTOR, analysis/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ SUBMANDIBULAR GLAND, analysis/ THIOCYANATES/ TRYPSIN

158. **Angelkort B, Chmiel H, Holzhüter H, et al:** Funktionsfähigkeit, Aggregationstendenz und Adhäsivität von Thrombozyten im Vergleich zur Blutviskosität bei von Willebrand Syndrom und Urämie. Med Welt 23:1808-10, 25 Nov 72 (Ger)
ADOLESCENCE/ *BLOOD PLATELETS/ *BLOOD VISCOSITY/ HUMAN/ MALE/ PLATELET ADHESIVENESS/ *UREMIA, blood/ *VON WILLEBRAND'S DISEASE, blood

159. **Anghel IS:** Stadiul actual al cunoştinţelor fiziopatologice asupra tromboemboliei pulmonare.
Chirurgia (Bucur) 21:587-95, Jul 72 (Rum)
BLOOD CIRCULATION/ BLOOD COAGULATION DISORDERS, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ HUMAN/ PULMONARY EMBOLISM, etiology/ *PULMONARY EMBOLISM, physiopathology/ VASCULAR DISEASES, complications

160. **Angus CW, Lee HJ, Wilson IB:** Substrate specificity of hog plasma angiotensin-converting enzyme.
Biochim Biophys Acta 309:169-74, 5 May 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AUTOANALYSIS/ CARBON ISOTOPES/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN LAYER/ COLORIMETRY/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ KINETICS/ KININASE II, antagonists & inhibitors/ KININASE II, blood/ OLIGOPEPTIDES, metabolism/ OLIGOPEPTIDES, pharmacodynamics/ *PEPTIDE PEPTIDOHYDROLASES, blood/ SWINE

161. **Anneroth G, Carlson GO, Eneroth CM, et al:** Dark, localized discolorations in the oral mucous membrane. A histopathologic and microradiographic study.
Sven Tandlak Tidskr 66:271-80, May 73
ADULT/ AGED/ FEMALE/ FOREIGN BODIES, pathology/ GINGIVAL DISEASES, pathology/ HEMANGIOMA, pathology/ HUMAN/ MALE/ MELANOSIS, pathology/ MICRORADIOGRAPHY/ MIDDLE AGE/ *MOUTH DISEASES, pathology/ MOUTH DISEASES, radiography/ MOUTH MUCOSA, pathology/ MOUTH NEOPLASMS, pathology/ NEVUS, pathology/ *PIGMENTATION DISORDERS, pathology/ PIGMENTATION DISORDERS, radiography/ SEBACEOUS GLANDS, pathology

162. **Antal CS, Conforty B, Engelberg M, et al:** Injuries to the axillary due to anterior dislocation of the shoulder.
J Trauma 13:564-6, Jun 73
AGED/ ANGIOGRAPHY/ *AXILLARY ARTERY, injuries/ AXILLARY ARTERY, radiography/ AXILLARY ARTERY, surgery/ BLOOD VESSEL PROSTHESIS/ HEMATOMA, etiology/ HUMAN/ MALE/ METHODS/ POLYTETRAFLUOROETHYLENE/ *SHOULDER DISLOCATION, complications/ THROMBOSIS, etiology/ TIME FACTORS

163. **Antal MT:** A thrombocyta-kiterjedés vizsgálata mikromódszerrel újszülöttkori bacterialis infectiók esetében. Orv Hetil 114:920-2, 22 Apr 73 (Hun)
*BACTERIAL INFECTIONS, blood/ *BLOOD PLATELETS/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, blood

164. **Antebi E, Adar R, Zweig A, et al:** Bilemia: an unusual complication of bile ducts stones.
Ann Surg 177:274-5, Mar 73
AGED/ *BILE ACIDS AND SALTS, blood/ *BILE DUCTS, INTRAHEPATIC, injuries/ *BILIARY FISTULA, complications/ BILIARY FISTULA, etiology/ CASE REPORT/ *CHOLELITHIASIS, complications/ EMBOLISM, etiology/ FEMALE/ HEMATOMA, etiology/ HEMATOMA, pathology/ HUMAN/ JAUNDICE, complications/ LIVER, pathology/ *PORTAL VEIN, injuries

165. **Anteby S, Mani Y, Diamant YZ:** Accidental rupture of the pregnant uterus. Int Surg 58:267-8, Apr 73
FEMALE/ FETAL DEATH/ HEMATOMA, etiology/ HUMAN/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ PREGNANCY COMPLICATIONS, therapy/ SUTURES/ *UTERINE RUPTURE/ UTERINE RUPTURE, complications/ UTERINE RUPTURE, diagnosis/ UTERINE RUPTURE, surgery

166. **Antoniades HN, Iatridis PG, Westmoreland N, et al:** Effects of nutritional, endocrine and metabolic state on the development of intravascular coagulation induced by human serum preparations with procoagulant activity.
Thromb Diath Haemorrh 29:33-49, 28 Feb 73
ALLOXAN DIABETES/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ BLOOD COAGULATION DISORDERS/ FASTING/ GLUCOSE/ HEMORRHAGE/ INSULIN/ MALE/ *NUTRITION/ OBESITY/ RATS/ THROMBOSIS

167. **Antonov VK:** Konformatsionnoe sostoianie substrata al'fa-khimotripsina v rastvore i v aktivnom tsentre fermenta.
Dokl Akad Nauk SSSR 205:839-42, 1 Aug 72 (Rus)
*CHYMOTRYPSIN/ HYDROLYSIS/ PHENYLALANINE/ PROTEIN CONFORMATION

168. **Antonova EV, Mikhnovich EP, Shulutko LS:** Sposob polucheniia dekal'tsinirovannogo zhelatinolia dlia konservirovaniia krovi.
Probl Gematol Pereliv Krovi 17:25-6, Jul 72 (Rus)
*BLOOD PRESERVATION/ *CALCIUM/ *GELATIN/ METHODS

169. **Antonovich VB, Tret'iakova TA, Iakushin VI, et al:** Neépithelial'nye dobrokachestvennye opukholi tonkoĭ kishki.
Vestn Rentgenol Radiol 46:29-34, May-Jun 71 (Rus)
ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ *FIBROMA, radiography/ *HEMANGIOMA, radiography/ HUMAN/ *INTESTINAL NEOPLASMS, radiography/ *INTESTINE, SMALL/ *LEIOMYOMA, radiography/ *LIPOMA, radiography/ MALE/ MIDDLE AGE

170. **Antoszewski Z:** Zastosowanie preparatu Cepevit-K do tamowania krwawień i krwotoków po usunięciu zębów.
Pol Tyg Lek 27:1861-2, 20 Nov 72 (Pol)
ASCORBIC ACID, therapeutic use/ BIOFLAVONOIDS, therapeutic use/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ *HEMORRHAGE, ORAL, drug therapy/ HEMORRHAGE, ORAL, etiology/ *HEMOSTATICS, therapeutic use/ HUMAN/ PROPIOPHENONES, therapeutic use/ RUTIN,

therapeutic use/ *TOOTH EXTRACTION, adverse effects/ VITAMIN K, therapeutic use

171. **Aoki N:** [Changes of parameters of coagulation and fibrinolysis in disseminated intravascular coagulation]
Jap J Clin Hematol 14:29-34, Jan 73 (Jap)
*BLOOD COAGULATION TESTS/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ ENGLISH ABSTRACT/ *FIBRINOLYSIS/ HUMAN/ PROTHROMBIN TIME

172. **Aoki N, Kawano T:** Inhibition of plasminogen activators by naturally occurring inhibitors in man.
Am J Physiol 223:1334-7, Dec 72
*ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ *FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, urine/ HUMAN/ PLACENTAL EXTRACTS/ *PLASMINOGEN, antagonists & inhibitors

173. **Aoki Y, Lombroso C:** Prognostic value of electroencephalography in Reye's syndrome.
Neurology (Minneap) 23:333-43, Apr 73
*ADIPOSE TISSUE/ ADOLESCENCE/ AMMONIA, metabolism/ ANTIBIOTICS, therapeutic use/ ANTICONVULSANTS, therapeutic use/ ASPARTATE AMINOTRANSFERASE, metabolism/ BLOOD SUGAR, analysis/ *BRAIN DISEASES, diagnosis/ CHILD/ CHILD, PRESCHOOL/ CONSCIOUSNESS/ CONVULSIONS, etiology/ *ELECTROENCEPHALOGRAPHY/ FATTY LIVER/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ GLUCOSE, therapeutic use/ *HEPATITIS, complications/ HUMAN/ INSULIN, therapeutic use/ INTRACRANIAL PRESSURE/ KIDNEY DISEASES/ MALE/ PROGNOSIS/ VITAMIN K, therapeutic use

174. **Aoyagi T, Kunimoto S, Takeuchi T, et al:** [Inhibitory activity of pepstatin against acid protease and a method of estimating acid protease in gastric juice]
Jap J Antibiot 26:109-14, Apr 73 (Jap)
ACIDS/ ANIMAL EXPERIMENTS/ *GASTRIC JUICE, analysis/ HUMAN/ METHODS/ *OLIGOPEPTIDES, pharmacodynamics/ PEPTIDE HYDROLASES, analysis/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ RATS

175. **Apicella MA, Allen JC:** Isolation and characterization of the antigen of Neisseria gonorrhoeae.
Infect Immun 7:315-21, Mar 73
AMINO ACIDS, analysis/ ANTIGENIC DETERMINANTS/ ANTIGENS, BACTERIAL, analysis/ *ANTIGENS, BACTERIAL, isolation & purification/ BACTERIOLOGICAL TECHNICS/ CARBOHYDRATES, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS/ ENDOTOXINS/ GEL DIFFUSION TESTS/ HEMAGGLUTINATION INHIBITION TESTS/ HEMAGGLUTINATION TESTS/ *NEISSERIA GONORRHOEAE, immunology/ PRONASE, pharmacodynamics/ RIBONUCLEASE, pharmacodynamics/ TRYPSIN, pharmacodynamics

176. **Apicella MA, Robinson JA:** Physicochemical properties of Neisseria meningitidis group X polysaccharide antigen. Infect Immun 6:773-8, Nov 72
AMINO ACIDS, analysis/ *ANTIGENS, BACTERIAL, analysis/ CARRIER STATE, microbiology/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ ELECTROPHORESIS, DISK/ ENDOTOXINS, analysis/ HEMAGGLUTINATION INHIBITION TESTS/ HEMAGGLUTINATION TESTS/ HEXOSAMINES, analysis/ HEXOSES, analysis/ HUMAN/ IMMUNE SERUMS/ NEISSERIA MENINGITIDIS, classification/ *NEISSERIA MENINGITIDIS, immunology/ NEISSERIA MENINGITIDIS, isolation & purification/ PENTOSES, analysis/ *POLYSACCHARIDES, BACTERIAL, analysis/ PRONASE, pharmacodynamics/ RABBITS, immunology/ TRYPSIN, pharmacodynamics

177. **Apoil A, Baux S, Moinet P, et al:** Les brides cicatricielles des brulures du membrane supérieur (main exclue) à propos du traitement de 52 brides.
Ann Chir Plast 18:9-14, 1973 (Fre)
ADHESIONS, etiology/ *ARM, injuries/ *BURNS, complications/ CICATRIX, surgery/ *CICATRIX, therapy/ ENGLISH ABSTRACT/ HUMAN/ METHODS/ PHYSICAL THERAPY

178. **Appel E, Voiculescu V:** The effect of denervation of cerebral blood vessels of experimental cerebral hemorrhage. Rev Roum Neurol 9:85-94, 1972
ANIMAL EXPERIMENTS/ CATS/ *CEREBRAL HEMORRHAGE, surgery/ *GANGLIA, AUTONOMIC, surgery/ HEMATOMA, surgery/ *SYMPATHECTOMY

179. **Appelmans M, Verbruggen W, Fossé G, et al:** L'angiomatose de von Hippel-Lindau, hamartome, maladie tumorale multiple héréditaire.
Arch Ophtalmol (Paris) 32:521-30, Aug-Sep 72 (Fre)
ADULT/ ANGIOMATOSIS, diagnosis/ *ANGIOMATOSIS, familial & genetic/ ANGIOMATOSIS, therapy/ ENGLISH ABSTRACT/ EYE NEOPLASMS, diagnosis/ *EYE NEOPLASMS, familial & genetic/ EYE NEOPLASMS, therapy/ FEMALE/ FLUORESCENCE ANGIOGRAPHY/ HAMARTOMA, diagnosis/ *HAMARTOMA, familial & genetic/ HAMARTOMA, therapy/ HUMAN/ LIGHT COAGULATION/ MALE/ MIDDLE AGE/ *NEOPLASMS, MULTIPLE PRIMARY/ OPHTHALMOSCOPY/ PEDIGREE/ RETINA

180. **Arakelov RA:** Primenenie proby s vikasolom pri virusnom gepatite.
Klin Med (Mosk) 51:53-4, Feb 73 (Rus)
*HEPATITIS, INFECTIOUS, diagnosis/ HUMAN/ LIVER FUNCTION TESTS/ *VITAMIN K, diagnostic use

181. **Arakelov RA:** Nekotorye pokazateli svertyvaiushchei i protivosvertyvaiushchei sistem drovi pri virusnom gepatite beremennykh. Ter Arkh 44:65-8, Oct 72 (Rus)
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ FEMALE/ FIBRINOGEN/ FIBRINOLYSIS/ *HEPATITIS, INFECTIOUS, blood/ HUMAN/ PREGNANCY/ *PREGNANCY COMPLICATIONS, INFECTIOUS, blood

182. **Aranda Lopez R:** Accidentes de la anestesia local y su tratamiento.
An Esp Odontoestomatol 31:397-414, Nov-Dec 72 (Spa)
*ANESTHESIA, DENTAL, adverse effects/ ANESTHETICS, LOCAL, adverse effects/ DRUG HYPERSENSITIVITY/ DRY SOCKET, etiology/ EMPHYSEMA, chemically induced/ FACIAL PARALYSIS, etiology/ HEMATOMA, etiology/ HUMAN/ ISCHEMIA, etiology/ MALPRACTICE

183. **Arbuliev MG, Magomedov ShM:** Svertyvaiushchaia i protivosvertyvaiushchaia sistema krovi pri ostrykh gematogennykh osteomielitakh u detei.
Vopr Okhr Materin Det 17:93, Jun 72 (Rus)
ACUTE DISEASE/ ADOLESCENCE/ *BLOOD COAGULATION/ CHILD/ CHILD, PRESCHOOL/ HUMAN/ *OSTEOMYELITIS, blood

184. **Archakov AI, Karuzina II, Bokhon'ko AI, et al:** Studies on the localization of reaction sites within the reduced nicotinamide-adenine dinucleotide phosphate-oxygenase system of rat liver microsomes for the N- and C-oxidation of dimethylaniline and for the peroxidation of unsaturated fatty acids.
Biochem Pharmacol 21:1595-602, 1 Jun 72
AMOBARBITAL, pharmacodynamics/ *ANILINE COMPOUNDS, metabolism/ ANIMAL EXPERIMENTS/ BINDING SITES/ CATALASE, pharmacodynamics/ CYTOCHROME P-450, analysis/ CYTOCHROME P-450, antagonists & inhibitors/ CYTOCHROMES, analysis/ DETERGENTS, pharmacodynamics/ ELECTRON TRANSPORT/ ENZYME INDUCTION, drug effects/ *FATTY ACIDS, UNSATURATED, metabolism/ IN VITRO/ KINETICS/ MALE/ MICROSOMES, LIVER, drug effects/ *MICROSOMES, LIVER, enzymology/ NADP/ OXIDATION-REDUCTION/ *OXYGENASES,

analysis/ PEROXIDES, biosynthesis/ PHENOBARBITAL, pharmacodynamics/ PROTEINS, analysis/ RATS/ SPECTROPHOTOMETRY/ VITAMIN K, metabolism

185. **Archer DB, Deutman A, Ernest JT, et al:** Arteriovenous communications of the retina.
Am J Ophthalmol 75:224-41, Feb 73
ADOLESCENCE/ ADULT/ *ARTERIOVENOUS FISTULA, congenital/ ARTERIOVENOUS FISTULA, diagnosis/ ARTERIOVENOUS FISTULA, surgery/ *ARTERIOVENOUS MALFORMATIONS, diagnosis/ ARTERIOVENOUS MALFORMATIONS, pathology/ AUTOPSY/ BRAIN NEOPLASMS, pathology/ CHILD/ FEMALE/ FLUORESCENCE ANGIOGRAPHY/ FUNDUS OCULI/ HEMANGIOMA, pathology/ HUMAN/ INTRAOCULAR PRESSURE/ MALE/ OPHTHALMODYNAMOMETRY/ OPTIC CHIASM/ *RETINAL ARTERY/ RETINAL HEMORRHAGE/ *RETINAL VEIN/ RETINAL VESSELS, pathology/ VISUAL ACUITY

186. **Archer RK, Allen BV:** True haemophilia in horses.
Vet Rec 91:655-6, 23 Dec 72
ANIMAL EXPERIMENTS/ FACTOR VIII/ FEMALE/ HEMATOMA, veterinary/ *HEMOPHILIA, veterinary/ *HORSE DISEASES, familial & genetic/ HORSES/ MALE/ SEX CHROMOSOMES

187. **Ardelt W:** Untersuchungen zur Frage der dklinischen Bedeutung der Glycyl-L-leucine-Dipeptidaseaktivität der Thrombocyten.
Aerztl Forsch 26:261-6, 10 Aug 72 (Ger)
ADULT/ AGE FACTORS/ *BLOOD PLATELETS, enzymology/ BLOOD PRESERVATION/ CARCINOMA, drug therapy/ CONTRACEPTIVES, ORAL, pharmacodynamics/ CYCLOPHOSPHAMIDE, adverse effects/ CYCLOPHOSPHAMIDE, therapeutic use/ CYSTITIS, etiology/ DIPEPTIDASES, antagonists & inhibitors/ *DIPEPTIDASES, blood/ ENGLISH ABSTRACT/ FEMALE/ GLYCINE/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ LABOR/ LEUCINE/ MALE/ MENSTRUATION/ OVARIAN NEOPLASMS, drug therapy/ PREGNANCY/ SEX FACTORS/ TEMPERATURE/ UREMIA, blood

188. **Arden GP, Powell HD, Fell RH:** Subcutaneous heparin treatment. Br Med J 4:486, 25 Nov 72
FEMORAL NECK FRACTURES, surgery/ FRACTURE FIXATION, INTERNAL/ *HEPARIN, administration & dosage/ HEPARIN, adverse effects/ HIP, surgery/ HUMAN/ INJECTIONS, SUBCUTANEOUS

189. **Areekul S, Devakul K, Vivatanasesth P, et al:** Studies on fibrinolytic activity in patients with Plasmodium falciparum malaria.
Southeast Asian J Trop Med Public Health 3:198-204, Jun 72
ADOLESCENCE/ ADULT/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ ERYTHROCYTES, microbiology/ FEMALE/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HEMATOCRIT/ HEMOGLOBIN, analysis/ HUMAN/ *MALARIA, blood/ MALE/ *PLASMODIUM FALCIPARUM/ PLASMODIUM FALCIPARUM, isolation & purification

190. **Arend P, Malchow H, Capeller D, et al:** Mittlerfunktionen polymorphkerniger Leukocyten bei der mitogeninduzierten Proliferation autologer Lymphocyten. (Die Bedeutung von Protease-Antiprotease- und Esterase-Antiesterasesystemen für das Wachstum.
Verh Dtsch Ges Inn Med 78:681-4, 1972 (Ger)
CELL MEMBRANE/ ERYTHROCYTES, cytology/ ESTERASES, antagonists & inhibitors/ HUMAN/ IN VITRO/ *LEUKOCYTES, physiology/ *LYMPHOCYTES, growth & development/ LYMPHOCYTES, physiology/ MITOGENS/ PEPTIDE HYDROLASES, antagonists & inhibitors/ RECEPTORS, DRUG

191. **Arend WP, Mannik M:** The macrophage receptor for IgG: number and affinity of binding sites.
J Immunol 110:1455-63, Jun 73
ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY COMPLEX/ *BINDING SITES, ANTIBODY/ FEMALE/ FREUND'S ADJUVANT/ *IGG/ IMMUNE ADHERENCE REACTION/ MACROPHAGES, drug effects/ *MACROPHAGES, immunology/ MALE/ PRONASE, pharmacodynamics/ PULMONARY ALVEOLI, immunology/ RABBITS/ TRYPSIN, pharmacodynamics

192. **Arfors KE, Bergqvist D, Bygdeman S, et al:** The effect of inhibition of the platelet release reaction on platelet behaviour in vitro and in vivo.
Scand J Haematol 9:322-32, 1972
ADENOSINE DIPHOSPHATE, pharmacodynamics/ *AMITRIPTYLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ARTERIES/ *ASPIRIN, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ *BLOOD PLATELETS, drug effects/ CENTRIFUGATION, ZONAL/ COLLAGEN, pharmacodynamics/ DEPRESSION, CHEMICAL/ HYDROLYSIS/ METHODS/ MICROCIRCULATION/ PLATELET ADHESIVENESS, drug effects/ RABBITS/ TIME FACTORS/ TROMETHAMINE/ VEINS

193. **Arkhangel'skaia AV, Gershenovich ZS, Krichevskaia AA:** Azotistyi obmen v mozge pri roste perevivaemykh ekstratserebral'nykh sarkom.
Vopr Med Khim 19:201-6, Mar-Apr 73 (Rus)
AMIDES, metabolism/ AMINO ACIDS, analysis/ AMMONIA, analysis/ ANIMAL EXPERIMENTS/ ARGININE, analysis/ BRAIN CHEMISTRY/ *BRAIN NEOPLASMS, metabolism/ CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ ENZYME TESTS/ GLUTAMINE, analysis/ GLUTAMINE SYNTHETASE, analysis/ HEXESTROL, metabolism/ NEOPLASM TRANSPLANTATION/ *NITROGEN, metabolism/ PEPTIDE HYDROLASES, analysis/ PROTEINS, analysis/ RATS/ *SARCOMA, EXPERIMENTAL, metabolism/ TIME FACTORS/ UREA, analysis

194. **Arkhangel'skiĭ EV, Chepulis GS, Derkach IuS, et al:** Novye dokazatel'stva osvobozhdeniia virusa grippa ot antigenov kletki khoziaina.
Vopr Virusol 17:586-91, Sep-Oct 72 (Rus)
*ANTIGENS/ ANTIGENS, VIRAL/ CHICK EMBRYO/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ GEL DIFFUSION TESTS/ *INFLUENZA VIRUSES/ SULFUR ISOTOPES/ TRITIUM/ TRYPSIN

195. **Arkhangel'skii II, Glezer IM, Gasanov NG:** Opredelenie patogennosti stafilokokkov, vydelennykh iz moloka.
Veterinariia 1:105, Jan 72 (Rus)
ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS/ CULTURE MEDIA/ HUMAN/ *MILK, microbiology/ RABBITS/ STAPHYLOCOCCUS, isolation & purification/ *STAPHYLOCOCCUS, pathogenicity

196. **Arkin W:** Die Pupillenblockade nach einer Starextraktion und ihre Beseitigung mit Hilfe der Operation nach Mauksch.
Klin Monatsbl Augenheilkd 162:95-7, Jan 73 (Ger)
ABNORMALITIES, complications/ ADHESIONS, complications/ AGED/ *CATARACT EXTRACTION, adverse effects/ CORNEA/ ENGLISH ABSTRACT/ EYE DISEASES, complications/ GLAUCOMA, complications/ HUMAN/ IRIS, surgery/ METHODS/ PUPIL, abnormalities/ *PUPIL, surgery

197. **Arkin W:** O właściwe stosowanie zonulolizy w operacjach zaćmy.
Klin Oczna 42:1027-31, 1972 (Pol)
*CATARACT EXTRACTION/ CHYMOTRYPSIN, administration & dosage/ ENGLISH

ABSTRACT/ HUMAN/ LENS, CRYSTALLINE, enzymology/ METHODS

198. **Armata J, Cyklis R, Sciesiicki A:** Thrombocythaemia in actinomycosis. Lancet 1:261, 4 Aug 73
ACTINOMYCOSIS, blood/ *ACTINOMYCOSIS, complications/ ACTINOMYCOSIS, diagnosis/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CHILD/ HUMAN/ LUNG DISEASES, FUNGAL, blood/ *LUNG DISEASES, FUNGAL, complications/ LUNG DISEASES, FUNGAL, diagnosis/ MALE/ *THROMBOCYTOSIS, etiology

199. **Armato U, Andreis PG:** The primary tissue culture of rat adult decapsulated adrenal glands: problems of methodology and applications.
Experientia 29:106-7, 1 May 73
*ADRENAL GLANDS/ ADRENAL GLANDS, cytology/ ANIMAL EXPERIMENTS/ CELL DIFFERENTIATION/ CELL SURVIVAL/ CLONE CELLS/ FREEZING/ METHODS/ MICROSCOPY, ELECTRON/ RATS/ *TISSUE CULTURE/ TISSUE SURVIVAL/ TRYPSIN

200. **Armato U, Nussdorfer GG:** Tissue culture of rat adult decapsulated adrenal glands. A methodological, ultrastructural and morphometric investigation.
Z Zellforsch Mikrosk Anat 135:245-73, 1972
*ADRENAL GLANDS, cytology/ ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, physiopathology/ ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ CELL DIFFERENTIATION/ CELL DIVISION/ CELLULAR INCLUSIONS/ CORTICOTROPIN, pharmacodynamics/ DNA, biosynthesis/ ENDOPLASMIC RETICULUM/ FEMALE/ LIPIDS/ METHODS/ MICROSCOPY, ELECTRON/ MICROSCOPY, PHASE CONTRAST/ MITOCHONDRIA/ PROTEINS, biosynthesis/ RATS/ RIBOSOMES/ RNA, biosynthesis/ STATISTICS/ TIME FACTORS/ TISSUE CULTURE/ TRYPSIN

201. **Arnason A, Bjarnason O:** Post mortem changes of human serum esterases. An electrophoretic study.
Acta Pathol Microbiol Scand [A] 80:841-6, 1972
ACETATES/ ADULT/ AGED/ ELECTROPHORESIS, STARCH GEL/ *ESTERASES, blood/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ NAPHTHOLS/ PAPAIN/ PEPSIN/ *POSTMORTEM CHANGES/ TIME FACTORS/ TRYPSIN

202. **Arnaud A, Cargnino P, Chauvin G, et al:** Hémothorax au cours de traitements anti-coagulants. Note à propos de trois observations. Mars Med 109:771-6, 1972 (Fre)
AGED/ *ANTICOAGULANTS, adverse effects/ BIOPSY, NEEDLE/ HEMODIALYSIS, adverse effects/ *HEMOTHORAX, chemically induced/ HEMOTHORAX, radiography/ HUMAN/ MALE/ MIDDLE AGE/ VITAMIN K, antagonists & inhibitors

203. **Arnesen H, Godal HC:** Enkel fibrinogen-metode til rutinebruk.
Tidsskr Nor Laegeforen 92:1526-7, 30 Aug 72 (Nor)
*BLOOD COAGULATION TESTS/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *FIBRINOGEN, analysis/ HEPARIN, pharmacodynamics/ HUMAN/ METHODS

204. **Arnulf G:** Lymphoedema of the upper limb after Halsted's operation of radical mastectomy.. Lymphography and phlebography. Therapeutic consequences. Vasc Surg 7:36-44, Jan-Feb 73
ANTICOAGULANTS, therapeutic use/ *ARM/ FEMALE/ HUMAN/ LYMPHEDEMA, drug therapy/ *LYMPHEDEMA, etiology/ LYMPHEDEMA, radiography/ LYMPHEDEMA, surgery/ LYMPHOGRAPHY/ *MASTECTOMY, adverse effects/ PHLEBOGRAPHY

205. **Arocha-Piñango CL:** A comparison of the TRCII and latex-particle tests for the titration of FR-antigen.
J Clin Pathol 25:757-61, Sep 72
ANTICOAGULANTS/ ANTIGENS/ CALCIUM/ COMPARATIVE STUDY/ ERYTHROCYTES, immunology/ *FIBRINOGEN, analysis/ FIBRINOGEN, metabolism/ *HEMAGGLUTINATION TESTS/ HEPARIN/ HUMAN/ *IMMUNOASSAY/ *LATEX FIXATION TESTS/ METHODS/ RABBITS, immunology/ THROMBIN/ VENOMS

206. **Arocha-Pinango CL, Marsh NA, Robinson D, et al:** Fibrinolysis following contact with a Saturnid caterpillar. J Clin Pathol 25:637, Jul 72
AFIBRINOGENEMIA, drug therapy/ *AFIBRINOGENEMIA, etiology/ FIBRINOGEN, analysis/ HUMAN/ *INSECT BITES AND STINGS/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use

207. **Arocha-Pinango CL, Marsh NA, Robinson D:** A fibrinolytic agent from a Saturnid caterpillar. Partial purification and characterization.
Thromb Diath Haemorrh 29:135-42, 28 Feb 73
ANIMAL EXPERIMENTS/ CASEIN/ *FIBRINOLYTIC AGENTS/ FIBRINOLYTIC AGENTS, isolation & purification/ HYDROGEN-ION CONCENTRATION/ *INSECTS/ MOLECULAR WEIGHT/ PLASMINOGEN/ TEMPERATURE

208. **Aroesty J, Gross JF:** Pulsatile flow in small blood vessels. I. Casson theory. Biorheology 9:33-43, Mar 72
BLOOD FLOW VELOCITY/ BLOOD PRESSURE/ BLOOD VISCOSITY/ MATHEMATICS/ *MICROCIRCULATION/ *MODELS, BIOLOGICAL/ PLASTICS/ *RHEOLOGY

209. **Aron-Rosa DS, Doyon DL:** Malformations vasculaires orbitaires (à propos de 62 cas.
Ann Ocul (Paris) 205:667-712, Jun 72 (Fre)
ADOLESCENCE/ ADULT/ ANEURYSM, etiology/ CAROTID ARTERIES, abnormalities/ CHILD/ ENGLISH ABSTRACT/ EXOPHTHALMOS, etiology/ FEMALE/ *HEMANGIOMA/ HEMANGIOMA, surgery/ HUMAN/ MALE/ MIDDLE AGE/ *ORBIT, blood supply/ *ORBITAL NEOPLASMS/ ORBITAL NEOPLASMS, surgery

210. **Aronson AL:** Chemical poisonings in small animal practice. Vet Clin N Amer 2:379-95, May 72 (35 ref.)
ADSORPTION/ ANIMAL EXPERIMENTS/ ANTIDOTES, therapeutic use/ BODY TEMPERATURE/ *CAT DISEASES, chemically induced/ CAT DISEASES, therapy/ CATS/ CHARCOAL, therapeutic use/ *DOG DISEASES, chemically induced/ DOG DISEASES, therapy/ DOGS/ EMETICS, therapeutic use/ GASTRIC LAVAGE/ GLYCOLS, poisoning/ INSECTICIDES, ORGANOPHOSPHATE, poisoning/ LEAD POISONING, therapy/ POISONING, therapy/ *POISONING, veterinary/ RESPIRATION, ARTIFICIAL/ REVIEW/ THALLIUM, poisoning/ WARFARIN, poisoning

211. **Aronson DL, Dodds WJ, Mustafa AJ:** A quantitative two-stage assay for factor IX (Christmas factor) using plasma from dogs with Christmas disease.
Thromb Diath Haemorrh 27:529-34, 31 Jul 72
ANIMAL EXPERIMENTS/ BENZYL COMPOUNDS, pharmacodynamics/ *BLOOD COAGULATION TESTS/ CHRISTMAS DISEASE, blood/ CLOT RETRACTION/ DOGS/ FACTOR VIII/ *FACTOR IX, isolation & purification/ FLUORINE, pharmacodynamics/ HUMAN/ ISOFLUROPHATE, pharmacodynamics/ METHODS/ SULFONES, pharmacodynamics

212. **Arrigo Reina R, Scoto GM:** Azione dell'acido 4-fenil-3-isocumarinico e di alcuni suoi derivati sulla coagulazione del sangue.
Farmaco [Sci] 28:478-84, Jun 73 (Ita)
ANIMAL EXPERIMENTS/ BENZENE DERIVATIVES, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ *COUMARINS, pharmacodynamics/ ENGLISH ABSTRACT/ MALE/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP

213. **Arrigoni MG, Danielson GK, Mankin HT, et al:** Aortic

valve replacement with cloth-covered composite-seat Starr-Edwards prosthesis. A review of 32 months of clinical experience.
J Thorac Cardiovasc Surg 65:376-80, Mar 73
ANTICOAGULANTS, therapeutic use/ *AORTIC VALVE, surgery/ ARRHYTHMIA, etiology/ HEART ARREST, etiology/ HEART ENLARGEMENT, etiology/ HEART FAILURE, CONGESTIVE, etiology/ *HEART VALVE PROSTHESIS/ HEMORRHAGE, etiology/ HUMAN/ POSTOPERATIVE COMPLICATIONS/ SURGICAL WOUND DEHISCENCE/ THROMBOEMBOLISM, prevention & control

214. **Arroyave CM, Müller-Eberhard HJ:** Interactions between human C5, C6, and C7 and their functional significance in complement-dependent cytolysis.
J Immunol 111:536-45, Aug 73
*ANTIGEN-ANTIBODY COMPLEX/ BLOOD SEDIMENTATION/ CENTRIFUGATION/ *COMPLEMENT/ COMPLEMENT, analysis/ FIBRINOLYSIN/ *HEMOLYSIS/ HUMAN/ TRYPSIN

215. **Arruda JA, Gutierrez LF, Jonasson O, et al:** Renal-vein thrombosis in kidney allografts.
Lancet 2:585-6, 15 Sep 73
ADULT/ BLOOD UREA NITROGEN/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ *KIDNEY, transplantation/ MALE/ MIDDLE AGE/ PHLEBOGRAPHY/ POSTOPERATIVE COMPLICATIONS/ PROTEINURIA, etiology/ PULMONARY EMBOLISM, etiology/ *RENAL VEINS/ THROMBOSIS, complications/ THROMBOSIS, drug therapy/ *THROMBOSIS, etiology/ TRANSPLANTATION, HOMOLOGOUS/ WARFARIN, therapeutic use

216. **Arseni C, Ghiţescu M, Constantinescu A, et al:** Abcesele cerebrole în cadrul cardiopatiilor congenitale.
Neurol Psihiatr Neurochir 17:201-7, May-Jun 72 (Rum)
ADULT/ BLOOD COAGULATION DISORDERS, etiology/ *BRAIN ABSCESS, etiology/ CEREBRAL EMBOLISM AND THROMBOSIS, complications/ CEREBRAL EMBOLISM AND THROMBOSIS, etiology/ CHILD/ ENGLISH ABSTRACT/ *HEART DEFECTS, CONGENITAL, complications/ HUMAN/ MALE

217. **Arstila AU, Riekkinen P, Rinne UK, et al:** Studies on the pathogenesis of multiple sclerosis. Participation of lysosomes on demyelination in the central nervous system white matter outside plaques.
Eur Neurol 9:1-20, 1973
*ACID PHOSPHATASE, metabolism/ ADULT/ *BRAIN, enzymology/ CEREBELLUM, enzymology/ CEREBELLUM, pathology/ CORPUS CALLOSUM, enzymology/ CORPUS CALLOSUM, pathology/ *ESTERASES, metabolism/ FEMALE/ HUMAN/ LYSOSOMES, analysis/ *LYSOSOMES, enzymology/ MALE/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ MULTIPLE SCLEROSIS, enzymology/ *MULTIPLE SCLEROSIS, etiology/ MULTIPLE SCLEROSIS, pathology/ *MYELIN SHEATH, enzymology/ NERVE DEGENERATION/ NEUROGLIA, enzymology/ *PEPTIDE HYDROLASES, metabolism/ PHAGOCYTOSIS/ PONS, enzymology/ PONS, pathology

218. **Artamonov VI:** O nekotorykh obshchebiologicheskikh aspektakh opukholeobrazovaniia. I. Rol' indol'nykh soedinenii.
Usp Sovrem Biol 75:441-51, May-Jun 73 (82 ref.) (Rus)
ANIMAL EXPERIMENTS/ CARCINOGENS/ HUMAN/ INDOLEACETIC ACID, metabolism/ INDOLES/ *INDOLES, metabolism/ LEUKEMIA, EXPERIMENTAL, chemically induced/ MICE/ *NEOPLASMS, metabolism/ NEOPLASMS, EXPERIMENTAL, chemically induced/ ONCOGENIC VIRUSES/ PEPTIDE HYDROLASES, metabolism/ PLANT GROWTH REGULATORS, metabolism/ *PLANT TUMORS/ PLANT VIRUSES/ REVIEW/ SEROTONIN, metabolism/ TRYPTOPHAN, metabolism

219. **Arustamian SA:** K rentgenodiagnostike gemangiomy kostei. Zh Eksp Klin Med 11:82-9, 1971 (Rus)
ADOLESCENCE/ ADULT/ AGED/ *BONE NEOPLASMS, radiography/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HEMANGIOMA, radiography/ HUMAN/ MALE/ MIDDLE AGE

220. **Arutiunov AI, Meskhiia NSh:** Nekotorye aktual'nye voprosy plastiki defektov tverdoĭ mozgovoĭ obolochki.
Vopr Neirokhir 36:3-9, May-Jun 72 (34 ref.) (Rus)
ADHESIONS, prevention & control/ ANIMAL EXPERIMENTS/ CADAVER/ CEREBROSPINAL FLUID/ CICATRIX, prevention & control/ CONVULSIONS, prevention & control/ DOGS/ *DURA MATER, surgery/ DURA MATER, transplantation/ ENGLISH ABSTRACT/ FREEZE DRYING/ HUMAN/ NEUROSURGERY/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PROSTHESIS/ REVIEW/ TISSUE PRESERVATION/ TRANSPLANTATION, AUTOLOGOUS/ TRANSPLANTATION, HOMOLOGOUS

221. **Arvidson S:** Studies on extracellular proteolytic enzymes from Staphylococcus aureus. II. Isolation and characterization of an EDTA-sensitive protease.
Biochim Biophys Acta 302:149-57, 15 Mar 73
CALCIUM/ CASEIN/ CATIONS, DIVALENT/ CULTURE MEDIA/ DRUG STABILITY/ *EDTA/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ ISOELECTRIC FOCUSING/ ISOFLUROPHATE/ MOLECULAR WEIGHT/ OSMOLAR CONCENTRATION/ PEPTIDE HYDROLASES, analysis/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, isolation & purification/ RABBITS, immunology/ SODIUM CHLORIDE/ *STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, growth & development/ STRUCTURE-ACTIVITY RELATIONSHIP/ SULFHYDRYL REAGENTS/ TEMPERATURE

222. **Arvidson S, Holme T, Lindholm B:** Studies on extracellular proteolytic enzymes from Staphylococcus aureus. I. Purification and characterization of one neutral and one alkaline protease. Biochim Biophys Acta 302:135-48, 15 Mar 73
CASEIN/ CATIONS, DIVALENT/ CHROMATOGRAPHY, ION EXCHANGE/ DRUG STABILITY/ ESTERASES, analysis/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HEMOGLOBIN/ HYDROGEN-ION CONCENTRATION/ ISOELECTRIC FOCUSING/ ISOFLUROPHATE/ MOLECULAR WEIGHT/ OSMOLAR CONCENTRATION/ PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, isolation & purification/ RABBITS, immunology/ SODIUM CHLORIDE/ *STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, growth & development/ STRUCTURE-ACTIVITY RELATIONSHIP/ SULFHYDRYL REAGENTS/ TEMPERATURE

223. **Arvidson S, Holme T, Lindholm B:** The formation of extracellular proteolytic enzymes by Staphylococcus aureus.
Acta Pathol Microbiol Scand [B] 80:835-44, 1972
BACTERIOLYSIS/ CALCIUM/ CASEIN/ CULTURE MEDIA/ EDTA/ ISOELECTRIC FOCUSING/ LYSOSTAPHIN/ MAGNESIUM/ *PEPTIDE HYDROLASES, metabolism/ PROTEIN HYDROLYSATES/ SACCHAROMYCES CEREVISIAE/ *STAPHYLOCOCCUS, enzymology

224. **Arvidson S, Wadström T:** Detection of proteolytic activity after isoelectric focusing in polyacrylamide gel. Biochim Biophys Acta 310:418-20, 15 Jun 73
CALCIUM/ CHYMOTRYPSIN, analysis/ ENZYME ACTIVATION/ ISOELECTRIC FOCUSING/ METHODS/ *PEPTIDE HYDROLASES, analysis/ *PSEUDOMONAS AERUGINOSA, enzymology/ SUBTILISINS, analysis/ TRYPSIN, analysis

225. **Arvilommi H:** Studies on serum Pi- and C3-polymorphism in Finland.

Acta Pathol Microbiol Scand [B] 234:Suppl 234:1-50, 1972
ABO FACTORS/ ADULT/ *ALPHA GLOBULIN, analysis/ *BETA GLOBULIN, analysis/ *COMPLEMENT, analysis/ ELECTROPHORESIS, STARCH GEL/ FEMALE/ FINLAND/ GEL DIFFUSION TESTS/ GENE FREQUENCY/ GENES, DOMINANT/ GENETICS, HUMAN/ HAPTOGLOBINS, analysis/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IMMUNOELECTROPHORESIS/ LINKAGE (GENETICS)/ MALE/ METHODS/ PATERNITY/ PHENOTYPE/ *POLYMORPHISM (GENETICS)/ RH FACTORS/ SEX FACTORS/ TRANSFERRIN, analysis/ *TRYPSIN INHIBITORS

226. **Asano A, Cohen NS, Baker RF, et al:** Orientation of the cell membrane in ghosts and electron transport particles of Mycobacterium phlei.
J Biol Chem 248:3386-97, 25 May 73
ADENOSINE DIPHOSPHATE, metabolism/ ADENOSINE MONOPHOSPHATE/ ADENOSINE TRIPHOSPHATASE, metabolism/ ADENOSINE TRIPHOSPHATE/ ADENOSINE TRIPHOSPHATE, biosynthesis/ ADENOSINE TRIPHOSPHATE, metabolism/ CELL MEMBRANE, enzymology/ CELL MEMBRANE, metabolism/ CENTRIFUGATION, DENSITY GRADIENT/ CYTOCHROMES, metabolism/ CYTOLOGICAL TECHNICS/ ELECTRON TRANSPORT/ FUMARATE HYDRATASE, metabolism/ HYDROXYBUTYRATE DEHYDROGENASE, metabolism/ MEMBRANES, metabolism/ MICROSCOPY, ELECTRON/ MYCOBACTERIUM, cytology/ MYCOBACTERIUM, enzymology/ *MYCOBACTERIUM, metabolism/ NAD, metabolism/ OXIDATIVE PHOSPHORYLATION/ PHOSPHOLIPIDS, metabolism/ PHOSPHOTRANSFERASES, metabolism/ PROTOPLASTS, metabolism/ VITAMIN K, metabolism

227. **Asbeck F, Loo J van de, Sieberth HG:** Untersuchungen zur Pathophysiologie der Urokinaseausscheidung am Modell des akuten Nerenversagens.
Verh Dtsch Ges Inn Med 77:705-7, 1971 (Ger)
ADOLESCENCE/ ADULT/ CREATININE/ FEMALE/ *FIBRINOLYTIC AGENTS, urine/ HUMAN/ KIDNEY CONCENTRATING ABILITY/ *KIDNEY FAILURE, ACUTE, physiopathology/ KIDNEY FUNCTION TESTS/ MALE

228. **Asch MJ, Lazerson J, Brennan LP, et al:** An approach to acquired coagulation problems in the neonatal surgical patient. J Pediatr Surg 8:227-34, Apr 73
BLOOD CELL COUNT/ BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION DISORDERS, drug therapy/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ DIAGNOSIS, DIFFERENTIAL/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ ENTERITIS, blood/ ENTERITIS, surgery/ ERYTHROCYTE COUNT/ FACTOR VIII, analysis/ FEMALE/ FIBRINOGEN, analysis/ HEPARIN, therapeutic use/ HUMAN/ INFANT/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, surgery/ INTESTINAL OBSTRUCTION, blood/ INTESTINAL OBSTRUCTION, surgery/ INTESTINAL PERFORATION, surgery/ LATEX FIXATION TESTS/ MALE/ PERITONITIS, blood/ PERITONITIS, surgery/ POSTOPERATIVE COMPLICATIONS

229. **Aschloff HJ, Arnold HH, Kersten W, et al:** Zur Reindarstellung von tRNA methylierenden Enzymen.
Hoppe Seylers Z Physiol Chem 353:1501-2, Oct 72 (Ger)
AMMONIUM SULFATE/ BACTERIAL PROTEINS, isolation & purification/ CHROMATOGRAPHY, THIN LAYER/ ELECTROPHORESIS, DISK/ *ESCHERICHIA COLI, enzymology/ GEL FILTRATION/ IMMUNOELECTROPHORESIS/ METHYLATION/ PRECIPITATION/ PROTAMINES/ RNA, TRANSFER/ SACCHAROMYCES CEREVISIAE/ SULFATES/ *TRANSFERASES, isolation & purification

230. **Askew EW, Dohm GL, Huston RL, et al:** Response of rat tissue lipases to physical training and exercise.
Proc Soc Exp Biol Med 141:123-9, Oct 72
ADAPTATION, PHYSIOLOGICAL/ ADIPOSE TISSUE, anatomy & histology/ ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, enzymology/ ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ EPIDIDYMIS/ EPINEPHRINE, pharmacodynamics/ *EXERTION/ FATTY ACIDS, NONESTERIFIED, metabolism/ *LIPASE, metabolism/ LIPID MOBILIZATION/ LIPID MOBILIZATION, drug effects/ LIPOPROTEIN LIPASE, metabolism/ MALE/ MUSCLES, enzymology/ MYOCARDIUM, enzymology/ ORGAN WEIGHT/ RATS/ TIME FACTORS

231. **Askherkhanov RP, Safarov SIu:** Ob izmeneniiakh svertyvaemosti krovi pri patologii selezenki.
Vestn Khir 108:65-71, Apr 72 (Rus)
ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION DISORDERS, metabolism/ DOGS/ ENGLISH ABSTRACT/ FIBRINOGEN, metabolism/ FIBRINOLYSIS/ HEPARIN, metabolism/ HUMAN/ LEUKOCYTE COUNT/ LIVER CIRRHOSIS, blood/ LIVER CIRRHOSIS, metabolism/ PROTHROMBIN, metabolism/ SPLEEN/ SPLENECTOMY, adverse effects/ *SPLENIC DISEASES, blood/ SPLENIC DISEASES, complications/ SPLENIC DISEASES, metabolism/ SPLENIC INFARCTION, blood/ SPLENIC INFARCTION, metabolism/ SPLENIC RUPTURE, blood/ SPLENIC RUPTURE, metabolism/ SPLENIC VEIN/ SPLENOMEGALY, etiology/ THROMBOSIS, metabolism/ TIME FACTORS/ TISSUE EXTRACTS, pharmacodynamics

232. **Assan R, Delaunay J:** Activités biologiques comparées de différents glucagons-retard et de glucagon ordinaire.
Pathol Biol (Paris) 20:979-84, Dec 72 (Fre)
*BLOOD SUGAR/ DELAYED-ACTION PREPARATIONS/ ENGLISH ABSTRACT/ *GLUCAGON, administration & dosage/ GLUCAGON, therapeutic use/ HUMAN/ *INSULIN, blood/ METHYLCELLULOSE/ POLYVINYLPYRROLIDONE/ PROTAMINES/ ZINC

233. **Assmann G, Krauss RM, Fredrickson DS, et al:** Characterization, subcellular localization, and partial purification of a heparin-released triglyceride lipase from rat liver. J Biol Chem 248:1992-9, 25 Mar 73
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CELL MEMBRANE, enzymology/ CHROMATOGRAPHY, AFFINITY/ CYTOSOL, enzymology/ HEPARIN, blood/ *HEPARIN, pharmacodynamics/ LIPASE, isolation & purification/ *LIPASE, metabolism/ LIVER, cytology/ LIVER, drug effects/ *LIVER, enzymology/ LYSOSOMES, enzymology/ MALE/ MICROSOMES, LIVER, enzymology/ MITOCHONDRIA, LIVER, enzymology/ OSMOLAR CONCENTRATION/ PERFUSION/ PROTAMINES, pharmacodynamics/ RATS/ SODIUM CHLORIDE, pharmacodynamics/ SURFACE-ACTIVE AGENTS, pharmacodynamics/ TRIGLYCERIDES/ TRIOLEIN/ TRITIUM

234. **Astaldi G, Burlina A, Galzigna L:** Blood specimens collection for red cells enzyme assay.
Acta Vitaminol Enzymol (Milano) 26:78-80, 1972
BLOOD SPECIMEN COLLECTION/ CHOLINESTERASE, blood/ CITRATES, pharmacodynamics/ COMPARATIVE STUDY/ EDTA, pharmacodynamics/ *ERYTHROCYTES, enzymology/ ESTERASES, blood/ GLUCOSEPHOSPHATE DEHYDROGENASE, blood/ HEPARIN, pharmacodynamics/ LIPASE,

blood/ MERCAPTOETHANOL/ PLASMA, enzymology/ WATER

235. **Astedt B:** Fibrinolytic activity of veins in the puerperium. Acta Obstet Gynecol Scand 51:325-8, 1972
ADULT/ ANTIFIBRINOLYTIC AGENTS, analysis/ DELIVERY/ FEMALE/ FIBRIN, metabolism/ FIBRINOGEN, metabolism/ *FIBRINOLYSIS/ HAND, blood supply/ HUMAN/ MACROGLOBULINS, analysis/ METHODS/ PLASMINOGEN, analysis/ PLASMINOGEN, antagonists & inhibitors/ PREGNANCY/ *PUERPERIUM/ TIME FACTORS/ *VEINS, enzymology/ VENOUS PRESSURE

236. **Astedt B:** Fibrinolytic activity of veins during treatment with medroxyprogesterone acetate. Acta Obstet Gynecol Scand 51:283-6, 1972
AGED/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION FACTORS, analysis/ CLINICAL RESEARCH/ CONSTRICTION/ CONTRACEPTIVES, ORAL/ FEMALE/ *FIBRINOLYSIS, drug effects/ HAND, blood supply/ HISTOCYTOCHEMISTRY/ HUMAN/ MACROGLOBULINS, analysis/ MEDROXYPROGESTERONE, administration & dosage/ *MEDROXYPROGESTERONE, pharmacodynamics/ MIDDLE AGE/ PLASMINOGEN, analysis/ REGIONAL BLOOD FLOW/ *VEINS, analysis

237. **Astedt B, Svanberg L, Nilsson IM:** F.D.P. Lancet 2:1312, 16 Dec 72
ASCITIC FLUID, metabolism/ FEMALE/ *FIBRIN, metabolism/ *FIBRINOGEN, metabolism/ HUMAN/ *LIVER CIRRHOSIS, blood/ *OVARIAN NEOPLASMS, blood

238. **Aster RH, Miskovich BH, Rodey GE:** Histocompatibility antigens of human plasma. Localization to the HLD-3 lipoprotein fraction. Transplantation 16:205-10, Sep 73
APATITES/ BLOOD PLATELETS, immunology/ BLOOD PROTEIN ELECTROPHORESIS/ CHROMATOGRAPHY/ CHROMIUM ISOTOPES/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FEMALE/ GEL DIFFUSION TESTS/ *HISTOCOMPATIBILITY ANTIGENS/ HUMAN/ ISOANTIBODIES/ *LIPOPROTEINS, analysis/ LIPOPROTEINS, HDL, analysis/ LIPOPROTEINS, LDL, analysis/ LIPOPROTEINS, VLDL, analysis/ PREGNANCY

239. **Aswanikumar S, Radhakrishnan AN:** Studies on a peptidase acting on a synthetic collagenase substrate. Developmental pattern in rat granuloma tissue and distribution of enzyme in the tissues of various animals. Biochim Biophys Acta 304:210-6, 30 Mar 73
AGE FACTORS/ ANIMAL EXPERIMENTS/ AZO COMPOUNDS/ BENZYL COMPOUNDS/ BRAIN, enzymology/ *CLOSTRIDIOPEPTIDASE A/ COTTON/ *GRANULOMA, enzymology/ GUINEA PIGS/ INTESTINES, enzymology/ KIDNEY, enzymology/ LIVER, enzymology/ LUNG, enzymology/ MACACA/ MONKEYS/ MYOCARDIUM, enzymology/ ORGAN SPECIFICITY/ *PEPTIDE HYDROLASES, metabolism/ PEPTIDES/ RABBITS/ RATS/ *SKIN, enzymology/ SOLUBILITY/ SPECIES SPECIFICITY/ SPLEEN, enzymology

240. **Aszódi L, Stenszky E, Tímár I:** A leukocyták és thrombocyták isoantigénrend. Szereinek és pathogenetikai jelentőségüknek vizsgálata. I. Irodalmi áttekintés. A HL-A histocompatibilitási antigének vizsgálatának elözetes eredményei. Orv Hetil 114:70-4, 14 Jan 73 (Hun)
*BLOOD PLATELETS, immunology/ BLOOD TRANSFUSION/ COMMUNITY HEALTH SERVICES/ *HISTOCOMPATIBILITY ANTIGENS/ HUMAN/ HUNGARY/ ISOANTIGENS/ *LEUKOCYTES, immunology

241. **Atanacković D:** Alergična oboljenja disajnih puteva izazvana dejstvom encima deterdženata za pranje rubija (zbirni referat. Plucne Bolesti Tuberk 24:240-3, Jul-Sep 72 (7 ref.) (Cro)
BRONCHIAL SPASM, chemically induced/ *DETERGENTS, adverse effects/ *ENZYMES, adverse effects/ FEMALE/ HUMAN/ HYPERSENSITIVITY, DELAYED, chemically induced/ HYPERSENSITIVITY, IMMEDIATE, chemically induced/ LAUNDERING/ PEPTIDE HYDROLASES, adverse effects/ PEPTIDE PEPTIDOHYDROLASES, adverse effects/ *RESPIRATORY HYPERSENSITIVITY, chemically induced/ REVIEW/ SUBTILISINS, adverse effects

242. **Atanasov K:** Otnositel'no koagulegrammy pri infarkte miokarda. Folia Med (Plovdiv) 14:109-13, 1972 (Rus)
*BLOOD COAGULATION/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ HUMAN/ *MYOCARDIAL INFARCT, blood

243. **Atassi MZ, Peristein MT:** Immunochemistry of sperm-whale myoglobin. Conformation and immunochemistry of derivative reduced at some carboxyl groups by diborane. Biochemistry 11:3984-90, 10 Oct 72
ANTIGEN-ANTIBODY REACTIONS/ ANTIGENIC DETERMINANTS/ APOPROTEINS/ *BORON COMPOUNDS/ CETACEA/ CHEMISTRY/ CIRCULAR DICHROISM/ ELECTROPHORESIS, STARCH GEL/ GEL DIFFUSION TESTS/ GLUTAMATES/ GOATS, immunology/ HEME/ MODELS, STRUCTURAL/ *MYOGLOBIN/ MYOGLOBIN, analysis/ OPTICAL ROTATORY DISPERSION/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ PRECIPITIN TESTS/ PROTEIN BINDING/ PROTEIN CONFORMATION/ RABBITS, immunology/ SPECTROPHOTOMETRY/ TRYPSIN/ ULTRAVIOLET RAYS

244. **Atassi MZ, Peristein MT, Rosemblatt MC, et al:** Fully automated simple analytical peptide chromatography on the amino acid analyzer at the 10- 8 mole level. Anal Biochem 49:164-72, Sep 72
*AUTOANALYSIS/ BUFFERS/ CETACEA/ *CHROMATOGRAPHY, ION EXCHANGE/ INDICATORS AND REAGENTS/ MURAMIDASE, analysis/ MYOGLOBIN, analysis/ *PEPTIDES, analysis/ TEMPERATURE/ TIME FACTORS/ TRYPSIN

245. **Atassi MZ, Sullman AM, Habeeb AF:** Enzymic and immunochemical properties of lysozyme. VI. Conformation, enzymic activity and immunochemistry of derivatives modified at arginine residues. Immunochemistry 9:907-20, Sep 72
ALDEHYDES/ ANTIGENIC DETERMINANTS/ *ANTIGENS/ *ARGININE/ CHYMOTRYPSIN/ CIRCULAR DICHROISM/ CROSS REACTIONS/ CYCLOHEXANE/ DISULFIDES/ ETHYLAMINES/ GEL DIFFUSION TESTS/ GOATS, immunology/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *MURAMIDASE/ OPTICAL ROTATORY DISPERSION/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ PRECIPITIN TESTS/ PROTEIN CONFORMATION/ SODIUM HYDROXIDE/ TRYPSIN

246. **Atik M, Matini K, Sioss B:** A new approach to the problem of massive gastrointestinal bleeding. Am Surg 39:48-56, Jan 73
AGED/ ALCOHOLISM, complications/ *BLOOD PLATELET DISORDERS, etiology/ BLOOD PLATELET DISORDERS, therapy/ BLOOD TRANSFUSION/ HEMORRHAGE, GASTROINTESTINAL, blood/ *HEMORRHAGE, GASTROINTESTINAL, complications/ HEMORRHAGE, GASTROINTESTINAL, therapy/ HUMAN/ MIDDLE AGE/ PLATELET ADHESIVENESS/ PSEUDOMONAS INFECTIONS, complications/ SEPTICEMIA, complications/ WOUNDS AND INJURIES, complications

247. **Atik M, Matini K:** Platelet dysfunction: an important factor in massive bleeding from stress ulcer. J Trauma 12:834-42, Oct 72
*BLOOD PLATELET DISORDERS, complications/ *DUODENAL ULCER, complications/ *HEMORRHAGE, GASTROINTESTINAL, etiology/ INFECTION,

complications/ SHOCK, complications/ *STOMACH ULCER, complications/ *STRESS, complications/ WOUNDS AND INJURIES, complications

248. **Atkinson A, Jack GW:** Precipitation of nucleic acids with polyethyleneimine and the chromatography of nucleic acids and proteins on immobilised polyethyleneimine.
Biochim Biophys Acta 308:41-52, 21 Apr 73
BACILLUS/ BACTERIAL PROTEINS, isolation & purification/ CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ *DNA, BACTERIAL, isolation & purification/ ESCHERICHIA COLI/ EVALUATION STUDIES/ HYDROGEN-ION CONCENTRATION/ *IMINES/ METHODS/ MICROCOCCUS/ OSMOLAR CONCENTRATION/ PHOSPHORUS ISOTOPES/ *POLYETHYLENES/ PRECIPITATION/ PROTAMINES/ *RNA, BACTERIAL, isolation & purification/ SPECTROPHOTOMETRY, ULTRAVIOLET

249. **el-Attar O, Shaheen H, el-Saadani AM, et al:** Fibrinolytic activity in bilharzial hepatic fibrosis.
J Egypt Med Assoc 55:512-9, 1972
ADULT/ *FIBRINOLYSIS/ HUMAN/ LIVER CIRRHOSIS, blood/ LIVER CIRRHOSIS, etiology/ *LIVER DISEASES, PARASITIC, blood/ MALE/ MIDDLE AGE/ *SCHISTOSOMIASIS, blood/ SCHISTOSOMIASIS, complications

250. **Attar S, McLaughlin JS, Masaitis C:** Clinical application of platelet aggregation.
South Med J 66:481-5, Apr 73
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ASPIRIN, pharmacodynamics/ ASPIRIN, therapeutic use/ *BLOOD PLATELETS, drug effects/ CEREBRAL EMBOLISM AND THROMBOSIS, drug therapy/ CEREBRAL EMBOLISM AND THROMBOSIS, prevention & control/ DIPYRIDAMOLE, therapeutic use/ EPINEPHRINE, pharmacodynamics/ HUMAN/ *PLATELET ADHESIVENESS, drug effects/ THROMBIN, pharmacodynamics/ THROMBOSIS, drug therapy/ THROMBOSIS, prevention & control/ WARFARIN, therapeutic use

251. **Aubertin AM, Hirth C, Travo C, et al:** Preparation and properties of an inhibitory extract from frog virus 3 particles.
J Virol 11:694-701, May 73
CARCINOMA/ CELL LINE/ DEXTRAN, pharmacodynamics/ *DNA VIRUSES/ DNA VIRUSES, analysis/ DNA VIRUSES, enzymology/ DNA VIRUSES, growth & development/ FROGS/ HAMSTERS/ HEAT/ HUMAN/ KIDNEY/ MOUTH NEOPLASMS/ NEUTRALIZATION TESTS/ ORNITHINE, pharmacodynamics/ PROTEIN DENATURATION/ RNA, NEOPLASM, biosynthesis/ STEREOISOMERS/ SURFACE-ACTIVE AGENTS/ TRITIUM/ TRYPSIN, pharmacodynamics/ UREA, pharmacodynamics/ *VIRAL PROTEINS/ VIRAL PROTEINS, isolation & purification/ VIRAL PROTEINS, pharmacodynamics

252. **Audier M:** Etude clinique d'un nouvel anticoagulant: le L.D. 4610.
Mars Med 109:385-7, 1972 (Fre)
ADULT/ AGED/ *ANTICOAGULANTS, therapeutic use/ CLINICAL RESEARCH/ FEMALE/ HUMAN/ *INDENES, therapeutic use/ KETONES, therapeutic use/ MALE/ MIDDLE AGE/ MORPHOLINES, therapeutic use/ MYOCARDIAL INFARCT, drug therapy

253. **Auer G:** Cytochemical properties of nuclear chromatin as demonstrated by the colloidal iron binding technique.
Exp Cell Res 75:237-44, Nov 72
ACETIC ACIDS/ ACETYLATION/ ANHYDRIDES/ CELLS, CULTURED/ *CHROMATIN, metabolism/ COLLOIDS/ DNA, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *IRON, metabolism/ LYMPHOCYTES, drug effects/ LYMPHOCYTES, growth & development/ LYMPHOCYTES, metabolism/ NUCLEIC ACID CONFORMATION/ OSMOLAR CONCENTRATION/ PLANT AGGLUTININS, pharmacodynamics/ PROTEIN BINDING/ PROTEIN CONFORMATION/ TRYPSIN

254. **Auerswald W, Doleschel W:** The activating mechanism of human plasminogen through streptokinase. Inhibition experiments with BAL.
Pharmacology 8:232-4, 1972
DIMERCAPROL, administration & dosage/ DIMERCAPROL, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENZYME ACTIVATION, drug effects/ FIBRINOLYSIN, antagonists & inhibitors/ FIBRINOLYTIC AGENTS/ HUMAN/ PLASMINOGEN, antagonists & inhibitors/ *PLASMINOGEN, metabolism/ STREPTOKINASE, antagonists & inhibitors/ *STREPTOKINASE, metabolism

255. **Augusteyn RC:** Primary structure of cytochrome c from the emu, Dromaeus novaehollandiae.
Biochim Biophys Acta 303:1-7, 23 Mar 73
*AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ AUSTRALIA/ BIRDS/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ *CYTOCHROME C, analysis/ CYTOCHROME C, isolation & purification/ ELECTROPHORESIS, STARCH GEL/ GEL FILTRATION/ MUSCLES, analysis/ PEPTIDES, analysis/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET

256. **Augustinsson KB, Axenfors B:** Aromatic thiol esters as substrates in quantitative esterase determinations.
Anal Biochem 48:428-36, Aug 72
ACETIC ACIDS/ ACETYLCHOLINESTERASE, blood/ ACETYLCHOLINESTERASE, isolation & purification/ BENZOATES/ CARBONIC ANHYDRASE, analysis/ CATTLE/ CHYMOTRYPSIN, analysis/ ELECTRIC ORGAN, enzymology/ ERYTHROCYTES, enzymology/ *ESTERASES, analysis/ ESTERASES, blood/ ESTERASES, isolation & purification/ ESTERS/ HORSES/ HUMAN/ KINETICS/ LIPASE, analysis/ NITROPHENOLS/ PANCREAS, enzymology/ PHENYLACETATES/ PHENYLBUTYRATES/ PHOSPHOLIPASE, analysis/ SPECTROPHOTOMETRY/ SULFIDES/ SWINE/ VENOMS, analysis

257. **Ault KA, Karnovsky MJ, Unanue ER:** Studies on the distribution of surface immunoglobulins of human B-lymphocytes.
J Clin Invest 52:2507-16, Oct 73
ANIMAL EXPERIMENTS/ ANTI-ANTIBODIES/ CELL MEMBRANE, immunology/ CENTRIFUGATION, DENSITY GRADIENT/ COLCHICINE/ EDTA/ FERRITIN/ FLUORESCEINS/ FLUORESCENT ANTIBODY TECHNIC/ FREEZE ETCHING/ GOATS, immunology/ HUMAN/ IGG/ IGM/ *IMMUNOGLOBULINS, analysis/ IMMUNOGLOBULINS, FAB/ IODINE ISOTOPES/ *LYMPHOCYTES, immunology/ MICE/ MICROSCOPY, ELECTRON/ RABBITS/ STAINS AND STAINING/ TRICHLOROACETIC ACID/ TRYPSIN

258. **Auricchio S, Ciccimarra F, Moauro L, et al:** Intraluminal and mucosal starch digestion in congenital deficiency of intestinal sucrase and isomaltase activities.
Pediatr Res 6:832-9, Nov 72
AGE FACTORS/ AMYLASE, analysis/ BLOOD SUGAR, analysis/ CARBOHYDRATES, administration & dosage/ CARBOHYDRATES, analysis/ CHILD, PRESCHOOL/ FECES, analysis/ *GLUCOSIDASE, metabolism/ GLYCOSIDE HYDROLASES, analysis/ HUMAN/ HYDROLYSIS/ INFANT/ INTESTINAL MUCOSA, enzymology/ INTESTINAL MUCOSA, metabolism/ INTESTINAL SECRETIONS, analysis/ INTESTINAL SECRETIONS, enzymology/ INTESTINES, metabolism/ *INTESTINES, metabolism/ *ISOENZYMES, metabolism/ JEJUNUM, enzymology/ LIPASE, analysis/ *METABOLISM, INBORN ERRORS, enzymology/ PECTINS, metabolism/ *STARCH,

metabolism/ *SUCRASE, metabolism/ TRYPSIN, analysis

259. **Aurstad K, Skeie AH:** Proteolytic and lipolytic enzymes from larvae of Oedemagena tarandi (L.).
Acta Vet Scand 14:168-75, 1973
ANIMAL EXPERIMENTS/ ENTEROBACTERIACEAE, isolation & purification/ INSECTS/ *INSECTS, enzymology/ LARVA/ LARVA, enzymology/ *LIPASE, metabolism/ METHODS/ MICROCOCCUS, isolation & purification/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, metabolism

260. **Austen DE, Bidwell E:** Carbohydrate structure in factor VIII. Thromb Diath Haemorrh 28:464-72, 31 Dec 72
ABO FACTORS, pharmacodynamics/ ANTIBODIES/ ANTIGEN-ANTIBODY REACTIONS/ CATTLE/ CHEMISTRY/ *FACTOR VIII, analysis/ FACTOR VIII, antagonists & inhibitors/ FACTOR VIII, metabolism/ *GLYCOPROTEINS, analysis/ GLYCOPROTEINS, metabolism/ GLYCOPROTEINS, pharmacodynamics/ HUMAN/ MONOSACCHARIDES, pharmacodynamics/ TRICHOMONAS, drug effects/ TRICHOMONAS, enzymology

261. **Autio L:** Yleissairauksien yhteydessä esiintyvät iskeemiset aivoverenkiertohäiriöt.
Duodecim 89:390-9, 1973 **(Fin)**
AGED/ ANGIOGRAPHY, adverse effects/ BLOOD COAGULATION DISORDERS, complications/ BLOOD PROTEIN DISORDERS, complications/ CARDIOVASCULAR DISEASES, complications/ CAROTID ARTERIES, injuries/ CEREBRAL ARTERIOSCLEROSIS, etiology/ CEREBRAL ISCHEMIA, TRANSIENT, etiology/ CEREBROVASCULAR DISORDERS, chemically induced/ *CEREBROVASCULAR DISORDERS, etiology/ CERVICAL VERTEBRAE, injuries/ CONTRACEPTIVE AGENTS, adverse effects/ HUMAN/ MIGRAINE, complications/ POLYCYTHEMIA, complications/ PULMONARY EMPHYSEMA, complications/ SPINAL CORD INJURIES, complications

262. **Auvert J, Debras C, Guegan Y:** Les hémorragies de l'adénomectomie prostatique.
J Urol Nephrol (Paris) 78:466-71, Jun 72 **(Fre)**
AGED/ ANESTHESIA/ BLOOD TRANSFUSION/ DIURESIS/ *HEMORRHAGE, etiology/ HEMORRHAGE, prevention & control/ HEMOSTASIS/ HUMAN/ MALE/ METHODS/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PREOPERATIVE CARE/ *PROSTATECTOMY/ *PROSTATIC HYPERTROPHY, surgery/ URINARY CALCULI, complications/ URINARY TRACT INFECTIONS, complications

263. **Avadhani NG, Buetow DE:** A proposed role for 5S ribosomal RNA.
Biochem Biophys Res Commun 50:443-51, 23 Jan 73
ANIMAL EXPERIMENTS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ EUGLENA GRACILIS, cytology/ EUGLENA GRACILIS, metabolism/ HEPARIN, pharmacodynamics/ KINETICS/ PROTEINS, biosynthesis/ RIBOSOMES, metabolism/ *RNA, RIBOSOMAL, metabolism/ TIME FACTORS/ TRITIUM

264. **Avadhani NG, Buetow DE:** Isolation of active polyribosomes from the cytoplasm, mitochondria and chloroplasts of Euglena gracilis.
Biochem J 128:353-65, Jun 72
AMINO ACIDS, metabolism/ CELL FRACTIONATION/ CENTRIFUGATION, DENSITY GRADIENT/ CHLORAMPHENICOL, pharmacodynamics/ *CHLOROPLASTS/ CYCLOHEXIMIDE, pharmacodynamics/ *CYTOPLASM/ *EUGLENA GRACILIS, cytology/ HEPARIN, pharmacodynamics/ MAGNESIUM/ METHODS/ *MITOCHONDRIA/ *POLYRIBOSOMES/ POLYRIBOSOMES, analysis/ POLYRIBOSOMES, drug effects/ POLYRIBOSOMES, metabolism/ PROTEINS, biosynthesis/ RIBONUCLEASE, antagonists & inhibitors/ RNA, RIBOSOMAL, analysis

265. **Avakian AV:** Vozdeistvie proteoliticheskikh fermentov tripsina i khimopsina na mezhpozvonochnyi disk v eksperimente.
Eksp Khir Anesteziol 17:23-5, Sep-Oct 72 **(Rus)**
ANIMAL EXPERIMENTS/ *CHYMOTRYPSIN, administration & dosage/ CHYMOTRYPSIN, therapeutic use/ DOGS/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ INJECTIONS/ INTERVERTEBRAL DISK, drug effects/ *INTERVERTEBRAL DISK DISPLACEMENT, drug therapy/ *TRYPSIN, administration & dosage/ TRYPSIN, therapeutic use

266. **Avanzi G:** Attività antifibrinolitica ed antiemorragica dell'acido trans-aminometil-cicloesano-carbossilico (AMCHA). Esperienza clinica.
Minerva Med 63:4758-66, 5 Dec 72 **(Ita)**
ADMINISTRATION, ORAL/ *ANTIFIBRINOLYTIC AGENTS, therapeutic use/ BLOOD COAGULATION TESTS/ CLINICAL RESEARCH/ CYCLOHEXANECARBOXYLIC ACIDS, administration & dosage/ *CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FEMALE/ HEMOPTYSIS, drug therapy/ *HEMORRHAGE, drug therapy/ HEMORRHAGE, GASTROINTESTINAL, drug therapy/ HEMORRHAGE, ORAL, drug therapy/ HUMAN/ MALE/ MELENA, drug therapy/ MENORRHAGIA, drug therapy/ METHYLAMINES, administration & dosage/ METHYLAMINES, therapeutic use/ METRORRHAGIA, drug therapy/ MIDDLE AGE/ PREGNANCY/ SHOCK, HEMORRHAGIC, drug therapy/ TIME FACTORS/ UTERINE HEMORRHAGE, drug therapy

267. **Avdeeva NA:** K otsenke fibrinoliticheskoi aktivnosti krovi. Lab Delo 11:668-9, 1972 **(Rus)**
BLOOD COAGULATION TESTS/ *FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HUMAN/ MATHEMATICS/ METHODS

268. **Averina RI, Alieva ZM:** Vliianie furosemida na svertyvaemost' krovi. Sov Med 35:115-8, Aug 72 **(Rus)**
ADULT/ AGED/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION DISORDERS, etiology/ FEMALE/ *FUROSEMIDE, pharmacodynamics/ HEART DISEASES, complications/ HEART DISEASES, drug therapy/ HUMAN/ MALE/ MIDDLE AGE

269. **Avery MJ, Hopkins TR:** Is -chymotrypsin an autolytic product in the activation scheme of chymotrypsinogen A?
Biochim Biophys Acta 310:142-7, 17 May 73
CATTLE/ *CHYMOTRYPSIN/ *CHYMOTRYPSINOGEN/ ENZYME ACTIVATION/ ENZYME PRECURSORS/ FLUORESCENCE SPECTROMETRY/ KINETICS/ PANCREAS/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ TIME FACTORS/ UREA

270. **Avila FR, Schultz RM, Tompkins WA:** Specific macrophage immunity to vaccinia virus: macrophage-virus interaction.
Infect Immun 6:9-16, Jul 72
ADSORPTION/ ANIMAL EXPERIMENTS/ CELLS, CULTURED/ CROSS REACTIONS/ CYTOPATHOGENIC EFFECT, VIRAL/ FLUORESCENT ANTIBODY TECHNIC/ GUINEA PIGS, immunology/ IMMUNITY, CELLULAR/ IMMUNIZATION/ KIDNEY/ *MACROPHAGES, immunology/ MYXOMA VIRUS, immunology/ NEUTRALIZATION TESTS/ PERITONEUM, immunology/ RABBITS/ TRYPSIN/ *VACCINIA VIRUS, immunology/ VACCINIA VIRUS, isolation & purification/ VIRUS REPLICATION

271. **Avila JL, Convit J:** Studies on human polymorphonuclear leukocyte enzymes. II.

Comparative study of the physical properties of primary and specific granules.
Biochim Biophys Acta 293:409-23, 15 Feb 73
ACETIC ACIDS/ CATHEPSIN, blood/ CYANIDES/ *CYTOPLASMIC GRANULES, enzymology/ CYTOSOL, enzymology/ DIGITONIN, pharmacodynamics/ ENZYME ACTIVATION/ FREEZING/ GALACTOSIDASE, blood/ GLUCOSAMINIDASE, blood/ GLUCURONIDASE, blood/ HEPARIN, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IONS, pharmacodynamics/ LEUKOCYTES, cytology/ LEUKOCYTES, drug effects/ *LEUKOCYTES, enzymology/ MURAMIDASE, blood/ NADH, NADPH OXIDOREDUCTASES, blood/ OSMOLAR CONCENTRATION/ POTASSIUM CHLORIDE, pharmacodynamics/ SUCROSE, pharmacodynamics/ SURFACE-ACTIVE AGENTS, pharmacodynamics/ TEMPERATURE/ TIME FACTORS

272. **Avila JL, Convit J:** Studies on human polymorphonuclear leukocyte enzymes. I. Assay of acid hydrolases and other enzymes.
Biochim Biophys Acta 293:397-408, 15 Feb 73
ACETIC ACIDS/ ACID PHOSPHATASE, blood/ ALKALINE PHOSPHATASE, blood/ BLOOD PROTEINS, analysis/ CATHEPSIN, blood/ CYANIDES/ DNA, blood/ DRUG STABILITY/ GALACTOSIDASE, blood/ GLUCOSAMINIDASE, blood/ GLUCURONIDASE, blood/ HEPARIN, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *HYDROLASES, blood/ ISOMERISM/ KINETICS/ LEUKOCYTES, cytology/ LEUKOCYTES, drug effects/ *LEUKOCYTES, enzymology/ NADH, NADPH OXIDOREDUCTASES, blood/ OSMOLAR CONCENTRATION/ PEROXIDASES, blood/ RABBITS/ SUBCELLULAR FRACTIONS, enzymology/ TARTRATES, pharmacodynamics/ TIME FACTORS

273. **Avirachan S, Kajii T:** Double heteroploidy, 46, XY, t(13q14q), +18, in a spontaneous abortus.
Clin Genet 4:101-4, 1973
*ABORTION, familial & genetic/ ADULT/ AMNION, cytology/ *CHROMOSOME ABERRATIONS/ *CHROMOSOME ABNORMALITIES/ CHROMOSOMES, HUMAN, 13-15/ CHROMOSOMES, HUMAN, 16-18/ FEMALE/ FETUS, cytology/ GESTATIONAL AGE/ HUMAN/ KARYOTYPING/ LYMPHOCYTES/ MALE/ PREGNANCY/ TRYPSIN, diagnostic use/ UMBILICAL CORD, cytology

274. **Avruch J, Price HD, Martin DB, et al:** Effect of low levels of trypsin on erythrocyte membranes.
Biochim Biophys Acta 291:494-505, 26 Jan 73
BLOOD PROTEINS, analysis/ *CELL MEMBRANE, drug effects/ CELL MEMBRANE PERMEABILITY, drug effects/ CENTRIFUGATION, DENSITY GRADIENT/ CHOLESTEROL, analysis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ERYTHROCYTES, analysis/ *ERYTHROCYTES, cytology/ ERYTHROCYTES, drug effects/ GLUCOSE, metabolism/ HUMAN/ IN VITRO/ PEPTIDES/ PHOSPHOLIPIDS, analysis/ SODIUM DODECYL SULFATE/ SUCROSE/ TIME FACTORS/ *TRYPSIN, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics

275. **Awad JA, Matte J, Brassard A:** Prolonged extracorporeal respiration with a membrane gas exchanger. J Thorac Cardiovasc Surg 66:40-51, Jul 73
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD COAGULATION/ BLOOD PLATELETS/ CARBON DIOXIDE, blood/ DOGS/ EXTRACORPOREAL CIRCULATION/ FIBRINOGEN, blood/ *HEART, MECHANICAL/ HEART SURGERY/ HEMOGLOBIN, analysis/ HEPARIN, blood/ HEPARIN, pharmacodynamics/ LEUKOCYTE COUNT/ *MEMBRANES, ARTIFICIAL/ OXYGEN, blood/ OXYGENATORS, MEMBRANE/ PROTHROMBIN TIME/ TIME FACTORS

276. **Awad WM Jr, Ochoa MS, Toomey TP:** Self purification of two serine endopeptidases.
Proc Natl Acad Sci USA 69:2561-5, Sep 72
ALCOHOL, ETHYL/ CATALYSIS/ CHROMATOGRAPHY, ION EXCHANGE/ DANSYL COMPOUNDS/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ GUANIDINES/ ISOFLUROPHATE/ ISOLEUCINE, analysis/ *PEPTIDE HYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, analysis/ *PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ PHOSPHORUS ISOTOPES/ PRONASE/ PROTEIN CONFORMATION/ SERINE/ TYROSINE

277. **Awe WC, Eidemiller L:** Selective angiography in splenic trauma. Am J Surg 126:171-9, Aug 73
ADULT/ ANGIOGRAPHY/ FEMALE/ HEMATOMA, radiography/ HUMAN/ MALE/ MIDDLE AGE/ SPLEEN, blood supply/ *SPLEEN, injuries/ SPLEEN, radiography/ SPLEEN, surgery/ WOUNDS AND INJURIES, radiography

278. **Awe WC, Loehden OL:** Automatic stapling devices.
Am Surg 39:475-6, Aug 73
AUTOMATION/ COLON, surgery/ GASTRECTOMY, instrumentation/ GASTROSTOMY, instrumentation/ HEMOSTASIS, instrumentation/ HUMAN/ ILEUM, surgery/ JEJUNUM, surgery/ METHODS/ *SURGICAL STAPLERS/ TIME FACTORS

279. **Ayling JE, Boehm GR, Textor SC, et al:** Kinetics of phenylalanine hydroxylase with analogs of tetrahydrobiopterin.
Biochemistry 12:2045-51, 22 May 73
AMINOBENZOIC ACID/ AMINOPTERIN/ AMMONIUM SULFATE/ ANIMAL EXPERIMENTS/ BINDING SITES/ CATALYSIS/ DIALYSIS/ GLUTAMATES/ KETONES/ KINETICS/ *LIVER, enzymology/ OXIDATION-REDUCTION/ *PHENYLALANINE HYDROXYLASE/ PHENYLALANINE HYDROXYLASE, antagonists & inhibitors/ PROTAMINES/ *PTERIDINES/ RATS/ SPECTROPHOTOMETRY, ULTRAVIOLET/ STRUCTURE-ACTIVITY RELATIONSHIP/ SULFURIC ACIDS/ TYROSINE/ ULTRAFILTRATION

280. **Azariah J:** Studies on metachromasia. 1. The non-specificity of green metachromasia to toluidine blue. Acta Histochem (Jena) 43:254-9, 1972
ACETIC ACIDS, analysis/ ANIMAL EXPERIMENTS/ CELL NUCLEUS, analysis/ CITRATES, analysis/ COLOR/ DNA, analysis/ *DYES/ FORMIC ACIDS, analysis/ HEPARIN, diagnostic use/ HYDROCHLORIC ACID, analysis/ INSECTS/ LACTATES, analysis/ MALATES, analysis/ METHODS/ NITRATES, analysis/ OVUM, analysis/ *PHENOTHIAZINES/ PHOSPHORIC ACIDS, analysis/ RNA, analysis/ SPERMATOZOA, analysis/ SULFURIC ACIDS, analysis/ TOLUIDINE BLUE O/ YEASTS, analysis

281. **Azariah J:** Studies on metachromasia. II. Probable cause for the differential staining by toluidine blue of nucleic acids in tissue sections.
Acta Histochem (Jena) 44:9-14, 1972
ALCOHOL, ETHYL/ CATECHOL/ COLOR/ CRESOLS/ *DNA, isolation & purification/ *DYES/ HEPARIN/ HISTOCYTOCHEMISTRY/ HISTOLOGICAL TECHNICS/ MUCOPOLYSACCHARIDES/ *PHENOTHIAZINES/ PHYSICS/ PLANTS, anatomy & histology/ *STAINS AND STAINING

282. **Azen EA:** Properties of salivary basic proteins showing polymorphism. Biochem Genet 9:69-86, May 73
ALLELES/ ANIMAL EXPERIMENTS/ DOGS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ELECTROPHORESIS, STARCH GEL/ FEMALE/ GENES, DOMINANT/ HUMAN/ INFANT, NEWBORN/ MACACA/ MALE/ MONKEYS/ NEGROID RACE/ PAROTID GLAND, analysis/ PEPTIDE HYDROLASES/

PHENOTYPE/ *POLYMORPHISM (GENETICS)/ *PROTEINS, analysis/ RATS/ *SALIVA, analysis/ SPECIES SPECIFICITY/ UREA

283. **Azzollini F, Garzaniga A, Lodola E, et al:** Elimination of chloramphenicol and thiamphenicol in subjects with cirrhosis of the liver.
Int J Clin Pharmacol 6:130-4, Jun 72
ACETAMIDES, blood/ ACETAMIDES, metabolism/ ADULT/ AGED/ BILIRUBIN, blood/ CHLORAMPHENICOL, blood/ *CHLORAMPHENICOL, metabolism/ FEMALE/ HALF-LIFE/ HUMAN/ *LIVER CIRRHOSIS, metabolism/ MALE/ MIDDLE AGE/ PHENETHYLAMINES, blood/ *PHENETHYLAMINES, metabolism/ PROTHROMBIN, analysis/ SERUM ALBUMIN, analysis/ SULFONES, blood/ SULFONES, metabolism

B

284. **Baadenhuijsen H, Pont JJ de, Daemen FJ:** Uptake and efflux of 87 rubidium by human blood platelets.
Biochim Biophys Acta 298:690-701, 29 Mar 73
BIOLOGICAL TRANSPORT/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ DIALYSIS/ HUMAN/ KINETICS/ POTASSIUM, metabolism/ POTASSIUM, pharmacodynamics/ RADIOISOTOPES/ RUBIDIUM/ *RUBIDIUM, blood/ RUBIDIUM, metabolism/ SODIUM, metabolism/ TIME FACTORS

285. **Baar S:** Albumin and hydroxy-ethyl starch in the cryopreservation of red cells--an in vitro study.
Transfusion 13:73-83, Mar 73
ADENOSINE TRIPHOSPHATE, blood/ *ALBUMINS/ *BLOOD PRESERVATION/ BLOOD VISCOSITY/ CRYOPROTECTIVE AGENTS/ ERYTHROCYTES/ *FREEZING/ GLYCEROPHOSPHATES, blood/ HEMOLYSIS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MICROSCOPY, ELECTRON, SCANNING/ *STARCH

286. **Baart de la Faille-Kuyp:** Immunohistochemisch onderzoek bij lichen ruber.
Ned Tijdschr Geneeskd 117:473, 17 Mar 73 (Dut)
COMPLEMENT, analysis/ FIBRIN, analysis/ HISTOCYTOCHEMISTRY/ HUMAN/ IGA, analysis/ IGG, analysis/ IGM, analysis/ *IMMUNOGLOBULINS, analysis/ *LICHEN PLANUS, immunology

287. **Babashev BS, Voronov SA:** Vozniknovenie opukolei v stenke vrozhdennykh kist legkogo.
Vopr Onkol 18:79-81, 1972 (Rus)
ADULT/ CHILD/ *CYSTS, congenital/ FEMALE/ HEMANGIOPERICYTOMA, pathology/ HUMAN/ *LUNG DISEASES, congenital/ *LUNG NEOPLASMS, etiology/ LUNG NEOPLASMS, pathology/ LUNG NEOPLASMS, radiography/ MALE/ MIDDLE AGE

288. **Babb RR, Lillington GA, Kempson RL:** Cirrhosis in an adult with emphysema and alpha 1-antitrypsin deficiency.
Am J Dig Dis 18:803-7, Sep 73
AGED/ BIOPSY/ HUMAN/ LIVER, pathology/ *LIVER CIRRHOSIS, etiology/ MALE/ *METABOLISM, INBORN ERRORS, complications/ METABOLISM, INBORN ERRORS, familial & genetic/ *PULMONARY EMPHYSEMA, etiology/ TRYPSIN INHIBITORS, blood/ *TRYPSIN INHIBITORS, metabolism

289. **Babel PJ:** Angiomatoses et malformations rétiniennes.
Bull Soc Ophtalmol Fr 72:65-74, Jan 72 (Fre)
*ANGIOMATOSIS/ HUMAN/ RETINAL DEGENERATION, etiology/ RETINAL HEMORRHAGE, etiology/ *RETINAL VESSELS

290. **Babich VP, Byshevskii ASh:** Metod opredeleniia obshchei antitrombinovoi aktivnosti, antitrombinov II, 3 i I.
Lab Delo 8:467-70, 1972 (Rus)
*ANTITHROMBIN, blood/ *BLOOD COAGULATION TESTS/ METHODS

291. **Babin DR, Goos SM:** Amino-acid sequence of a peptide from human-serum albumin.
Eur J Biochem 34:409-14, 2 May 73
ALKYLATION/ AMINO ACID SEQUENCE/ AUTOANALYSIS/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ GEL FILTRATION/ HUMAN/ IODOACETATES/ *PEPTIDES, analysis/ PROLINE, analysis/ *SERUM ALBUMIN, analysis/ TRYPSIN

292. **Bacardí-Noguera R, Rubies-Prat J, Salmerón B, et al:** Papiledema bilateral en la enfermedad de Behcet (efecto de la heparina.
Rev Clin Esp 129:405-8, 31 May 73 (Spa)
ADULT/ *BEHCET'S SYNDROME, complications/ BEHCET'S SYNDROME, drug therapy/ CEREBROVASCULAR DISORDERS, etiology/ EYE, drug effects/ *HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, etiology/ MALE/ *PAPILLEDEMA, drug therapy/ PAPILLEDEMA, etiology/ VISION, drug effects

293. **Bachmann H, Biesold D, Eichner B, et al:** Zur diagnose und Differentialdiagnose der hepatozerebralen Degeneration (Westphal-Strümpell-Wilsonsche Erkrankung.
Z Aerztl Fortbild (Jena) 66:670-4, 1 Jul 72 (Ger)
ADOLESCENCE/ ADULT/ AGE FACTORS/ ANEMIA, HEMOLYTIC, diagnosis/ CERULOPLASMIN, analysis/ CHILD/ CHILD BEHAVIOR DISORDERS, diagnosis/ CHILD, PRESCHOOL/ COPPER, blood/ DIAGNOSIS, DIFFERENTIAL/ EXTRAPYRAMIDAL DISORDERS, diagnosis/ FEMALE/ FRACTURES, SPONTANEOUS, diagnosis/ HEPATITIS, INFECTIOUS, diagnosis/ HEPATOLENTICULAR DEGENERATION, blood/ HEPATOLENTICULAR DEGENERATION, classification/ *HEPATOLENTICULAR DEGENERATION, diagnosis/ HUMAN/ LIVER CIRRHOSIS, diagnosis/ MALE/ OSTEOARTHRITIS, diagnosis/ OSTEOPOROSIS, diagnosis/ PSYCHOSES, diagnosis/ SPEECH DISORDERS, diagnosis/ THROMBOPENIA, diagnosis

294. **Bachmayer H:** Effect of tryptophan modification on the activity of bacterial and viral neuraminidase.
FEBS Lett 23:217-9, 15 Jun 72
ALKYLATION/ BROMINE/ CATTLE/ CHEMISTRY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ *CLOSTRIDIUM PERFRINGENS, enzymology/ *INFLUENZA VIRUSES, enzymology/ LACTOSE, pharmacodynamics/ NEURAMINIC ACIDS, pharmacodynamics/ *NEURAMINIDASE/ NEURAMINIDASE, analysis/ NEURAMINIDASE, isolation & purification/ OXIDATION-REDUCTION/ PEPTIDE HYDROLASES, analysis/ PROTEIN CONFORMATION/ SERUM ALBUMIN, BOVINE, pharmacodynamics/ STRUCTURE-ACTIVITY RELATIONSHIP/ SUCCINIMIDES/ *TRYPTOPHAN

295. **Baciu I, Dorofteiu M, Olteanu A, et al:** Biogeneza eritropoietinei. II. Mecanisme enzimatice extrarenale.
Fiziol Norm Patol 19:127-36, Mar-Apr 73 (Rum)
ACETYLCHOLINESTERASE, pharmacodynamics/ AMINOCAPROIC ACID, pharmacodynamics/ ANEMIA, physiopathology/ ANIMAL EXPERIMENTS/ ANOXIA, physiopathology/ ENGLISH ABSTRACT/ ERYTHROPOIESIS, drug effects/ *ERYTHROPOIETIN, biosynthesis/ ESTERASES, physiology/ HYALURONIDASE, pharmacodynamics/ KALLIKREIN, pharmacodynamics/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ NEPHRECTOMY/ PEPTIDE HYDROLASES, physiology/ RATS

296. **Backhausz R, Berzy I, Porgányi M, et al:** Waldenström-féle macroglobulinaemia és cirrhosis hepatis együttes elöfordulása.
Orv Hetil 113:2773-5, 12 Nov 72 (Hun)
AGED/ BLOOD COAGULATION TESTS/

HUMAN/ IGG, analysis/ IGM, analysis/ *LIVER CIRRHOSIS, complications/ LIVER CIRRHOSIS, immunology/ *MACROGLOBULINEMIA, complications/ MACROGLOBULINEMIA, immunology/ MALE

297. **Baden JP, Sonnenfield M, Ferlic RM, et al:** The precise management of heparin therapy.
Am J Surg 124:777-9, Dec 72
*BLOOD COAGULATION TESTS/ HEMODIALYSIS/ *HEPARIN, therapeutic use/ HUMAN/ METHODS/ TIME FACTORS

298. **Baden M, Papageorgiou A, Joshi VV, et al:** Upper airway obstruction in a newborn secondary to hemangiopericytoma.
Can Med Assoc J 107:1202-4, 23 Dec 72
*AIRWAY OBSTRUCTION, congenital/ AIRWAY OBSTRUCTION, etiology/ AIRWAY OBSTRUCTION, surgery/ *ASPHYXIA NEONATORUM, etiology/ FEMALE/ HEMANGIOPERICYTOMA, complications/ *HEMANGIOPERICYTOMA, congenital/ HEMANGIOPERICYTOMA, radiotherapy/ HEMANGIOPERICYTOMA, surgery/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ INFANT, NEWBORN, DISEASES, radiotherapy/ INFANT, NEWBORN, DISEASES, surgery/ INTUBATION, INTRATRACHEAL/ NECK NEOPLASMS, complications/ *NECK NEOPLASMS, congenital/ NECK NEOPLASMS, radiotherapy/ NECK NEOPLASMS, surgery

299. **Badowski A, Stanowski E, Daciewicz Z, et al:** Wpływ dekstranu-40 "Polfa" na układ krzepnięcia krwi w obrazie tromboelastograficznym i w niektórych badaniach pracownianych.
Pol Przegl Chir 45:445-52, Apr 73 (Pol)
ADULT/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ DEXTRAN, administration & dosage/ *DEXTRAN, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ THROMBELASTOGRAPHY

300. **Badowski A, Stanowski E, Pelasa J:** Wpływ dekstranu-65 "Polfa" na układ krzepnięcia krwi.
Wiad Lek 26:889-94, 15 May 73 (Pol)
ADULT/ *BLOOD COAGULATION, drug effects/ *DEXTRAN, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS, drug effects/ HUMAN/ MALE/ THROMBELASTOGRAPHY

301. **Badraoui MH, Bonnar J, Hillier K, et al:** Coagulation changes during termination of pregnancy by prostaglandins and by vacuum aspiration.
Br Med J 1:19-21, 6 Jan 73
*ABORTION, INDUCED, adverse effects/ ADOLESCENCE/ ADULT/ BLOOD CELL COUNT/ BLOOD COAGULATION DISORDERS, chemically induced/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD PLATELETS, physiology/ *EXTRACTION, OBSTETRICAL/ FACTOR V, analysis/ FACTOR VII, analysis/ FACTOR VIII, analysis/ FACTOR X, analysis/ FEMALE/ HUMAN/ PREGNANCY/ PROSTAGLANDINS, adverse effects/ *PROSTAGLANDINS, therapeutic use/ PROTHROMBIN TIME/ THROMBOEMBOLISM, etiology

302. **Baedeker W:** Die klinische Behandlung des kardiogenen Schocks.
Int J Clin Pharmacol 7:132-41, Apr 73 (78 ref.) (Ger)
ACIDOSIS, drug therapy/ ADRENERGIC ALPHA RECEPTOR AGONISTS, therapeutic use/ ADRENERGIC ALPHA RECEPTOR BLOCKADERS, therapeutic use/ ADRENERGIC BETA RECEPTOR AGONISTS, therapeutic use/ ANOXEMIA, drug therapy/ ARRHYTHMIA, diagnosis/ ARRHYTHMIA, drug therapy/ BICARBONATES, therapeutic use/ DIGITALIS GLYCOSIDES, therapeutic use/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ GLUCAGON, therapeutic use/ GLUCOCORTICOIDS, therapeutic use/ HEART AUSCULTATION/ HUMAN/ OXYGEN, therapeutic use/ RESPIRATION, ARTIFICIAL/ REVIEW/ SHOCK, CARDIOGENIC, drug therapy/ *SHOCK, CARDIOGENIC, therapy/ VENOUS PRESSURE

303. **Baehr R von, Baehr H von:** Veränderungen der Proteine der 1 - und 2 -Globuline im Verlauf der akuten Hepatitis infectiosa.
Z Gesamte Inn Med 27:754-6, 1 Sep 72 (Ger)
ADOLESCENCE/ ADULT/ ALANINE AMINOTRANSFERASE, analysis/ *ALPHA GLOBULIN, analysis/ BILIRUBIN, analysis/ BLOOD PROTEIN ELECTROPHORESIS/ CHILD/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, PAPER/ ENGLISH ABSTRACT/ FEMALE/ *GLYCOPROTEINS, analysis/ HAPTOGLOBINS, analysis/ *HEPATITIS, INFECTIOUS, immunology/ HUMAN/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ MALE/ MIDDLE AGE/ TRYPSIN INHIBITORS, analysis

304. **Baele G, Lameire N:** Hypercalciëmie en antitrombine-activiteit bij een geval van IgA-myeloma.
Ned Tijdschr Geneeskd 116:1444-50, 12 Aug 72 (Dut)
ADMINISTRATION, ORAL/ AGED/ *ANTITHROMBIN, blood/ *BLOOD COAGULATION DISORDERS, complications/ ENGLISH ABSTRACT/ HUMAN/ *HYPERCALCEMIA, complications/ HYPERCALCEMIA, drug therapy/ *IGA/ MALE/ MELPHALAN, therapeutic use/ MULTIPLE MYELOMA, blood/ *MULTIPLE MYELOMA, complications/ PHOSPHATES, administration & dosage/ PHOSPHATES, therapeutic use

305. **Baele G, Mussche M, Vermeire P:** Serum fibrin-fibrinogen degradation products in acute myocardial infarction. Lancet 1:689-90, 25 Mar 72
ACUTE DISEASE/ AGE FACTORS/ AGED/ *FIBRIN, metabolism/ *FIBRINOGEN, metabolism/ HUMAN/ MIDDLE AGE/ *MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, mortality/ SERODIAGNOSIS/ THROMBOPHLEBITIS, diagnosis

306. **Baele G, Mussche M, Vermeire P, et al:** Détermination des produits de dégradation du fibrinogène et de la fibrine (P.D.F.) à la phase aiguë de l'infarctus.
Arch Mal Coeur 66:427-9, Apr 73 (Fre)
AGE FACTORS/ AGED/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ ENGLISH ABSTRACT/ *FIBRIN, metabolism/ *FIBRINOGEN, metabolism/ HUMAN/ IODINE ISOTOPES/ MIDDLE AGE/ *MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, complications/ MYOCARDIAL INFARCT, metabolism/ PROGNOSIS/ THROMBOSIS, diagnosis

307. **Bagdasarian A, Talamo RC, Colman RW:** Isolation of high molecular weight activators of human plasma prekallikrein. J Biol Chem 248:3456-63, 25 May 73
ALCOHOL, ETHYL/ ALPHA GLOBULIN, antagonists & inhibitors/ *ALPHA GLOBULIN, isolation & purification/ BETA GLOBULIN, antagonists & inhibitors/ *BETA GLOBULIN, isolation & purification/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ ENZYME PRECURSORS, antagonists & inhibitors/ *ENZYME PRECURSORS, isolation & purification/ FACTOR XII/ GEL FILTRATION/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *KALLIKREIN/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ PLANTS/ PLASMINOGEN, analysis/ SODIUM DODECYL SULFATE/ SOY BEANS/ TRYPSIN INHIBITORS

308. **Baggiolini M:** The enzymes of the granules of polymorphonuclear leukocytes and their functions.
Enzyme 13:132-60, 1972 (150 ref.)
ACID PHOSPHATASE, blood/ ALKALINE PHOSPHATASE, blood/ ANIMAL

EXPERIMENTS/ BONE MARROW CELLS, enzymology/ CENTRIFUGATION, DENSITY GRADIENT/ *CYTOPLASMIC GRANULES, enzymology/ HISTOCYTOCHEMISTRY/ HUMAN/ HYDROLASES, blood/ IRON, blood/ LACTOGLOBULINS, blood/ *LYSOSOMES, enzymology/ MICROSCOPY, ELECTRON/ MURAMIDASE, blood/ NEUTROPHILS, cytology/ *NEUTROPHILS, enzymology/ OXIDOREDUCTASES, blood/ PEPTIDE HYDROLASES, blood/ PEROXIDASES, blood/ RABBITS/ REVIEW/ SPECIES SPECIFICITY/ SUBCELLULAR FRACTIONS, enzymology/ ULTRACENTRIFUGATION

309. **Baggish MS, Woodruff JD:** Uterine stromatosis. Clinicopathologic features and hormone dependency.
Obstet Gynecol 40:487-98, Oct 72
ADULT/ *ENDOMETRIOSIS, pathology/ FEMALE/ FOLLOW-UP STUDIES/ HEMANGIOPERICYTOMA, pathology/ HUMAN/ LEIOMYOMA, pathology/ MIDDLE AGE/ NEOPLASM METASTASIS/ NEOPLASM RECURRENCE, LOCAL/ PROGESTERONE, therapeutic use/ SARCOMA, pathology/ SARCOMA, RETICULUM CELL, pathology/ STAINS AND STAINING/ UTERINE NEOPLASMS, drug therapy/ UTERINE NEOPLASMS, mortality/ *UTERINE NEOPLASMS, pathology/ UTERINE NEOPLASMS, surgery

310. **Bahre G, Ochs HG, Eberhard A, et al:** Aktivität eines zirkulierenden Antikoagulans in Verlauf eines Lupus erythematodes visceralis disseminatus.
Med Welt 23:1821-3, 25 Nov 72 (Ger)
ADULT/ *BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ FEMALE/ HUMAN/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, blood/ LUPUS ERYTHEMATOSUS, SYSTEMIC, physiopathology

311. **Baier RE, Gott VL, Dutton RC:** Thromboresistance of Stellite 21: the role of an adventitious waxy contaminant. J Biomed Mater Res 6:465-70, Sep 72
ANIMAL EXPERIMENTS/ *CHROMIUM-COBALT ALLOYS/ DOGS/ *FIBRINOLYTIC AGENTS/ *HEART VALVE PROSTHESIS/ *SURFACE PROPERTIES/ SURFACE TENSION/ WAXES

312. **Bailey AJ, Lapière CM:** Effect of an additional peptide extension of the N-terminus of collagen from dermatosparactic calves on the cross-linking of the collagen fibres. Eur J Biochem 34:91-6, 2 Apr 73
ANIMAL EXPERIMENTS/ CATTLE/ *CATTLE DISEASES, familial & genetic/ *COLLAGEN, analysis/ COLLAGEN DISEASES, familial & genetic/ *COLLAGEN DISEASES, veterinary/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ MICROSCOPY, ELECTRON/ MOLECULAR CONFORMATION/ OXIDATION-REDUCTION/ PEPTIDE PEPTIDOHYDROLASES/ PEPTIDES/ PROTEIN PRECURSORS/ SKIN, analysis/ SODIUM DODECYL SULFATE

313. **Bailey RR:** Significance of coagulase-negative Staphylococcus in urine.
J Infect Dis 127:179-82, Feb 73
ADOLESCENCE/ ADULT/ ASPIRATION/ BACTERIOLOGICAL TECHNICS/ *BACTERIURIA/ BACTERIURIA, diagnosis/ BLADDER/ COAGULASE, biosynthesis/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ MIDDLE AGE/ PROTEUS MIRABILIS, isolation & purification/ SEASONS/ SPECIMEN HANDLING/ *STAPHYLOCOCCAL INFECTIONS, diagnosis/ STAPHYLOCOCCAL INFECTIONS, urine/ STAPHYLOCOCCUS, enzymology/ *STAPHYLOCOCCUS, isolation & purification/ *URINARY TRACT INFECTIONS, microbiology/ URINARY TRACT INFECTIONS, urine

314. **Bailey WC, Thompson DH, Carson B, et al:** Fetal hepatic necrosis in a woman receiving chemoprophylaxis with isoniazid.
Am J Gastroenterol 59:512-7, Jun 73
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ ANTIBIOTICS, therapeutic use/ AUTOPSY/ FEMALE/ HEPATITIS, TOXIC, blood/ HEPATITIS, TOXIC, drug therapy/ *HEPATITIS, TOXIC, etiology/ HEPATITIS, TOXIC, pathology/ HUMAN/ *ISONIAZID, adverse effects/ NECROSIS, blood/ *NECROSIS, chemically induced/ NECROSIS, drug therapy/ NECROSIS, pathology/ TUBERCULIN TEST/ TUBERCULOSIS, prevention & control/ VITAMIN K, therapeutic use

315. **Bailin G, Bárány M:** Thiolysis of dinitrophenylated myosin with restoration of adenosine triphosphatase activity. J Biol Chem 247:7815-21, 10 Dec 72
*ADENOSINE TRIPHOSPHATASE/ ALKYLATION/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CALCIUM/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CYSTEINE, analysis/ CYSTINE/ DISULFIDES/ FLUORINE/ *MERCAPTOETHANOL/ *MYOSIN/ MYOSIN, analysis/ *NITROBENZENES/ NITROBENZENES, analysis/ PEPSIN/ PEPTIDES, analysis/ POTASSIUM/ RABBITS/ STRUCTURE-ACTIVITY RELATIONSHIP/ SULFHYDRYL COMPOUNDS, analysis/ TRITIUM/ TRYPSIN/ TYROSINE

316. **Baille Y, Jausseran JM, Blanc T, et al:** Place de l'hépanothérapie dans la prevention du rejet après transplantation cardiaque. Etude expérimentale et clinique. Anatomopathologie.
Ann Chir Thorac Cardiovasc 11:315-20, Sep 72 (Fre)
ANIMAL EXPERIMENTS/ DOGS/ ENGLISH ABSTRACT/ *GRAFT REJECTION, prevention & control/ *HEART, transplantation/ *HEPARIN, therapeutic use/ PROGNOSIS/ RABBITS/ *TRANSPLANTATION, HETEROLOGOUS

317. **Baillie AJ, Sim AK:** The effects of some synthetic compounds on in vitro fibrinolytic activity measured by different methods and the relevance to activity in vivo. Thromb Diath Haemorrh 28:351-8, 31 Dec 72
ACETIC ACIDS/ AMINOCAPROIC ACID, pharmacodynamics/ *ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ *ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ BENZOIN, pharmacodynamics/ CASEIN/ CATTLE/ CLOT RETRACTION/ FIBRINOLYSIN, analysis/ *FIBRINOLYSIS, drug effects/ FLUFENAMIC ACID, pharmacodynamics/ HUMAN/ IN VITRO/ METHODS/ NAPHTHOLS/ SALICYLIC ACID, pharmacodynamics/ STREPTODORNASE AND STREPTOKINASE/ TRYPSIN INHIBITORS, pharmacodynamics

318. **Bain B:** Disseminated intravascular coagulation in benign tertian malaria. Br Med J 1:550, 3 Mar 73
ADULT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ HUMAN/ *MALARIA, complications/ MALE/ PLASMODIUM VIVAX

319. **Bak-Pedersen K, Tos M:** Mucous glands in the middle ear and osseous Eustachian tube.
Ann Otol Rhinol Laryngol 82:80-8, Jan-Feb 73
ADHESIONS/ ADULT/ AGED/ *EAR, MIDDLE, anatomy & histology/ *EUSTACHIAN TUBE, anatomy & histology/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MUCOUS MEMBRANE, cytology

320. **Bakals'ka VV:** Vplyv askorbinovoï kysloty na koahulohramu sobak pry hostriï hipoksiï.
Fiziol Zh 18:106-8, Jan-Feb 72 (Ukr)
ANIMAL EXPERIMENTS/ *ANOXIA, blood/ *ASCORBIC ACID, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ DOGS

321. **Bakans'ka VV:** Do mekhanizmu diï askorbinovoï kysloty na zsidal'ny i protyzsidal'nu systemy drovi sobak pry hostriï hipoksiï.
Fiziol Zh 19:105-6, 1973 (Ukr)
ALTITUDE/ ANIMAL EXPERIMENTS/ *ANOXIA/ *ASCORBIC ACID,

pharmacodynamics/ *BLOOD COAGULATION/ CAPILLARY PERMEABILITY, drug effects/ DOGS

322. **Bakanskaia VV**: Vliianie vitamina B6 na svertyvaiushchiu i protivosbertyvaiushchuiu sistemy krovi pri ostroi gipoksii.
Vopr Pitan 31:94, Sep-Oct 72 (Rus)
ANIMAL EXPERIMENTS/ *ANOXIA, physiopathology/ *BLOOD COAGULATION, drug effects/ CHRONIC DISEASE/ DOGS/ INJECTIONS, INTRAMUSCULAR/ *PYRIDOXINE, pharmacodynamics

323. **Baker EC, Mustakas GC**: Heat inactivation of trypsin inhibitor, lipoxygenase and urease in soybeans: effect of acid and base additives.
J Am Oil Chem Soc 50:137-41, May 73
DRUG STABILITY/ HEAT/ HYDROCHLORIC ACID/ HYDROGEN-ION CONCENTRATION/ LINOLEIC ACID/ *OXYGENASES, antagonists & inhibitors/ SODIUM HYDROXIDE/ *SOY BEANS, enzymology/ *TRYPSIN INHIBITORS, antagonists & inhibitors/ *UREASE, antagonists & inhibitors

324. **Baker EN**: Preliminary crystallographic data for actinidin, a thiol protease from Actinidia chinensis.
J Mol Biol 74:411-2, 5 Mar 73
FRUIT/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, isolation & purification/ *PLANTS, enzymology/ X-RAY DIFFRACTION

325. **Bakos L, Storck R, Netto ES**: Congenital macular urticaria pigmentosa complicated by massive nodular mastocytosis with systemic involvement.
Br J Dermatol 87:635-41, Dec 72
ADULT/ BONE AND BONES, pathology/ FEMALE/ HEMORRHAGIC DIATHESIS, complications/ HUMAN/ LIVER, pathology/ LYMPH NODES, pathology/ MAST CELLS/ PROGNOSIS/ PUBERTY/ *SKIN NEOPLASMS, complications/ SKIN NEOPLASMS, diagnosis/ SKIN NEOPLASMS, pathology/ SKIN NEOPLASMS, surgery/ THIGH, pathology/ URTICARIA PIGMENTOSA, complications/ *URTICARIA PIGMENTOSA, congenital/ URTICARIA PIGMENTOSA, diagnosis/ URTICARIA PIGMENTOSA, pathology/ URTICARIA PIGMENTOSA, surgery

326. **Balabanian MB, Schnetzler DE, Kaloyanides GJ**: Nephrotic syndrome, renal vein thrombosis and renal failure. Report of case with recovery of renal function, loss of proteinuria and dissolution of thrombus after anticoagulant therapy.
Am J Med 54:768-75, Jun 73
*ANTICOAGULANTS, therapeutic use/ BIOPSY/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ KIDNEY, pathology/ KIDNEY FAILURE, CHRONIC, drug therapy/ *KIDNEY FAILURE, CHRONIC, etiology/ KIDNEY FAILURE, CHRONIC, pathology/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ NEPHROSIS, LIPOID, complications/ *NEPHROTIC SYNDROME, complications/ NEPHROTIC SYNDROME, diagnosis/ NEPHROTIC SYNDROME, drug therapy/ NEPHROTIC SYNDROME, etiology/ NEPHROTIC SYNDROME, pathology/ PROTEINURIA, drug therapy/ *RENAL VEINS/ RENAL VEINS, radiography/ THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, drug therapy/ *THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, pathology

327. **Balasegaram M**: Hepatic surgery: a review of a personal series of 95 major resections.
Aust NZ J Surg 42:1-10, Aug 72
ADOLESCENCE/ ADULT/ AGED/ ANGIOGRAPHY/ CHILD/ CHILD, PRESCHOOL/ CHOLELITHIASIS, surgery/ CYSTS, surgery/ ENZYME TESTS/ FEMALE/ HEMANGIOMA, surgery/ *HEPATECTOMY/ HEPATECTOMY, adverse effects/ HEPATECTOMY, mortality/ HEPATIC VEINS, abnormalities/ HUMAN/ INFANT/ LIVER, injuries/ LIVER ABSCESS, AMEBIC, surgery/ LIVER CIRRHOSIS, surgery/ LIVER DISEASES, diagnosis/ LIVER DISEASES, radiography/ *LIVER DISEASES, surgery/ LIVER NEOPLASMS, surgery/ MALE/ MIDDLE AGE/ PERITONEOSCOPY/ POSTOPERATIVE CARE/ PREOPERATIVE CARE/ RADIOISOTOPE SCANNING

328. **Balashov VI**: Elektroforez aminokapronovoĭ kisloty v kompleksnom lechenii bol'nykh iazvennoĭ bolezn'iu.
Vrach Delo 12:22-6, Dec 72 (Rus)
*AMINOCAPROIC ACID, administration & dosage/ AMINOCAPROIC ACID, therapeutic use/ ANIMAL EXPERIMENTS/ DOGS/ HUMAN/ IONTOPHORESIS/ *PEPTIC ULCER, drug therapy/ SWINE

329. **Balashova TF, Sokolova MI, Samarina GIA**: Funktsional'noe sostoianie zheludka u deteĭ s zabolevaniem gastro-duodenal'noĭ sistemy.
Vopr Okhr Materin Det 18:72-7, Feb 73 (Rus)
ADOLESCENCE/ CHILD/ *DUODENAL DISEASES, physiopathology/ DUODENAL ULCER, physiopathology/ ENGLISH ABSTRACT/ GASTRIC JUICE, secretion/ *GASTRITIS, physiopathology/ PEPTIDE HYDROLASES, analysis/ STOMACH, enzymology/ *STOMACH, physiopathology/ STOMACH, secretion

330. **Balcerzak S, Guy J, Metz E, et al**: Studies on the ability of stored blood to transport oxygen in vivo.
Adv Exp Med Biol 28:433-47, 1972
ADENOSINE TRIPHOSPHATE, blood/ ANEMIA, therapy/ ANEMIA, SICKLE CELL, blood/ ANIMAL EXPERIMENTS/ *BIOLOGICAL TRANSPORT/ BLOOD GAS ANALYSIS/ *BLOOD PRESERVATION/ BLOOD TRANSFUSION/ CARDIAC OUTPUT/ CHROMIUM ISOTOPES/ ERYTHROCYTES, metabolism/ EXCHANGE TRANSFUSION/ GLYCEROPHOSPHATES, blood/ HEMATOCRIT/ HEMOGLOBIN C DISEASE, blood/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *OXYGEN/ PARTIAL PRESSURE/ RATS/ SPECTROPHOTOMETRY

331. **Balda BR**: Die Behandlung der diffusen (progressiven) Sklerodermie.
Dtsch Med Wochenschr 97:1876-8, 1 Dec 72 (Ger)
AMMOTHERAPY/ FEMALE/ GLUCOCORTICOIDS, administration & dosage/ HEPARINOID, administration & dosage/ HUMAN/ HYALURONIDASE, administration & dosage/ MALE/ OINTMENTS/ PENICILLAMINE, administration & dosage/ PHYSICAL THERAPY/ PROGESTERONE, administration & dosage/ SCLERODERMA, SYSTEMIC, drug therapy/ *SCLERODERMA, SYSTEMIC, therapy

332. **Baldini MG**: Nature of the platelet defect in the Wiskott-Aldrich syndrome.
Ann NY Acad Sci 201:437-44, 27 Oct 72
*ALDRICH SYNDROME, blood/ ALDRICH SYNDROME, immunology/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ BLOOD PLATELETS, enzymology/ BONE MARROW EXAMINATION/ CARBON ISOTOPES/ CELL SURVIVAL/ CHILD/ CHILD, PRESCHOOL/ CHROMIUM ISOTOPES/ CLOT RETRACTION/ ENERGY TRANSFER/ GLUCOSE, metabolism/ GLUCOSEPHOSPHATE DEHYDROGENASE, blood/ GLUCURONIDASE, blood/ HEXOKINASE, blood/ HUMAN/ ISOANTIBODIES, analysis/ LACTATE DEHYDROGENASE, blood/ MALE/ MEGAKARYOCYTES/ MICROSCOPY, ELECTRON/ PENTOSYLTRANSFERASES, blood/ PHOSPHOFRUCTOKINASE, blood/ PLATELET ADHESIVENESS/ PYRUVATE KINASE, blood

333. **Balfour IC, Pegrum GD, Williams GB, et al**: Platelet complement fixation: an in vitro test of the immunosuppressive activity of antilymphocyte globulin.
Transplantation 14:308-10, Sep 72
ANIMAL EXPERIMENTS/ *ANTIBODIES/ *ANTILYMPHOCYTE SERUM, pharmacodynamics/ *BLOOD PLATELETS, immunology/ CHIMPANZEES/ *COMPLEMENT

FIXATION TESTS/ *GRAFT REJECTION, drug effects/ HORSES, immunology/ IN VITRO/ MACACA/ METHODS/ MONKEYS/ SKIN, transplantation/ TRANSPLANTATION, HOMOLOGOUS

334. **Balian G, Click EM, Hermodson MA, et al:** Structure of rat skin collagen alpha 1-CBB. Amino acid sequence of the hydroxyl amine-produced fragment HA2.
Biochemistry 11:3798-806, 28 Sep 72
AMIDES, analysis/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANHYDRIDES/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ CLOSTRIDIOPEPTIDASE A/ *COLLAGEN, analysis/ CYANOGEN BROMIDE/ DANSYL COMPOUNDS/ GEL FILTRATION/ HYDROXYLAMINES/ PAPAIN/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ RATS/ SKIN, analysis/ SUCCINATES/ THERMOLYSIN/ THIOCYANATES/ TRYPSIN

335. **Ballabio CB, Fantini F:** Aspetti flogistici e possibilità terapeutiche delle malattie reumatiche. Introduzione.
Minerva Med 64:2385-94, 20 Jun 73 (Ita)
ANAPHYLAXIS/ BLOOD COAGULATION/ BLOOD PLATELETS/ CAPILLARY PERMEABILITY/ COMPLEMENT/ FIBRINOLYSIS/ GLOBULINS/ HISTAMINE LIBERATION/ HUMAN/ HYPERSENSITIVITY, DELAYED/ IMMUNOGLOBULINS, analysis/ INFLAMMATION, immunology/ INFLAMMATION, physiopathology/ PROSTAGLANDINS/ *RHEUMATISM/ RHEUMATISM, drug therapy/ RHEUMATISM, immunology/ RHEUMATISM, physiopathology/ TOXINS

336. **Ballard RM, Bradley-Watson PJ, Johnstone FD, et al:** Low doses of subcutaneous heparin in the prevention of deep vein thrombosis after gynaecological surgery.
J Obstet Gynaecol Br Commonw 80:469-72, May 73
AGE FACTORS/ ANESTHESIA, EPIDURAL/ BODY HEIGHT/ BODY WEIGHT/ FEMALE/ FIBRINOGEN, diagnostic use/ GYNECOLOGIC DISEASES, surgery/ *HEPARIN, administration & dosage/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ IODINE ISOTOPES, DIAGNOSTIC/ NEOPLASMS, surgery/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, prevention & control/ VAGINA, surgery/ VARICOSE VEINS, complications

337. **Ballerini G:** Piastrinopenie da farmaci o dopo farmaci.
Haematologica (Pavia) 57:307-38, 1972 (89 ref.) (Ita)
ANTIBIOTICS, adverse effects/ ANTIBIOTICS, toxicity/ ANTICONVULSANTS, adverse effects/ ANTIHISTAMINICS, adverse effects/ BENZENE, toxicity/ BONE MARROW, drug effects/ ENGLISH ABSTRACT/ HEMAGGLUTINATION TESTS/ HUMAN/ METALS, toxicity/ PEDIGREE/ PURPURA, THROMBOPENIC, immunology/ PYRAZOLES, adverse effects/ REVIEW/ SKIN TESTS/ *THROMBOPENIA, chemically induced/ THROMBOPENIA, familial & genetic/ THROMBOPENIA, immunology/ TRANQUILIZING AGENTS, adverse effects/ UREA, toxicity

338. **Ballerini G:** Piastrinopenie da farmaci o dopo farmaci.
Haematologica (Pavia) 57:307-38, 1972 (89 ref.) (Ita)
ANTIBIOTICS, adverse effects/ ANTIBIOTICS, toxicity/ ANTICONVULSANTS, adverse effects/ ANTIHISTAMINICS, adverse effects/ BONE MARROW, drug effects/ ENGLISH ABSTRACT/ HEMAGGLUTINATION TESTS/ HUMAN/ METALS, toxicity/ PEDIGREE/ PURPURA, THROMBOPENIC, immunology/ PYRAZOLES, adverse effects/ REVIEW/ SKIN TESTS/ *THROMBOPENIA, chemically induced/ THROMBOPENIA, familial & genetic/ THROMBOPENIA, immunology/ UREA, toxicity

339. **Ballerini G, Castaldi G, Scapoli GL, et al:** Patologia ematologica ed enzumologia clinica.
Quad Sclavo Diagn 8:98-145, Mar 72 (255 ref.) (Ita)
ADENOSINE TRIPHOSPHATASE, metabolism/ BLOOD COAGULATION DISORDERS, enzymology/ BLOOD PLATELET DISORDERS, enzymology/ ENGLISH ABSTRACT/ ERYTHROCYTES, enzymology/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ GLYCOLYSIS/ *HEMATOLOGIC DISEASES, enzymology/ HUMAN/ LEUKEMIA, enzymology/ METABOLISM, INBORN ERRORS, enzymology/ PHOSPHOGLYCERATE KINASE, metabolism/ PYRUVATE KINASE, metabolism/ REVIEW

340. **Ballivet J, Mabille JP, Viard H, et al:** Communication artérielle systémo-pulmonaire transthoracique révélée par une atrophie de la main. Note préliminaire.
Lyon Med 228:63-70, 10 Sep 72 (Fre)
ADULT/ ANGIOGRAPHY/ *ARTERIES, abnormalities/ ARTERIOVENOUS MALFORMATIONS/ *ATROPHY/ AXILLARY ARTERY, abnormalities/ AXILLARY ARTERY, radiography/ BLOOD GAS ANALYSIS/ CASE REPORT/ CATHETERIZATION/ ENGLISH ABSTRACT/ FEMALE/ *HAND DEFORMITIES, ACQUIRED/ HEMANGIOMA, complications/ HUMAN/ HUMERUS, blood supply/ HUMERUS, radiography/ INNOMINATE ARTERY, abnormalities/ INNOMINATE ARTERY, radiography/ PHLEBOGRAPHY/ PLEURAL NEOPLASMS, complications/ PULMONARY ARTERY, abnormalities/ PULMONARY ARTERY, radiography/ RADIOISOTOPE SCANNING/ REGIONAL BLOOD FLOW/ SUBCLAVIAN ARTERY, abnormalities/ SUBCLAVIAN ARTERY, radiography/ VENA CAVA, SUPERIOR, radiography

341. **Balog P, Dvorzhak E:** Vliianie lekarstv na obmen azota u bol'nykh diabetom.
Probl Endokrinol (Mosk) 18:34-7, Jul-Aug 72 (Rus)
ADULT/ AMINO ACIDS, blood/ CARBUTAMIDE, therapeutic use/ DIABETES MELLITUS, blood/ *DIABETES MELLITUS, drug therapy/ DIABETES MELLITUS, metabolism/ DIET THERAPY/ DIETARY FATS/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN/ INSULIN, therapeutic use/ MIDDLE AGE/ *NITROGEN, metabolism/ TESTOSTERONE, therapeutic use/ VITAMIN B 12, therapeutic use

342. **Balogh G, Afra D, Inovay J:** Abcès endo-crânien: complication d'une extraction dentaire.
Rev Stomatol Chir Maxillofac 73:205-9, Apr-May 72 (Fre)
ADULT/ ANTIBIOTICS, therapeutic use/ BRAIN ABSCESS, diagnosis/ BRAIN ABSCESS, drug therapy/ *BRAIN ABSCESS, etiology/ BRAIN ABSCESS, physiopathology/ BRAIN ABSCESS, surgery/ CAROTID ARTERY, INTERNAL, radiography/ ENGLISH ABSTRACT/ FEMALE/ FOCAL INFECTION, DENTAL, complications/ HEMATOMA, complications/ HUMAN/ MOLAR/ NEUROLOGIC EXAMINATION/ *TOOTH EXTRACTION, adverse effects

343. **Baltes BJ, Diamond S, D'Agostino RJ:** Comparison of anticoagulant activity of two preparations of purified heparin. Clin Pharmacol Ther 14:287-90, Mar-Apr 73
ADULT/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ CATTLE/ COMPARATIVE STUDY/ FEMALE/ *HEPARIN, pharmacodynamics/ HUMAN/ INTESTINAL MUCOSA/ LUNG/ MALE/ SWINE/ THROMBOPLASTIN/ TIME FACTORS

344. **Baltzer G, Arndt H:** Die klinische Bedeutung der 2.3-Diphosphoglycerat (DPG)-Konzentration in den Erythrocyten.
Internist (Berlin) 14:177-8, Apr 73 (15 ref.) (Ger)
ANEMIA, complications/ ANIMAL EXPERIMENTS/ ANOXIA, diagnosis/ ANOXIA, etiology/ BLOOD GAS ANALYSIS/ BLOOD PRESERVATION/ DIPHOSPHOGLYCERIC ACIDS, blood/ DIPHOSPHOGLYCERIC ACIDS, metabolism/ *ERYTHROCYTES, analysis/ ERYTHROCYTES, metabolism/ FEMALE/

*GLYCERIC ACIDS, blood/ HEMOGLOBIN, analysis/ HEMOGLOBINOMETRY/ HUMAN/ MATERNAL-FETAL EXCHANGE/ *ORGANOPHOSPHORUS COMPOUNDS, blood/ OXYGEN, physiology/ OXYGEN CONSUMPTION/ PARTIAL PRESSURE/ PHOSPHATES, blood/ PHOSPHORUS ISOTOPES/ PREGNANCY/ REVIEW/ SWINE

345. **Bancher E, Washütti J, Schiffauer R:** Die Auswirkungen einer gamma-Bestrahlung auf Vitamin-E-Faktoren, Vitamin K 1 , Ubichinon und Plastochinon im Spinat.
Wien Tieraerztl Monatsschr 60:107-9, Feb-Mar 73 (Ger)
ENGLISH ABSTRACT/ QUINONES, analysis/ *QUINONES, radiation effects/ *RADIATION EFFECTS/ UBIQUINONE, analysis/ *UBIQUINONE, radiation effects/ *VEGETABLES/ VEGETABLES, analysis/ VITAMIN E, analysis/ *VITAMIN E, radiation effects/ VITAMIN K, analysis/ *VITAMIN K, radiation effects

346. **Bancu VE, Vincze L, Radu D:** Unele indicaţii ale splenopancreatectomiei stîngi.
Chirurgia (Bucur) 21:29-34, Jan 72 (Rum)
ADULT/ *ANEURYSM, complications/ FEMALE/ HEMATOMA, surgery/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ *PANCREATECTOMY/ *PANCREATIC NEOPLASMS, surgery/ *SPLENECTOMY/ SPLENIC ARTERY/ *SPLENIC NEOPLASMS, surgery/ *STOMACH NEOPLASMS, surgery

347. **Bando M, Matsushima A, Hirano J, et al:** Thrombin-catalyzed conversion of fibrinogen to fibrin. J Biochem (Tokyo) 71:897-9, May 72
CATALYSIS/ CATTLE/ CHEMISTRY/ FIBRIN/ *FIBRINOGEN/ HYDROLYSIS/ INDICATORS AND REAGENTS/ KINETICS/ METHODS/ PEPTIDES/ *THROMBIN

348. **Bandtlow KH:** Zur Röntgendiagnostik der Harntraktsverletzungen.
Monatsschr Unfallheilkd 75:350-6, Aug 72 (36 ref.) (Ger)
ABDOMINAL INJURIES, radiography/ ANGIOGRAPHY/ BLADDER, injuries/ ENGLISH ABSTRACT/ HEMATOMA, radiography/ HUMAN/ KIDNEY, blood supply/ KIDNEY, injuries/ MALE/ METHODS/ REVIEW/ URETHRA, injuries/ *URINARY TRACT, injuries/ UROGRAPHY

349. **Banerjee RN, Kumar V, Sahni AL:** Plasma thrombin clotting time and plasma fibrinogen in diabetes mellitus and atherosclerosis.
Indian J Med Res 60:1432-42, Oct 72
ADOLESCENCE/ ADULT/ AGED/ *ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, physiopathology/ *BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ *DIABETES MELLITUS, blood/ DIABETES MELLITUS, physiopathology/ *FIBRINOGEN, analysis/ GLUCOSE TOLERANCE TEST/ HEPARIN, blood/ HUMAN/ INSULIN, diagnostic use/ MIDDLE AGE/ THROMBIN

350. **Bang G, Johannessen JV:** The effect of proteolytic enzymes on the induction of heterotopic bone formation by demineralized dentin in guinea pigs.
J Oral Pathol 1:221-30, 1972
ABDOMINAL WALL/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ *CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ COLLAGEN, metabolism/ DECALCIFICATION TECHNIC/ DENTIN, cytology/ *DENTIN, metabolism/ DENTIN, transplantation/ DEPRESSION, CHEMICAL/ FREEZE DRYING/ GUINEA PIGS/ METHODS/ MICROSCOPY, ELECTRON/ *OSSIFICATION, PHYSIOLOGIC, drug effects/ OSTEOGENESIS, drug effects/ PEPTIDE HYDROLASES, pharmacodynamics/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS/ TRYPSIN, pharmacodynamics

351. **Bang NU, Heidenreich RO, Trygstad CW:** Plasma protein requirements for human platelet aggregation.
Ann NY Acad Sci 201:280-99, 27 Oct 72
ADULT/ BLOOD PLATELET DISORDERS/ *BLOOD PROTEINS/ CHILD/ FACTOR VIII/ FACTOR IX/ FACTOR XI/ FIBRINOGEN, metabolism/ GAMMA GLOBULIN/ HUMAN/ IODINE ISOTOPES/ MACROGLOBULINEMIA, blood/ MULTIPLE MYELOMA, blood/ NEPHRITIS, blood/ NEPHROTIC SYNDROME, blood/ *PLATELET ADHESIVENESS/ PROTEINS, urine/ PURPURA, THROMBOPENIC, familial & genetic/ SERUM ALBUMIN, metabolism

352. **Bang NU, Trygstad W, Schroeder JE, et al:** Enhanced platelet function in glomerular renal disease.
J Lab Clin Med 81:651-60, May 73
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADOLESCENCE/ ASPIRIN, pharmacodynamics/ BETA GLOBULIN, analysis/ BLOOD CELL COUNT/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, physiopathology/ CHILD/ CHILD, PRESCHOOL/ COLLAGEN, pharmacodynamics/ FEMALE/ FIBRINOGEN, analysis/ GEL FILTRATION/ *GLOMERULONEPHRITIS, blood/ HEMATOCRIT/ HUMAN/ IGG, analysis/ MALE/ *NEPHROTIC SYNDROME, blood/ PROTEINURIA/ SERUM ALBUMIN, analysis

353. **Ban'kovskaia EB, Dokusova OK, Zubzhitskiĭ IuN, et al:** Osobennosti lipidnogo obmena pri tolerantnosti k éksperimental'nomu aterosklerozu, indutsirovannoĭ gomologichnymi beta-lipoproteidami u novorozhdennykh zhivotnykh.
Vestn Akad Med Nauk SSSR 27:78-85, 1972 (Rus)
ANIMAL EXPERIMENTS/ *ANIMALS, NEWBORN/ *ANTIGENS/ *ARTERIOSCLEROSIS, immunology/ ARTERIOSCLEROSIS, metabolism/ DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ *IMMUNIZATION/ LIPIDS, metabolism/ *LIPOPROTEINS/ LIPOPROTEINS, LDL/ RABBITS

354. **Banks BE, Walter SJ:** Epithelial growth factor--an artifact? J Physiol (Lond) 225:37P-38P, Sep 72
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ EPITHELIAL CELLS, drug effects/ *EPITHELIUM/ GEL FILTRATION/ *GROWTH SUBSTANCES, isolation & purification/ MALE/ MICE/ MITOSIS, drug effects/ ORGAN CULTURE/ PEPTIDE HYDROLASES, pharmacodynamics/ PROSTATE/ *SUBMANDIBULAR GLAND, analysis

355. **Bannerjee D, Delaney R, Morton RO, et al:** Molecular structure of plasma transglutaminase precursor.
Ann NY Acad Sci 202:172-85, 8 Dec 72
AMMONIUM SULFATE/ BLOOD PLATELETS, enzymology/ CELL-FREE SYSTEM/ CHEMISTRY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CROSS REACTIONS/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME PRECURSORS/ ENZYMES, blood/ *FACTOR XIII/ FACTOR XIII, isolation & purification/ FREEZE DRYING/ GEL DIFFUSION TESTS/ GEL FILTRATION/ GLUTAMINE/ HEAT/ HUMAN/ IMMUNOELECTROPHORESIS/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ RABBITS, immunology/ SODIUM DODECYL SULFATE/ *TRANSFERASES

356. **Bannikova NA:** Omekhanizmakh nekotorykh funktsional'nykh sdvigov pri izmenenii v krovi urovnia komponentov vneshneĭ sekretsii podzheludochnoĭ shelezy.
Fiziol Zh SSSR 58:1441-7, Sep 72 (Rus)
ANIMAL EXPERIMENTS/ ARTERIES/ BLOOD PRESSURE/ BLOOD PRESSURE, drug effects/ CATS/ ENGLISH ABSTRACT/ INTESTINAL MUCOSA/ INTESTINAL MUCOSA, drug effects/ JEJUNUM/ KALLIKREIN, pharmacodynamics/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/

*PANCREATIC JUICE/ TRYPSIN, pharmacodynamics

357. **Bara J, Lallier R, Trudel M, et al:** Molecular models on the insertion of a Salmonella minnesota R-form glycolipid into the cell membrane of normal and transformed cells. Eur J Biochem 35:495-8, 15 Jun 73
BINDING SITES/ CELL MEMBRANE, metabolism/ CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED/ EMBRYO/ FEMALE/ FIBROBLASTS/ *GLYCOLIPIDS, metabolism/ *MODELS, BIOLOGICAL/ NEURAMINIDASE/ PREGNANCY/ RATS/ SALMONELLA/ TRYPSIN

358. **Bar-Ziv J, Eger M, Feuchtwanger M, et al:** Angiography in diagnosis of subclavian vessel injury. Clin Radiol 23:471-3, Oct 72
ACCIDENTS, TRAFFIC/ ANGIOGRAPHY/ CAROTID ARTERIES, injuries/ CHILD/ FEMALE/ HEMATOMA, etiology/ HEMOTHORAX, etiology/ HUMAN/ MALE/ MIDDLE AGE/ *SUBCLAVIAN ARTERY, injuries/ SUBCLAVIAN ARTERY, radiography/ SUBCLAVIAN ARTERY, surgery/ *SUBCLAVIAN VEIN, injuries/ SUBCLAVIAN VEIN, radiography/ SUBCLAVIAN VEIN, surgery/ WOUNDS AND INJURIES, diagnosis/ WOUNDS, GUNSHOT, radiography

359. **Baran MR:** Glomangiomatoses multiples familiales. Document phlébographique. Bull Soc Fr Dermatol Syphiligr 79:94-7, 1972 (Fre)
ADOLESCENCE/ ADULT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *GLOMANGIOMA, familial & genetic/ HEMANGIOMA, radiography/ HEMANGIOMA, CAVERNOUS, radiography/ HUMAN/ *NEOPLASMS, MULTIPLE PRIMARY, familial & genetic/ PHLEBOGRAPHY/ *SKIN NEOPLASMS, familial & genetic/ SKIN NEOPLASMS, radiography

360. **Baranov AE, Iurgutis RP:** Trombotsitopoéticheskaia aktivnos' fil'trata plazmy krovi pri ostrom leĭkoze. Probl Gematol Pereliv Krovi 18:55-7, Jan 73 (Rus)
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS/ FEMALE/ *HEMATOPOIESIS/ HEMOGLOBIN, analysis/ HUMAN/ *LEUKEMIA, blood/ LEUKOCYTE COUNT/ MALE/ MICE/ MIDDLE AGE

361. **Baratham G, Dennyson WG:** Delayed traumatic intracerebral haemorrhage. J Neurol Neurosurg Psychiatry 35:698-706, Oct 72
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ CEREBRAL ANGIOGRAPHY/ CEREBRAL HEMORRHAGE, diagnosis/ *CEREBRAL HEMORRHAGE, etiology/ CEREBRAL HEMORRHAGE, pathology/ CEREBRAL HEMORRHAGE, radiography/ CEREBRAL HEMORRHAGE, surgery/ CHILD/ CHILD, PRESCHOOL/ COMA, etiology/ CRANIOTOMY/ FEMALE/ *HEAD INJURIES, complications/ HEMATOMA, etiology/ HEMATOMA, pathology/ HUMAN/ INTRACRANIAL PRESSURE/ MALE/ MIDDLE AGE/ TIME FACTORS

362. **Barbee JH:** The effect of temperature on the relative viscosity of human blood. Biorheology 10:1-5, Mar 73
*BLOOD VISCOSITY/ COMPARATIVE STUDY/ HUMAN/ RHEOLOGY, instrumentation/ *TEMPERATURE

363. **Barber AJ, Käser-Glanzmann R, Jakáboví M, et al:** Characterization of a chondroitin 4 -sulfate proteoglycan carrier for heparin neutralizing activity (platelet factor 4) released from human blood platelets. Biochim Biophys Acta 286:312-29, 29 Dec 72
BINDING SITES/ *BLOOD COAGULATION FACTORS/ BLOOD COAGULATION FACTORS, isolation & purification/ BLOOD PLATELETS, cytology/ *BLOOD PLATELETS, metabolism/ *CHONDROITIN, blood/ ELECTROPHORESIS/ GEL FILTRATION/ HEPARIN, antagonists & inhibitors/ *HEPARIN, metabolism/ HUMAN/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ MUCOPOLYSACCHARIDES, analysis/ *MUCOPOLYSACCHARIDES, blood/ MUCOPOLYSACCHARIDES, isolation & purification/ PROTEIN BINDING/ SUBCELLULAR FRACTIONS, metabolism/ VISCOSITY

364. **Barber AJ, Triantaphyllopoulos DC, Jamieson GA:** Differing procoagulant activities in the extracted lipids of high and low density pitelet plasma membranes. Thromb Diath Haemorrh 28:206-12, 31 Oct 72
*BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS, analysis/ CELL FRACTIONATION/ *CELL MEMBRANE, analysis/ HUMAN/ *LIPIDS, analysis/ PHOSPHOLIPIDS, analysis/ SPECIFIC GRAVITY/ SUBCELLULAR FRACTIONS, analysis/ THROMBOPLASTIN

365. **Barber LE, Deibel RH:** Effect of pH and oxygen tension on staphylococcal growth and enterotoxin formation in fermented sausage. Appl Microbiol 24:891-8, Dec 72
AEROBIOSIS/ ANAEROBIOSIS/ COAGULASE, biosynthesis/ ENTEROTOXINS, analysis/ *ENTEROTOXINS, biosynthesis/ ENTEROTOXINS, classification/ ENTEROTOXINS, isolation & purification/ *FOOD MICROBIOLOGY/ GEL DIFFUSION TESTS/ HYDROGEN-ION CONCENTRATION/ LACTONES/ *MEAT/ OXYGEN/ PARTIAL PRESSURE/ PEDIOCOCCUS, growth & development/ STAPHYLOCOCCUS, enzymology/ *STAPHYLOCOCCUS, growth & development/ STAPHYLOCOCCUS, isolation & purification/ STAPHYLOCOCCUS, metabolism

366. **Barbosa J, Seal US, Doe RP:** Anti-estrogens and plasma proteins. II. Contraceptive drugs and gestagens J Clin Endocrinol Metab 36:706-14, Apr 73
ADOLESCENCE/ ADULT/ ANIMAL EXPERIMENTS/ *BLOOD PROTEINS, metabolism/ CHLORMADINONE, pharmacodynamics/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ CYPROTERONE, pharmacodynamics/ DYDROGESTERONE, pharmacodynamics/ ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ FIBRINOGEN, metabolism/ HAPTOGLOBINS, metabolism/ HUMAN/ HYDROCORTISONE, blood/ MALE/ MONKEYS/ NORETHINDRONE, pharmacodynamics/ NORGESTREL, pharmacodynamics/ PLASMINOGEN, metabolism/ THYROXINE, blood/ THYROXINE-BINDING PROTEIN, metabolism/ TRANSFERRIN, metabolism

367. **Barbosa J, Seal US, Doe RP:** Anti-estrogens and plasma proteins. I. Clomiphene and isomers, ethamoxytriphetol, U-11,100A and U-11,555A. J Clin Endocrinol Metab 36:666-78, Apr 73
ADOLESCENCE/ ADULT/ *ALCOHOL, ETHYL, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD PROTEINS, metabolism/ *CLOMIPHENE, pharmacodynamics/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ETHINYL ESTRADIOL, pharmacodynamics/ *ETHYLAMINES, pharmacodynamics/ FIBRINOGEN, metabolism/ GLUCURONIDASE, blood/ HAPTOGLOBINS, metabolism/ HUMAN/ HYDROCORTISONE, blood/ MALE/ MIDDLE AGE/ MONKEYS/ PLASMINOGEN, metabolism/ *PYRROLIDINES, pharmacodynamics/ SERUM ALBUMIN, metabolism/ STEREOISOMERS/ THYROXINE, blood/ THYROXINE-BINDING PROTEIN, metabolism

368. **Barbour RA:** The leukocytes and platelets of a marsupial, Trichosurus vulpecula. A comparative morphological, metrical and cytochemical study. Arch Histol Jap 34:311-60, Jul 72
ALKALINE PHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ BASOPHILS/ BASOPHILS, enzymology/ BLOOD PLATELETS, analysis/ *BLOOD PLATELETS, cytology/ CELL NUCLEUS/ EOSINOPHILS, cytology/ FEMALE/ HISTOCYTOCHEMISTRY/ LACTATE DEHYDROGENASE, blood/ LEUKOCYTE COUNT/ LEUKOCYTES, analysis/ *LEUKOCYTES, cytology/ LIPIDS, blood/

LYMPHOCYTES, cytology/ LYMPHOCYTES, enzymology/ MALE/ *MARSUPIALIA, anatomy & histology/ MONOCYTES, cytology/ MONOCYTES, enzymology/ NEUTROPHILS, cytology/ STAINS AND STAINING/ SUCCINATE DEHYDROGENASE, blood

369. **Barbu T, Porciello PI, Dini E:** Coagulation studies in a case of severe congenital hypofibrinogenemia. Thromb Diath Haemorrh 28:129-34, 31 Aug 72
ADULT/ AFIBRINOGENEMIA, diagnosis/ *AFIBRINOGENEMIA, familial & genetic/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ CASE REPORT/ CEPHALINS, analysis/ FEMALE/ *FIBRINOGEN, analysis/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS/ PEDIGREE/ PLASMINOGEN, analysis/ PLATELET ADHESIVENESS/ PROTHROMBIN TIME/ THROMBELASTOGRAPHY/ THROMBOPLASTIN, analysis

370. **Barbui T, Dini E, Chisesi T, et al:** Significato di alcuni indici umorali e citologici nelle fasi attive del m. di Hodgkin. Haematologica (Pavia) 57:488-92, 1972 **(Ita)**
ALPHA GLOBULIN, analysis/ BLOOD SEDIMENTATION/ CERULOPLASMIN, analysis/ COPPER, blood/ ENGLISH ABSTRACT/ FIBRINOGEN, analysis/ HAPTOGLOBINS, analysis/ *HODGKIN'S DISEASE, diagnosis/ *HODGKIN'S DISEASE, physiopathology/ HUMAN/ IRON, blood/ MACROGLOBULINS, analysis/ TIME FACTORS

371. **Barchewitz G, Guilbert A, Laurent G:** Effet fibrinolytique de la benzarone au niveau de la paroi veineuse chez l'homme. Pathol Biol (Paris) 21:555-61, May 73 **(Fre)**
ADULT/ ANIMAL EXPERIMENTS/ *BENZOFURANS, therapeutic use/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ MIDDLE AGE/ SAPHENOUS VEIN, pathology/ *VARICOSE VEINS, drug therapy/ VEINS, drug effects

372. **Bardfeld PA:** Radionuclide techniques in pediatric hematology. Semin Nucl Med 3:81-8, Jan 73
ANEMIA, etiology/ BLOOD PLATELETS/ CELL SURVIVAL/ CHILD/ CHROMIUM ISOTOPES/ ERYTHROCYTE AGING/ ERYTHROCYTES, ABNORMAL, analysis/ HEMATOLOGIC DISEASES, blood/ *HEMATOLOGIC DISEASES, diagnosis/ HUMAN/ IRON, blood/ RADIATION DOSAGE/ *RADIOISOTOPE SCANNING/ SCHILLING TEST/ SPLEEN, metabolism/ SPLEEN, physiopathology

373. **Bardos P, Fellahi B, Muh JP, et al:** L'infarctus du myocarde. Critères biologiques permettant d'envisager un pronostic à moyen terme. Nouv Presse Med 2:1229, 5 May 73 **(Fre)**
ALPHA GLOBULIN, analysis/ HAPTOGLOBINS, analysis/ HUMAN/ LACTATE DEHYDROGENASE ISOENZYMES, blood/ MUCOPROTEINS, blood/ *MYOCARDIAL INFARCT, blood/ PROGNOSIS/ TRYPSIN INHIBITORS, blood

374. **Barga JL:** How to treat nosebleed. Am Fam Physician 8:66-73, Aug 73
AGE FACTORS/ ANTICOAGULANTS, adverse effects/ BLOOD COAGULATION DISORDERS, complications/ COCAINE, pharmacodynamics/ COCAINE, therapeutic use/ DRUG COMBINATIONS/ EPINEPHRINE, therapeutic use/ EPISTAXIS, diagnosis/ EPISTAXIS, drug therapy/ EPISTAXIS, etiology/ *EPISTAXIS, therapy/ HEAD INJURIES, complications/ HUMAN/ HYPERTENSION, complications/ INFECTION, complications/ LIDOCAINE, therapeutic use/ LUNG DISEASES, complications/ METHODS/ PALATAL EXPANSION TECHNIC, instrumentation/ PARANASAL SINUSES/ PHYSICAL EXAMINATION/ TAMPONS

375. **Barliiak RA, Kruk MB:** Ispol'zovanie pirogenala v kompleksnom lechenii adgezivnykh srednikh otitov. Zh Ushn Nos Gorl Bolezn 31:11-5, Sep-Oct 71 **(Rus)**
ADHESIONS/ ADULT/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *OTITIS MEDIA, drug therapy/ *PYROGENS, therapeutic use

376. **Barkagan LZ:** Pokazaniia autokoagulatsionnogo testa pri izmeneniiakh fibrinoliticheskoi aktivnosti krovi. Lab Delo 11:665-8, 1972 **(Rus)**
BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION TESTS/ *FIBRINOLYSIS/ HUMAN/ METHODS

377. **Barker LF, Peterson MR, Murray R:** Incidence and patterns of antibody to hepatitis-associated (Australia) antigen. Prog Immunobiol Stand 5:89-94, 1972
*ANTIBODIES, VIRAL, analysis/ ANTIBODY FORMATION/ *AUSTRALIA ANTIGEN/ BLOOD DONORS/ COMPLEMENT FIXATION TESTS/ GEL DIFFUSION TESTS/ HEMAGGLUTINATION TESTS/ HEMOPHILIA, immunology/ HEPATITIS, HOMOLOGOUS SERUM, immunology/ HUMAN/ IMMUNOELECTROPHORESIS/ RADIOIMMUNOASSAY

378. **Barkley DS, Rakic LL, Chaffee JK, et al:** Cell separation by velocity sedimentation of postnatal mouse cerebellum. J Cell Physiol 81:271-9, Apr 73
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ AUTORADIOGRAPHY/ CELL AGGREGATION/ CELL COUNT/ CELL DIVISION/ CELL SEPARATION/ CELL SURVIVAL/ CELLS, CULTURED/ CENTRIFUGATION, DENSITY GRADIENT/ *CEREBELLUM, cytology/ CULTURE MEDIA/ *CYTOLOGICAL TECHNICS/ DEOXYRIBONUCLEASE/ EVALUATION STUDIES/ MICE/ NEURONS/ PURKINJE CELLS/ SCINTILLATION COUNTERS/ THYMIDINE/ TRITIUM/ TRYPSIN

379. **Barlattani M, Guglielmi G, Mammarella A:** Glomerulonefriti e antiaggreganti piastrinici: la terapia con dipiridamolo nella glomerulonefrite luposa. Clin Ter 63:251-7, 15 Nov 72 **(Ita)**
ADULT/ *ANTICOAGULANTS, therapeutic use/ *DIPYRIDAMOLE, therapeutic use/ FEMALE/ *GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, etiology/ HUMAN/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, complications

380. **Barman TE, Bagshaw W:** The modification of the tryptophan residues of bovine -lactalbumin with 2-hydroxy-5-nitrobenzyl bromide and with dimethyl(2-hydroxy-5-nitrobenzyl)sulphonium bromide. II. Effect on the specifier protein activity. Biochim Biophys Acta 278:491-500, 31 Oct 72
ALKYLATION/ BENZYL COMPOUNDS/ BROMINE/ CATTLE/ CHEMISTRY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS/ GEL FILTRATION/ GLUCOSAMINE/ HEXOSYLTRANSFERASES/ ISOMERISM/ KINETICS/ *LACTALBUMIN/ LACTALBUMIN, isolation & purification/ LACTOSE SYNTHETASE, analysis/ MILK, analysis/ MURAMIDASE/ *NITROBENZENES/ PHENOLS/ PROTEIN CONFORMATION/ *SULFONIC ACIDS/ TRYPSIN/ *TRYPTOPHAN

381. **Barnes AJ:** Idiopathic pancreatic duct dilatation. Proc R Soc Med 66:10-1, Jan 73
CASE REPORT/ DILATATION/ FATS, analysis/ FECES, analysis/ FOOD/ HUMAN/ MALE/ MIDDLE AGE/ *PANCREATIC DISEASES, diagnosis/ PANCREATIC DISEASES, etiology/ PANCREATIC DISEASES, radiography/ *PANCREATIC DUCTS, radiography/ PANCREATITIS, diagnosis/ TRYPSIN, analysis

382. **Barnett B, Meilman E, Han CD:** Measurement of the rheological properties of biological fluids. 3. Viscoelastic properties of blood serum. Biorheology 9:265-71, Dec 72

BIOMECHANICS/ *BLOOD VISCOSITY/ ELASTICITY/ EXTRACORPOREAL CIRCULATION/ HEART SURGERY/ HUMAN/ POLYTETRAFLUOROETHYLENE/ RHEOLOGY, instrumentation/ VISCOSITY

383. **Barnhart MI, Walsh RT, Robinson JA:** A three-dimensional view of platelet responses to chemical stimuli.
Ann NY Acad Sci 201:360-90, 27 Oct 72
ADENINE NUCLEOTIDES/ ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ CELL MEMBRANE/ COLLAGEN, pharmacodynamics/ GLUCOSE, pharmacodynamics/ HUMAN/ *MICROSCOPY, ELECTRON, SCANNING/ OUABAIN, pharmacodynamics/ SODIUM, pharmacodynamics/ SULFITES, pharmacodynamics/ THROMBIN, pharmacodynamics/ THROMBOEMBOLISM, blood/ UREA, pharmacodynamics

384. **Barr RD:** The blood coagulation and fibrinolytic enzyme systems in Africans in health and disease.
East Afr Med J 50:55-8, Jan 73
AFRICA, EASTERN/ *BIBLIOGRAPHY/ *BLOOD COAGULATION/ CAUCASIAN RACE/ *FIBRINOLYSIN/ HUMAN/ *NEGROID RACE

385. **Barr RD, Ouna N, Kendall AG:** The blood coagulation and fibrinolytic enzyme systems in healthy adult Africans and Europeans--a comparative study.
Scott Med J 18:93-7, May 73
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ CAUCASIAN RACE/ EUROPE/ FACTOR V, analysis/ FACTOR VIII, analysis/ FACTOR X, analysis/ FEMALE/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ *FIBRINOLYTIC AGENTS, blood/ HUMAN/ KENYA/ MALE/ NEGROID RACE/ PHYSIOLOGY, COMPARATIVE/ PLASMINOGEN, blood/ SEX FACTORS/ TIME FACTORS

386. **Barr RD, Roy AD, Miller JR:** Idiopathic gangrene in African adults.
Br Med J 4:273-4, 4 Nov 72
ADULT/ AFRICA, EASTERN/ BLOOD COAGULATION TESTS/ FACTOR V, analysis/ FACTOR VIII, analysis/ FEMALE/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ GANGRENE, blood/ *GANGRENE, etiology/ HUMAN/ *LEG/ PLANTS, MEDICINAL

387. **Barra HS, Rodriguez JA, Arce CA, et al:** A soluble preparation from rat brain that incorporates into its own proteins (14 C)arginine by a ribonuclease-sensitive system and (14 C)tyrosine by a ribonuclease-insensitive system.
J Neurochem 20:97-108, Jan 73
AGE FACTORS/ AMINO ACIDS, metabolism/ AMINO ACYL T RNA SYNTHETASES, metabolism/ ANIMAL EXPERIMENTS/ *ARGININE, metabolism/ BRAIN, enzymology/ *BRAIN, metabolism/ BRAIN CHEMISTRY/ CARBON ISOTOPES/ CHEMISTRY/ KIDNEY, metabolism/ KINETICS/ LIVER, metabolism/ PRONASE/ PROTEINS, analysis/ *PROTEINS, biosynthesis/ RATS/ *RIBONUCLEASE, metabolism/ RNA, TRANSFER, metabolism/ THYROID GLAND, metabolism/ TIME FACTORS/ TRITIUM/ TRYPSIN/ *TYROSINE, metabolism/ VALINE, metabolism

388. **Barratt ME:** The role of soft connective tissue in the response of pig articular cartilage in organ culture to excess of retinol.
J Cell Sci 13:205-19, Jul 73
CARTILAGE, ARTICULAR, cytology/ CARTILAGE, ARTICULAR, drug effects/ *CARTILAGE, ARTICULAR, enzymology/ CARTILAGE, ARTICULAR, physiology/ CONNECTIVE TISSUE, drug effects/ *CONNECTIVE TISSUE, physiology/ FIBROBLASTS, physiology/ LYSOSOMES, enzymology/ *ORGAN CULTURE/ PEPTIDE HYDROLASES, biosynthesis/ REGENERATION/ SWINE/ VITAMIN A, administration & dosage/ *VITAMIN A, pharmacodynamics

389. **Barret-Connor E, Ugoretz RJ, Braude AI:** Disseminated intravascular coagulation in trypanosomiasis.
Arch Intern Med 131:574-7, Apr 73
ADULT/ ANEMIA, HEMOLYTIC, ACQUIRED, etiology/ BOTSWANA/ CALIFORNIA/ COMPLEMENT, analysis/ COOMBS' TEST/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENVIRONMENTAL EXPOSURE/ HEMATOCRIT/ HUMAN/ IMMUNOGLOBULINS, analysis/ MALE/ SURAMIN, therapeutic use/ TRYPANOSOMIASIS, AFRICAN, blood/ *TRYPANOSOMIASIS, AFRICAN, complications/ TRYPANOSOMIASIS, AFRICAN, drug therapy

390. **Barrett AJ, Dingle JT:** The inhibition of tissue acid proteinases by pepstatin.
Biochem J 127:439-41, Apr 72
CATHEPSIN, antagonists & inhibitors/ CATTLE/ HEMOGLOBIN, metabolism/ HUMAN/ IMMUNE SERUMS/ KINETICS/ MOLECULAR WEIGHT/ *OLIGOPEPTIDES/ PEPSIN, antagonists & inhibitors/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ RABBITS/ RABBITS, immunology/ SHEEP, immunology/ STREPTOMYCES

391. **Barrett-Connor E:** Pneumonia and pulmonary infarction in sickle cell anemia.
JAMA 224:997-1000, 14 May 73
ADOLESCENCE/ ADULT/ *ANEMIA, SICKLE CELL, complications/ ANTIBIOTICS, therapeutic use/ BACTERIAL VACCINES, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ DIPLOCOCCUS PNEUMONIAE, isolation & purification/ ERYTHROCYTES, ABNORMAL/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ IMMUNIZATION/ INFANT/ MALE/ MIDDLE AGE/ PNEUMONIA, diagnosis/ PNEUMONIA, drug therapy/ *PNEUMONIA, etiology/ PNEUMONIA, prevention & control/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/ *PULMONARY EMBOLISM, etiology

392. **Barrillon A, Gerbaux A:** Le traitement médical de l'angine de poitrine.
Rev Prat 22:4765-83, 25 Dec 72 **(Fre)**
ANGINA PECTORIS, drug therapy/ ANGINA PECTORIS, therapy/ ANTICOAGULANTS/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ DIET THERAPY/ SPECIAL LIST FOREIGN

393. **Barrocas A:** Disseminated intravascular coagulation.
Milit Med 138:9-13, Jan 73
*DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ HEPARIN, therapeutic use/ HUMAN

394. **Barrow EM, Graham JB:** Factor VIII.
Lancet 1:1312-3, 9 Jun 73
*ANTIGENS/ *FACTOR VIII/ GOATS, immunology/ HEMOPHILIA, immunology/ HUMAN/ IMMUNE SERUMS/ MOLECULAR WEIGHT/ *SERUM ALBUMIN/ VON WILLEBRAND'S DISEASE, immunology

395. **Barry AL, Lachica RV, Atchison FW:** Identification of Staphylococcus aureus by simultaneous use of tube coagulase and thermonuclease tests.
Appl Microbiol 25:496-7, Mar 73
AGAR/ *BACTERIOLOGICAL TECHNICS/ COAGULASE, metabolism/ DEOXYRIBONUCLEASE, metabolism/ DNA/ EVALUATION STUDIES/ METHODS/ MICROCOCCUS, classification/ *STAPHYLOCOCCUS, classification/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, growth & development/ TOLUIDINE BLUE O

396. **Barták L:** Idiopatická trombóza mezenteriálních žil.
Rozhl Chir 51:670-4, Oct 72 **(Cze)**
ANTICOAGULANTS, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *MESENTERIC VEINS, surgery/ MIDDLE

AGE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBOPHLEBITIS, drug therapy/ *THROMBOPHLEBITIS, surgery

397. **Bartal AD, Heilbronn YD, Schiffer JM:** Microneurosurgical excision of an intra- and extramedullary cervical angioma.
Isr J Med Sci 9:92-7, Jan 73
ADOLESCENCE/ AGE FACTORS/ ANGIOGRAPHY/ ARTERIOVENOUS MALFORMATIONS, complications/ ARTERIOVENOUS MALFORMATIONS, radiography/ *ARTERIOVENOUS MALFORMATIONS, surgery/ *CERVICAL VERTEBRAE/ CERVICAL VERTEBRAE, radiography/ HEMANGIOMA, complications/ HEMANGIOMA, radiography/ *HEMANGIOMA, surgery/ HUMAN/ MALE/ MICROSURGERY/ MYELOGRAPHY/ NYSTAGMUS, etiology/ QUADRIPLEGIA, etiology/ SPINAL CORD NEOPLASMS, complications/ SPINAL CORD NEOPLASMS, radiography/ *SPINAL CORD NEOPLASMS, surgery

398. **Bartel J:** Zur Pathogenese des septisch-toxischen Schocks.
Z Aerzti Fortbild (Jena) 66:753-8, 1 Aug 72 (49 ref.) (Ger)
ANIMAL EXPERIMENTS/ AUTOLYSIS/ CAPILLARY PERMEABILITY/ CARDIAC OUTPUT/ CATHEPSIN, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ GLUCURONIDASE, blood/ HUMAN/ HYPOTENSION, etiology/ LYSOSOMES, metabolism/ NOMENCLATURE/ OXYGEN CONSUMPTION/ PHOSPHATASES, blood/ PREDNISOLONE, therapeutic use/ PROGNOSIS/ REVIEW/ SEPTICEMIA, complications/ SHOCK, ENDOTOXIC, blood/ SHOCK, ENDOTOXIC, complications/ SHOCK, ENDOTOXIC, enzymology/ *SHOCK, ENDOTOXIC, etiology/ SHOCK, ENDOTOXIC, metabolism/ SHOCK, ENDOTOXIC, therapy/ SHWARTZMAN PHENOMENON, physiopathology/ TIME FACTORS/ WATERHOUSE-FRIDERICHSEN SYNDROME, physiopathology

399. **Barteling SJ:** The use of frozen cells in the agar-cell suspension titration technique. A reproducible system. Brief report.
Arch Gesamte Virusforsch 38:271-3, 1972
AGAR/ CATTLE/ CELL LINE/ CELLS, CULTURED/ CLONE CELLS/ EVALUATION STUDIES/ FOOT-AND-MOUTH DISEASE VIRUS, growth & development/ *FOOT-AND-MOUTH DISEASE VIRUS, isolation & purification/ FREEZING/ HAMSTERS/ KIDNEY/ METHODS/ NITROGEN/ *PLAQUE ASSAY, standards/ *PRESERVATION, BIOLOGICAL/ TRYPSIN/ VESICULAR STOMATITIS VIRUS, isolation & purification

400. **Bartels ED, Jorgensen HE:** Experiences with percutaneous renal biopsy.
Scand J Urol Nephrol 6:Suppl 15:57-63, 1972
ADOLESCENCE/ ADULT/ BIOPSY, NEEDLE/ BIOPSY, NEEDLE, adverse effects/ CHILD/ CHILD, PRESCHOOL/ CREATININE, blood/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ GLOMERULAR FILTRATION RATE/ HEMATOMA, etiology/ HEMATURIA, etiology/ HUMAN/ INFANT/ KIDNEY DISEASES, diagnosis/ *KIDNEY DISEASES, pathology/ MALE/ MIDDLE AGE/ ULTRASONICS/ UROGRAPHY

401. **Barth G, Bunnenberg E, Djerassi C:** Magnetic circular dichroism studies. XIX. Determination of the tyrosine: tryptophan ratio in proteins.
Anal Biochem 48:471-9, Aug 72
ALCOHOL OXIDOREDUCTASES, analysis/ CATTLE/ CHICKENS/ CIRCULAR DICHROISM/ HUMAN/ IMMUNOGLOBULINS, analysis/ *MAGNETICS/ MATHEMATICS/ METHODS/ MURAMIDASE, analysis/ OVALBUMIN, analysis/ PEPSIN, analysis/ *PROTEINS, analysis/ SERUM ALBUMIN, BOVINE, analysis/ SPECTROPHOTOMETRY/ *SPECTRUM ANALYSIS/ SWINE/ TRYPSIN, analysis/ *TRYPTOPHAN, analysis/ *TYROSINE, analysis/ ULTRAVIOLET RAYS/ YEASTS, analysis

402. **Barth P, Czygan P, Zimmermann R:** Gerinnungsveränderungen nach Injektion von gereinigtem Kontaktaktivierungsprodukt.
Verh Dtsch Ges Inn Med 77:1029-32, 1971 (Ger)
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ *BLOOD COAGULATION DISORDERS, chemically induced/ BLOOD PLATELETS/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *ENDOTOXINS/ FACTOR V, analysis/ FACTOR VIII, analysis/ *FACTOR XI/ FEMALE/ FIBRINOGEN, analysis/ MALE/ RABBITS/ SALMONELLA TYPHOSA/ THROMBELASTOGRAPHY/ THROMBOSIS, etiology

403. **Barth P, Walter E, Zimmermann R, et al:** Uber die Anwendung von Acetylsalicylsäure bei Antikoagulantientherapie.
Dtsch Med Wochenschr 97:1854-9, 1 Dec 72 (Ger)
ADULT/ AGED/ ANALYSIS OF VARIANCE/ ASPIRIN, adverse effects/ ASPIRIN, blood/ *ASPIRIN, pharmacodynamics/ ASPIRIN, therapeutic use/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION FACTORS/ CLINICAL RESEARCH/ COUMARINS, blood/ *COUMARINS, pharmacodynamics/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ MIDDLE AGE/ PLATELET ADHESIVENESS, drug effects

404. **Barth P, Walter E, Weber E:** Untersuchungen zur Anwendung von Acetylsalicylsäure bei Patienten unter oraler Langzeitanticoagulantien-behandlung.
Verh Dtsch Ges Inn Med 78:723-6, 1972 (Ger)
*ANTICOAGULANTS, therapeutic use/ *ASPIRIN, administration & dosage/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION DISORDERS, drug therapy/ CLINICAL RESEARCH/ DRUG INTERACTIONS/ HUMAN/ PLACEBOS/ TIME FACTORS

405. **Barth P, Zimmermann R:** Coagulation changes induced by endotoxin and purified contact activation product.
Thromb Diath Haemorrh 28:280-8, 31 Oct 72
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ *ENDOTOXINS, pharmacodynamics/ FACTOR V, analysis/ FACTOR VIII, analysis/ FEMALE/ FIBRINOGEN, analysis/ JUGULAR VEIN/ MALE/ RABBITS/ SHWARTZMAN PHENOMENON, blood/ SWINE/ THROMBELASTOGRAPHY/ THROMBOSIS, diagnosis

406. **Barth V, Deininger HK, Babo H von, et al:** Vermeidbare diagnostische Irrtümer in Verbindung mit Röntgenuntersuchungen der weiblichen Brustdrüse. (Mammographien.
Dtsch Med Wochenschr 98:272-6, 9 Feb 73 (Ger)
ADULT/ *BREAST DISEASES, radiography/ *BREAST NEOPLASMS, radiography/ CARCINOMA, DUCTAL, radiography/ CICATRIX, radiography/ DIAGNOSIS, DIFFERENTIAL/ DIAGNOSTIC ERRORS/ FEMALE/ HEMATOMA, radiography/ HUMAN/ *MAMMOGRAPHY/ MIDDLE AGE/ PALPATION

407. **Bartkowski S, Polaczek-Kornecka B, Kleczyński S, et al:** Skojarzone leczenie przeciwbakteryjne i przeciwkrzepliwe przewlekłego zapalenia kości.
Pol Przegl Chir 45:713-7, Jun 73 (Pol)
ADOLESCENCE/ ADULT/ AGED/ *ANTIBIOTICS, therapeutic use/ *ANTICOAGULANTS, therapeutic use/ CHRONIC DISEASE/ DRUG SYNERGISM/ HUMAN/ MIDDLE AGE/ *OSTEITIS, drug therapy/ RECURRENCE

408. **Bartlett GR:** Effects of adenine on stored human red

cells. Adv Exp Med Biol 28:479-94, 1972
ACIDS/ *ADENINE, pharmacodynamics/ ADENOSINE DIPHOSPHATE, blood/ ADENOSINE TRIPHOSPHATE, blood/ *BLOOD PRESERVATION/ BLOOD TRANSFUSION/ CARBON ISOTOPES/ CHROMATOGRAPHY/ CITRATES/ *ERYTHROCYTES, drug effects/ GLUCOSE/ GLYCEROPHOSPHATES, metabolism/ HUMAN/ INDOMETHACIN, pharmacodynamics

409. **Barton S, Wimalasena J, Schachter M:** Subcellular location of the kininogenase in the coagulating gland of the guinea-pig.
Biochem Pharmacol 22:1121-3, 1 May 73
ACID PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ EXOCRINE GLANDS, cytology/ *EXOCRINE GLANDS, enzymology/ GUINEA PIGS/ KININASE II, analysis/ KININOGENS/ KININS/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, analysis/ SUBCELLULAR FRACTIONS, enzymology

410. **Baruah PC:** Subglottic capillary haemangioma.
J Indian Med Assoc 57:145, 16 Aug 71
FEMALE/ *HEMANGIOMA, diagnosis/ HUMAN/ *LARYNGEAL NEOPLASMS, diagnosis/ MIDDLE AGE

411. **Basch A, Huszka E:** Zervikales Hämatom nach Karotis-Angiographie unter Streptase-Behandlung.
Zentralbl Chir 97:1765-8, 9 Dec 72 (Ger)
ADULT/ AUTOPSY/ CAROTID ARTERIES, radiography/ *CEREBRAL ANGIOGRAPHY, adverse effects/ CEREBRAL ARTERIES/ CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ *HEMATOMA, etiology/ HUMAN/ NECK, blood supply/ *STREPTOKINASE, adverse effects/ STREPTOKINASE, therapeutic use/ *THROMBOEMBOLISM, drug therapy/ THROMBOEMBOLISM, etiology/ TIME FACTORS

412. **Baskerville A, Dow C, Curran WL, et al:** Further studies on experimental bacterial pneumonia: ultrastructural changes produced in the lungs by Salmonella cholerae-suis. Br J Exp Pathol 54:90-8, Feb 73
ANIMAL EXPERIMENTS/ CAPILLARIES/ EPITHELIUM, pathology/ FEMALE/ FIBRIN/ LIPOIDOSIS, pathology/ LUNG, blood supply/ *LUNG, pathology/ LYMPHATIC SYSTEM, pathology/ MACROPHAGES/ MALE/ NECROSIS/ PHAGOCYTOSIS/ PNEUMONIA, microbiology/ *PNEUMONIA, pathology/ PULMONARY ALVEOLI, pathology/ PULMONARY EDEMA, pathology/ SALMONELLA, isolation & purification/ SALMONELLA INFECTIONS, microbiology/ *SALMONELLA INFECTIONS, ANIMAL, pathology/ SWINE/ TIME FACTORS/ TOXINS

413. **Basova VG, Abramov ShI:** Rentgenodiagnostika posleoperatsionnykh spaek tonkoi kishki.
Vestn Rentgenol Radiol 48:33-8, Mar-Apr 73 (Rus)
ADHESIONS/ BARIUM SULFATE/ ENEMA/ FEMALE/ HUMAN/ *INTESTINAL DISEASES, radiography/ INTESTINE, SMALL/ MALE/ METHODS/ PNEUMOPERITONEUM, ARTIFICIAL/ *POSTOPERATIVE COMPLICATIONS, radiography

414. **Bassir O, Bababunmi EA:** Liver function and histology in various species of animal treated with non-lethal doses of aflatoxin B1. J Pathol 108:85-90, Sep 72
*AFLATOXIN, toxicity/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS/ DUCKS/ GOATS/ *HEPATITIS, TOXIC/ INDOCYANINE GREEN, metabolism/ *LIVER, drug effects/ LIVER, metabolism/ LIVER, pathology/ MALE/ PROTHROMBIN, biosynthesis

415. **Bastin R, Christol D, Kernbaum S, et al:** Leucémie lymphoïde chronique suivie d'une périartérite noueuse.
Ann Med Interne (Paris) 124:119-25, Feb 73 (Fre)
BIOPSY/ BLOOD CELL COUNT/ BLOOD PLATELETS/ DIETARY CARBOHYDRATES/ HUMAN/ HYDROXYCHLOROQUINE, therapeutic use/ *LEUKEMIA, LYMPHOCYTIC, complications/ LEUKEMIA, LYMPHOCYTIC, drug therapy/ MALE/ MIDDLE AGE/ MUSCLES, pathology/ PERIARTERITIS NODOSA, diagnosis/ PERIARTERITIS NODOSA, drug therapy/ *PERIARTERITIS NODOSA, etiology/ PERIARTERITIS NODOSA, pathology/ PREDNISONE, therapeutic use/ SPLENOMEGALY, radiotherapy/ SULFONAMIDES, therapeutic use

416. **Basu AK, Chatterjea JB:** Circulating inhibitor against factor VIII.
Bull Calcutta Sch Trop Med 20:19-20, Apr 72
ADULT/ *ANTIBODIES, analysis/ CASE REPORT/ *FACTOR VIII, antagonists & inhibitors/ HEMORRHAGE, complications/ HUMAN/ MALE/ PROTHROMBIN TIME/ THROMBOPLASTIN, analysis

417. **Basu HK:** Some observations on the aetiology and management of coagulation failure complicating abruptio placentae.
J Indian Med Assoc 58:409-16, 1 Jun 72
*ABRUPTIO PLACENTAE, complications/ ABRUPTIO PLACENTAE, therapy/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION DISORDERS, prevention & control/ FEMALE/ FIBRINOGEN, blood/ HEMORRHAGE, POSTPARTUM, blood/ HEMORRHAGE, POSTPARTUM, etiology/ HUMAN/ LABOR, INDUCED/ PREGNANCY

418. **Basu HN, Hussain Q, Mittal MM, et al:** Study of plasma fibrinogen and fibrinolytic activity in acute myocardial infarction.
J Indian Med Assoc 57:135-8, 16 Aug 71
ASPARTATE AMINOTRANSFERASE, blood/ BLOOD SEDIMENTATION/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ HUMAN/ *MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, enzymology

419. **Bateson EM:** So-called hamartoma of the lung--a true neoplasm of fibrous connective tissue of the bronchi.
Cancer 31:1458-67, Jun 73
*BRONCHI, pathology/ *BRONCHIAL NEOPLASMS, pathology/ *HEMATOMA, pathology/ HUMAN/ *LUNG NEOPLASMS, pathology/ *NEOPLASMS, CONNECTIVE TISSUE, pathology

420. **Batoev TsZh:** Dinamika sokootdeleniia i vydeleniia fermentov podzheludochnogo soka u ptits.
Fiziol Zh SSSR 58:1771-3, Nov 72 (Rus)
*AMYLASE, secretion/ ANIMAL EXPERIMENTS/ *BIRDS, physiology/ CHICKENS, physiology/ DUCKS, physiology/ GEESE, physiology/ *PANCREAS, secretion/ *PANCREATIC JUICE, secretion/ *PEPTIDE HYDROLASES, secretion

421. **Battelli MG, Lorenzoni E, Stripe F:** Milk xanthine oxidase type D (dehydrogenase) and type O (oxidase). Purification, interconversion and some properties.
Biochem J 131:191-8, Feb 73
CATTLE/ CHYMOTRYPSIN, pharmacodynamics/ DITHIOTHREITOL, pharmacodynamics/ ELECTROPHORESIS, DISK/ KINETICS/ LIPOIC ACID, pharmacodynamics/ MILK, drug effects/ *MILK, enzymology/ *MULTIENZYME COMPLEXES, isolation & purification/ NAD/ NAD, pharmacodynamics/ PAPAIN, pharmacodynamics/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SUBTILISINS, pharmacodynamics/ TIME FACTORS/ XANTHINE OXIDASE, antagonists & inhibitors/ *XANTHINE OXIDASE, isolation & purification/ XANTHINE OXIDASE, metabolism

422. **Battifora H:** Hemangiopericytoma: ultrastructural study of five cases. Cancer 31:1418-32, Jun 73
ADULT/ BASEMENT MEMBRANE/ *CAPILLARIES, pathology/ CELL NUCLEUS/ CONNECTIVE TISSUE CELLS/ ENDOTHELIUM, cytology/ FEMALE/ *HEMANGIOPERICYTOMA, pathology/ HUMAN/ MALE/ MICROSCOPY, ELECTRON/ MIDDLE AGE

423. **Baudach A:** Beeinflussung der Hämatopoese durch Arzneimittel.
Z Aerztl Fortbild (Jena) 66:657-9, 1 Jul 72 (Ger)
AGRANULOCYTOSIS, chemically induced/ ANEMIA, chemically induced/ ANEMIA, HEMOLYTIC, chemically induced/ BLOOD PLATELET DISORDERS, chemically induced/ *BONE MARROW DISEASES, chemically induced/ DRUG HYPERSENSITIVITY/ *HEMATOPOIESIS, drug effects/ HUMAN/ *IATROGENIC DISEASE/ LYMPHATIC DISEASES, chemically induced

424. **Bauer CA, Ehrensvärd G:** Modifications of trypsin with diazobenzenesulphonic acid.
Acta Chem Scand 26:1209-16, 1972
AMINOBENZOIC ACID/ BUTYLAMINES/ *DIAZONIUM COMPOUNDS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ IN VITRO/ METHODS/ SPECTROPHOTOMETRY/ *SULFONIC ACIDS/ TIME FACTORS/ *TRYPSIN/ TRYPSIN, isolation & purification

425. **Bauer K:** The development of the antigenic structures of human - 1 -antichymotrypsin and C 1q.
Humangenetik 17:267-70, 1973
ANIMAL EXPERIMENTS/ *ANTIGENIC DETERMINANTS/ CARNIVORA/ CATS/ CATTLE/ CHIMPANZEES/ *CHYMOTRYPSIN/ CROSS REACTIONS/ GUINEA PIGS/ HORSES/ HUMAN/ IMMUNE SERUMS/ MONKEYS/ RABBITS, immunology/ RATS/ SHEEP/ SWINE

426. **Bauer U, Wieczorek V, Bock R, et al:** Intrakranielle Komplikationen unter der Antikoagulantientherapie.
Dtsch Gesundheitsw 28:360-3, 4 Feb 73 (Ger)
AGED/ ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, therapeutic use/ BRAIN CONCUSSION, complications/ *CEREBRAL HEMORRHAGE, chemically induced/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, drug therapy/ THROMBOPHLEBITIS, drug therapy

427. **Baugh RJ, Trowbridge CG:** Calorimetry of some trypsin-trypsin inhibitor reactions.
J Biol Chem 247:7498-501, 10 Dec 72
AMINO ACID SEQUENCE/ CALORIMETRY/ CHEMISTRY/ EGG PROTEINS/ MUCOPROTEINS/ PLANTS/ SOY BEANS/ STRUCTURE-ACTIVITY RELATIONSHIP/ THERMODYNAMICS/ *TRYPSIN/ *TRYPSIN INHIBITORS

428. **Baum D, Guthrie R, Brunzell JD, et al:** Triglyceride abnormality in infantile hypothyroidism.
Am J Dis Child 125:612-3, Apr 73
CHOLESTEROL, blood/ CHYLOMICRONS, blood/ CRETINISM, drug therapy/ *CRETINISM, metabolism/ HUMAN/ HYPERLIPEMIA, complications/ *HYPOTHYROIDISM, metabolism/ INFANT/ IODINE ISOTOPES/ LIPOPROTEIN LIPASE, blood/ LIPOPROTEINS, blood/ MALE/ THYROID GLAND FUNCTION TESTS/ THYROID HORMONES, administration & dosage/ THYROXINE, blood/ TRIGLYCERIDES, blood/ *TRIGLYCERIDES, metabolism

429. **Baum GL:** Differential diagnosis of chronic respiratory insufficiency.
Med Clin North Am 57:623-35, May 73 (55 ref.)
AIRWAY OBSTRUCTION, complications/ ALKALOSIS, complications/ ALPHA GLOBULIN/ AMYOTROPHIC LATERAL SCLEROSIS, complications/ BRONCHITIS, complications/ HEAD INJURIES, complications/ HEART FAILURE, CONGESTIVE, complications/ HEMOTHORAX, complications/ HUMAN/ METABOLISM, INBORN ERRORS, complications/ MUSCULAR DYSTROPHY, complications/ MYASTHENIA GRAVIS, complications/ MYXEDEMA, complications/ OBESITY, complications/ PLEURAL DISEASES, complications/ POLIOMYELITIS, complications/ POLYRADICULITIS, complications/ PULMONARY EMBOLISM, complications/ PULMONARY EMPHYSEMA, complications/ *RESPIRATORY INSUFFICIENCY, etiology/ REVIEW/ SMOKING, complications/ TRANQUILIZING AGENTS, adverse effects/ TRYPSIN INHIBITORS, blood

430. **Baum SM, Pochaczevsky R, Sussman R, et al:** Central hemangioma of the maxilla.
J Oral Surg 30:885-92, Dec 72 (30 ref.)
ADULT/ BIOPSY/ CASE REPORT/ FEMALE/ *HEMANGIOMA/ HEMANGIOMA, pathology/ HEMANGIOMA, radiography/ HEMANGIOMA, radiotherapy/ HEMANGIOMA, surgery/ HEMANGIOMA, therapy/ HUMAN/ *JAW NEOPLASMS/ JAW NEOPLASMS, radiography/ MAXILLARY NEOPLASMS, surgery/ MAXILLARY NEOPLASMS, therapy/ REVIEW/ SCLEROSING SOLUTIONS, therapeutic use

431. **Baumagartner HR, Grimm L, Zbinden G:** Effect of generation of mural platelet thrombi on circulating blood in rabbit aorta. Experientia 29:442-5, 15 Apr 73
ANIMAL EXPERIMENTS/ *AORTIC DISEASES, blood/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ ENDOTHELIUM/ FEMALE/ HEMATOCRIT/ HEMOGLOBIN/ MALE/ PLATELET ADHESIVENESS/ RABBITS/ *THROMBOSIS, blood

432. **Baumann JB, Nars PW, Stahl M, et al:** Zur Aufnahme und Inaktivierung von ACTH an isolierten Fettzellen.
Schweiz Med Wochenschr 103:845-7, 9 Jun 73 (Ger)
ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, immunology/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ BINDING SITES/ CALCIUM, metabolism/ *CORTICOTROPIN, metabolism/ ENGLISH ABSTRACT/ IODINE ISOTOPES/ MALE/ RADIOIMMUNOASSAY/ RATS/ RECEPTORS, HORMONE/ TRYPSIN

433. **Baumann JB, Stahl M, Nars PW, et al:** Effect of collagenase on human growth hormone and ACTH.
Horm Metab Res 5:228, May 73
ADIPOSE TISSUE, drug effects/ ADIPOSE TISSUE, metabolism/ CHARCOAL/ *CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ *CORTICOTROPIN, metabolism/ HUMAN/ IMMUNE SERUMS/ IODINE ISOTOPES/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ PLANTS/ PROTEIN BINDING/ RADIOIMMUNOASSAY/ *SOMATOTROPIN, metabolism/ TRYPSIN INHIBITORS, pharmacodynamics

434. **Baumann R, Loskant G, Rindt W:** Postoperative Thromboseprophylaxe mit Chlorphenylindandion in der Gynäkologie. Med Welt 24:471-2, 23 Mar 73 (Ger)
*ANTICOAGULANTS, therapeutic use/ DELIVERY/ FEMALE/ GYNECOLOGIC DISEASES, surgery/ HUMAN/ *INDENES, therapeutic use/ KETONES, therapeutic use/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PREGNANCY/ *THROMBOSIS, prevention & control

435. **Baume PE, Wilson R:** Modified gastric hypothermia in the management of upper gastro-intestinal haemorrhage. Med J Aust 2:1452-5, 23 Dec 72
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ DUODENAL ULCER, complications/ DUODENAL ULCER, surgery/ FEMALE/ *GASTRIC HYPOTHERMIA/ GASTRITIS, therapy/ HEMORRHAGE, GASTROINTESTINAL, surgery/ *HEMORRHAGE, GASTROINTESTINAL, therapy/ HUMAN/ MALE/ MIDDLE AGE/ PEPTIC ULCER HEMORRHAGE, surgery/ PEPTIC ULCER HEMORRHAGE, therapy/ PHOBIAS/ RESUSCITATION/ STOMACH ULCER, complications/ THROMBOPENIA, complications

436. **Baumes RM:** Purpura de Gardner et Diamond. A propos d'un cas d'ecouvert chez une jeune fille marocaine.
Maroc Med 52:746-7, Dec 72 (Fre)
ADOLESCENCE/ *AUTOIMMUNE DISEASES/

BLOOD COAGULATION TESTS/ FEMALE/ HUMAN/ *PURPURA

437. **Baumgartner HR:** The role of blood flow in platelet adhesion, fibrin deposition, and formation of mural thrombi. Microvasc Res 5:167-79, Mar 73
ANIMAL EXPERIMENTS/ AORTA, ABDOMINAL/ *BLOOD COAGULATION/ *BLOOD FLOW VELOCITY/ ENDOTHELIUM, physiology/ *FIBRIN/ MICROSCOPY, ELECTRON/ PERFUSION, instrumentation/ *PLATELET ADHESIVENESS/ RABBITS/ THROMBOSIS

438. **Baumgartner HR, Haudenschild C:** Adhesion of platelets to subendothelium.
Ann NY Acad Sci 201:22-36, 27 Oct 72
ANIMAL EXPERIMENTS/ BLOOD FLOW VELOCITY/ CAROTID ARTERIES, drug effects/ CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ COLLAGEN, physiology/ *CONNECTIVE TISSUE, physiology/ ELASTIN, physiology/ EPITHELIUM, drug effects/ FEMALE/ MALE/ MICROSCOPY, ELECTRON/ PANCREATOPEPTIDASE, pharmacodynamics/ *PLATELET ADHESIVENESS/ RABBITS/ TRYPSIN, pharmacodynamics

439. **Baurain RM, Moreux JC, Lamy F:** Rapid preequilibrium determination of molecular weights in the ultracentrifuge.
Biochim Biophys Acta 295:18-29, 25 Jan 73
ALDOLASE/ CHYMOTRYPSIN/ CHYMOTRYPSINOGEN/ COMPUTERS, DIGITAL/ *ENZYMES/ ENZYMES, standards/ EVALUATION STUDIES/ MATHEMATICS/ METHODS/ *MOLECULAR WEIGHT/ MURAMIDASE/ PROTEINS/ REGRESSION ANALYSIS/ RIBONUCLEASE/ TIME FACTORS/ TRYPSIN/ *ULTRACENTRIFUGATION

440. **Bauters F:** Lee phosphate de betaméthasone en hématologie. Lille Med 16:s 2:625-30, Apr 71 (Fre)
ANEMIA, APLASTIC, drug therapy/ ANTINEOPLASTIC AGENTS, therapeutic use/ BETAMETHASONE, adverse effects/ *BETAMETHASONE, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ DRUG TOLERANCE/ FEMALE/ *HEMATOLOGIC DISEASES, drug therapy/ HUMAN/ *LEUKEMIA, LYMPHOBLASTIC, drug therapy/ LEUKEMIA, MYELOBLASTIC, drug therapy/ *LYMPHOSARCOMA, drug therapy/ MALE/ PURPURA, THROMBOPENIC, drug therapy/ THALASSEMIA, drug therapy

441. **Bayer PM, Wewalka F:** Syndrom der "Sea-blue Histiocytes" bzw. der sogenannten "Blauen Pigmentmakrophagen".
Wien Klin Wochenschr 85:514-7, 20 Jul 73 (Ger)
CHROMATOGRAPHY, THIN LAYER/ COLOR/ ENGLISH ABSTRACT/ HEPATOMEGALY, blood/ *HISTIOCYTES, analysis/ HISTOCYTOCHEMISTRY/ HUMAN/ LIVER, pathology/ *MACROPHAGES, analysis/ MALE/ MICROSCOPY, FLUORESCENCE/ PHOSPHOLIPIDS, blood/ *PIGMENTS, analysis/ PURPURA, THROMBOPENIC, blood/ SPHINGOMYELINS, blood/ SPLENOMEGALY, blood/ SYNDROME

442. **Baylin SB, Beaven MA, Krauss RM, et al:** Response of plasma histaminase activity to small doses of heparin in normal subjects and patients with hyperlipoproteinemia. J Clin Invest 52:1985-93, Aug 73
ADOLESCENCE/ ADULT/ *BLOOD PROTEIN DISORDERS, enzymology/ CARCINOMA, enzymology/ CHILD/ CHILD, PRESCHOOL/ CHOLESTEROL, blood/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ HEPARIN, administration & dosage/ *HEPARIN, pharmacodynamics/ *HISTAMINASE, blood/ HUMAN/ INJECTIONS, INTRAVENOUS/ LIPOPROTEIN LIPASE, antagonists & inhibitors/ *LIPOPROTEINS, blood/ MALE/ MIDDLE AGE/ MONOAMINE OXIDASE, blood/ PREGNANCY/ PREGNANCY COMPLICATIONS, enzymology/ RADIOIMMUNOASSAY/ THYROID NEOPLASMS, enzymology/ TRIGLYCERIDES, blood

443. **Bazar'ian GG, Sytina NP:** Vosstanovlenie funktsii protivosvertyvaiushcheĭ sistemy u zhivotnykh pri perevode ikh s aterogennoĭ diety na estestvennyĭ ratsion.
Vopr Pitan 31:33-8, Nov-Dec 72 (Rus)
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ CHOLESTEROL, blood/ *DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ FACTOR VIII/ FIBRINOGEN, metabolism/ FIBRINOLYSIS/ LIPOPROTEIN LIPASE, blood/ MALE/ RATS

444. **Bazerque PM, Galmarini JC, Evangelista JC:** Prueva ciega doble sobre el efecto anti-inflamatorio de enzimas proteolíticas.
Medicina (B Aires) 32:357-62, Jul-Aug 72 (Spa)
*ANTI-INFLAMMATORY AGENTS, therapeutic use/ CHYMOTRYPSIN, therapeutic use/ CLINICAL RESEARCH/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ HUMAN/ *INFLAMMATION, drug therapy/ OXYPHENBUTAZONE, therapeutic use/ PAPAIN, therapeutic use/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ PLACEBOS/ *POSTOPERATIVE COMPLICATIONS, drug therapy/ *SURGERY, ORAL/ TRYPSIN, therapeutic use

445. **Bazex A, Dupré A, Christol B, et al:** Réactions sclérodermiformes lombo-fessières après injection de vitamine K 1 : présentation de 2 observations. Constations histologiques.
Bull Soc Fr Dermatol Syphiligr 79:578-81, 1972 (Fre)
AGED/ BIOPSY/ BUTTOCKS/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PHYTONADIONE, adverse effects/ *SCLERODERMA, CIRCUMSCRIBED, chemically induced/ SCLERODERMA, CIRCUMSCRIBED, diagnosis/ SCLERODERMA, CIRCUMSCRIBED, pathology

446. **Beachey EH, Stollerman GH:** Mediation of cytotoxic effects of streptococcal M protein by nontype-specific antibody in human sera.
J Clin Invest 52:2563-70, Oct 73
ABSORPTION/ ACRYLAMIDES/ ANTIBODIES/ *BACTERIAL PROTEINS/ BLOOD PLATELETS, immunology/ CATTLE/ CELL MEMBRANE, immunology/ CELL MIGRATION INHIBITION/ CELL WALL, immunology/ COMPARATIVE STUDY/ COMPLEMENT FIXATION TESTS/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ GAMMA GLOBULIN/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNE SERUMS/ LEUKOCYTES, immunology/ MONKEYS/ PEPTIDES/ PHAGOCYTOSIS/ PROTOPLASTS, immunology/ RABBITS/ *STREPTOCOCCUS/ STREPTOCOCCUS, cytology/ TIME FACTORS

447. **Bean WJ, Smith SL, Corcoran JR:** Transluminal popliteal artery dilatation.
J La State Med Soc 125:91-2, Mar 73
AGED/ ARTERIAL OCCLUSIVE DISEASES, radiography/ *ARTERIAL OCCLUSIVE DISEASES, therapy/ *CATHETERIZATION/ DILATATION/ HEPARIN, therapeutic use/ HUMAN/ MALE/ *POPLITEAL ARTERY/ POPLITEAL ARTERY, radiography

448. **Beasley H:** Miotics in cataract surgery.
Trans Am Ophthalmol Soc 60:237-44, 1971
ACETYLCHOLINE, administration & dosage/ *ACETYLCHOLINE, therapeutic use/ *ADHESIONS, prevention & control/ CARBACHOL, administration & dosage/ *CARBACHOL, therapeutic use/ *CATARACT EXTRACTION, adverse effects/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ HUMAN/ MIOTICS, administration & dosage/ *MIOTICS, therapeutic use/ OPHTHALMIC SOLUTIONS/ TIME FACTORS

449. **Beaujean M, Honoré D:** Aspects cliniques et possibilités actuelles de traitement des thromboses veineuses profondes.
Rev Med Liege 28:13-22, 1 Jan 73 (Fre)

ANTICOAGULANTS, therapeutic use/ EXERCISE THERAPY/ HUMAN/ *LEG, blood supply/ METHODS/ PHLEBOGRAPHY/ PHYSICAL THERAPY/ PULMONARY EMBOLISM, etiology/ *THROMBOPHLEBITIS/ THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, physiopathology/ THROMBOPHLEBITIS, radiography/ THROMBOPHLEBITIS, surgery/ THROMBOPHLEBITIS, therapy

450. **Bech-Jansen P, Beck O:** Influence of heparinization on pH determinations from arterial blood samples. Acta Anaesthesiol Scand 16:35-7, 1972
ARTERIES/ BLOOD SPECIMEN COLLECTION/ HEPARIN, blood/ *HEPARIN, pharmacodynamics/ HUMAN/ *HYDROGEN-ION CONCENTRATION

451. **Béchet JJ, Dupaix A, Yon J, et al:** Inactivation of alpha-chymotrypsin by a bifunctional reagent, 3,4-dihydro-3,4-dibromo-6-bromomethylcoumarin. Eur J Biochem 35:527-39, 15 Jun 73
ACETYLATION/ ACRIDINES/ ALKYLATION/ AMINES/ BINDING SITES/ BROMINE/ CHEMISTRY/ *CHYMOTRYPSIN, antagonists & inhibitors/ *COUMARINS/ ESTERS/ HISTIDINE/ HYDROGEN-ION CONCENTRATION/ PROTEIN BINDING/ SERINE/ STRUCTURE-ACTIVITY RELATIONSHIP

452. **Béchet JJ, Dupaix A, Roucous C:** Specificity of -chymotrypsin. The -chymotrypsin-catalyzed hydrolysis of N-acylamino acid p-nitrophenyl esters. Biochemistry 12:2566-72, 3 Jul 73
ACYLATION/ *AMINO ACIDS, metabolism/ BINDING SITES/ *CHYMOTRYPSIN, metabolism/ ESTERS, metabolism/ HYDROLYSIS/ KINETICS/ *NITROPHENOLS, metabolism/ OPTICAL ROTATION/ PROTEIN BINDING/ PROTEIN CONFORMATION/ STRUCTURE-ACTIVITY RELATIONSHIP/ TIME FACTORS

453. **Beck EA:** Blutungszeit-Gerinnungszeit: ein Anachronismus. Praxis 61:1049-50, 15 Aug 72 (Ger)
*BLOOD COAGULATION TESTS/ BLOOD PLATELET DISORDERS, diagnosis/ *HEMORRHAGIC DIATHESIS, blood/ HUMAN/ NOMENCLATURE/ TIME FACTORS

454. **Beck EA, Buehler F, Armentrout SA, et al:** Early hematological abnormalities associated with chloramphenicol therapy. Helv Med Acta 36:295-306, 1972
AGRANULOCYTOSIS, chemically induced/ ANEMIA, chemically induced/ BLOOD PLATELET DISORDERS, chemically induced/ BONE MARROW CELLS, drug effects/ CHLORAMPHENICOL, administration & dosage/ *CHLORAMPHENICOL, adverse effects/ CHLORAMPHENICOL, pharmacodynamics/ ERYTHROPOIESIS, drug effects/ *HEMATOLOGIC DISEASES, chemically induced/ HUMAN/ LEUKOCYTE COUNT

455. **Beck EL, Kitting RW:** Flatfoot-dropfoot due to anterior tibial tendovaginal adhesions. J Am Podiatry Assoc 63:440-6, Sep 73
ADHESIONS/ CHILD, PRESCHOOL/ *FLATFOOT, etiology/ FLATFOOT, surgery/ HUMAN/ MALE/ TENDONS/ TIBIA

456. **Beck IT:** The role of pancreatic enzymes in digestion. Am J Clin Nutr 26:311-25, Mar 73 (122 ref.)
AMYLASE, metabolism/ ANIMAL EXPERIMENTS/ CARBOXYPEPTIDASES, metabolism/ CHYMOTRYPSIN, metabolism/ CLOSTRIDIOPEPTIDASE A, metabolism/ DEOXYRIBONUCLEASE, metabolism/ *DIGESTION/ DRUG SYNERGISM/ ENZYME ACTIVATION/ ENZYME PRECURSORS/ HUMAN/ *HYDROLASES, metabolism/ HYDROLASES, secretion/ LIPASE, metabolism/ LIPIDS, metabolism/ *PANCREAS, enzymology/ PANCREAS, secretion/ PANCREATOPEPTIDASE, metabolism/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, metabolism/ POLYSACCHARIDES, metabolism/ PROTEINS, metabolism/ REVIEW/ RIBONUCLEASE, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN, metabolism

457. **Becker CG, Nachman RL:** Contractile proteins of endothelial cells, platelets and smooth muscle. Am J Pathol 71:1-22, Apr 73 (34 ref.)
ACTOMYOSIN, analysis/ *ACTOMYOSIN, isolation & purification/ ACTOMYOSIN, metabolism/ ADENOSINE TRIPHOSPHATASE, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ AUTOPSY/ BLOOD PLATELETS, analysis/ *BLOOD PLATELETS, immunology/ BLOOD PLATELETS, pathology/ CELL AGGREGATION/ CELL DIFFERENTIATION/ EPITHELIAL CELLS, analysis/ EPITHELIAL CELLS, immunology/ FLUORESCENT ANTIBODY TECHNIC/ IGG, analysis/ MUSCLE CONTRACTION/ MUSCLE, SMOOTH, analysis/ *MUSCLE, SMOOTH, cytology/ MUSCLE, SMOOTH, immunology/ MUSCLE, SMOOTH, pathology/ MYOCARDIUM, cytology/ RABBITS/ REVIEW/ UTERUS, analysis/ UTERUS, immunology/ UTERUS, pathology

458. **Becker FF, Klein KM:** The synergistic effect of hypoglycemia and L-asparaginase upon transplantable hepatomas of varying growth rates. Cancer Res 32:2082-4, Oct 72
ANIMAL EXPERIMENTS/ ASPARAGINASE, administration & dosage/ *ASPARAGINASE, pharmacodynamics/ CELL LINE/ *DNA, NEOPLASM, biosynthesis/ ESCHERICHIA COLI, enzymology/ GLUCOSE, pharmacodynamics/ *HEMATOMA, metabolism/ HEPATECTOMY/ HEPATOMA, physiopathology/ *HYPOGLYCEMIA, physiopathology/ LIVER, drug effects/ LIVER, metabolism/ LIVER, physiopathology/ *LIVER NEOPLASMS, metabolism/ LIVER NEOPLASMS, physiopathology/ NEOPLASM TRANSPLANTATION/ NEOPLASMS, EXPERIMENTAL, metabolism/ RATS/ RATS, INBRED ACI/ RATS, INBRED STRAINS/ THYMIDINE, metabolism/ TIME FACTORS/ TRITIUM

459. **Becker GA, Tuccelli M, Kunicki T, et al:** Studies of platelet concentrates stored at 22 C nad 4 C. Transfusion 13:61-8, Mar 73
ASPIRIN, pharmacodynamics/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS/ *BLOOD PRESERVATION/ BLOOD TRANSFUSION/ CELL SURVIVAL/ CHROMIUM ISOTOPES/ HUMAN/ MICROSCOPY, ELECTRON/ TEMPERATURE/ THROMBOPENIA, therapy

460. **Becker J:** The diagnosis of venous thrombosis in the legs using I-labelled fibrinogen. An experimental and clinical study. Acta Chir Scand 138:667-81, 1972
ANIMAL EXPERIMENTS/ FEMALE/ FEMORAL VEIN/ *FIBRINOGEN, diagnostic use/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ *LEG, blood supply/ MALE/ MIDDLE AGE/ PHLEBOGRAPHY/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, prevention & control/ RABBITS/ THROMBIN/ THROMBOPHLEBITIS, chemically induced/ *THROMBOPHLEBITIS, diagnosis

461. **Becker J:** The relation of platelet adhesiveness to postoperative venous thrombosis of the legs. A clinical study. Acta Chir Scand 138:781-6, 1972
AGED/ BLOOD PLATELETS/ FEMALE/ HUMAN/ IODINE ISOTOPES/ LEG, blood supply/ MALE/ MIDDLE AGE/ PHLEBOGRAPHY/ *PLATELET ADHESIVENESS/ POSTOPERATIVE COMPLICATIONS/ *THROMBOPHLEBITIS, blood/ THROMBOPHLEBITIS, etiology

462. **Becker J:** Fibrinolytic activity of the blood and its

relation to postoperative venous thrombosis of the lower limbs. A clinical study.
Acta Chir Scand 138:787-92, 1972
AGED/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ IODINE ISOTOPES/ LEG, blood supply/ MALE/ MIDDLE AGE/ PHLEBOGRAPHY/ POSTOPERATIVE COMPLICATIONS/ PROSPECTIVE STUDIES/ *THROMBOPHLEBITIS, blood

463. **Becker J:** Post-operative venous thrombosis. A clinical and experimental study with special reference to early diagnosis, prophylaxis, course and some haematological findings.
Acta Chir Scand [Suppl] 431:1-38, 1972
AGED/ AMINOCAPROIC ACID, therapeutic use/ ANIMAL EXPERIMENTS/ BLOOD FLOW VELOCITY/ BLOOD PLATELETS/ DEXTRAN, therapeutic use/ ELECTRIC STIMULATION/ FIBRIN, metabolism/ FIBRINOGEN, diagnostic use/ HUMAN/ IODINE ISOTOPES/ LEG, blood supply/ MALE/ MIDDLE AGE/ PHLEBOGRAPHY/ PLATELET ADHESIVENESS/ *POSTOPERATIVE COMPLICATIONS/ PROSTATECTOMY/ RABBITS/ THROMBOPHLEBITIS, blood/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, prevention & control/ TIME FACTORS

464. **Becker J, Schampl B:** The incidence of postoperative venous thrombosis of the legs. A comparative study on the prophylactic effect of dextran 70 and electrical calf-muscle stimulation.
Acta Chir Scand 139:357-67, 1973
AGED/ BLOOD CIRCULATION/ CHOLECYSTECTOMY/ COMPARATIVE STUDY/ *DEXTRAN, therapeutic use/ *ELECTRIC STIMULATION/ FEMALE/ FIBRINOGEN, diagnostic use/ HUMAN/ IODINE ISOTOPES/ LEG, blood supply/ MALE/ MIDDLE AGE/ MUSCLES/ PHLEBOGRAPHY/ *POSTOPERATIVE COMPLICATIONS/ PREMEDICATION/ PROSTATECTOMY/ THROMBOPHLEBITIS, drug therapy/ *THROMBOPHLEBITIS, prevention & control

465. **Becker JM, Naider F, Katchalski E:** Peptide utilization in yeast. Studies on methionine and lysine auxotrophs of Saccharomyces cerevisiae.
Biochim Biophys Acta 291:388-97, 26 Jan 73
CELL-FREE SYSTEM/ CULTURE MEDIA/ ELECTROPHORESIS, PAPER/ HYDROLYSIS/ *LYSINE, metabolism/ *METHIONINE, metabolism/ MUTATION/ PEPTIDE HYDROLASES, analysis/ PEPTIDES, administration & dosage/ *PEPTIDES, metabolism/ SACCHAROMYCES CEREVISIAE, enzymology/ SACCHAROMYCES CEREVISIAE, growth & development/ *SACCHAROMYCES CEREVISIAE, metabolism/ SPHEROPLASTS/ TIME FACTORS

466. **Becker LC:** Early treatment of acute myocardial infarction. Am Fam Physician 6:120-8, Oct 72
ANTICOAGULANTS, therapeutic use/ ARRHYTHMIA, drug therapy/ ARRHYTHMIA, etiology/ BRADYCARDIA, etiology/ ELECTRIC COUNTERSHOCK/ HEART BLOCK, etiology/ HEART FAILURE, CONGESTIVE, etiology/ HUMAN/ HYPNOTICS AND SEDATIVES, therapeutic use/ MYOCARDIAL INFARCT, complications/ MYOCARDIAL INFARCT, diagnosis/ MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, physiopathology/ *MYOCARDIAL INFARCT, therapy/ NARCOTICS, therapeutic use/ OXYGEN INHALATION THERAPY/ PROCAINE AMIDE, therapeutic use/ REST/ SHOCK, CARDIOGENIC, etiology/ TACHYCARDIA, etiology/ TACHYCARDIA, therapy/ TIME FACTORS

467. **Becker U, Timpl R, Kühn K:** Carboxyterminal antigenic determinants of collagen from calf skin. Localization within discrete regions of the nonhelical sequence.
Eur J Biochem 28:221-31, 13 Jul 72
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ ANTIBODY SPECIFICITY/ *ANTIGENIC DETERMINANTS, analysis/ CARBOXYPEPTIDASES/ CATTLE/ CHYMOTRYPSIN/ *COLLAGEN, analysis/ CYANOGEN BROMIDE/ GEL FILTRATION/ HEMAGGLUTINATION INHIBITION TESTS/ PEPTIDES, analysis/ RABBITS, immunology/ *SKIN/ TRYPSIN/ TYROSINE/ UREA

468. **Becker V:** Die fibrinoide Nekrosezone beim Ulcus ventriculi.
Leber Magen Darm 2:241-4, Dec 72 (Ger)
CICATRIX/ ENGLISH ABSTRACT/ EPITHELIAL CELLS/ FIBRIN/ GASTRIC JUICE/ GASTRIC MUCOSA, pathology/ GRANULATION TISSUE, pathology/ HUMAN/ NECROSIS/ PEPTIC ULCER PERFORATION, etiology/ STOMACH ULCER, complications/ *STOMACH ULCER, pathology

469. **Bector NP, Gupta RK, Pahuja JK:** Fibrinolytic activity and recalcified plasma clotting time in uremia.
J Assoc Physicians India 19:615-8, Sep 71
ADOLESCENCE/ ADULT/ BLOOD COAGULATION TESTS/ FEMALE/ FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ *UREMIA, blood

470. **Bedarida G, Zacchi T, Tassi GC:** Detection in serum hepatitis of the Au-anti-Au immune complex and of the antigen and antibody by means of the modified electrosyneresis technique.
Prog Immunobiol Stand 5:75-80, 1972
ALANINE AMINOTRANSFERASE, blood/ *ANTIBODIES, VIRAL, isolation & purification/ *ANTIGEN-ANTIBODY COMPLEX/ *AUSTRALIA ANTIGEN, isolation & purification/ BLOOD TRANSFUSION, adverse effects/ COMPLEMENT FIXATION TESTS/ HEPATITIS, HOMOLOGOUS SERUM, enzymology/ HEPATITIS, HOMOLOGOUS SERUM, etiology/ *HEPATITIS, HOMOLOGOUS SERUM, immunology/ HUMAN/ IMMUNOLOGIC TECHNICS/ PEPTIDE HYDROLASES

471. **Bednář B, Trapl J:** Elektronová mikroskopieangiomů.
Cesk Patol 8:131-7, Aug 72 (Cze)
ANGIOKERATOMA, pathology/ BASEMENT MEMBRANE, pathology/ CAPILLARIES, pathology/ ENGLISH ABSTRACT/ FERRITIN, analysis/ *HEMANGIOMA, pathology/ HUMAN/ LYMPHANGIOMA, pathology/ MICROSCOPY, ELECTRON/ SARCOMA, KAPOSI'S, pathology

472. **Beduhn D, Kampmann H, Encke A, et al:** Vergleichende angiographische und szintigraphische Untersuchungen beim experimentellen Parenchym- und Verschlussikterus.
Radiologe 13:11-25, Jan 73 (Ger)
ALANINE AMINOTRANSFERASE, blood/ ALKALINE PHOSPHATASE, blood/ ANGIOGRAPHY/ ANIMAL EXPERIMENTS/ BILIRUBIN, blood/ BLOOD COAGULATION TESTS/ CARBON TETRACHLORIDE/ CELIAC ARTERY/ CHOLANGIOGRAPHY/ DOGS/ HEPATITIS, TOXIC/ JAUNDICE, blood/ *JAUNDICE, diagnosis/ JAUNDICE, radiography/ JAUNDICE, OBSTRUCTIVE, blood/ JAUNDICE, OBSTRUCTIVE, diagnosis/ JAUNDICE, OBSTRUCTIVE, radiography/ LACTATE DEHYDROGENASE, blood/ METHODS/ PORTAL SYSTEM, radiography/ RADIOISOTOPE SCANNING

473. **Begueret J, Bernet J:** Proteolytic enzymes and protoplasmic incompatibility in Podospora anserina.
Nature [New Biol] 243:94-6, 16 May 73
ASCOMYCETES, cytology/ *ASCOMYCETES, enzymology/ BENZYL COMPOUNDS, pharmacodynamics/ CHLOROMERCURIBENZOATES, pharmacodynamics/ CHROMATOGRAPHY, ION EXCHANGE/ CYTOPLASM/ FLUORINE, pharmacodynamics/ GEL FILTRATION/ *GENES, LETHAL/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, analysis/ PEPTIDE

HYDROLASES, metabolism/ SULFONES, pharmacodynamics

474. **Beham ES, Taft LI:** Idiopathic thrombocytopenic purpura in children: results of steroid therapy and splenectomy. Aust Paediatr J 8:311-7, Dec 72
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ MALE/ *PREDNISOLONE, therapeutic use/ PURPURA, THROMBOPENIC, drug therapy/ PURPURA, THROMBOPENIC, pathology/ *PURPURA, THROMBOPENIC, therapy/ RETROSPECTIVE STUDIES/ SPLEEN, pathology/ *SPLENECTOMY

475. **Behmer OA:** Esquistossomose pulmonar. Identificação e dosagem da elastase nas plaquetas e seu papel na evolução do granuloma esquistossomótico mansônico. Rev Hosp Clin Fac Med Sao Paulo 28:212-21, Jul-Aug 73 (Por)
*BLOOD PLATELETS, enzymology/ ENGLISH ABSTRACT/ GRANULOMA, etiology/ HUMAN/ OVUM/ *PANCREATOPEPTIDASE, blood/ PULMONARY CIRCULATION/ *RESPIRATORY TRACT INFECTIONS, enzymology/ SCHISTOSOMA MANSONI/ SCHISTOSOMIASIS, complications/ *SCHISTOSOMIASIS, enzymology/ TUBERCULOMA, etiology

476. **Behrendt DM, Austen WG:** Current status of prosthetics for heart valve replacement. Prog Cardiovasc Dis 15:369-401, Jan-Feb 73
AORTIC VALVE/ AORTIC VALVE INSUFFICIENCY, surgery/ AORTIC VALVE STENOSIS, surgery/ BLOOD COAGULATION/ ENDOCARDITIS, BACTERIAL, etiology/ *HEART VALVE DISEASES, surgery/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, adverse effects/ HEART VALVE PROSTHESIS, history/ HEART VALVE PROSTHESIS, mortality/ HEMOLYSIS/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ MITRAL VALVE/ MITRAL VALVE INSUFFICIENCY, surgery/ MITRAL VALVE STENOSIS, surgery/ THROMBOEMBOLISM, etiology/ THROMBOSIS, etiology/ TRICUSPID VALVE/ TRICUSPID VALVE INSUFFICIENCY, surgery/ TRICUSPID VALVE STENOSIS, surgery/ UNITED STATES

477. **Beil RE, Hart RG:** Cowper's gland secretion in rat semen coagulation. II. Identification of the potentiating factor secreted by the coagulating glands. Biol Reprod 8:613-7, Jun 73
AMIDES/ ANIMAL EXPERIMENTS/ *BULBOURETHRAL GLANDS, secretion/ CALCIUM CHLORIDE, pharmacodynamics/ ELECTROPHORESIS, DISK/ FACTOR XIII, metabolism/ HEAT, adverse effects/ HYDROGEN-ION CONCENTRATION/ MALE/ *PROTEINS, metabolism/ RATS/ *SEMEN/ *SEMINAL VESICLES, enzymology/ SEMINAL VESICLES, immunology/ *TRANSFERASES, isolation & purification/ TRANSFERASES, metabolism

478. **Beil W, Timpl R, Furthmayr H:** Conformation dependence of antigenic determinants on the collagen molecule. Immunology 24:13-24, Jan 73
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ *ANTIGENIC DETERMINANTS/ CATTLE, immunology/ CHICKENS, immunology/ *COLLAGEN/ CYANOGEN BROMIDE/ HEMAGGLUTINATION INHIBITION TESTS/ HEMAGGLUTINATION TESTS/ PEPTIDES/ *PROTEIN CONFORMATION/ PROTEIN DENATURATION/ RABBITS, immunology/ RATS, immunology/ TRYPSIN

479. **Beintema JJ, Gruber M:** Rat pancreatic ribonuclease. II. Amino acid sequence.
Biochim Biophys Acta 310:161-73, 17 May 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ DANSYL COMPOUNDS/ DISULFIDES/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ *PANCREAS, enzymology/ PEPTIDES, analysis/ PROTEIN CONFORMATION/ RATS/ *RIBONUCLEASE, analysis/ SPECIES SPECIFICITY/ TRYPSIN

480. **Beirne GJ, Kopp WL, Zimmerman SW:** Goodpasture syndrome. Dissociation from antibodies to glomerular basement membrane.
Arch Intern Med 132:261-3, Aug 73
ADOLESCENCE/ *ANTIBODIES, analysis/ ANTIGEN-ANTIBODY COMPLEX/ BASEMENT MEMBRANE, immunology/ BETA GLOBULIN, biosynthesis/ FIBRINOGEN, biosynthesis/ FLUORESCENT ANTIBODY TECHNIC/ GLOMERULONEPHRITIS, pathology/ *GOODPASTURE'S SYNDROME, immunology/ GRAFT REJECTION/ HEMODIALYSIS/ HEMORRHAGE, radiography/ HUMAN/ IGG, biosynthesis/ IGM, biosynthesis/ KIDNEY, transplantation/ *KIDNEY GLOMERULUS, immunology/ KIDNEY GLOMERULUS, pathology/ KIDNEY TUBULES, immunology/ LUNG DISEASES, radiography/ MALE/ NEPHRECTOMY/ TRANSPLANTATION, HOMOLOGOUS

481. **Béládi I, Pusztai R, Mucsi I, et al:** Effect of human adenoviruses on the response of chickens to sheep erythrocytes. Infect Immun 7:22-8, Jan 73
*ADENOVIRUS, immunology/ ADENOVIRUS, pathogenicity/ ANIMAL EXPERIMENTS/ *ANTIBODY FORMATION/ CHICKENS/ COMPLEMENT/ *ERYTHROCYTES, immunology/ HEMAGGLUTINATION TESTS/ HEMOLYTIC PLAQUE TECHNIC/ IMMUNIZATION/ IMMUNOSUPPRESSION/ NEUTRALIZATION TESTS/ ORGAN WEIGHT/ SHEEP, immunology/ SPLEEN, immunology/ TRYPSIN/ TRYPSIN INHIBITORS

482. **Belding ME, Klebanoff SJ:** Effect of sodium polyanetholesulfonate on antimicrobial systems in blood. Appl Microbiol 24:691-8, Nov 72
ADULT/ *ANTICOAGULANTS, pharmacodynamics/ BACTERIA, growth & development/ BACTERIA, isolation & purification/ BLOOD/ *BLOOD BACTERICIDAL ACTIVITY, drug effects/ CANDIDA, growth & development/ CANDIDA, isolation & purification/ CARBON ISOTOPES/ CELL SURVIVAL/ CULTURE MEDIA/ FLUORIDES, pharmacodynamics/ FORMATES, metabolism/ GLUCOSE, metabolism/ HUMAN/ *LEUKOCYTES, drug effects/ LEUKOCYTES, metabolism/ OXIDATION-REDUCTION/ PHAGOCYTOSIS, drug effects/ SODIUM/ *SULFONIC ACIDS, pharmacodynamics

483. **Beleil OM, Lecky JW, Stanley TM, et al:** Protective value of heparin in hyperacute rejection of renal allografts in presensitized dogs.
Invest Urol 10:318-26, Jan 73
ANGIOGRAPHY/ ANIMAL EXPERIMENTS/ DEXTRAN/ DOGS/ ERYTHROCYTE AGGREGATION, INTRAVASCULAR, prevention & control/ GRAFT REJECTION/ *HEPARIN, therapeutic use/ KIDNEY, pathology/ *KIDNEY, transplantation/ LYMPHOCYTES/ TRANSPLANTATION, HOMOLOGOUS

484. **Beletskaia LV, Ter-Grigorov VS, Tsysina EN:** K funktsional'noĭ morfologii vilochkovoĭ zhelezy.
Arkh Patol 34:53-7, 1972 (Rus)
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *ANTIGENS/ ANTIGENS, BACTERIAL/ ANTIGENS, VIRAL/ ENGLISH ABSTRACT/ *IMMUNE TOLERANCE/ LYMPH NODES, immunology/ *MYOCARDIUM, immunology/ *PEPTIDE HYDROLASES/ PLASMA CELLS, immunology/ RABBITS/ RATS/ *ROUS SARCOMA VIRUS/ STREPTOCOCCUS, immunology/ *THYMUS GLAND, immunology

485. **Belikov PP:** Rol' gemokoagulirulushchikh i fibrinoliticheskikh komponentov sluiny v immunitete slizistoĭ obolochki polosti rta.
Stomatologiia (Mosk) 52:88-90, May-Jun 73 (Rus)
*BLOOD COAGULATION FACTORS/

*FIBRINOLYSIS/ HUMAN/ *MOUTH MUCOSA, immunology/ *SALIVA, immunology

486. **Belikov VM, Martinkova NS:** The inhibitory effect of nonspecific substrates on the hydrolysis of ethyl-N-acetyl-L-tyrosinate by -chymotrypsin.
Mol Biol 5:99-101, Jan-Feb 71
ACETIC ACIDS, pharmacodynamics/ BINDING SITES, drug effects/ *CHYMOTRYPSIN, pharmacodynamics/ HYDROLYSIS/ KINETICS/ LEUCINE, pharmacodynamics/ MODELS, CHEMICAL/ *TYROSINE, metabolism/ VALINE, pharmacodynamics

487. **Belitser VA, Khodorova EL, Fedorova NE:** Ustoĭchivost' ("pamiat'") strukturnykh modifikatsiĭ geleĭ fibrina.
Dokl Akad Nauk SSSR 207:724-7, 21 Nov 72 (Rus)
CHEMISTRY, PHYSICAL/ *FIBRIN/ *GELS/ TEMPERATURE

488. **Belitser VO, Varets'ka TV, Tsinkalovs'ka SM, et al:** Vydilennia ta doslidzhennia vysokmolekuliarnoho tryptycnoho frahmenta fibrynohenu--inhibitora polimeryzatsiĭ fibrynu.
Ukr Biokhim Zh 44:411-7, 1972 (Ukr)
ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ *FIBRINOGEN, analysis/ POLYMERS/ *TRYPSIN, pharmacodynamics

489. **Belitskaia GA:** Fibrynolitychna aktyvnist' sechi u zdorovykh osib. Fiziol Zh 19:254-6, Mar-Apr 73 (Ukr)
FEMALE/ FIBRIN, analysis/ *FIBRINOLYSIS/ *FIBRINOLYTIC AGENTS, urine/ HUMAN/ MALE/ SEX FACTORS

490. **Belitskaia GA:** Patogeneticheskoe znachenie koagulopatiĭ pri khronicheskom glomerulonefrite v stadii khronicheskoĭ pochechnoĭ nedostatochnosti.
Vrach Delo 12:81-5, Dec 72 (Rus)
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ GLOMERULONEPHRITIS, blood/ *GLOMERULONEPHRITIS, complications/ HUMAN/ KIDNEY FAILURE, CHRONIC, blood/ *KIDNEY FAILURE, CHRONIC, etiology/ MALE/ MIDDLE AGE

491. **Belitskaia GA:** Rol' koagulopatiĭ i patogeneze gemorragicheskogo diateza pri khronicheskoĭ pochechnoĭ nedostatochnosti.
Ter Arkh 44:93-6, Aug 72 (Rus)
ADOLESCENCE/ ADULT/ BLOOD COAGULATION DISORDERS, complications/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS/ *HEMORRHAGIC DIATHESIS, complications/ HUMAN/ *KIDNEY FAILURE, CHRONIC, etiology/ MALE/ MIDDLE AGE/ THROMBOPLASTIN, biosynthesis

492. **Belkin MB:** Operatsiia noblia pri ostroĭ spaechnoĭ kishechnoi neprokhodimosti.
Khirurgiia (Mosk) 48:79-81, Oct 72 (Rus)
ADHESIONS, complications/ *ADHESIONS, surgery/ ADULT/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INTESTINAL OBSTRUCTION, etiology/ *INTESTINAL OBSTRUCTION, surgery/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, surgery

493. **Bell CA, Zwicker H, Nevius DB:** Nonspecific warm hemolysins of papain-treated cells: serologic characterization and transfusion risk.
Transfusion 13:207-13, Jul-Aug 73
AGGLUTINATION/ ANTI-ANTIBODIES/ ANTIBODIES/ AUTOANTIBODIES/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ BLOOD TRANSFUSION, adverse effects/ BROMELAINS, pharmacodynamics/ COMPLEMENT/ COOMBS' TEST/ EDTA, pharmacodynamics/ *ERYTHROCYTES, drug effects/ ERYTHROCYTES, enzymology/ ERYTHROCYTES, immunology/ FEMALE/ GUINEA PIGS/ *HEMOLYSINS/ HEMOLYSIS/ HUMAN/ MALE/ NEURAMINIDASE, pharmacodynamics/ *PAPAIN, pharmacodynamics/ TEMPERATURE/ TIME FACTORS/ TRYPSIN, pharmacodynamics

494. **Bell EJ, Munoz JJ, Peacock M, et al:** Murine typhus toxin: studies on identification of the neutralizing factor present in normal human serum.
Infect Immun 6:232-9, Sep 72
AGGLUTINATION TESTS/ ANIMAL EXPERIMENTS/ *ANTITOXINS, isolation & purification/ CHROMATOGRAPHY/ COMPLEMENT FIXATION TESTS/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HUMAN/ HYDROXYAPATITE/ IGG, analysis/ IGM, analysis/ IMMUNE SERUMS/ LIPASE/ LIPOPROTEINS, isolation & purification/ MICE/ NEUTRALIZATION TESTS/ RABBITS, immunology/ RICKETTSIA TYPHI, immunology/ TRYPSIN/ *TYPHUS, MURINE, immunology/ ULTRACENTRIFUGATION

495. **Bell GA, McKenzie AD, Emmons H:** Diffuse cavernous hemangioma of the rectum: report of a case and review of the literature.
Dis Colon Rectum 15:377-82, Sep-Oct 72
ADULT/ CONSTIPATION, diagnosis/ FEMALE/ *HEMANGIOMA, CAVERNOUS/ HEMANGIOMA, CAVERNOUS, diagnosis/ HEMANGIOMA, CAVERNOUS, pathology/ HEMANGIOMA, CAVERNOUS, radiography/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ INTESTINAL MUCOSA, pathology/ MELENA, diagnosis/ *RECTAL NEOPLASMS/ RECTAL NEOPLASMS, diagnosis/ RECTAL NEOPLASMS, pathology/ RECTAL NEOPLASMS, radiography/ RECTAL NEOPLASMS, surgery/ RECTUM, pathology

496. **Bell GD, Whitney B, Dowling RH:** Gallstone dissolution in man using chenodeoxycholic acid.
Lancet 2:1213-6, 9 Dec 72
ADULT/ AGED/ ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ *BILE ACIDS AND SALTS, therapeutic use/ CHENODEOXYCHOLIC ACID, adverse effects/ CHENODEOXYCHOLIC ACID, therapeutic use/ CHOLECYSTOGRAPHY/ *CHOLELITHIASIS, drug therapy/ CHOLELITHIASIS, metabolism/ CHOLESTEROL, blood/ CHOLESTEROL, metabolism/ EVALUATION STUDIES/ FEMALE/ HUMAN/ ISOCITRATE DEHYDROGENASE, blood/ LACTATE DEHYDROGENASE, blood/ LIVER FUNCTION TESTS/ MALE/ MIDDLE AGE/ NUCLEOTIDASES, blood/ PEPTIDE HYDROLASES, blood/ PHOSPHOLIPIDS, metabolism/ TRIGLYCERIDES, blood

497. **Bell RG, Caldwell PT:** Mechanism of warfarin resistance. Warfarin and the metabolism of vitamin K 1 . Biochemistry 12:1759-62, 24 Apr 73
ANIMAL EXPERIMENTS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG RESISTANCE/ FEMALE/ LIVER, enzymology/ LIVER, metabolism/ MALE/ MUTATION/ OXIDES, administration & dosage/ OXIDES, metabolism/ OXIDES, pharmacodynamics/ PHYTONADIONE, antagonists & inhibitors/ *PHYTONADIONE, metabolism/ PHYTONADIONE, pharmacodynamics/ PROTHROMBIN, biosynthesis/ PROTHROMBIN, blood/ PROTHROMBIN TIME/ RATS/ RATS, INBRED STRAINS/ SEX FACTORS/ SODIUM, pharmacodynamics/ SPECIES SPECIFICITY/ TRITIUM/ *WARFARIN, pharmacodynamics

498. **Bell RH:** The non-surgical treatment of benign vascular lesions of soft tissue.
Trans Congr Int Assoc Oral Surg 4:53-4, 1973
HEMANGIOMA, drug therapy/ MOUTH NEOPLASMS, drug therapy/ SCLEROSING SOLUTIONS, therapeutic use/ SPECIAL LIST DENTAL

499. **Bell WR, Miller RE, Levin J:** Inhibition of the generalized Shwartzman reaction by hypofibrinogenemia. Blood 40:697-708, Nov 72
*AFIBRINOGENEMIA/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ ENDOTOXINS,

pharmacodynamics/ ESCHERICHIA COLI, immunology/ FIBRINOGEN, analysis/ GUINEA PIGS, immunology/ HEMAGGLUTINATION INHIBITION TESTS/ IMMUNE SERUMS/ KIDNEY, immunology/ POLYSACCHARIDES, BACTERIAL, pharmacodynamics/ RABBITS/ *SHWARTZMAN PHENOMENON/ SNAKES/ THORIUM DIOXIDE, pharmacodynamics/ TIME FACTORS/ VENOMS, pharmacodynamics

500. **Bell WR, Wentz AC:** Abortion and coagulation by prostaglandin. Intra-amniotic dinoprost tromethamine effect on the coagulation and fibrinolytic systems. JAMA 225:1082-4, 27 Aug 73
*ABORTION, INDUCED/ ADOLESCENCE/ ADULT/ AMNIOTIC FLUID/ *BLOOD COAGULATION, drug effects/ CATHETERIZATION/ COMPARATIVE STUDY/ FEMALE/ FIBRIN, metabolism/ FIBRINOGEN, metabolism/ *FIBRINOLYSIS, drug effects/ HEMATOCRIT/ HUMAN/ LEUKOCYTE COUNT/ METHODS/ NEEDLES/ PREGNANCY/ PROSTAGLANDINS, administration & dosage/ *PROSTAGLANDINS, pharmacodynamics/ PROTHROMBIN TIME/ SODIUM CHLORIDE, administration & dosage/ SODIUM CHLORIDE, pharmacodynamics/ TIME FACTORS/ TROMETHAMINE, administration & dosage/ *TROMETHAMINE, pharmacodynamics

501. **Beller FK, Douglas GW:** Thrombocytopenia indicating gram-negative infection and endotoxemia.
Obstet Gynecol 41:521-4, Apr 73
*ABORTION, complications/ *ABORTION, SEPTIC, complications/ *BACTERIAL INFECTIONS, complications/ BLOOD CELL COUNT/ BLOOD PLATELETS/ ENDOTOXINS, blood/ FEMALE/ FEVER/ FIBRINOGEN/ GESTATIONAL AGE/ GRAM NEGATIVE BACTERIA/ HUMAN/ PREGNANCY/ SEPTICEMIA/ *SHOCK, ENDOTOXIC, complications/ *THROMBOPENIA, complications/ TIME FACTORS

502. **Beller FK, Kolker M, Douglas GW:** Lack of coagulation defect after terminating second-trimester pregnancy by the catheter technique.
Am J Obstet Gynecol 115:822-6, 15 Mar 73
*ABORTION, INDUCED/ ANTITHROMBIN, analysis/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *CATHETERIZATION/ FACTOR V, analysis/ FEMALE/ FIBRIN, analysis/ FIBRINOGEN, analysis/ HEMOGLOBIN/ HUMAN/ METHODS/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, blood/ *THROMBOPENIA, blood/ TIME FACTORS

503. **Beller FK, Schoendorf T:** Augmentation of endotoxin-induced fibrin deposits by pregnancy and estrogen-progesterone treatment.
Gynecol Invest 3:176-83, 1972
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, drug effects/ DEPRESSION, CHEMICAL/ DIETHYLSTILBESTROL, administration & dosage/ *DIETHYLSTILBESTROL, pharmacodynamics/ DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENDOTOXINS, administration & dosage/ *ENDOTOXINS, pharmacodynamics/ FEMALE/ *FIBRIN, metabolism/ HEMATOCRIT/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, INTRAVENOUS/ KIDNEY GLOMERULUS, drug effects/ PREGNANCY/ *PREGNANCY, ANIMAL, drug effects/ PROGESTERONE, administration & dosage/ *PROGESTERONE, pharmacodynamics/ PSEUDOPREGNANCY/ RATS/ SHWARTZMAN PHENOMENON, chemically induced

504. **Belleville J:** Physiologie de la coagulation et de la fibrinolyse. Lyon Med 19:Suppl:103-12, Apr 72 **(Fre)**
*BLOOD COAGULATION/ BLOOD COAGULATION FACTORS, classification/ BLOOD COAGULATION FACTORS, physiology/ FIBRINOLYSIN, physiology/ *FIBRINOLYSIS/ HUMAN/ PLASMINOGEN, physiology

505. **Belleville J:** Effets de la thyroïdectomie sur les activités phospholipasique A2, lipasique, cholestérolestérasique et trypsique du suc pancréatique et du pancréas de rat.
C R Acad Sci [D] (Paris) 277:81-4, 2 Jul 73 **(Fre)**
ANIMAL EXPERIMENTS/ ESTERASES, analysis/ LIPASE, analysis/ MALE/ PANCREAS, analysis/ *PANCREAS, enzymology/ PANCREATIC JUICE, analysis/ *PANCREATIC JUICE, enzymology/ PHOSPHOLIPASE, analysis/ RATS/ *THYROIDECTOMY/ TRYPSIN, analysis

506. **Bellhouse BJ, Bellhouse FH, Curl CM, et al:** A high efficiency membrane oxygenator and pulsatile pumping system, and its application to animal trials.
Trans Am Soc Artif Intern Organs 19:72-9, 1973
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *ASSISTED CIRCULATION/ ASSISTED CIRCULATION, instrumentation/ BLOOD CELL COUNT/ BLOOD PRESSURE/ BLOOD SUGAR, analysis/ BLOOD VOLUME/ CARBON DIOXIDE, blood/ CENTRAL VENOUS PRESSURE/ *HEART, MECHANICAL/ HEART RATE/ HEMATOCRIT/ HEMOGLOBIN, analysis/ HEPARIN, administration & dosage/ HYDROGEN-ION CONCENTRATION/ JUGULAR VEIN/ *MEMBRANES, ARTIFICIAL/ OXYGEN, blood/ OXYGENATORS, MEMBRANE/ PLATELET ADHESIVENESS/ SHEEP/ SWINE/ TIME FACTORS/ VENA CAVA, SUPERIOR

507. **Bellinger CG:** Adding a given concentration of epinephrine to a solution by needle drops.
Plast Reconstr Surg 50:530-1, Nov 72
*EPINEPHRINE/ *HEMOSTASIS/ NEEDLES/ SODIUM CHLORIDE/ *SOLUTIONS/ WATER

508. **Bellinger SB:** Penetrating chest injuries in children.
Ann Thorac Surg 14:635-44, Dec 72
ABDOMINAL INJURIES, complications/ ADOLESCENCE/ CATHETERIZATION/ CHILD/ CHILD, PRESCHOOL/ DEBRIDEMENT/ FEMALE/ HEAD INJURIES, complications/ HEMATOMA, etiology/ HEMOPNEUMOTHORAX, etiology/ HUMAN/ LUNG DISEASES, etiology/ LUNG DISEASES, prevention & control/ LUNG DISEASES, therapy/ MALE/ RESUSCITATION/ *THORACIC INJURIES/ THORACIC INJURIES, complications/ THORACIC INJURIES, radiography/ THORACIC INJURIES, surgery/ THORACIC INJURIES, therapy/ VIETNAM/ WAR/ WOUNDS, GUNSHOT

509. **Belliveau RR, Grayson JW Jr, Butler TJ, et al:** Linkage of biochemical determinants of pathogenicity in staphylococcal isolates.
Rocky Mt Med J 70:32-5, Mar 73
*COAGULASE, analysis/ *DEOXYRIBONUCLEASE, analysis/ HEMOLYSIS/ *MANNITOL DEHYDROGENASE, analysis/ STAPHYLOCOCCAL INFECTIONS, diagnosis/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, isolation & purification/ *STAPHYLOCOCCUS, pathogenicity

510. **Bellmann H, Kothe W, Fleischmann H, et al:** Beitrag zur Therapie des Morbus Bechterew mit hochdosierter intravenös verabreichter Hylase "Dessau".
Dtsch Gesundheitsw 27:2391-5, 14 Dec 72 **(Ger)**
ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PEPTIDE HYDROLASES, therapeutic use/ *SPONDYLITIS, ANKYLOSING, drug therapy

511. **Bellossi A, Fauran F:** Effet d'un champ magnétique uniforme sur le sérum et le plasma. Etude spectrophotométrique.
C R Soc Biol (Paris) 166:980-3, 1972 **(Fre)**
ABSORPTION/ BLOOD CHEMICAL ANALYSIS/ BLOOD COAGULATION/ HUMAN/ *MAGNETICS/ MALE/ MOLECULAR CONFORMATION/ NEGROID RACE/ *PLASMA/ SPECTROPHOTOMETRY/ TEMPERATURE/ TRYPTOPHAN, blood/ TYROSINE, blood/ ULTRAVIOLET RAYS

512. **Belocopitow E, Maréchal LR:** A specific method for the quantitative determination of -glucose-1-phosphate. Anal Biochem 53:108-14, May 73
ANIMAL EXPERIMENTS/ ARSENIC/ BOROHYDRIDES/ ENZYME ACTIVATION/ *EUGLENA GRACILIS, enzymology/ *GLUCOSEPHOSPHATES, analysis/ HYDROGEN-ION CONCENTRATION/ KINETICS/ METHODS/ *PHOSPHOGLUCOMUTASE/ PHOSPHOGLUCOMUTASE, antagonists & inhibitors/ PHOSPHOGLUCOMUTASE, isolation & purification/ PRECIPITATION/ PROTAMINES/ STEREOISOMERS/ SULFURIC ACIDS

513. **Belousov AC, Sharova YuA, Yumashkina AG:** O gipokoaguliashehionnom vliianii kislogo zheludochnogo soderzhimogo.
Ter Arkh 44:20-2, Oct 72 **(Rus)**
ADULT/ *BLOOD COAGULATION/ DUODENAL ULCER, complications/ FEMALE/ FIBRINOLYSIS/ *GASTRIC JUICE, analysis/ HUMAN/ MALE/ MIDDLE AGE/ PEPTIC ULCER HEMORRHAGE, etiology/ STOMACH ULCER, complications

514. **Belousov IuB, Liusov VA, Zakharchenko VH, et al:** Viazkost' krovi pri grudnoi zhabe i ostrom infarkte miokarda.
Kardiologiia 13:5-10, Mar 73 **(Rus)**
ACUTE DISEASE/ ADULT/ AGED/ *ANGINA PECTORIS, blood/ ARRHYTHMIA, complications/ ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, complications/ ARTERIOSCLEROSIS OBLITERANS, complications/ *BLOOD VISCOSITY/ *CORONARY DISEASE, blood/ CORONARY DISEASE, complications/ ENGLISH ABSTRACT/ HUMAN/ HYPERTENSION, complications/ MIDDLE AGE/ *MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, complications

515. **Belousova II, El'gart RE, Tereshin IM:** Snizhenie rezistentnosti k tetratsiklinu u E. coli pod deĭstviem protamina in vitro.
Antibiotiki 18:68-71, Jan 73 **(Rus)**
*DRUG RESISTANCE, MICROBIAL/ ENGLISH ABSTRACT/ *ESCHERICHIA COLI, drug effects/ *PROTAMINES, pharmacodynamics/ *TETRACYCLINE, pharmacodynamics

516. **Belov S:** Congenital agenesia of the deep veins of the lower extremities: surgical treatment.
J Cardiovasc Surg (Torino) 13:594-8, Nov-Dec 72
ADOLESCENCE/ *ANGIOMATOSIS, complications/ ANGIOMATOSIS, radiography/ ARTERIOVENOUS MALFORMATIONS, complications/ ARTERIOVENOUS MALFORMATIONS, surgery/ CASE REPORT/ COLLATERAL CIRCULATION/ *FEMORAL VEIN, abnormalities/ FEMORAL VEIN, radiography/ HUMAN/ LEG LENGTH INEQUALITY, etiology/ MALE/ *SAPHENOUS VEIN, abnormalities

517. **Belova ZS, Lesnikova AV, Khokhlova IuM, et al:** Neitral'naia proteaza iz termofil'noi bakterii Bacillus brevis 224.
Izv Akad Nauk SSSR [Biol] 3:416-9, May-Jun 73 **(Rus)**
*BACILLUS, enzymology/ CHROMATOGRAPHY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ *PEPTIDE HYDROLASES, isolation & purification

518. **Ben-Ari J, Berlyne GM:** Excessive ultrafiltration due to intracoil fibrin deposition as a complication of coil reuse. Nephron 9:189-91, 1973
ADULT/ *FIBRIN/ *HEMODIALYSIS, adverse effects/ HUMAN/ *KIDNEY, ARTIFICIAL, standards/ *KIDNEY FAILURE, CHRONIC, therapy/ MALE/ METHODS/ *MUSCLE CRAMP, etiology/ *ULTRAFILTRATION

519. **Benaim R, Seban C, Chiche P, et al:** Trente cas d'embolie pulmonaire aiguë traités par la streptokinase. Nouv Presse Med 2:581, 3 Mar 73 **(Fre)**
ACUTE DISEASE/ HUMAN/ INFUSIONS, PARENTERAL/ *PULMONARY EMBOLISM, drug therapy/ *STREPTOKINASE, administration & dosage/ STREPTOKINASE, adverse effects

520. **Benatar SR, Ferguson AD, Goldschmidt RB:** Fat embolism--some clinical observations and a review of controversial aspects. Q J Med 41:85-98, Jan 72
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ ADRENERGIC ALPHA RECEPTOR BLOCKADERS, therapeutic use/ ADULT/ AGED/ ALCOHOL, ETHYL, therapeutic use/ ANOXEMIA, etiology/ BRAIN DISEASES, etiology/ CLOFIBRATE, therapeutic use/ DEXTRAN, therapeutic use/ *EMBOLISM, FAT/ EMBOLISM, FAT, complications/ EMBOLISM, FAT, drug therapy/ EMBOLISM, FAT, etiology/ EMBOLISM, FAT, physiopathology/ FEMALE/ FEMORAL FRACTURES, complications/ FRACTURE FIXATION, INTERNAL/ HEPARIN, therapeutic use/ HUMAN/ LUNG, physiopathology/ MALE/ OXYGEN, blood

521. **Benatre A, Laugier J, Fetissov M:** Maladie des membranes hyalines. Etude en immuno-fluorescence du tissu pulmonaire. Note préliminaire.
Nouv Presse Med 2:497-8, 24 Feb 73 **(Fre)**
ANTIBODIES, analysis/ COMPLEMENT, analysis/ FIBRINOGEN/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ *HYALINE MEMBRANE DISEASE, immunology/ IGG, analysis/ IMMUNE SERUMS/ INFANT, NEWBORN/ *LUNG, immunology/ MATERNAL-FETAL EXCHANGE

522. **Bender ML, Phillip M:** Subtilisin catalysis of nonspecific anilide hydrolyses.
J Am Chem Soc 95:1665-6, 7 Mar 73
ACETANILIDE/ *PEPTIDE PEPTIDOHYDROLASES/ SUBTILISINS

523. **Bendis IK, Shapiro L:** Deoxyribonucleic acid-dependent ribonucleic acid polymerase of Caulobacter crescentus. J Bacteriol 115:848-57, Sep 73
AMMONIUM SULFATE/ CARBON ISOTOPES/ CELL-FREE SYSTEM/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ DNA, BACTERIAL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GRAM NEGATIVE BACTERIA, cytology/ *GRAM NEGATIVE BACTERIA, enzymology/ GRAM NEGATIVE BACTERIA, growth & development/ MOLECULAR WEIGHT/ PRECIPITATION/ PROTAMINES/ RIBONUCLEOTIDES, metabolism/ RNA, BACTERIAL, biosynthesis/ *RNA POLYMERASE/ RNA POLYMERASE, analysis/ RNA POLYMERASE, isolation & purification/ RNA POLYMERASE, metabolism/ SPECIES SPECIFICITY/ TEMPLATES/ TIME FACTORS

524. **Bengmark S, Hafström L, Korsan-Bengtsen K:** Effects of intraportal infusion of autologous hemolysate on blood coagulation factors and fibrinolysis in the cat.
Am J Surg 124:647-54, Nov 72
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION, drug effects/ *BLOOD COAGULATION FACTORS/ *BLOOD TRANSFUSION/ CATS/ *FIBRINOLYSIS, drug effects/ PORTAL VEIN

525. **Bengmark S, Hafström L:** Changes in serum potassium and lactic acid during and after asanguinous liver cooling. A study on pigs.
Acta Chir Scand 139:321-5, 1973
ANIMAL EXPERIMENTS/ BICARBONATES/ BLOOD/ BLOOD PRESSURE/ *CARBON DIOXIDE, blood/ CHLORIDES/ HEMATOCRIT/ HEPARIN/ HYDROGEN-ION CONCENTRATION/ *HYPOTHERMIA, INDUCED/ ISCHEMIA/ *LACTATES, blood/ *LIVER, metabolism/ LIVER CIRCULATION/ PERFUSION/ *POTASSIUM, blood/ PROCAINE/ *PYRUVATES, blood/ SODIUM/ SWINE/ TEMPERATURE

526. **Beniashvili DSh:** Spontannye opukholi u obez'ian. Vopr Onkol 18:86-9, 1972 **(Rus)**
ANIMAL EXPERIMENTS/ FEMALE/ FIBROMA, veterinary/ HEMANGIOMA, veterinary/ HEMANGIOMA, CAVERNOUS, veterinary/ INTESTINAL NEOPLASMS, veterinary/ INTESTINE, SMALL/ KNEE JOINT/ MALE/ *MONKEY DISEASES/ MONKEYS/ *NEOPLASMS, veterinary/ PAPILLOMA, veterinary/ SKIN NEOPLASMS, veterinary/ SYNOVIOMA, veterinary

527. **Benirschke K, Kim CK:** Multiple pregnancy. 1. N Engl J Med 288:1276-84, 14 Jun 73 (105 ref.)
ANIMAL EXPERIMENTS/ BIRTH WEIGHT/ CLOMIPHENE, pharmacodynamics/ DISEASES IN TWINS/ DISSEMINATED INTRAVASCULAR COAGULATION/ FEMALE/ FETAL DISEASES/ FETOFETAL TRANSFUSION/ FETUS, growth & development/ GENOTYPE/ GONADOTROPINS, secretion/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ HEART DEFECTS, CONGENITAL/ HEMOGLOBIN, analysis/ HUMAN/ INFANT MORTALITY/ INFANT, NEWBORN/ INTELLIGENCE/ MATERNAL AGE/ MONSTERS/ OVULATION, drug effects/ OVUM/ PLACENTA, anatomy & histology/ PLACENTA, blood supply/ PREGNANCY/ *PREGNANCY, MULTIPLE/ REVIEW/ SEASONS/ TWINS

528. **Benis AM, Chien S, Usami S, et al:** Inertial pressure losses in perfused hindlimb: a reinterpretation of the results of Whittaker and Winton. J Appl Physiol 34:383-9, Mar 73
ANIMAL EXPERIMENTS/ BLOOD FLOW VELOCITY/ *BLOOD PRESSURE/ *BLOOD VISCOSITY/ DOGS/ HEMATOCRIT/ *HINDLIMB, blood supply/ MODELS, BIOLOGICAL/ PERFUSION/ PLASMA SUBSTITUTES, pharmacodynamics/ VASCULAR RESISTANCE

529. **Benjamin HZ, Nagler W:** Peripheral nerve damage resulting from local hemorrhage and ischemia. Arch Phys Med Rehabil 54:263-70, Jun 73
ADULT/ AGED/ ANTERIOR COMPARTMENT SYNDROME, etiology/ ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, therapeutic use/ ARTERIAL OCCLUSIVE DISEASES, complications/ DIAGNOSIS, DIFFERENTIAL/ ELECTRODIAGNOSIS/ ELECTROMYOGRAPHY/ FEMALE/ HEMATOMA, complications/ HEMATOMA, drug therapy/ *HEMORRHAGE, complications/ HUMAN/ INFLAMMATION, diagnosis/ *ISCHEMIA, complications/ MALE/ MIDDLE AGE/ NEURAL CONDUCTION/ NEUROLOGIC EXAMINATION/ PERIPHERAL NERVE DISEASES, diagnosis/ *PERIPHERAL NERVE DISEASES, etiology/ PERIPHERAL NERVE DISEASES, surgery/ PROGNOSIS/ TIME FACTORS

530. **Bennett AE, Ingram GI, Inglish PJ:** Antifibrinolytic treatment in haemophilia: a controlled trial of prophylaxis with tranexamic acid. Br J Haematol 24:83-8, Jan 73
*ANTIFIBRINOLYTIC AGENTS, therapeutic use/ CLINICAL RESEARCH/ *CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ HEMARTHROSIS, prevention & control/ *HEMOPHILIA, drug therapy/ HUMAN

531. **Bennett B:** Application of immunological techniques to the study of classic haemophilia and von Willebrand's disease. Br J Haematol 25:273-4, Aug 73
*FACTOR VIII, analysis/ *HEMOPHILIA, blood/ HEMOPHILIA, immunology/ HUMAN/ IMMUNOLOGIC TECHNICS/ RABBITS, immunology/ *VON WILLEBRAND'S DISEASE, blood/ VON WILLEBRAND'S DISEASE, immunology

532. **Bennett B, Forman WB, Ratnoff OD:** Studies on the nature of antihemophilic factor (factor VIII). Further evidence relating the AHF-like antigens in normal and hemophilic plasmas. J Clin Invest 52:2191-7, Sep 73
*ANTIGENS/ ANTIGENS, isolation & purification/ BLOOD COAGULATION/ CENTRIFUGATION, DENSITY GRADIENT/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FACTOR VIII/ FACTOR VIII, isolation & purification/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HEMOPHILIA, blood/ *HEMOPHILIA, immunology/ HUMAN/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ MOLECULAR WEIGHT/ RABBITS, immunology/ SODIUM DODECYL SULFATE/ ULTRACENTRIFUGATION/ VON WILLEBRAND'S DISEASE, blood/ VON WILLEBRAND'S DISEASE, immunology

533. **Bennett B, Grove GE:** Antigen-biological-activity ratio for factor VIII. Lancet 1:777-8, 7 Apr 73
*ANTIGENS, analysis/ *BLOOD COAGULATION/ *FACTOR VIII, analysis/ HUMAN/ IMMUNOASSAY/ PLASMA

534. **Bennett B, Ogston D, Crawford GP, et al:** The fibrinolytic enzyme system in hypertension. J Clin Pathol 26:351-3, May 73
ADULT/ AGED/ ANTIGENS/ *FIBRINOGEN, metabolism/ FIBRINOLYSIS/ HUMAN/ *HYPERTENSION, enzymology/ HYPERTENSION, etiology/ HYPERTENSION, RENAL, enzymology/ KIDNEY DISEASES, enzymology/ *MACROGLOBULINS, metabolism/ MIDDLE AGE/ *PLASMINOGEN, metabolism/ *TRYPSIN INHIBITORS, metabolism

535. **Bennett B, Ratnoff OD:** Detection of carriers of classic haemophilia. Scott Med J 18:63, Mar 73
BLOOD COAGULATION/ CLOT RETRACTION/ FACTOR VIII, analysis/ FEMALE/ HEMOPHILIA, blood/ *HEMOPHILIA, familial & genetic/ HEMOPHILIA, immunology/ HUMAN/ IMMUNOELECTROPHORESIS/ PREGNANCY

536. **Bennett B, Ratnoff OD:** Detection of the carrier state for classic hemophilia. N Engl J Med 288:342-5, 15 Feb 73
ADULT/ BLOOD COAGULATION TESTS/ FACTOR VIII, analysis/ FEMALE/ GENETIC COUNSELING/ HEMOPHILIA, diagnosis/ *HEMOPHILIA, familial & genetic/ HUMAN/ IMMUNOELECTROPHORESIS/ MALE/ MUTATION/ PEDIGREE/ SEX CHROMOSOMES

537. **Bennett B, Ratnoff WD:** Immunologic relationships of antihemophilic factor of different species detected by specific human and rabbit antibodies. Proc Soc Exp Biol Med 143:701-6, Jul 73
AGED/ *ANTIBODIES/ ANTIBODY SPECIFICITY/ BIRDS, immunology/ CATTLE, immunology/ DOGS, immunology/ *FACTOR VIII/ FEMALE/ GEL DIFFUSION TESTS/ GUINEA PIGS, immunology/ HORSES, immunology/ HUMAN/ IMMUNE SERUMS/ MALE/ MONKEYS, immunology/ RABBITS, immunology/ REPTILES, immunology/ SHEEP, immunology/ SPECIES SPECIFICITY/ SWINE, immunology/ TIME FACTORS

538. **Bennett E:** Abnormality of separate subunits of factor VIII? Lancet 808:885-6, 21 Apr 73
ANTIGEN-ANTIBODY REACTIONS/ *ANTIGENS/ *FACTOR VIII/ *HEMOPHILIA, immunology/ HUMAN/ IMMUNE SERUMS/ IMMUNOGENETICS/ RABBITS, immunology/ SEX CHROMOSOMES/ *VON WILLEBRAND'S DISEASE, immunology

539. **Bennett E:** Abnormality of separate subunits of factor VIII? Lancet 1:885-6, 21 Apr 73
ANTIGEN-ANTIBODY REACTIONS/ *ANTIGENS/ *FACTOR VIII/ *HEMOPHILIA, immunology/ HUMAN/ IMMUNE SERUMS/ IMMUNOGENETICS/ RABBITS, immunology/ SEX CHROMOSOMES/ *VON WILLEBRAND'S DISEASE, immunology

540. **Bennett HP, Elliott DF, Evans BE, et al:** Complete amino acid analysis of peptides and proteins after hydrolysis by a mixture of sepharose-bound

peptidases. Biochem J 129:695-701, Sep 72
*AMINO ACIDS, analysis/ AMINOPEPTIDASES/ ANGIOTENSIN, analysis/ BRADYKININ, analysis/ CHYMOTRYPSIN/ CORTICOTROPIN, analysis/ DIPEPTIDASES/ HYDROLYSIS/ MURAMIDASE, analysis/ *PEPTIDE HYDROLASES/ *PEPTIDES, analysis/ *POLYSACCHARIDES/ PROTEIN BINDING/ *PROTEINS, analysis/ RIBONUCLEASE, analysis/ TRYPSIN

541. **Bennett HP, Lowry PJ, McMartin C:** Confirmation of the 1-20 amino acid sequence of human adrenocorticotrophin. Biochem J 133:11-3, May 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AMINOPEPTIDASES/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN LAYER/ *CORTICOTROPIN, analysis/ COUNTERCURRENT DISTRIBUTION/ HUMAN/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPSIN

542. **Bennett JA, Bullimore JA:** The use of ketamine hydrochloride anaesthesia for radiotherapy in young children. Br J Anaesth 45:197-201, Feb 73
*ANESTHESIA, GENERAL/ CHILD, PRESCHOOL/ FEMALE/ HEMANGIOMA, radiotherapy/ HUMAN/ IMMOBILIZATION/ INFANT/ INJECTIONS, INTRAMUSCULAR/ *KETAMINE/ LEUKEMIA, LYMPHOBLASTIC, radiotherapy/ MALE/ METHODS/ NEPHROBLASTOMA, radiotherapy/ NEUROBLASTOMA, radiotherapy/ *RADIOTHERAPY

543. **Bennett NM, Bennett D, Holland NH, et al:** Serum fibrin degradation products in the diagnosis of transplantation rejection.
Transplantation 14:311-6, Sep 72
BLOOD UREA NITROGEN/ CADAVER/ *CREATININE, blood/ *FIBRIN, metabolism/ *GRAFT REJECTION/ HUMAN/ *KIDNEY, transplantation/ METHODS/ TISSUE DONORS/ TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION IMMUNOLOGY

544. **Bennett RM, Eddie-Quartey AC, Holt PJ:** Fibrin degradation products in rheumatoid arthritis.
Ann Rheum Dis 31:388-92, Sep 72
ARTHRITIS, RHEUMATOID, blood/ *ARTHRITIS, RHEUMATOID, metabolism/ BLOOD SEDIMENTATION/ EXUDATES AND TRANSUDATES, metabolism/ *FIBRIN, metabolism/ GANGRENE, metabolism/ HUMAN/ OSTEOARTHRITIS, metabolism/ PERIARTERITIS NODOSA, metabolism/ SYNOVIAL FLUID, metabolism/ VASCULAR DISEASES, metabolism/ WOUNDS AND INJURIES, metabolism

545. **Bennett SH, Geelhoed GW, Gralnick HR, et al:** Effects of autotransfusion on blood elements.
Am J Surg 125:273-9, Mar 73
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ *BLOOD CELLS/ *BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ *BLOOD TRANSFUSION, AUTOLOGOUS/ DOGS/ ERYTHROCYTE COUNT/ FIBRINOGEN/ FILTRATION/ HEMATOCRIT/ *HEMOGLOBIN/ HEMOGLOBINOMETRY/ LEUKOCYTE COUNT/ *LIPIDS, blood/ PROTHROMBIN TIME/ THROMBIN/ THROMBOPLASTIN

546. **Bennett SH, Geelhoed GW, Aaron RK, et al:** Pulmonary injury resulting from perfusion with stored bank blood in the baboon and dog.
J Surg Res 13:295-306, Dec 72
ANIMAL EXPERIMENTS/ BABOONS/ BLOOD BANKS/ BLOOD CELL COUNT/ *BLOOD PRESERVATION/ BLOOD PROTEINS/ *BLOOD TRANSFUSION, AUTOLOGOUS, adverse effects/ DISEASE MODELS, ANIMAL/ DOGS/ HEMATOCRIT/ HEMORRHAGE, etiology/ HEMORRHAGE, pathology/ LUNG, pathology/ *LUNG DISEASES, etiology/ LUNG DISEASES, pathology/ MASS SPECTRUM ANALYSIS/ MEMBRANES, ARTIFICIAL/ OXYGEN, blood/ PERFUSION/ PULMONARY EDEMA, etiology/ PULMONARY EDEMA, pathology/ RESPIRATORY FUNCTION TESTS/ *RESPIRATORY INSUFFICIENCY, etiology/ RESPIRATORY INSUFFICIENCY, pathology/ SERUM ALBUMIN/ VASCULAR RESISTANCE

547. **Bennett SH, Geelhoed GW, Terrill RE, et al:** Pulmonary effects of autotransfused blood. A comparison of fresh autologous and stored blood with blood retrieved from the pleural cavity in an in situ lung perfusion model. Am J Surg 125:696-702, Jun 73
ANIMAL EXPERIMENTS/ *BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ BLOOD TRANSFUSION, adverse effects/ *BLOOD TRANSFUSION, AUTOLOGOUS/ BRONCHI/ COMPARATIVE STUDY/ DOGS/ FILTRATION/ HEMORRHAGE, etiology/ *LUNG/ LUNG, pathology/ OXYGEN, blood/ *PERFUSION/ PLEURA/ PLEURAL EFFUSION, etiology/ PRESSURE/ PULMONARY ALVEOLI/ PULMONARY ARTERY/ *PULMONARY CIRCULATION/ PULMONARY EDEMA, etiology/ VASCULAR RESISTANCE

548. **Bennett WM, Singer I, Coggins CH:** Guide to drug usage in adult patients with impaired renal function. A supplement. JAMA 223:991-7, 26 Feb 73 (131 ref.)
ANALGESICS AND ANTIPYRETICS, administration & dosage/ ANALGESICS AND ANTIPYRETICS, adverse effects/ ANALGESICS AND ANTIPYRETICS, therapeutic use/ ANTICOAGULANTS, administration & dosage/ ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, therapeutic use/ ANTIHYPERTENSIVE AGENTS, administration & dosage/ ANTIHYPERTENSIVE AGENTS, adverse effects/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ ANTI-INFECTIVE AGENTS, administration & dosage/ ANTI-INFECTIVE AGENTS, adverse effects/ ANTI-INFECTIVE AGENTS, therapeutic use/ ANTINEOPLASTIC AGENTS, therapeutic use/ DIURETICS, administration & dosage/ DIURETICS, adverse effects/ DIURETICS, therapeutic use/ *DRUG THERAPY, adverse effects/ *DRUGS, metabolism/ HUMAN/ HYPNOTICS AND SEDATIVES, administration & dosage/ HYPNOTICS AND SEDATIVES, adverse effects/ HYPNOTICS AND SEDATIVES, therapeutic use/ *KIDNEY FAILURE, CHRONIC/ MYOCARDIAL DEPRESSANTS, administration & dosage/ MYOCARDIAL DEPRESSANTS, adverse effects/ MYOCARDIAL DEPRESSANTS, therapeutic use/ REVIEW/ TRANQUILIZING AGENTS, administration & dosage/ TRANQUILIZING AGENTS, adverse effects/ TRANQUILIZING AGENTS, therapeutic use

549. **Beňo I, Kopec Z, Ovečka M:** Aktivita enzýmov slinivky brušnej po resekcii žalúdka.
Vnitr Lek 18:939-43, Oct 72 (Cze)
AMYLASE, metabolism/ BICARBONATES, metabolism/ ENGLISH ABSTRACT/ *GASTRECTOMY/ HUMAN/ LIPASE, metabolism/ MIDDLE AGE/ *PANCREAS, enzymology/ PANCREATIC JUICE, analysis/ PEPTIDE HYDROLASES, metabolism/ POSTOPERATIVE COMPLICATIONS/ STOMACH DISEASES, surgery

550. **Bensadoun A, Rothfeld A:** The form of absorption of lipids in the chicken, Gallus domesticus.
Proc Soc Exp Biol Med 141:814-7, Dec 72
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *CHICKENS, metabolism/ DUODENUM, metabolism/ FATTY ACIDS, NONESTERIFIED, blood/ HEPATECTOMY/ INTESTINAL ABSORPTION/ LIGATION/ *LIPIDS, metabolism/ LIPOPROTEIN LIPASE, antagonists & inhibitors/ LIPOPROTEINS, blood/ LIPOPROTEINS, VLDL, blood/ LIVER, metabolism/ MALE/ OLEIC ACID, metabolism/ PORTAL VEIN/ SURFACE-ACTIVE AGENTS, pharmacodynamics/ TRIGLYCERIDES, blood

551. **Bensaude I, Philippart M, Hildebrand J:** Alpha-galactosidic configuration in ceramide

trihexoside synthesized by rat spleen homogenate.
Biochem Med 6:522-5, Dec 72
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *CEREBROSIDES, biosynthesis/ CHEMISTRY/ COFFEE, enzymology/ GALACTOSE, metabolism/ GALACTOSIDASE, antagonists & inhibitors/ GALACTOSIDASE, isolation & purification/ GALACTOSIDASE, metabolism/ HEAT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MICROSOMES, enzymology/ MOLECULAR CONFORMATION/ PEPTIDE PEPTIDOHYDROLASES, analysis/ RATS/ SEEDS, enzymology/ SPECIES SPECIFICITY/ SPLEEN, enzymology/ *SPLEEN, metabolism/ STEREOISOMERS/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRITIUM

552. **Bensimon H:** Hemostatic retropubic prostatectomy.
J Urol 110:326-8, Sep 73
*HEMOSTASIS/ METHODS/ *PROSTATECTOMY/ SUTURES/ URINARY CATHETERIZATION

553. **Benson B, Matthews MJ, Orts RJ:** Presence of an antigonadotropic substance in rat pineal incubation media. Life Sci [I] 11:669-77, 15 Jul 72
ANIMAL EXPERIMENTS/ CASTRATION/ CEREBELLUM/ CULTURE MEDIA/ FEMALE/ *GONADOTROPINS, antagonists & inhibitors/ IN VITRO/ INJECTIONS, INTRAPERITONEAL/ MICE/ MICE, INBRED STRAINS/ NOREPINEPHRINE, pharmacodynamics/ ORGAN CULTURE/ OVARY, drug effects/ *PINEAL BODY, analysis/ PINEAL BODY, physiology/ RATS/ TISSUE EXTRACTS, administration & dosage/ *TISSUE EXTRACTS, pharmacodynamics/ TRYPSIN, pharmacodynamics

554. **Bentley EW:** A review of anticoagulant rodenticides in current use. Bull WHO 47:275-80, 1972 (35 ref.)
ANIMAL EXPERIMENTS/ *ANTICOAGULANTS/ ASIA/ COUMARINS/ DIPHENADIONE/ EUROPE/ INDENES/ MICE/ NORTH AMERICA/ RATS/ REVIEW/ *RODENT CONTROL/ *RODENTICIDES/ RODENTS/ WARFARIN

555. **Benveniste J:** Définition expérimentale d'un rôle nouveau pour l'IgE. Déclenchement immunologique de la déposition des immuns complexes.
Nouv Presse Med 2:703-6, 17 Mar 73 **(Fre)**
ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ ANTIGEN-ANTIBODY COMPLEX/ *ANTIGEN-ANTIBODY REACTIONS/ BASOPHILS, physiology/ BLOOD PLATELETS, physiology/ ENGLISH ABSTRACT/ HISTAMINE LIBERATION/ IGE, biosynthesis/ *IGE, physiology/ IGG, biosynthesis/ IMMUNE COMPLEX DISEASE, physiopathology/ *IMMUNOLOGIC DISEASES, physiopathology/ MAST CELLS, physiology/ RABBITS

556. **Benveniste J, Henson PM, Cochrane CG:** Leukocyte-dependent histamine release from rabbit platelets. The role of IgE, basophils, and a platelet-activating factor.
J Exp Med 136:1356-77, 1 Dec 72
ANIMAL EXPERIMENTS/ ANTIBODIES/ *BASOPHILS, immunology/ *BLOOD PLATELETS, secretion/ CHROMATOGRAPHY, DEAE-CELLULOSE/ COMPLEMENT/ *HISTAMINE LIBERATION/ *IGE/ IMMUNE SERUMS/ IMMUNITY, ACTIVE/ IMMUNITY, PASSIVE/ IMMUNOELECTROPHORESIS/ *LEUKOCYTES, immunology/ MICROSCOPY, ELECTRON/ PLATELET ADHESIVENESS/ RABBITS/ SERUM ALBUMIN, BOVINE

557. **Benya P, Berger K, Golditch M, et al:** Recommendations concerning the use of bacterial collagenase for isolating collagen-associated molecules from tissues.
Anal Biochem 53:313-6, May 73
ANIMAL EXPERIMENTS/ *CLOSTRIDIOPEPTIDASE A/ CLOSTRIDIOPEPTIDASE A, isolation & purification/ CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ *COLLAGEN, isolation & purification/ ETHYLMALEIMIDE/ GEL FILTRATION/ HEAT/ METHODS/ MUCOUS MEMBRANE, drug effects/ MUCOUS MEMBRANE, enzymology/ PALATE, drug effects/ PALATE, enzymology/ PEPTIDE HYDROLASES, antagonists & inhibitors/ RABBITS/ RATS/ SKIN, drug effects/ SKIN, enzymology/ TOSYL COMPOUNDS/ TRITIUM

558. **Benz WC, Goldberg EB:** Interactions between modified phage T4 particles and spheroplasts.
Virology 53:225-35, May 73
*COLIPHAGES/ COLIPHAGES, drug effects/ COLIPHAGES, pathogenicity/ CULTURE MEDIA/ DEOXYRIBONUCLEASE, pharmacodynamics/ DNA, VIRAL/ ESCHERICHIA COLI/ *L FORMS/ PENICILLIN, pharmacodynamics/ PHOSPHOLIPIDS, pharmacodynamics/ PHOSPHORUS ISOTOPES/ SPHEROPLASTS/ TIME FACTORS/ TRYPSIN, pharmacodynamics/ UREA, pharmacodynamics

559. **Benz WC, Goldberg EB:** Interactions between modified phage T4 particles and spheroplasts.
Virology 53:225-35, May 73
ADSORPTION/ *COLIPHAGES/ COLIPHAGES, drug effects/ COLIPHAGES, growth & development/ DEOXYRIBONUCLEASE, pharmacodynamics/ DNA, VIRAL/ DNA VIRUSES/ DNA VIRUSES, drug effects/ DNA VIRUSES, growth & development/ DRUG RESISTANCE, MICROBIAL/ EDTA, pharmacodynamics/ ESCHERICHIA COLI/ ESCHERICHIA COLI, drug effects/ *L FORMS/ MURAMIDASE, pharmacodynamics/ MUTATION/ PENICILLIN, pharmacodynamics/ PHOSPHOLIPIDS, pharmacodynamics/ PHOSPHORUS ISOTOPES/ SPHEROPLASTS/ SULFUR ISOTOPES/ TRYPSIN, pharmacodynamics/ UREA, pharmacodynamics/ VIRAL PROTEINS

560. **Benzer TI, Raftery MA:** Partial characterization of a tetrodotoxin-binding component from nerve membrane. Proc Natl Acad Sci USA 69:3634-7, Dec 72
ANIMAL EXPERIMENTS/ *BINDING SITES/ BIOLOGICAL ASSAY/ CELL MEMBRANE, metabolism/ CHROMATOGRAPHY, THIN LAYER/ CHYMOTRYPSIN, pharmacodynamics/ FISHES/ FISHES, POISONOUS/ FROGS/ KINETICS/ *NEURONS, metabolism/ OLFACTORY NERVE, cytology/ OLFACTORY NERVE, metabolism/ PHOSPHOLIPASE, pharmacodynamics/ PRONASE, pharmacodynamics/ PROTEIN BINDING/ PROTEIN BINDING, drug effects/ SCIATIC NERVE, drug effects/ TETRODOTOXIN, isolation & purification/ *TETRODOTOXIN, metabolism/ TETRODOTOXIN, pharmacodynamics/ TRITIUM

561. **Beránek I, Hrdlička Z:** Fyzikální model pro studium pulsačního proudění v tepenném řečišti.
Cas Lek Cesk 111:945-51, 6 Oct 72 **(Cze)**
*ARTERIES, physiology/ *BLOOD FLOW VELOCITY/ BLOOD PRESSURE DETERMINATION/ BLOOD VISCOSITY/ ENGLISH ABSTRACT/ *MODELS, BIOLOGICAL

562. **Berardi G, Fornaci M, Petrollini R, et al:** Considerazioni clinico terapeutiche su due casi di spesi meningococcica iperacuta.
Minerva Pediatr 25:701-4, 28 Apr 73 **(Ita)**
ACUTE DISEASE/ ANTIBIOTICS, therapeutic use/ BLOOD TRANSFUSION/ CHILD, PRESCHOOL/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ MALE/ *MENINGOCOCCAL INFECTIONS/ MENINGOCOCCAL INFECTIONS, diagnosis/ MENINGOCOCCAL INFECTIONS, drug therapy/ METHYLPREDNISOLONE, therapeutic use/ *SEPTICEMIA/ SULFONAMIDES, therapeutic use

563. **Beremeenko KN, Khomenko LA:** Vyznachennia proteolitychnoi aktyvnosti slyny.
Ukr Biokhim Zh 45:223-6, Mar-Apr 73 **(Ukr)**
ENGLISH ABSTRACT/ HUMAN/

HYDROGEN-ION CONCENTRATION/ INDICATORS AND REAGENTS/ METHODS/ *PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PROTAMINES, analysis/ *SALIVA, enzymology/ SPECTROPHOTOMETRY

564. **Berenson GS, Srinivasan SR, Pangaonkar PS, et al:** Simplified primary screening procedure for detection of hyperlipidemias in healthy individuals.
Clin Chem 18:1463-7, Dec 72
ADULT/ BLOOD PROTEIN DISORDERS, diagnosis/ CALCIUM/ CHILD/ CHOLESTEROL, blood/ COMPARATIVE STUDY/ COSTS AND COST ANALYSIS/ DIABETES MELLITUS, diagnosis/ ELECTROPHORESIS/ EVALUATION STUDIES/ FASTING/ HEPARIN/ HUMAN/ HYPERLIPEMIA, blood/ *HYPERLIPEMIA, diagnosis/ *LIPOPROTEINS, blood/ LIPOPROTEINS, LDL/ LIPOPROTEINS, LDL, blood/ LIPOPROTEINS, VLDL/ LIPOPROTEINS, VLDL, blood/ MASS SCREENING/ METHODS/ SOLUBILITY/ TIME FACTORS/ TRIGLYCERIDES, blood/ ULTRACENTRIFUGATION

565. **Beretta G, Bajetta E, Bonadonna G, et al:** Polichemioterapia con 5-(3,3 dimetil-1-triazeno)-imidazole-4-carboxamide (DTIC; NSC-45388), 1,3-bis (2-cloroetil)-1-nitrosourea (BCNU; NSC-409962) e vincristina (NSC-67574) nel melanoma in fase metastatizzata.
Tumori 59:239-48, May-Jun 73 (Ita)
ALOPECIA, chemically induced/ AMIDES, therapeutic use/ ANTINEOPLASTIC AGENTS, adverse effects/ *ANTINEOPLASTIC AGENTS, therapeutic use/ BONE MARROW DISEASES, chemically induced/ CARMUSTINE, adverse effects/ *CARMUSTINE, therapeutic use/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ HUMAN/ IMIDAZOLES, adverse effects/ *IMIDAZOLES, therapeutic use/ LEUKOPENIA, chemically induced/ *MELANOMA, drug therapy/ NAUSEA, chemically induced/ *NEOPLASM METASTASIS, drug therapy/ REMISSION/ *SKIN NEOPLASMS, drug therapy/ STOMATITIS, chemically induced/ THROMBOPENIA, chemically induced/ TRIAZENES, adverse effects/ *TRIAZENES, therapeutic use/ VINCRISTINE, adverse effects/ *VINCRISTINE, therapeutic use/ VOMITING, chemically induced

566. **Berg NO, Eriksson S:** Liver disease in adults with alpha-1 -antitrypsin deficiency.
N Engl J Med 287:1264-7, 21 Dec 72
ADULT/ AGED/ AUTOPSY/ BIOPSY/ HEPATOMA, pathology/ HOMOZYGOTE/ HUMAN/ LIVER, pathology/ LIVER CIRRHOSIS, complications/ LIVER CIRRHOSIS, familial & genetic/ LIVER DISEASES, pathology/ LIVER NEOPLASMS, complications/ LIVER NEOPLASMS, pathology/ MALE/ *METABOLISM, INBORN ERRORS, complications/ MIDDLE AGE/ PULMONARY EMPHYSEMA, familial & genetic/ STAINS AND STAINING/ *TRYPSIN INHIBITORS

567. **Berg RA, Prockop DJ:** Purification of (14C) protocollagen and its hydroxylation by prolyl-hydroxylase.
Biochemistry 12:3395-401, 28 Aug 73
AMINO ACIDS, analysis/ AMMONIUM SULFATE/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHICK EMBRYO/ CHYMOTRYPSIN/ COLLAGEN, analysis/ *COLLAGEN, isolation & purification/ DRUG STABILITY/ *HYDROXYLASES/ HYDROXYLATION/ MOLECULAR WEIGHT/ PEPSIN/ PROLINE/ PROLINE HYDROXYLASE/ PROLINE HYDROXYLASE, antagonists & inhibitors/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ PROTEIN PRECURSORS, analysis/ *PROTEIN PRECURSORS, isolation & purification/ PYRIDINES/ TEMPERATURE/ *TENDONS, analysis/ TENDONS, embryology/ ULTRACENTRIFUGATION

568. **Berg RA, Prockop DJ:** The thermal transition of a non-hydroxylated form of collagen. Evidence for a role for hydroxyproline in stabilizing the triple-helix of collagen.
Biochem Biophys Res Commun 52:115-20, 1 May 73
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHICK EMBRYO/ CHYMOTRYPSIN/ *COLLAGEN, metabolism/ DRUG STABILITY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ HEAT/ *HYDROXYPROLINE, metabolism/ KINETICS/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ PROTEIN PRECURSORS/ SKIN/ SODIUM DODECYL SULFATE/ TENDONS, metabolism/ TISSUE CULTURE

569. **Bergamaschi P, Imparato E:** Aspetti ginecologici delle piastrinopenie.
Ann Ostet Ginecol 93:428-42, Jun 72 (Ita)
ADULT/ ANALGESICS AND ANTIPYRETICS, adverse effects/ ANTIBIOTICS, adverse effects/ ANTIHISTAMINICS, adverse effects/ ANTI-INFLAMMATORY AGENTS, adverse effects/ ANTINEOPLASTIC AGENTS, adverse effects/ CONTRACEPTIVES, ORAL, adverse effects/ DIPHENYLHYDANTOIN, adverse effects/ DIURETICS, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ *GYNECOLOGIC DISEASES, complications/ HORMONES, adverse effects/ HUMAN/ HYPNOTICS AND SEDATIVES, adverse effects/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ *PUERPERAL DISORDERS, complications/ QUINIDINE, adverse effects/ SULFONAMIDES, adverse effects/ THROMBOPENIA, chemically induced/ *THROMBOPENIA, etiology

570. **Bergdoll MS:** The nature of bacterial toxins.
Clin Toxicol 5:441-51, 1972
ACETYLATION/ AMINO ACID SEQUENCE/ ANTITOXINS/ *BACTERIA/ BACTERIAL PROTEINS, analysis/ BOTULINUM TOXIN/ CLOSTRIDIUM PERFRINGENS, analysis/ DRUG STABILITY/ ENTEROTOXINS, analysis/ HUMAN/ ISOELECTRIC FOCUSING/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, pharmacodynamics/ PEPTIDES/ PROTEIN CONFORMATION/ STAPHYLOCOCCAL FOOD POISONING/ STAPHYLOCOCCUS, analysis/ TEMPERATURE/ *TOXINS

571. **Bergentz SE, Lewis D, Ljungqvist U:** Die Lunge im Schock: Thrombocytenanhäufung nach Trauma und intravasale Gerinnung.
Langenbecks Arch Chir 329:658-64, Dec 71 (Ger)
ANIMAL EXPERIMENTS/ ASPIRIN, pharmacodynamics/ BLOOD PLATELETS/ CHROMIUM ISOTOPES/ DOGS/ ENGLISH ABSTRACT/ FIBRINOGEN, metabolism/ IODINE ISOTOPES, DIAGNOSTIC/ KIDNEY, blood supply/ LUNG, blood supply/ *LUNG, physiopathology/ MUSCLES, blood supply/ PLATELET ADHESIVENESS, drug effects/ PROTAMINES, pharmacodynamics/ SHOCK, TRAUMATIC, blood/ *SHOCK, TRAUMATIC, physiopathology/ THROMBIN, pharmacodynamics/ VASCULAR RESISTANCE/ VENTILATION-PERFUSION RATIO

572. **Berger FM, Bates HM, Diamantis W, et al:** The pharmacological properties of seclazone (7-chloro-3,3a-dihydro-2H, 9H-isoxazolo (3,2-b) (1,3) benzoxazin-9-one) a new anti-inflammatory agent.
Pharmacology 9:164-76, 1973
ADJUVANTS, IMMUNOLOGIC/ ALBUMINS, isolation & purification/ ANALGESICS AND ANTIPYRETICS, therapeutic use/ ANIMAL EXPERIMENTS/ ANTI-INFLAMMATORY AGENTS, adverse effects/ *ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ANTI-INFLAMMATORY AGENTS, therapeutic use/ ARTHRITIS, chemically induced/ ARTHRITIS, drug therapy/ BENZOXAZOLES, therapeutic use/ BLOOD PROTEINS, analysis/ BRADYKININ, antagonists & inhibitors/ CARRAGEENAN/ DIURETICS,

pharmacodynamics/ FIBRINOGEN, isolation & purification/ GLOBULINS, isolation & purification/ GUINEA PIGS/ IN VITRO/ INFLAMMATION, chemically induced/ MALE/ OXAZINES, adverse effects/ *OXAZINES, pharmacodynamics/ OXAZINES, therapeutic use/ OXAZOLES, adverse effects/ OXAZOLES, pharmacodynamics/ OXAZOLES, therapeutic use/ RATS/ STOMACH ULCER, chemically induced/ TIME FACTORS

573. **Bergevin PR, Tormey DC, Blom J:** Clinical evaluation of hexamethylmelamine (NSC-13875).
Cancer Chemother Rep 57:51-8, Feb 73
ADULT/ AGED/ AMINES, adverse effects/ *AMINES, therapeutic use/ ANTINEOPLASTIC AGENTS, administration & dosage/ ANTINEOPLASTIC AGENTS, adverse effects/ *ANTINEOPLASTIC AGENTS, therapeutic use/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD PROTEIN DISORDERS, chemically induced/ FEMALE/ GASTROINTESTINAL DISEASES, chemically induced/ HEMATOCRIT/ HUMAN/ LEUKOCYTE COUNT/ LYMPHOMA, drug therapy/ MALE/ MIDDLE AGE/ NEOPLASMS, drug therapy/ NEOPLASMS, pathology/ NEUROLOGIC MANIFESTATIONS/ TIME FACTORS/ TRIAZINES, adverse effects/ *TRIAZINES, therapeutic use

574. **Berglund S:** Erythrocytosis associated with haemoglobin Malmö, accompanied by pulmonary changes, occurring in the same family.
Scand J Haematol 9:355-69, 1972
ADULT/ AGED/ BLOOD CELL COUNT/ BLOOD SEDIMENTATION/ FACTOR V, analysis/ FACTOR VIII, analysis/ FEMALE/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ *HEMOGLOBINS, ABNORMAL, analysis/ HUMAN/ LEUKOCYTES/ LUNG, radiography/ LUNG DISEASES, complications/ MALE/ MIDDLE AGE/ OSTEOARTHROPATHY, SECONDARY HYPERTROPHIC, complications/ PEDIGREE/ PLATELET ADHESIVENESS/ POLYCYTHEMIA, complications/ *POLYCYTHEMIA, familial & genetic/ THROMBIN, pharmacodynamics/ TIME FACTORS

575. **Bergmann H:** Plastikmaterial und Glas in der Blutkonservierung.
Munch Med Wochenschr 114:2209-13, 22 Dec 72 (Ger)
AUSTRIA/ *BLOOD PRESERVATION/ BLOOD SPECIMEN COLLECTION/ BLOOD TRANSFUSION/ EMBOLISM, AIR, prevention & control/ ENGLISH ABSTRACT/ *EQUIPMENT AND SUPPLIES/ GLASS/ HUMAN/ POLYMERS/ RETROSPECTIVE STUDIES/ SPECIMEN HANDLING

576. **Bergmann KC:** Lungenemphysem und alpha 1-Antitrypsindefekt.
Z Erkr Atmungsorgane 136:307-10, 1972 (Ger)
*BLOOD PROTEIN DISORDERS, complications/ BLOOD PROTEIN DISORDERS, familial & genetic/ ELECTROPHORESIS, PAPER/ HUMAN/ IMMUNOELECTROPHORESIS/ *PULMONARY EMPHYSEMA, complications/ PULMONARY EMPHYSEMA, drug therapy/ SERUM GLOBULINS, analysis/ *TRYPSIN INHIBITORS, analysis/ TRYPSIN INHIBITORS, therapeutic use

577. **Bergmann M:** Die Verwndung von POR 8 bei urologischen Eingriffen.
Z Urol Nephrol 65:775-9, Oct 72 (Ger)
AGED/ BLADDER, surgery/ BLADDER NEOPLASMS, surgery/ DRUG COMBINATIONS/ FEMALE/ *HEMORRHAGE, prevention & control/ HEMOSTASIS/ HUMAN/ MALE/ MIDDLE AGE/ *ORNITHINE, therapeutic use/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PROSTATECTOMY/ PROSTATIC HYPERTROPHY, surgery/ *TYROSINE, therapeutic use/ *UROLOGIC DISEASES, surgery/ *VASOPRESSIN, therapeutic use

578. **Bergner-Rabinowitz S, Ofek I, Fleiderman S, et al:** Evaluation of streptozyme and antistreptolysin O tests in streptococcal pyodermal nephritis.
Appl Microbiol 26:56-8, Jul 73
ADOLESCENCE/ ANTIBODIES, analysis/ ANTISTREPTOLYSIN, analysis/ CHILD/ CHILD, PRESCHOOL/ COMPARATIVE STUDY/ DEOXYRIBONUCLEASE/ DIAGNOSIS, DIFFERENTIAL/ EVALUATION STUDIES/ HUMAN/ HYALURONIDASE/ METHODS/ *NEPHRITIS, diagnosis/ NEPHRITIS, etiology/ NUCLEOSIDASES/ PYODERMA, complications/ *SERODIAGNOSIS/ *STREPTOCOCCAL INFECTIONS, diagnosis/ STREPTOCOCCAL INFECTIONS, etiology/ STREPTOCOCCUS, enzymology/ STREPTOKINASE/ TIME FACTORS

579. **Bergquist E, Bergqvist D, Bronge A, et al:** An evaluation of early thrombosis prophylaxis following fracture of the femoral neck. A comparison between dextran and dicoumarol. Acta Chir Scand 138:689-93, 1972
AGED/ *BISHYDROXYCOUMARIN, therapeutic use/ COMPARATIVE STUDY/ *DEXTRAN, therapeutic use/ FEMALE/ *FEMORAL NECK FRACTURES, complications/ FEMORAL NECK FRACTURES, surgery/ HUMAN/ LEG, blood supply/ MALE/ PHLEBOGRAPHY/ PREOPERATIVE CARE/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, prevention & control

580. **Bergqvist D, Dahlgren S:** Leg vein thrombosis diagnosed by 125 I-fibrinogen test in patients with fracture of the hip: a study of the effect of early prophylaxis with dicoumarol or dextran 70.
Vasa 2:121-6, 1973
AGED/ ANTICOAGULANTS, therapeutic use/ *BISHYDROXYCOUMARIN, therapeutic use/ *DEXTRAN, therapeutic use/ FEMALE/ *FEMORAL FRACTURES, complications/ FIBRINOGEN, diagnostic use/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ MIDDLE AGE/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, prevention & control

581. **Bergqvist D, Dahlgren S:** Diagnosis of deep venous thrombosis. Lancet 1:1002, 5 May 73
ADULT/ AGED/ *FIBRINOGEN, diagnostic use/ HUMAN/ *IODINE ISOTOPES, DIAGNOSTIC/ METHODS/ MIDDLE AGE/ PHLEBOGRAPHY/ *THROMBOPHLEBITIS, diagnosis

582. **Bergsjo P:** Postmenopausal østrogenterapi og trombose.
Tidsskr Nor Laegeforen 92:2354, 6 Dec 72 (Nor)
*CONTRACEPTIVES, ORAL, adverse effects/ *ESTROGENS, adverse effects/ FEMALE/ FIBRINOLYSIS, drug effects/ HUMAN/ MENOPAUSE/ *THROMBOEMBOLISM, chemically induced

583. **Bergstein JM, Michael AF Jr:** The effect of thorotrast and cortisone on renal cortical fibrinolytic activity in the rabbit. Am J Pathol 71:113-8, Apr 73
ANIMAL EXPERIMENTS/ CORTISONE, antagonists & inhibitors/ *CORTISONE, pharmacodynamics/ ENDOTOXINS, pharmacodynamics/ *FIBRIN, antagonists & inhibitors/ *FIBRINOLYSIS/ INJECTIONS, INTRAMUSCULAR/ *KIDNEY, drug effects/ KIDNEY, pathology/ KIDNEY CORTEX, drug effects/ KIDNEY GLOMERULUS, drug effects/ RABBITS/ SHWARTZMAN PHENOMENON, etiology/ SHWARTZMAN PHENOMENON, pathology/ THORIUM DIOXIDE, antagonists & inhibitors/ *THORIUM DIOXIDE, pharmacodynamics

584. **Bergstein JM, Michael AF Jr:** Renal cortical fibrinolytic activity in the rabbit following one or two doses of endotoxin.
Thromb Diath Haemorrh 29:27-32, 28 Feb 73
ANIMAL EXPERIMENTS/ CATTLE/ *ENDOTOXINS, pharmacodynamics/ *FIBRINOLYSIS/ *KIDNEY, physiopathology/ KIDNEY CORTEX/ RABBITS/ SHWARTZMAN PHENOMENON, chemically induced/ TIME FACTORS

585. **Bergstrand H, Källén B:** Antigenic determinants in the N-terminal part of bovine encephalitogenic protein studied with the macrophage migration inhibition assay in guinea pigs. Evidence for an immunological reactivity of peptide 1-43 when tested on cells from animals injected with Freunds's complete adjuvant.
Immunochemistry 10:229-38, Apr 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *ANTIGENIC DETERMINANTS/ BINDING SITES, ANTIBODY/ CATTLE/ *CELL MIGRATION INHIBITION/ CHROMATOGRAPHY, ION EXCHANGE/ CROSS REACTIONS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENCEPHALITOGENIC BASIC PROTEINS/ FREUND'S ADJUVANT/ GEL FILTRATION/ GUINEA PIGS, immunology/ IMMUNITY, CELLULAR/ IMMUNIZATION/ LYSINE/ *MACROPHAGES/ MATHEMATICS/ METHIONINE/ *NERVE TISSUE PROTEINS/ PEPSIN/ PEPTIDES, analysis/ TRYPSIN/ TYROSINE

586. **Berken A, Sherman AA:** Reticuloendothelial system depression in man after olive oil ingestion.
Proc Soc Exp Biol Med 141:656-8, Nov 72
ADULT/ AGED/ CLINICAL RESEARCH/ DEPRESSION, CHEMICAL/ EMULSIONS/ FEMALE/ HEPARIN, administration & dosage/ HUMAN/ INJECTIONS, INTRAVENOUS/ IODINE ISOTOPES/ MALE/ MIDDLE AGE/ *OILS, pharmacodynamics/ *PHAGOCYTOSIS, drug effects/ SERUM ALBUMIN, administration & dosage/ TRIGLYCERIDES, analysis

587. **Berkessy S:** Intramuscular injection and coagulation defects.
Br Med J 1:358, 10 Feb 73
*BLOOD COAGULATION DISORDERS, complications/ HEMATOMA, etiology/ HEMODIALYSIS, adverse effects/ HEPARIN, adverse effects/ HUMAN/ *INJECTIONS, INTRAMUSCULAR, adverse effects/ UREMIA

588. **Berkessy S, Faludi A:** The effect of exchange blood transfusion using the artificial kidney: experiments in vitro and clinical studies.
Resuscitation 2:9-16, Apr 73
ACID-BASE EQUILIBRIUM/ ADULT/ AUSTRALIA ANTIGEN, analysis/ BILIRUBIN, blood/ BLOOD SUGAR, analysis/ BLOOD VOLUME/ CALCIUM, blood/ CITRATES/ *EXCHANGE TRANSFUSION/ EXCHANGE TRANSFUSION, instrumentation/ GLUCOSE, administration & dosage/ HEMODIALYSIS/ HEPARIN/ HERBICIDES, poisoning/ HUMAN/ IN VITRO/ *KIDNEY, ARTIFICIAL/ MALE/ METHODS/ POTASSIUM, blood/ TEMPERATURE/ TIME FACTORS/ WATER-ELECTROLYTE BALANCE

589. **Berkowitz HD, Perloff LJ, Roberts B:** Pseudointimal development on microporous polyurethane lattices.
Surgery 72:888-96, Dec 72
ANIMAL EXPERIMENTS/ AORTA, pathology/ AORTA, surgery/ *BLOOD VESSEL PROSTHESIS/ BLOOD VESSEL PROSTHESIS, adverse effects/ COLLAGEN, biosynthesis/ DOGS/ EVALUATION STUDIES/ FIBRIN, metabolism/ METHODS/ MICROSCOPY, ELECTRON, SCANNING/ PHLEBOGRAPHY/ POLYETHYLENE TEREPHTHALATE/ *POLYURETHANES/ THROMBOSIS, etiology/ VENA CAVA, INFERIOR, pathology/ VENA CAVA, INFERIOR, surgery/ WOUND HEALING

590. **Berliner LJ, Wong SS:** Evidence against two "pH locked" conformations of phosphorylated trypsin.
J Biol Chem 248:1118-20, 10 Feb 73
BINDING SITES/ CYCLIC N-OXIDES/ ELECTRON SPIN RESONANCE/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ ISOFLUROPHATE/ ORGANOPHOSPHORUS COMPOUNDS/ *PHOSPHORIC ACIDS/ PIPERIDINES/ PROTEIN CONFORMATION/ *TRYPSIN/ TRYPSIN INHIBITORS

591. **Berlinson MIa, Sukhanova LF:** O sindrome Moshkovitsa.
Vopr Okhr Materin Det 17:80-3, Oct 72 **(Rus)**
*CEREBROVASCULAR DISORDERS/ HUMAN/ *PURPURA, THROMBOTIC THROMBOPENIC/ SYNDROME

592. **Berman PH, Nigro MA, Harris MB, et al:** Activation of fibrinolysis in muscular dystrophy.
Arch Neurol 29:65-6, Jul 73
ADOLESCENCE/ ADULT/ CHILD/ CREATINE KINASE, blood/ FEMALE/ FIBRIN, analysis/ *FIBRINOLYSIS/ HUMAN/ MALE/ *MUSCULAR DYSTROPHY, blood/ MUSCULAR DYSTROPHY, enzymology/ MUSCULAR DYSTROPHY, familial & genetic/ PLASMINOGEN, analysis

593. **Bermes EW Jr, McDonald HJ:** The stability of human serum lipoproteins, in vitro.
Ann Clin Lab Sci 2:226-32, May-Jun 72
BLOOD PRESERVATION/ BLOOD PROTEIN ELECTROPHORESIS/ COPPER, pharmacodynamics/ DIALYSIS/ DRUG STABILITY/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *LIPOPROTEINS, blood/ OSMOLAR CONCENTRATION/ OXIDATION-REDUCTION/ SERUM ALBUMIN, BOVINE, analysis/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TEMPERATURE

594. **Bernacki RJ, Bosmann HB:** Activity of a rat-liver glycoprotein: sialyltransferase utilizing desialyzed prothrombin as an acceptor in normal and hypothrombinemic animals.
Eur J Biochem 33:49-58, 15 Feb 73
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHLORIDES/ DIET/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ GLYCOPROTEINS/ HEXOSYLTRANSFERASES, analysis/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LEAD/ LIVER, enzymology/ MAGNESIUM/ MALE/ MERCURY/ NEURAMINIC ACIDS/ *PROTHROMBIN/ RATS/ TEMPERATURE/ *TRANSFERASES/ TRANSFERASES, antagonists & inhibitors/ TRANSFERASES, isolation & purification/ VITAMIN K DEFICIENCY, enzymology/ ZINC

595. **Bernacki RJ, Bosmann HB:** Rat-liver-sialidase activity utilizing a tritium-labeled sialic-acid derivative of glycoprotein substrates. Activity in normal and hypothrombinemic rats.
Eur J Biochem 34:425-33, 2 May 73
ACETYLATION/ ALPHA GLOBULIN/ ANIMAL EXPERIMENTS/ CHEMISTRY/ CHROMATOGRAPHY/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CLOSTRIDIUM PERFRINGENS, enzymology/ GLYCOPROTEINS/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ HYPOPROTHROMBINEMIAS, enzymology/ KINETICS/ *LIVER, enzymology/ MALE/ NEURAMINIC ACIDS/ *NEURAMINIDASE, metabolism/ PROTHROMBIN/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRITIUM/ VITAMIN K DEFICIENCY, enzymology

596. **Bernadou A, Devred C, Diebold J, et al:** Thymome fuso-cellulaire associé à une érythroblastopénie, une mégacaryocytopénie et une maladie des inclusions cytomégaliques.
Sem Hop Paris 48:3443-9, 20 Dec 72 **(Fre)**
AGED/ ANDROGENS, therapeutic use/ *ANEMIA, etiology/ AUTOANTIBODIES/ BRONCHOPNEUMONIA, complications/ BRONCHOPNEUMONIA, etiology/ COBALT ISOTOPES, therapeutic use/ CORTISONE, therapeutic use/ *CYTOMEGALIC INCLUSION DISEASE, complications/ ENGLISH ABSTRACT/ ERYTHROCYTES/ FEMALE/ *HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ MEGAKARYOCYTES/ MYASTHENIA GRAVIS, etiology/ PURPURA, THROMBOPENIC, etiology/ *THYMOMA, complications/ THYMOMA, drug therapy/ THYMOMA, radiotherapy

597. **Bernard EA, Wassermann GF:** Protein kinase activities

in rat epididymis. Effects of maturation and testosterone treatment.
Biochem Biophys Res Commun 49:434-40, 17 Oct 72
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ AGING/ ANIMAL EXPERIMENTS/ CASEIN/ CASTRATION/ ENZYME ACTIVATION/ EPIDIDYMIS, drug effects/ *EPIDIDYMIS, enzymology/ EPIDIDYMIS, growth & development/ HISTONES/ MALE/ PHOSPHORUS ISOTOPES/ *PHOSPHOTRANSFERASES, metabolism/ PROTAMINES/ PROTEINS/ RATS/ TESTIS, physiology/ *TESTOSTERONE, pharmacodynamics

598. **Bernard J, Jacquillat C, Boiron M, et al:** 57 observations de leucémies aiguës. Essai de traitement par un dérivé semi-synthétique de la daunorubicine: le 22 050 R.
Nouv Presse Med 1:2149-52, 23 Sep 72 (Fre)
ADOLESCENCE/ ADULT/ AGED/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ BONE MARROW EXAMINATION/ CHILD/ CHILD, PRESCHOOL/ DAUNOMYCIN, adverse effects/ *DAUNOMYCIN, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LEUKEMIA, LYMPHOBLASTIC, drug therapy/ *LEUKEMIA, MYELOBLASTIC, drug therapy/ LEUKOCYTE COUNT/ MALE/ MIDDLE AGE/ NEOPLASM RECURRENCE, LOCAL/ PROGNOSIS/ REMISSION/ TACHYCARDIA, chemically induced

599. **Bernard MC, Brisou J, Denis F, et al:** Présence d'un phospholipase A chez E. coli O 118. I. Mise en évidence de deux états de l'enzyme et propriétés.
Biochimie 54:261-70, 1972 (Fre)
ALCOHOL, ETHYL/ CALCIUM/ CELL MEMBRANE, enzymology/ CELLS, CULTURED/ CEPHALINS, metabolism/ CYTOPLASM, enzymology/ ENGLISH ABSTRACT/ *ESCHERICHIA COLI, enzymology/ ESCHERICHIA COLI, metabolism/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LECITHINS, metabolism/ *PHOSPHOLIPASE, analysis/ PHOSPHOLIPIDS, metabolism/ PHOSPHORUS ISOTOPES/ PROTEIN DENATURATION/ SURFACE-ACTIVE AGENTS/ TRYPSIN/ ULTRASONICS

600. **Berndt W:** Pankreasferment--Substitutionspräparate.
Z Allgemeinmed 48:1641-4, 20 Dec 72 (Ger)
AMYLASE, pharmacodynamics/ *AMYLASE, standards/ AMYLASE, therapeutic use/ GASTRIC JUICE, drug effects/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LIPASE, pharmacodynamics/ *LIPASE, standards/ LIPASE, therapeutic use/ PANCREATIC DISEASES, drug therapy/ PANCREATIC EXTRACTS, pharmacodynamics/ *PANCREATIC EXTRACTS, standards/ PANCREATIC EXTRACTS, therapeutic use/ PANCREATIN, pharmacodynamics/ *PANCREATIN, standards/ PANCREATIN, therapeutic use/ TABLETS, ENTERIC-COATED/ TRYPSIN, pharmacodynamics/ *TRYPSIN, standards/ TRYPSIN, therapeutic use

601. **Bernhard SA, Lau S:** Spectrophotometric and structural evidence as to the mechanism of portease catalysis at chemical bonding resolution.
Cold Spring Harbor Symp Quant Biol 36:75-83, 1971
ACRIDINES/ ACRYLATES/ BINDING SITES/ CATALYSIS/ CHEMISTRY/ CHYMOTRYPSIN/ CHYMOTRYPSIN, antagonists & inhibitors/ FURANS/ KINETICS/ PAPAIN/ *PEPTIDE PEPTIDOHYDROLASES/ PROTEIN BINDING/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPTOPHAN

602. **Bernhardt B, Valletta M, Brook J, et al:** Amyloidosis with factor X deficiency.
Am J Med Sci 264:411-4, Nov 72
AMYLOIDOSIS, blood/ *AMYLOIDOSIS, complications/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ *FACTOR X/ FEMALE/ HUMAN/ *HYPOPROTHROMBINEMIAS, etiology/ HYPOPROTHROMBINEMIAS, familial & genetic/ PROTHROMBIN TIME/ THROMBOPLASTIN

603. **Bernhardt H:** Untersuchungen über die Wirksamkeit des Verdauungsfermentes Trypsin bei Entzündungserscheinungen und Abszessbildungen im Zahn-, Mund- und Kieferbereich unter besonderer Berücksichtigung der Anwendung bei der Wurzelkanalbehandlung.
ZWR 82:397-8, 25 Apr 73 (Ger)
*GANGRENE, drug therapy/ HUMAN/ *PERIODONTITIS, drug therapy/ ROOT CANAL THERAPY/ *TRYPSIN, therapeutic use

604. **Bernheimer AW, Kim KS, Remsen CC, et al:** Factors affecting interaction of staphylococcal alpha toxin with membranes. Infect Immun 6:636-42, Oct 72
ANIMAL EXPERIMENTS/ BACTERIA, drug effects/ BLOOD PLATELETS, drug effects/ *CELL MEMBRANE, drug effects/ ERYTHROCYTES, drug effects/ FREEZE ETCHING/ LIPOSOMES, pharmacodynamics/ LIVER, cytology/ LIVER, drug effects/ LYSOSOMES, drug effects/ MICROSCOPY, ELECTRON/ PHOSPHOLIPIDS, analysis/ RABBITS/ STAINS AND STAINING/ *STAPHYLOCOCCUS, analysis/ TOXINS, isolation & purification/ *TOXINS, pharmacodynamics

605. **Bernie JE:** Renal angiomyolipoma in an adolescent: a case report. J Urol 109:492-4, Mar 73
ADOLESCENCE/ FEMALE/ HEMANGIOMA, etiology/ *HEMANGIOMA, radiography/ HUMAN/ KIDNEY NEOPLASMS, etiology/ *KIDNEY NEOPLASMS, radiography/ LIPOMA, etiology/ *LIPOMA, radiography/ TUBEROUS SCLEROSIS, complications/ TUBEROUS SCLEROSIS, diagnosis

606. **Bernier G:** Traitement moderne de la coagulation intravasculaire disséminée.
Union Med Can 102:1049-54, May 73 (Fre)
CORTISONE, therapeutic use/ *DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN/ ISOPROTERENOL, therapeutic use

607. **Bernik MB:** Increased plasminogen activator (urokinase) in tissue culture after fibrin deposition.
J Clin Invest 52:823-34, Apr 73
CELL-FREE SYSTEM/ CELLS, CULTURED/ *FIBRIN, metabolism/ FIBRINOLYSIN, pharmacodynamics/ *FIBRINOLYTIC AGENTS, metabolism/ HUMAN/ IN VITRO/ KIDNEY, cytology/ *KIDNEY, metabolism/ LUNG, cytology/ LUNG, metabolism/ MITOSIS/ SPLEEN, cytology/ SPLEEN, metabolism/ THROMBIN, pharmacodynamics/ THYROID GLAND, cytology/ THYROID GLAND, metabolism/ TIME FACTORS/ TRYPSIN, pharmacodynamics

608. **Bernsmeier A:** Passagere zerebrale Durchblutungsstörungen.
Dtsch Med Wochenschr 98:1482, Aug 73 (Ger)
ANTICOAGULANTS, therapeutic use/ CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ CEREBRAL ISCHEMIA, TRANSIENT, surgery/ *CEREBRAL ISCHEMIA, TRANSIENT, therapy/ HUMAN

609. **Bernstein IL:** Medical hazards of aerosols. 1.
Postgrad Med 52:62-8, Dec 72
AEROSOL PROPELLANTS, adverse effects/ *AEROSOLS, adverse effects/ AEROSOLS, analysis/ ALPHA GLOBULIN, metabolism/ ANTIGEN-ANTIBODY COMPLEX/ ASTHMA, complications/ CHRONIC DISEASE/ DIFFUSION/ HUMAN/ HYPERSENSITIVITY, immunology/ IGG, metabolism/ IRRITANTS, adverse effects/ METABOLISM, INBORN ERRORS, metabolism/ PARTICLE SIZE/ PRECIPITATION/ PULMONARY EMPHYSEMA, familial & genetic/ PULMONARY

EMPHYSEMA, metabolism/ RESPIRATORY SYSTEM, physiopathology/ *RESPIRATORY TRACT DISEASES, chemically induced/ RESPIRATORY TRACT DISEASES, immunology/ RESPIRATORY TRACT DISEASES, metabolism/ TRYPSIN INHIBITORS, metabolism

610. **Bernstein MH, Teichman RJ:** A chemical procedure for extraction of the acrosomes of mammalian spermatozoa. J Reprod Fertil 33:239-44, May 73
ACID PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ BARBITURATES/ CATTLE/ GLUCURONIDASE, analysis/ HUMAN/ HYALURONIDASE, analysis/ *LYSOSOMES, analysis/ MALE/ METHODS/ PEPTIDE HYDROLASES, analysis/ PROTEINS, analysis/ RABBITS/ *SPERMATOZOA, analysis/ SPERMATOZOA, enzymology/ SURFACE-ACTIVE AGENTS

611. **Berrens L, Guikers CL:** An immunochemical study of pigeon-breeder's disease. 3. The interaction of pigeon intestinal enzyme with human serum and a study of serum inhibitors.
Int Arch Allergy Appl Immunol 43:337-46, 1972
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ ESTERASES, isolation & purification/ ESTERASES, metabolism/ *FARMER'S LUNG, immunology/ FECES, enzymology/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HEMOGLOBIN, metabolism/ HUMAN/ IMMUNE SERUMS/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ *PIGEONS/ SERUM ALBUMIN, metabolism

612. **Berrens L, Maesen FP:** An immunochemical study of pigeon-breeder's disease.
Int Arch Allergy Appl Immunol 43:327-36, 1972
ANIMAL EXPERIMENTS/ *ANTIGENS, analysis/ ANTIGENS, BACTERIAL/ ASPERGILLUS FUMIGATUS, immunology/ CROP, AVIAN, enzymology/ *FARMER'S LUNG, immunology/ FECES, immunology/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ OCCUPATIONAL DISEASES, diagnosis/ PEPTIDE HYDROLASES, metabolism/ *PIGEONS/ STOMACH, AVIAN, enzymology

613. **Berrens L, Rijswijk-Verbeek J van:** Inactivation of complement (C3) in human serum by atopic allergens.
Int Arch Allergy Appl Immunol 45:30-9, 1973
*ALLERGENS/ AMINOCAPROIC ACID/ ANIMAL EXPERIMENTS/ CHICKENS/ *COMPLEMENT/ DUST/ ENZYME ACTIVATION/ ESTERASES, metabolism/ FEATHERS/ HORSES/ HUMAN/ *HYPERSENSITIVITY, IMMEDIATE, immunology/ KALLIKREIN, metabolism/ PLASMINOGEN, isolation & purification/ POLLEN/ PROPERDIN/ ULTRAFILTRATION/ ZYMOSAN

614. **Bersaques J de:** Peptidases and naphthylamidases in human skin. Influence of buffers, EDTA and metals on dipeptide arylamidase 3.
Enzymologia 43:253-9, 31 Oct 72
AMIDOHYDROLASES, antagonists & inhibitors/ ARGININE/ BUFFERS/ CHROMATOGRAPHY, ION EXCHANGE/ COBALT/ DIPEPTIDES/ EDTA/ ENZYME ACTIVATION/ FLUOROMETRY/ GEL FILTRATION/ HUMAN/ HYDROGEN-ION CONCENTRATION/ NAPHTHALENES/ OSMOLAR CONCENTRATION/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, isolation & purification/ *SKIN NEOPLASMS, enzymology/ SULFHYDRYL COMPOUNDS/ TEMPERATURE/ ZINC

615. **Bertrand G, Basle M, Alquier P, et al:** Septicémie aspergillaire et aspergillose disséminée (a propos de deux observations.
Sem Hop Paris 48:2599-606, 8 Oct 72 (Fre)
ADULT/ AGE FACTORS/ AMPHOTERICIN B, therapeutic use/ *ASPERGILLOSIS/ ASPERGILLOSIS, diagnosis/ ASPERGILLOSIS, drug therapy/ ASPERGILLOSIS, pathology/ BRONCHOPNEUMONIA, etiology/ CROSS INFECTION/ DIAGNOSIS, DIFFERENTIAL/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HUMAN/ MALE/ PERFUSION, adverse effects/ PLEURAL EFFUSION, etiology/ PROGNOSIS/ SEPTICEMIA, drug therapy/ *SEPTICEMIA, etiology/ SEX FACTORS/ TUBERCULOSIS, PULMONARY, complications

616. **Berzewski H:** Therapie der akuten zerebrovaskulären Insuffizzienz.
Dtsch Med Wochenschr 97:1979-80 passim, 22 Dec 72 (Ger)
ANTICOAGULANTS, therapeutic use/ BRAIN EDEMA, complications/ BRAIN EDEMA, therapy/ CARDIAC GLYCOSIDES, therapeutic use/ CEREBROVASCULAR DISORDERS, complications/ *CEREBROVASCULAR DISORDERS, drug therapy/ DEXTRAN, therapeutic use/ HUMAN/ INJECTIONS, INTRAVENOUS/ PLASMA SUBSTITUTES, therapeutic use/ RESERPINE, therapeutic use/ THEOPHYLLINE, therapeutic use/ UREA, administration & dosage

617. **Berzewski H, Leonhardt H, Misgeld V:** Artefakte unter dem Bild einer Furunkulose und hämorrhagischen Diathese: Aufdeckung und psychiatrische Problematik.
Med Klin 67:1671-6, 15 Dec 72 (Ger)
ADULT/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ *FURUNCULOSIS, diagnosis/ *HEMORRHAGIC DIATHESIS, diagnosis/ HUMAN/ PERSONALITY/ *SELF MUTILATION, diagnosis/ SELF MUTILATION, therapy/ SICK ROLE

618. **Besa EC, Gorshein D, Hait WA, et al:** Effective erythropoiesis induced by 5beta-pregnane-3beta-hydroxy-20-one in squirrel monkeys. J Clin Invest 52:2278-82, Sep 73
ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD VOLUME/ CHROMIUM ISOTOPES/ ERYTHROCYTES, metabolism/ ERYTHROCYTES, physiology/ *ERYTHROPOIESIS, drug effects/ FEMALE/ HALF-LIFE/ HEMATOCRIT/ HYDROXYSTEROIDS, administration & dosage/ HYDROXYSTEROIDS, pharmacodynamics/ IRON, blood/ IRON, metabolism/ IRON ISOTOPES/ KETOSTEROIDS, administration & dosage/ KETOSTEROIDS, pharmacodynamics/ LEUKOCYTE COUNT/ MALE/ MONKEYS/ PREGNANES, administration & dosage/ *PREGNANES, pharmacodynamics

619. **Bessa SM, Ghanem M, Berzins UJ, et al:** Effect of pancreatic enzymes on protruding ileostomy stomas.
Arch Surg 106:713-6, May 73
AIR/ ANIMAL EXPERIMENTS/ *BILE ACIDS AND SALTS, pharmacodynamics/ *CHYMOTRYPSIN, pharmacodynamics/ DOGS/ ELASTICITY/ HYDROGEN-ION CONCENTRATION/ *ILEOSTOMY, adverse effects/ *PANCREATIN, pharmacodynamics/ *PEPSIN, pharmacodynamics/ POSTOPERATIVE COMPLICATIONS, etiology/ SODIUM CHLORIDE, pharmacodynamics/ *TRYPSIN, pharmacodynamics

620. **Bessiere E, Pesme D, Vallat:** A propos d'un angiome choroïdien.
Bull Soc Ophtalmol Fr 72:977-9, Sep-Oct 72 (Fre)
*CHOROID NEOPLASMS/ CHOROID NEOPLASMS, diagnosis/ CHOROID NEOPLASMS, pathology/ *HEMANGIOMA, CAVERNOUS/ HEMANGIOMA, CAVERNOUS, diagnosis/ HEMANGIOMA, CAVERNOUS, pathology/ HUMAN/ MALE/ MIDDLE AGE

621. **Bessis M, Mandon P:** La microsphérulation et les formes myéliniques des globules rouges. Examen comparé au microscope électronique à balayage et à transmission.

Nouv Rev Fr Hematol 12:443-54, Jul-Aug 72 (Fre)
BLOOD PRESERVATION/ ENGLISH ABSTRACT/ *ERYTHROCYTES, cytology/ *ERYTHROCYTES, ABNORMAL, cytology/ HUMAN/ METHODS/ MICROSCOPY, ELECTRON/ MICROSCOPY, ELECTRON, SCANNING

622. **Bessis M, Weed RI:** The structure of normal and pathologic erythrocytes.
Adv Biol Med Phys 14:35-91, 1973 (102 ref.)
AGGLUTINATION/ ANEMIA, SICKLE CELL, blood/ ANEMIA, SICKLE CELL, pathology/ CITRATES/ COMPUTERS, DIGITAL/ *ERYTHROCYTES, anatomy & histology/ ERYTHROCYTES, cytology/ ERYTHROCYTES, pathology/ ERYTHROCYTES, ABNORMAL, pathology/ FREEZE ETCHING/ GLASS/ HEMOLYSIS/ HEPARIN/ HISTOCYTOCHEMISTRY/ HYDROGEN-ION CONCENTRATION/ LASERS/ MICROSCOPY, ELECTRON/ MICROSCOPY, ELECTRON, SCANNING/ MICROSCOPY, INTERFERENCE/ MICROSCOPY, PHASE CONTRAST/ OSMOTIC PRESSURE/ PHAGOCYTOSIS/ REVIEW/ STAINS AND STAINING/ UREA

623. **Bester AJ, Gevers W:** Cell-free protein synthesis in heart and skeletal muscles from polymyopathic hamsters. Biochem J 132:193-201, Feb 73
AMINO ACYL T RNA SYNTHETASES, metabolism/ ANIMAL EXPERIMENTS/ BRAIN, metabolism/ CARBON ISOTOPES/ CELL-FREE SYSTEM/ FEMALE/ HAMSTERS/ LIVER, metabolism/ MALE/ *MUSCLE PROTEINS, biosynthesis/ MUSCLE, SMOOTH, metabolism/ MUSCLES, cytology/ MUSCLES, metabolism/ *MUSCULAR DYSTROPHY, ANIMAL, metabolism/ MYOCARDIUM, cytology/ *MYOCARDIUM, metabolism/ ORGAN SPECIFICITY/ PEPTIDE CHAIN ELONGATION/ PEPTIDE CHAIN INITIATION/ PEPTIDE HYDROLASES, metabolism/ POLYRIBOSOMES, metabolism/ RIBONUCLEASE, metabolism/ SPECTROPHOTOMETRY, ULTRAVIOLET/ UTERUS, metabolism

624. **Besterman EM, Gillett MP:** Heparin effects on plasma lysolecithin formation and platelet aggregation.
Atherosclerosis 17:503-13, May-Jun 73
ACYLTRANSFERASES, blood/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADOLESCENCE/ ADULT/ BLOOD SEDIMENTATION/ CHOLESTEROL/ CHOLESTEROL, blood/ COLLAGEN, pharmacodynamics/ DEXTRAN, pharmacodynamics/ ENZYME ACTIVATION, drug effects/ EPINEPHRINE, pharmacodynamics/ FEMALE/ *HEPARIN, pharmacodynamics/ HUMAN/ IN VITRO/ INJECTIONS, INTRAVENOUS/ LECITHINS/ LECITHINS, metabolism/ *LYSOLECITHIN, biosynthesis/ LYSOLECITHIN, blood/ MALE/ MIDDLE AGE/ *PLATELET ADHESIVENESS, drug effects/ PROTAMINES/ SULFATES

625. **Besznyák I, Besznyák G:** Hämangioendotheliom der Schilddrüse. Zentralbl Chir 98:132-4, 26 Jan 73 (Ger)
CASE REPORT/ CYCLOPHOSPHAMIDE, therapeutic use/ FEMALE/ HEMANGIOENDOTHELIOMA, drug therapy/ HEMANGIOENDOTHELIOMA, pathology/ HEMANGIOENDOTHELIOMA, radiotherapy/ *HEMANGIOENDOTHELIOMA, surgery/ HUMAN/ MIDDLE AGE/ THYROID NEOPLASMS, drug therapy/ THYROID NEOPLASMS, pathology/ THYROID NEOPLASMS, radiotherapy/ *THYROID NEOPLASMS, surgery

626. **Bethmann W, Nitzsche T:** Begleiterscheinungen bei Vorliegen von Lippen-Kiefer-Gaumen-Spalten im Thallwitzer Patientengut.
Dtsch Stomatol 22:907-12, Dec 72 (Ger)
*ABNORMALITIES, MULTIPLE/ *CLEFT LIP, complications/ *CLEFT PALATE, complications/ EAR, abnormalities/ ENGLISH ABSTRACT/ EXTREMITIES, abnormalities/ EYE, abnormalities/ HEMANGIOMA/ HERNIA/ HUMAN/ NEVUS/ NOSE DEFORMITIES

627. **Bétourne C, Dorra M, Dupuy P, et al:** Typhoïde, grossesse et coagulation intravasculaire disséminée.
Ann Med Interne (Paris) 123:671-4, Jun-Jul 72 (Fre)
ADULT/ AMPICILLIN, therapeutic use/ ANTIBIOTICS, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ EPISTAXIS, etiology/ FEMALE/ FEVER, etiology/ HEADACHE, etiology/ HEPARIN, therapeutic use/ HUMAN/ NEUROLOGIC MANIFESTATIONS/ PREGNANCY/ *PREGNANCY COMPLICATIONS, INFECTIOUS/ SPLENOMEGALY, etiology/ SULFONES, therapeutic use/ *TYPHOID, complications/ TYPHOID, diagnosis/ TYPHOID, drug therapy/ URINARY TRACT INFECTIONS, diagnosis

628. **Bett JH, Castaldi PA, Hale GS, et al:** Australian multicentre trial of streptokinase in acute myocardial infarction. Lancet 1:57-60, 13 Jan 73
ADMINISTRATION, ORAL/ AGE FACTORS/ AGED/ AUSTRALIA/ BETAMETHASONE, administration & dosage/ CLINICAL RESEARCH/ CORONARY CARE UNITS/ ELECTROCARDIOGRAPHY/ FEMALE/ HEPARIN, administration & dosage/ HOSPITALIZATION/ HUMAN/ INJECTIONS, INTRAVENOUS/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, drug therapy/ PROTHROMBIN TIME/ *STREPTOKINASE, therapeutic use/ TIME FACTORS/ WARFARIN, administration & dosage

629. **Bettendorf U:** Morphologische Substrate bei perinatalem Anoxie-Syndrom. Intraalveoläre Massenblutung und hyaline Membranen der Lungen, multiple Magenulzera, bilaterale Nierenrindennekrosen und periventrikuläre Hernerweichungen bei einem Neugeborenen.
Dtsch Med Wochenschr 98:665-9, 20 Mar 73 (Ger)
ANOXIA, complications/ *ANOXIA, pathology/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ENCEPHALOMALACIA, complications/ ENGLISH ABSTRACT/ HEMORRHAGE, complications/ HUMAN/ HYALINE MEMBRANE DISEASE, complications/ HYALINE MEMBRANE DISEASE, pathology/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, complications/ *INFANT, NEWBORN, DISEASES, pathology/ KIDNEY CORTEX NECROSIS, complications/ LUNG DISEASES, complications/ MALE/ STOMACH ULCER, complications

630. **Bettex-Galland M, Probst E, Behnke O:** Complex formation with heavy meromyosin of the isolated actin-like component of thrombosthenin, the contractile protein from blood platelets.
J Mol Biol 68:533-5, 28 Jul 72
*ACTIN/ ADENOSINE TRIPHOSPHATE/ *BLOOD PLATELETS/ CHEMISTRY/ HUMAN/ MEROMYOSINS/ MICROSCOPY, ELECTRON/ *PROTEIN CONFORMATION/ *PROTEINS/ RABBITS

631. **Bettigole RE:** Labelled fibrinogen. A brief review.
J Med (Basel) 4:55-9, 1973
DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *FIBRINOGEN, diagnostic use/ FIBRINOLYSIS/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ KINETICS/ LEG, blood supply/ RADIOISOTOPE SCANNING/ *THROMBOPHLEBITIS, diagnosis

632. **Betz W, Sakmann B:** Effects of proteolytic enzymes on function and structure of frog neuromuscular junctions. J Physiol (Lond) 230:673-88, May 73
ACETYLCHOLINESTERASE, analysis/ ACTION POTENTIALS/ ANIMAL EXPERIMENTS/ BASEMENT MEMBRANE, drug effects/ CHOLINESTERASE, analysis/ *CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ ELECTROPHYSIOLOGY/

FROGS/ IN VITRO/ MICROSCOPY, ELECTRON/ NERVE ENDINGS, drug effects/ NEURAL TRANSMISSION/ NEUROMUSCULAR JUNCTION, cytology/ *NEUROMUSCULAR JUNCTION, drug effects/ NEUROMUSCULAR JUNCTION, enzymology/ *PEPTIDE HYDROLASES, pharmacodynamics/ RANA TEMPORARIA/ SYNAPSES, drug effects/ TIME FACTORS

633. **Beutler E:** Glanzmann's thrombasthenia and reduced glutathione. N Engl J Med 287:1094-5, 23 Nov 72
ADENOSINE DIPHOSPHATE, blood/ BLOOD PLATELET DISORDERS, blood/ BLOOD PLATELET DISORDERS, enzymology/ *BLOOD PLATELET DISORDERS, familial & genetic/ BLOOD PLATELETS, analysis/ GLUTATHIONE/ *GLUTATHIONE, blood/ HEMORRHAGE, blood/ HUMAN/ OXIDATION-REDUCTION/ PEROXIDASES, blood/ PLATELET ADHESIVENESS/ PURPURA, THROMBOPENIC, blood/ PURPURA, THROMBOPENIC, enzymology/ *PURPURA, THROMBOPENIC, familial & genetic/ SYNDROME

634. **Beutler E, Guinto E:** Dihydroxyacetone metabolism by human erythrocytes: demonstration of triokinase activity and its characterization.
Blood 41:559-68, Apr 73
*ACETONE, blood/ *BLOOD PRESERVATION/ BLOOD PROTEINS, analysis/ DENSITOMETRY/ *ERYTHROCYTES, metabolism/ GLYCERALDEHYDE, blood/ GLYCEROLPHOSPHATE DEHYDROGENASE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *PHOSPHOTRANSFERASES, blood/ PHOSPHOTRANSFERASES, isolation & purification

635. **Beutler E, Wood LA:** Preservation of red cell 2,3-DPG and viability in bicarbonate-containing medium: the effect of blood-bag permeability.
J Lab Clin Med 80:723-8, Nov 72
*BICARBONATES/ *BLOOD PRESERVATION/ BUFFERS/ CARBON DIOXIDE/ DIFFUSION/ *ERYTHROCYTES/ ERYTHROCYTES, analysis/ *GLYCERIC ACIDS, blood/ HUMAN/ HYDROGEN-ION CONCENTRATION/ ORGANOPHOSPHORUS COMPOUNDS, blood/ PERMEABILITY/ PLASTICS/ TIME FACTORS

636. **Bevan PG:** The management of lower limb ischaemia.
Ann R Coll Surg Engl 51:103-17, Aug 72
ADULT/ AGED/ AMPUTATION/ ARTERIOSCLEROSIS, complications/ ARTERIOSCLEROSIS, surgery/ ARTERITIS, surgery/ DEXTRAN, therapeutic use/ DIABETES MELLITUS, surgery/ EMBOLISM, surgery/ FEMALE/ FIBRINOLYTIC AGENTS, therapeutic use/ FROSTBITE, therapy/ GANGRENE, etiology/ GANGRENE, surgery/ HUMAN/ INTERMITTENT CLAUDICATION, therapy/ ISCHEMIA, drug therapy/ *ISCHEMIA, therapy/ *LEG, blood supply/ MALE/ MIDDLE AGE/ THROMBOPHLEBITIS, therapy

637. **Bewley TA, Kawauchi H, Li CH:** Comparative studies of the single tryptophan residue in human chorionic somatomammotropin and human pituitary growth hormone. Biochemistry 11:4179-87, 24 Oct 72
ACETATES/ ACETIC ACIDS/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHEMISTRY/ CIRCULAR DICHROISM/ CROP, AVIAN, drug effects/ FLUORESCENCE SPECTROMETRY/ GEL FILTRATION/ *GONADOTROPINS, CHORIONIC/ HUMAN/ NITROBENZENES/ *PLACENTAL LACTOGEN/ PLACENTAL LACTOGEN, antagonists & inhibitors/ PLACENTAL LACTOGEN, pharmacodynamics/ PROTEIN CONFORMATION/ RATS/ *SOMATOTROPIN/ SOMATOTROPIN, pharmacodynamics/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SULFENIC ACIDS/ TIBIA, drug effects/ TRYPSIN/ TRYPTOPHAN

638. **Beyer P, Hasselmann JL, Sam-Amavih H, et al:** Coagulation intra-vasculaire disséminée s'accompagnant de troubles ischémiques des extrémités et de lésions osseuses multiples chez un petit nourrisson atteint de septicémie.
Pediatrie 27:423-32, Jun 72 (Fre)
*BONE DISEASES, etiology/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ EXTREMITIES/ HUMAN/ INFANT, NEWBORN/ ISCHEMIA, etiology/ *KLEBSIELLA INFECTIONS, complications/ MALE/ *SEPTICEMIA, complications

639. **Beynon AD:** Enzymes in enamel maturation.
Proc R Soc Med 65:911-2, Oct 72
ACID PHOSPHATASE, analysis/ *AMELOBLASTS, enzymology/ *AMELOGENESIS/ AMIDOHYDROLASES, analysis/ ANIMAL EXPERIMENTS/ *DENTAL ENAMEL, enzymology/ GLUCURONIDASE, analysis/ HISTOCYTOCHEMISTRY/ KREBS CYCLE/ LYSOSOMES, enzymology/ MICE/ MITOCHONDRIA, enzymology/ MOLAR, enzymology/ PEPTIDE HYDROLASES, analysis

640. **Bezborodke BN, Tereschenko OI:** Koaguliruiushchaia sposobnost' krovi u bolnykh ateroskliozom s mertsatel'noi aritmiei.
Ter Arkh 44:26-9, Sep 72 (Rus)
ADULT/ *ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, complications/ *AURICULAR FIBRILLATION, blood/ AURICULAR FIBRILLATION, complications/ *BLOOD COAGULATION/ CORONARY DISEASE, blood/ CORONARY DISEASE, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE

641. **Bezborod'ko BN, Plotkin RIu:** Gemokoaguliastsiia u bol'nykh mochekamennoi bolezn'iu na razlichnykh etapakh lecheniia.
Urol Nefrol (Mosk) 37:10-2, Sep-Oct 72 (Rus)
ADULT/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *KIDNEY CALCULI, blood/ KIDNEY CALCULI, surgery/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, blood/ TIME FACTORS

642. **Bhandari B, Gupta BM, Agarwal SS:** Giant haemangioendothelioma with purpura (Kasabach-Merrit syndrome). (A case report).
Indian Pediatr 9:718-20, Nov 72
ANEMIA, HEMOLYTIC/ CHILD, PRESCHOOL/ *HEMANGIOMA/ HUMAN/ MALE/ *PURPURA, THROMBOPENIC/ *SKIN NEOPLASMS/ SYNDROME

643. **Bhandari VR, Bachhawat BK:** Biosynthesis of cerebroside sulphate in brain. I. Studies on the nature of the endogenous sulphate acceptor from sheep brain. Indian J Biochem Biophys 9:72-7, Mar 72
ADENOSINE MONOPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY/ CEREBROSIDES, analysis/ *CEREBROSIDES, biosynthesis/ GALACTOSE, biosynthesis/ GEL FILTRATION/ HEAT/ ORGANOPHOSPHORUS COMPOUNDS, metabolism/ SHEEP/ SULFATIDES, biosynthesis/ *SULFURIC ACIDS, metabolism/ TRYPSIN

644. **Bhargava SK:** Gonioscopic appearance after anterior flap sclerotomy. Br J Ophthalmol 56:550-4, Jul 72
ADHESIONS, etiology/ ADHESIONS, pathology/ ANTERIOR CHAMBER, pathology/ CHRONIC DISEASE/ CILIARY BODY, pathology/ CORNEA, pathology/ GLAUCOMA, pathology/ *GLAUCOMA, surgery/ *GONIOSCOPY/ HUMAN/ IRIS, pathology/ LENS, CRYSTALLINE, pathology/ POSTOPERATIVE COMPLICATIONS/ *SCLERA, surgery

645. **Bhargava V, Lothe PS, Gupta SP:** Osteomyelitis of skull in early infancy. (A case report).
Indian Pediatr 9:821-2, Dec 72
BIRTH INJURIES, complications/ CASE REPORT/ HEMATOMA, complications/ HUMAN/ INFANT/ MALE/ *OSTEOMYELITIS, etiology/ *SKULL

646. **Bhaskar SN:** Tissue adhesives in dentistry. A review.
J Can Dent Assoc 38:337-43, Sep 72 (22 ref.)

ANTI-INFECTIVE AGENTS, LOCAL/ CYANOACRYLATES/ HEMOSTATICS/ PERIODONTAL DRESSINGS/ REVIEW/ SURGERY, ORAL/ *TISSUE ADHESIVES

647. **Bhide NK, Gogte ST:** I.U.D. and uterine bleeding.
Br Med J 4:426-7, 18 Nov 72
ADOLESCENCE/ ADULT/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ DOGS/ FEMALE/ HUMAN/ *INTRAUTERINE DEVICES, adverse effects/ MIDDLE AGE/ PLASTICS, pharmacodynamics/ SOLUBILITY/ *UTERINE HEMORRHAGE, etiology

648. **Bhoola KD, Dorey G:** Age related increase and androgen dependence of enzymes in the mouse submaxillary gland.
J Physiol (Lond) 225:26P-27P, Sep 72
AGE FACTORS/ AMYLASE, metabolism/ ANIMAL EXPERIMENTS/ CASTRATION/ FEMALE/ KALLIKREIN, metabolism/ MALE/ MICE/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ SEX FACTORS/ *SUBMANDIBULAR GLAND, enzymology/ *TESTOSTERONE, pharmacodynamics

649. **Bhoopathi B, Ostapowicz F, Bazley W:** Acute promyelocytic leukemia in pregnancy.
Obstet Gynecol 41:275-8, Feb 73
ACUTE DISEASE/ ADULT/ AFIBRINOGENEMIA, complications/ BLOOD CELL COUNT/ *BLOOD COAGULATION DISORDERS, complications/ BLOOD TRANSFUSION/ BONE MARROW EXAMINATION/ CYTARABINE, administration & dosage/ CYTARABINE, therapeutic use/ ECCHYMOSIS, etiology/ ESTROGENIC SUBSTANCES, CONJUGATED, therapeutic use/ FACTOR V DEFICIENCY, complications/ FEMALE/ HUMAN/ *LEUKEMIA, MYELOCYTIC, complications/ LEUKEMIA, MYELOCYTIC, drug therapy/ LEUKOCYTE COUNT/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PROTHROMBIN TIME/ REMISSION/ THIOGUANINE, administration & dosage/ THIOGUANINE, therapeutic use/ UTERINE HEMORRHAGE, drug therapy/ UTERINE HEMORRHAGE, etiology

650. **Bianchi Donaire PM:** Aorto-iliac endarterectomy. Considerations and technique.
J Cardiovasc Surg (Torino) 13:449-53, Sep-Oct 72
AORTA, ABDOMINAL/ *AORTIC DISEASES, surgery/ *ARTERIAL OCCLUSIVE DISEASES, surgery/ ENDARTERECTOMY/ HEMOSTASIS/ HUMAN/ *ILIAC ARTERY, surgery/ METHODS/ POSTOPERATIVE COMPLICATIONS/ THROMBOSIS, prevention & control

651. **Biasi G, Sala A, Biglioli P:** La linfografia nelle angiodisplasie degli arti.
Minerva Chir 28:918-25, 1973 (Ita)
ADOLESCENCE/ ADULT/ ANGIOGRAPHY/ *ANGIOMATOSIS, complications/ *BLOOD VESSELS, abnormalities/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ EXTREMITIES/ FEMALE/ HAND, blood supply/ HUMAN/ INFANT, NEWBORN/ LEG, blood supply/ *LYMPHATIC DISEASES, complications/ *LYMPHOGRAPHY/ MALE/ MIDDLE AGE/ *VASCULAR DISEASES, complications

652. **Bibighaus CL, De Villez EJ, Allenspach AL:** Histochemical localization of production and secretion of trypsin in the earthworm Lumbricus terrestris. Z Zellforsch Mikrosk Anat 130:429-39, 1972
AMIDES/ ANILIDES/ ANIMAL EXPERIMENTS/ ARGININE/ AZO COMPOUNDS/ *EARTHWORMS/ ELECTROPHORESIS, DISK/ EPITHELIUM, cytology/ EPITHELIUM, enzymology/ EPITHELIUM, secretion/ ESOPHAGUS, analysis/ HISTOCYTOCHEMISTRY/ INTESTINES, analysis/ NAPHTHALENES/ PHARYNX, analysis/ PHARYNX, cytology/ *PHARYNX, enzymology/ STOMACH, analysis/ TRYPSIN, analysis/ TRYPSIN, biosynthesis/ *TRYPSIN, metabolism/ TRYPSIN, secretion/ TRYPSIN INHIBITORS

653. **Bichoński R, Pawelek J:** Właściwości elektrokapilarne krwi u dzieci upośledzonych umysłowo.
Folia Med Cracov 15:137-43, 1973 (Pol)
ADOLESCENCE/ BLOOD VISCOSITY/ CAPILLARITY/ CHILD/ CHILD, PRESCHOOL/ ELECTRIC CONDUCTIVITY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ *MENTAL RETARDATION, blood/ SURFACE PROPERTIES/ SURFACE TENSION

654. **Biedź-Bielawski D:** Toksyczne działanie dużych dawek witaminy K 3 i B 2 na myszy.
Patol Pol 24:163-70, Jan-Mar 73 (Pol)
ANIMAL EXPERIMENTS/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ HYPOTHERMIA, chemically induced/ MALE/ MICE/ RIBOFLAVIN, administration & dosage/ *RIBOFLAVIN, toxicity/ TIME FACTORS/ VITAMIN K, administration & dosage/ *VITAMIN K, toxicity

655. **Bieger R, Loeliger EA:** Zijn er indicaties voor het geven van thrombolytica.
Ned Tijdschr Geneeskd 116:2042-6, 4 Nov 72 (Dut)
*DRUG THERAPY, standards/ ENGLISH ABSTRACT/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ *MYOCARDIAL INFARCT, drug therapy/ PULMONARY EMBOLISM, drug therapy/ *THROMBOPHLEBITIS, drug therapy

656. **Bielawiec M, Derewońko S, Myśliwiec M:** Wpływ salicylanów na agregację krwinek płytkowych.
Pol Tyg Lek 28:779-81, 20 May 73 (Pol)
ADULT/ AGED/ ARTERIOSCLEROSIS, drug therapy/ BLOOD PLATELETS, drug effects/ ENGLISH ABSTRACT/ INJECTIONS, INTRAVENOUS/ MIDDLE AGE/ *PLATELET ADHESIVENESS, drug effects/ SALICYLATES, administration & dosage/ *SALICYLATES, pharmacodynamics/ SALICYLATES, therapeutic use/ SODIUM, therapeutic use

657. **Bielenstein E:** Die UV-Bestrahlung von Blut in Sauerstoffatmosphäre (H.O.T. nach Wehrli) unter Berücksichtigung der Verfahren der Oxygenierung und der UV-Bestrahlung von Blut (Literaturübersicht). 3. UV-Bestrahlung von Blut in Sauerstoffatmosphäre.
Z Aerztl Fortbild (Jena) 66:711-6, 15 Jul 72 (43 ref.) (Ger)
ADULT/ AGED/ BLOOD, drug effects/ *BLOOD, radiation effects/ BLOOD CELLS/ BLOOD CHEMICAL ANALYSIS/ BLOOD COAGULATION/ *BLOOD TRANSFUSION, AUTOLOGOUS/ CARDIOVASCULAR DISEASES, therapy/ ENZYMES, blood/ EQUIPMENT AND SUPPLIES/ HUMAN/ METABOLIC DISEASES, therapy/ METHODS/ MIDDLE AGE/ MODELS, THEORETICAL/ *OXYGEN, pharmacodynamics/ OXYGEN, therapeutic use/ RADIATION EFFECTS/ REVIEW/ ULTRAVIOLET THERAPY

658. **Bielenstein E:** Die Uv-Bestrahlung von Blut in Sauerstoffatmosphäre (H.O.T. nach Wehrli) unter Berücksichtigung der Verfahren der Oxygenierung und der UV-Bestrahlung von Blut (Literaturübersicht). II. UV-Bestrahlung von Blut
Z Aerztl Fortbild (Jena) 66:663-7, 1 Jul 72 (Ger)
ABSORPTION/ ANTIGENS/ *BLOOD, radiation effects/ BLOOD COAGULATION FACTORS/ BLOOD FLOW VELOCITY/ BLOOD PROTEINS, analysis/ BLOOD SEDIMENTATION/ HUMAN/ LEUKOCYTE COUNT/ LYMPHOCYTES/ OXYGEN/ OXYGEN, blood/ PHAGOCYTOSIS/ RADIATION EFFECTS/ *ULTRAVIOLET RAYS/ VEINS

659. **Bielorai R, Tamir M, Alumot E, et al:** Digestion and absorption of protein along the intestinal tract of chicks fed raw and heated soybean meal.
J Nutr 103:1291-8, Sep 73
ANIMAL EXPERIMENTS/ ANIMAL NUTRITION/ BODY WEIGHT/ CHICKENS/

*DIETARY PROTEINS/ DIETARY PROTEINS, administration & dosage/ DIETARY PROTEINS, metabolism/ DUODENUM, metabolism/ HEAT/ ILEUM, metabolism/ INTESTINAL ABSORPTION/ INTESTINE, SMALL, enzymology/ *INTESTINE, SMALL, metabolism/ INTESTINE, SMALL, physiology/ JEJUNUM, metabolism/ MALE/ NITROGEN, metabolism/ NITROGEN, secretion/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, metabolism/ *PROTEINS, metabolism/ *SOY BEANS/ YTTRIUM ISOTOPES

660. **Bielski J, Stengert K:** Zaburzenia drzepnięcia drwi w doświadczalnym zespole defibrynacji z towarzyszącym wsterząsem endotoksycznym.
Acta Haematol Pol 3:45-52, Jan-Mar 72 (Pol)
ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ BLOOD VESSELS, drug effects/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ DOGS/ ENDOTOXINS, administration & dosage/ ENDOTOXINS, adverse effects/ ENGLISH ABSTRACT/ ESCHERICHIA COLI/ LIVER, pathology/ PROTHROMBIN TIME/ *SHOCK, ENDOTOXIC, complications/ SHOCK, ENDOTOXIC, etiology/ SYNDROME/ THROMBELASTOGRAPHY

661. **Bienengräber A, Putzke HP:** Effect of antiamylase serum and antitrypsin serum on the secretion of the rat exocrine pancreas. Exp Pathol (Jena) 7:335-6, 1972
*AMYLASE, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ ANTIBODY SPECIFICITY/ ANTIGEN-ANTIBODY REACTIONS/ *IMMUNE SERUMS, pharmacodynamics/ INJECTIONS, INTRAMUSCULAR/ *PANCREAS, drug effects/ PANCREAS, immunology/ PANCREAS, pathology/ PANCREAS, secretion/ RATS/ *TRYPSIN INHIBITORS

662. **Bier M, Zukoski CF, Merriman WG, et al:** Rapid extracorporeal complement inactivations.
Trans Am Soc Artif Intern Organs 19:130-7, 1973
ANIMAL EXPERIMENTS/ ARTERIOVENOUS SHUNT, SURGICAL, adverse effects/ BLOOD FLOW VELOCITY/ CAROTID ARTERIES, surgery/ CENTRIFUGATION, instrumentation/ CEREBRAL HEMORRHAGE, chemically induced/ COMPLEMENT, analysis/ *COMPLEMENT, antagonists & inhibitors/ DOGS/ *EXTRACORPOREAL CIRCULATION/ HEMATOCRIT/ HEMATOMA, etiology/ HEPARIN, administration & dosage/ JUGULAR VEIN, surgery/ METHODS/ OXIDATION-REDUCTION/ PLASMA/ PLASMA VOLUME/ SODIUM HYPOCHLORITE, blood/ SODIUM HYPOCHLORITE, pharmacodynamics/ SODIUM HYPOCHLORITE, toxicity/ TIME FACTORS

663. **Bierman EL:** Hypertriglyceridemia in early diabetes.
Adv Metab Disord 2:Suppl 2:67-72, 1973
ARTERIOSCLEROSIS, etiology/ BLOOD SUGAR/ CHYLOMICRONS, metabolism/ *DIABETES MELLITUS, complications/ HEPARIN, diagnostic use/ HUMAN/ *HYPERLIPEMIA, complications/ HYPERLIPEMIA, diagnosis/ INSULIN, blood/ OBESITY, etiology/ OBESITY, metabolism/ TRIGLYCERIDES, blood/ *TRIGLYCERIDES, metabolism

664. **Bierther M, Streit W, Wessinghage D:** Feinstrukturelle Veränderungen der Synovialis bei Arthropathia psoriatica.
Z Rheumaforsch 32:202-11, May-Jun 73 (Ger)
ADULT/ *ARTHRITIS, pathology/ CAPILLARIES, pathology/ ENDOTHELIUM/ ENGLISH ABSTRACT/ FEMALE/ FIBRIN/ FIBROBLASTS/ HISTIOCYTES/ HUMAN/ MALE/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ PLASMA CELLS/ *PSORIASIS, pathology/ SYNOVIAL MEMBRANE, blood supply/ SYNOVIAL MEMBRANE, pathology

665. **Bigazzi M, DeGroot LJ:** Redistribution of iodoprotein, acid phosphatase, and acid protease in thyroid subcellular fractions during endocytosis.
Endocrinology 92:1761-7, Jun 73
*ACID PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ ENDOCYTOSIS/ IODINE ISOTOPES/ *IODOPROTEINS, metabolism/ LYSOSOMES, enzymology/ MALE/ *PEPTIDE HYDROLASES, metabolism/ PRECIPITATION/ RATS/ SUBCELLULAR FRACTIONS, enzymology/ *SUBCELLULAR FRACTIONS, metabolism/ SURFACE-ACTIVE AGENTS/ THYROID GLAND, cytology/ THYROID GLAND, enzymology/ *THYROID GLAND, metabolism/ *THYROTROPIN, pharmacodynamics/ TRICHLOROACETIC ACID

666. **Biggs R, Austen DE, Denson KW, et al:** The mode of action of antibodies which destroy factor VIII. I. Antibodies which have second-order concentration graphs. Br J Haematol 23:125-35, Aug 72
*ANTIBODIES/ ANTIGEN-ANTIBODY REACTIONS/ *FACTOR VIII/ HEMOPHILIA, immunology/ HUMAN/ KINETICS/ MATHEMATICS/ MODELS, BIOLOGICAL/ NEUTRALIZATION TESTS/ TIME FACTORS

667. **Biggs R, Austen DE, Denson KW, et al:** The mode of action of antibodies which destroy factor VIII. II. Antibodies which give complex concentration graphs.
Br J Haematol 23:137-55, Aug 72
*ANTIBODIES/ ANTIGEN-ANTIBODY COMPLEX/ ANTIGEN-ANTIBODY REACTIONS/ *FACTOR VIII/ HEMOPHILIA, immunology/ HUMAN/ KINETICS/ NEUTRALIZATION TESTS/ TIME FACTORS

668. **Biland L, Duckert F:** Gerinnungsverhältnisse bei Mutter und Neugeborenem.
Schweiz Med Wochenschr 102:1611-2, 4 Nov 72 (Ger)
ANTITHROMBIN, analysis/ *BLOOD COAGULATION/ BLOOD COAGULATION FACTORS, analysis/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, analysis/ HUMAN/ INFANT, NEWBORN/ *MATERNAL-FETAL EXCHANGE/ PLASMINOGEN, analysis/ PREGNANCY/ PUERPERIUM

669. **Bilezikian JP, Aurbach GD:** A beta-adrenergic receptor of the turkey erythrocyte. II. Characterization and solubilization of the receptor.
J Biol Chem 248:5584-9, 25 Aug 73
ADENYL CYCLASE/ ANIMAL EXPERIMENTS/ CATECHOL, metabolism/ CELL MEMBRANE, enzymology/ CELL MEMBRANE, metabolism/ DETERGENTS/ *ERYTHROCYTES/ ERYTHROCYTES, enzymology/ ERYTHROCYTES, metabolism/ HEAT/ ISOPROTERENOL, metabolism/ PHOSPHOLIPASE/ PRONASE/ *RECEPTORS, ADRENERGIC/ RECEPTORS, ADRENERGIC, drug effects/ SALTS/ SODIUM DODECYL SULFATE/ SOLUBILITY/ STRUCTURE-ACTIVITY RELATIONSHIP/ SURFACE-ACTIVE AGENTS/ TRITIUM/ TRYPSIN/ TURKEYS/ UREA

670. **Billardon C, Nguyen-Van-Cong, Picard JY, et al:** Linkage studies of enzyme markers in man-mouse somatic cell hybrids. Ann Hum Genet 36:273-84, Jan 73
BLOOD PROTEIN ELECTROPHORESIS/ CELL LINE/ CHROMOSOME ABERRATIONS/ CLONE CELLS, enzymology/ *ENZYMES/ FEMALE/ FIBROBLASTS, enzymology/ GENETICS, HUMAN/ GENOTYPE/ HETEROZYGOTE/ HUMAN/ HYBRIDIZATION/ LACTATE DEHYDROGENASE/ LEUKOCYTES, enzymology/ *LINKAGE (GENETICS)/ MALE/ MICE/ PEPTIDE HYDROLASES/ PHENOTYPE/ PHOSPHOGLUCOMUTASE/ PHOSPHOGLYCERATE KINASE/ SEX CHROMOSOMES

671. **Binder SC, Wolfe HJ, Deterling RA Jr:** Intra-abdominal hemangiopericytoma. Report of four cases and review of the literature. Arch Surg 107:536-43, Oct 73
*ABDOMINAL NEOPLASMS/ ABDOMINAL NEOPLASMS, pathology/ ABDOMINAL NEOPLASMS, radiography/ ABDOMINAL

NEOPLASMS, surgery/ ADULT/ AGED/ BONE NEOPLASMS/ DUODENAL NEOPLASMS, surgery/ *HEMANGIOPERICYTOMA/ HEMANGIOPERICYTOMA, pathology/ HUMAN/ INTESTINAL NEOPLASMS, surgery/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ PANCREATECTOMY/ RETROPERITONEAL NEOPLASMS, pathology/ RETROPERITONEAL NEOPLASMS, radiography/ RETROPERITONEAL NEOPLASMS, surgery

672. **Binette JP, Montes M, Lee JC:** Electron microscopy of muscle biopsies in two cases of meningococcemia. J Med (Basel) 3:88-96, 1972
ADOLESCENCE/ ADULT/ BIOPSY/ CAPILLARIES, pathology/ CELLULAR INCLUSIONS/ CYTOPLASM/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ FEMALE/ *HEMATOLOGIC DISEASES, pathology/ HUMAN/ HYALIN SUBSTANCE/ LEG, pathology/ MALE/ MENINGOCOCCAL INFECTIONS, complications/ *MENINGOCOCCAL INFECTIONS, pathology/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, MUSCLE/ *MUSCLES, pathology/ MUSCULAR DISEASES, complications/ MUSCULAR DISEASES, pathology/ MYOFIBRILS/ NECROSIS, pathology/ PURPURA, complications/ SARCOLEMMA

673. **Bing DH, Mernitz JL, Spurlock SE:** Inactivation of the first component of human complement by m-(o-(2-chloro-5-fluorosulfonylphenylureido)-phenoxybutoxy)benzamidine. Biochemistry 11:4263-8, 7 Nov 72
*AMIDINES/ BINDING SITES, ANTIBODY/ BLOOD PROTEINS/ CALCIUM/ CHROMATOGRAPHY, AFFINITY/ CHYMOTRYPSIN, antagonists & inhibitors/ *COMPLEMENT, antagonists & inhibitors/ COMPLEMENT FIXATION TESTS/ ETHERS/ GUINEA PIGS/ HUMAN/ ISOFLUROPHATE/ KINETICS/ MAGNESIUM/ MATHEMATICS/ PROTEIN BINDING/ RABBITS/ SHEEP, immunology/ SULFONES/ TIME FACTORS/ TRYPSIN INHIBITORS/ UREA

674. **Bingel AS, Benoit PS:** Oral contraceptives: therapeutics versus adverse reactions, with an outlook for the future I. J Pharm Sci 62:179-200, Feb 73 (162 ref.)
ADULT/ BLOOD COAGULATION, drug effects/ CANADA/ CHEMISTRY/ *CONTRACEPTIVES, ORAL/ CONTRACEPTIVES, ORAL, administration & dosage/ CONTRACEPTIVES, ORAL, adverse effects/ CONTRACEPTIVES, ORAL, pharmacodynamics/ CONTRACEPTIVES, ORAL, therapeutic use/ DRUG COMBINATIONS/ ESTROGENS/ FEMALE/ FIBRINOLYSIS, drug effects/ FSH, secretion/ GREAT BRITAIN/ HUMAN/ LH, secretion/ MENSTRUATION, drug effects/ PROGESTATIONAL HORMONES/ REVIEW/ STEROIDS/ THROMBOEMBOLISM, chemically induced/ THROMBOEMBOLISM, mortality/ THROMBOEMBOLISM, occurrence/ THROMBOPHLEBITIS, chemically induced/ UNITED STATES

675. **Bingham WG Jr:** Hydrolytic enzyme activity in edematous brain adjacent to malignant neoplasia. Prog Exp Tumor Res 17:318-27, 1972
ALKALINE PHOSPHATASE, metabolism/ ASTROCYTOMA, enzymology/ *BRAIN EDEMA, enzymology/ BRAIN EDEMA, etiology/ BRAIN NEOPLASMS, cerebrospinal fluid/ BRAIN NEOPLASMS, complications/ *BRAIN NEOPLASMS, enzymology/ CATHEPSIN, metabolism/ GLIOBLASTOMA MULTIFORME, enzymology/ GLUCURONIDASE, metabolism/ HUMAN/ *HYDROLASES, metabolism/ *LYSOSOMES, enzymology/ PEPTIDE HYDROLASES, metabolism/ PHOSPHATASES, metabolism

676. **Björck G:** Early diagnosis of coronary heart disease--what is it good for? Adv Cardiol 8:25-37, 1973
AGED/ ANGINA PECTORIS, diagnosis/ *CORONARY DISEASE, diagnosis/ CORONARY DISEASE, etiology/ CORONARY DISEASE, mortality/ DEATH, SUDDEN/ DIET, ATHEROGENIC/ ENVIRONMENT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PROGNOSIS/ SEX FACTORS/ SMOKING, complications/ STRESS, PSYCHOLOGICAL/ SWEDEN

677. **Birchmeier W, Glatthaar BE, Winterhalter KH, et al:** The thiol groups of human hemoglobin carrying heme only on the -chains. Eur J Biochem 28:533-7, 4 Aug 72
ACETAMIDES/ AMINO ACIDS, analysis/ AUTOANALYSIS/ BINDING SITES/ CHEMISTRY/ CYSTEINE, analysis/ *HEME/ HEMOGLOBINS, ABNORMAL/ *HEMOGLOBINS, ABNORMAL/ HUMAN/ IODOACETATES/ KINETICS/ MACROMOLECULAR SYSTEMS/ MERCURIBENZOATES/ PROTEIN CONFORMATION/ STRUCTURE-ACTIVITY RELATIONSHIP/ *SULFHYDRYL COMPOUNDS/ TRYPSIN

678. **Birchmeier W, Wilson KJ, Christen P:** Syncatalytic modification of cytoplasmic aspartate aminotransferase: identification of a peptide containing the modified cysteinyl residue. FEBS Lett 26:113-6, 1 Oct 72
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ *ASPARTATE AMINOTRANSFERASE/ ASPARTATE AMINOTRANSFERASE, analysis/ BENZOATES/ CARBON ISOTOPES/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CYANIDES/ CYANOGEN BROMIDE/ CYSTEINE/ CYTOPLASM, enzymology/ ETHYLMALEIMIDE/ GEL FILTRATION/ MACROMOLECULAR SYSTEMS/ MYOCARDIUM, cytology/ MYOCARDIUM, enzymology/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ SULFHYDRYL COMPOUNDS, analysis/ SULFIDES/ SWINE/ TRYPSIN

679. **Bird GW, Wingham J:** Seed agglutinin for rapid identification of Tn-polyagglutination. Lancet 1:677, 24 Mar 73
ANEMIA, HEMOLYTIC, immunology/ BLOOD GROUPS/ BLOOD PLATELET DISORDERS, immunology/ *HEMAGGLUTINATION TESTS/ HUMAN/ LEUKOPENIA, immunology/ *PLANT AGGLUTININS

680. **Birktoft JJ, Blow DM:** Structure of crystalline -chymotrypsin. V. The atomic structure of tosyl-chymotrypsin at 2 A resolution. J Mol Biol 68:187-240, 21 Jul 72
AMINO ACID SEQUENCE/ *CHYMOTRYPSIN/ CRYSTALLOGRAPHY/ CYSTINE/ HYDROGEN/ MODELS, STRUCTURAL/ POLYMERS/ PROTEIN BINDING/ *PROTEIN CONFORMATION/ STRUCTURE-ACTIVITY RELATIONSHIP/ TOSYL COMPOUNDS/ TYROSINE/ WATER

681. **Birn H:** Antifibrinolytic effect of Apernyl in "dr socket". Int J Oral Surg 1:190-4, 1972
ADULT/ ALVEOLAR PROCESS, drug effects/ *ANTIFIBRINOLYTIC AGENTS/ ASPIRIN, pharmacodynamics/ *ASPIRIN, therapeutic use/ BENZOATES, pharmacodynamics/ *BENZOATES, therapeutic use/ DEPRESSION, CHEMICAL/ *DRY SOCKET, drug therapy/ FIBRINOLYSIS, drug effects/ HUMAN/ MIDDLE AGE

682. **Birn H:** Kinines and pain in "dry socket". Int J Oral Surg 1:34-42, 1972
*DRY SOCKET, metabolism/ FIBRINOLYSIS/ HUMAN/ IN VITRO/ KININS, analysis/ *KININS, metabolism/ KININS, pharmacodynamics/ UTERUS, drug effects

683. **Birn H, Myhre-Jensen O:** Cellular fibrinolytic activity human alveolar bone. Int J Oral Surg 1:121-5, 19
ADULT/ *ALVEOLAR PROCESS, metabolism/ ALVEOLAR PROCESS, pathology/ BIOPSY/ BONE MARROW CELLS, metabolism/ CONNECTIVE TISSUE CELLS, metabolism/

FIBRIN FOAM/ *FIBRINOLYSIS/ HUMAN/ MANDIBLE/ MIDDLE AGE

684. **Birnbaum D, Eiseman B:** Laboratory evaluation of a new silicone membrane oxygenator.
J Thorac Cardiovasc Surg 64:441-51, Sep 72
ANESTHESIA/ ANIMAL EXPERIMENTS/ ANOXIA, metabolism/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CARBON DIOXIDE, blood/ CENTRAL VENOUS PRESSURE/ DOGS/ EXTRACORPOREAL CIRCULATION/ *HEART, MECHANICAL/ HEMATOCRIT/ HEMOGLOBIN, analysis/ INTUBATION, INTRATRACHEAL/ MEMBRANES, ARTIFICIAL/ OXYGEN, blood/ OXYGENATORS, MEMBRANE/ PARTIAL PRESSURE/ SILICONES

685. **Bischel MD, Gans DS, Barbour BH:** Bilateral nephrectomy for hypertension.
Ann Intern Med 77:658-8, Oct 72
ADULT/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ HEMODIALYSIS/ HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, RENAL, drug therapy/ *HYPERTENSION, RENAL, surgery/ MALE/ *NEPHRECTOMY/ PERITONEAL DIALYSIS

686. **Bischel MD, Neiman RS, Berne TV, et al:** Hypersplenism in the uremic hemodialyzed patient. The effect of splenectomy--effect on transplantation and proposed mechanisms. Nephron 9:146-61, 1973
ADULT/ ANEMIA, etiology/ BLOOD TRANSFUSION/ FEMALE/ *HEMODIALYSIS/ HEMOSIDEROSIS, pathology/ HEPATITIS, complications/ HUMAN/ HYPERPLASIA, etiology/ HYPERPLASIA, pathology/ *HYPERSPLENISM, etiology/ HYPERSPLENISM, pathology/ IMMUNOGLOBULINS, analysis/ IRON, blood/ *KIDNEY, transplantation/ LEUKOPENIA, etiology/ MALE/ MIDDLE AGE/ SPLEEN, pathology/ *SPLENECTOMY/ SPLENIC DISEASES, etiology/ THROMBOPENIA, etiology/ TRANSPLANTATION, HOMOLOGOUS/ *UREMIA, therapy

687. **Bischel MD, Orrell FL, Scoles BG, et al:** Effects of microemboli blood filtration during hemodialysis.
Trans Am Soc Artif Intern Organs 19:492-7, 1973
ARTERIOVENOUS SHUNT, SURGICAL/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD FLOW VELOCITY/ BLOOD PLATELETS/ BLOOD PRESSURE/ CARBON DIOXIDE, blood/ *EMBOLISM, prevention & control/ *FILTRATION, instrumentation/ *HEMODIALYSIS/ HEMOGLOBIN, analysis/ HEPARIN, administration & dosage/ HUMAN/ HYDROGEN-ION CONCENTRATION/ OXYGEN, blood/ PARTICLE SIZE/ POLYETHYLENE TEREPHTHALATE/ POLYMERS/ POLYURETHANES/ TEXTILES

688. **Biswas KK:** Why not Pfannenstiel's incision?
Obstet Gynecol 41:303-7, Feb 73
*ABDOMEN, surgery/ CESAREAN SECTION/ COMPARATIVE STUDY/ EVALUATION STUDIES/ FEMALE/ GREAT BRITAIN/ GYNECOLOGIC DISEASES, surgery/ HEMATOMA, occurrence/ HERNIA, occurrence/ HUMAN/ METHODS/ *POSTOPERATIVE COMPLICATIONS/ PREGNANCY/ PULMONARY EMBOLISM, occurrence/ SURGICAL WOUND DEHISCENCE, occurrence/ SURGICAL WOUND INFECTION, occurrence

689. **Bitar KG, Vinogradov SN, Nolan C, et al:** The primary structure of cytochrome c from the rust fungus Ustilago sphaerogena. Biochem J 129:561-9, Sep 72
AMINO ACID SEQUENCE/ *BASIDIOMYCETES, enzymology/ CHROMATOGRAPHY, THIN LAYER/ CHYMOTRYPSIN/ *CYTOCHROME C, analysis/ PEPTIDES, analysis/ SPECIES SPECIFICITY/ TRYPSIN

690. **Bitensky MW, Gorman RE:** Cellular responses to cyclic AMP. Prog Biophys Mol Biol 26:409-61, 1973 (359 ref.)
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ ADENYL CYCLASE/ ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ BLOOD PLATELETS, enzymology/ CALCIUM, blood/ CELL MEMBRANE/ CHEMOTAXIS/ GENETICS, MICROBIAL/ GLUCAGON/ INSULIN/ LEUKOCYTES/ LYSOGENY/ MUSCLES, enzymology/ NEURAL TRANSMISSION/ PHOSPHODIESTERASES/ PROSTAGLANDINS/ PROTEIN KINASE/ RECEPTORS, HORMONE/ RETINAL PIGMENTS/ REVIEW/ RODS AND CONES, enzymology/ SALIVARY GLANDS, enzymology/ SYNAPSES/ THYROTROPIN RELEASING FACTOR/ VASOPRESSIN/ WATER-ELECTROLYTE BALANCE

691. **Bithell TC, Parekh SJ, Strong RR:** Platelet-function studies in the Bernard-Soulier syndrome.
Ann NY Acad Sci 201:145-60, 27 Oct 72
ADENOSINE DIPHOSPHATE/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELET DISORDERS, complications/ *BLOOD PLATELET DISORDERS, familial & genetic/ BLOOD PLATELETS/ COLLAGEN/ CONSANGUINITY/ EPINEPHRINE/ EPISTAXIS, etiology/ FEMALE/ *FIBRINOGEN, pharmacodynamics/ HUMAN/ INDIA/ MALE/ MENORRHAGIA, etiology/ PEDIGREE/ *PLATELET ADHESIVENESS, drug effects/ PROTHROMBIN TIME/ *PURPURA, THROMBOPENIC, familial & genetic/ SPLENECTOMY/ SYNDROME/ THROMBIN/ UNITED STATES

692. **Bizhan UI:** Thrombélastograficheskie i biokhimicheskie pokazateli krovi materi i ploda vo vremia rodov, oslozhnivshikhsia vnutriutrobnoĭ asfiksieĭ ploda.
Akush Ginekol (Mosk) 47:19-23, Oct 71 (Rus)
*ASPHYXIA NEONATORUM, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT, NEWBORN/ *LABOR COMPLICATIONS, blood/ PREGNANCY/ *THROMBELASTOGRAPHY

693. **Bizhan UI, Zakharova NI, Isakova MS:** Rol' ggeparina v reguliatsii platsentarnogo krovoobrrashchenila.
Vopr Okhr Materin Det 17:52-6, Jun 72 (Rus)
*ANOXIA, metabolism/ ENGLISH ABSTRACT/ FEMALE/ *FETAL DISEASES, metabolism/ HEPARIN, metabolism/ *HEPARIN, physiology/ HUMAN/ INFANT, NEWBORN/ *MATERNAL-FETAL EXCHANGE/ *PLACENTA/ PLACENTA, blood supply/ PLACENTA DISORDERS, metabolism/ PREGNANCY/ *PREGNANCY COMPLICATIONS, metabolism/ UMBILICAL ARTERIES/ UMBILICAL VEINS

694. **Bizzozero S, Kaiser AW, Dutler H:** A numerical method for acquisition and processing of steady-state kinetic data contained in an entire progression curve. Application to the study of -chymotrypsin-catalyzed hydrolysis. Eur J Biochem 33:292-300, 1 Mar 73
ACETIC ACIDS/ ACYLATION/ ALCOHOL, METHYL/ *AUTOMATIC DATA PROCESSING/ *CHYMOTRYPSIN/ COMPUTERS, DIGITAL/ ESTERS/ HYDROLYSIS/ *KINETICS/ MATHEMATICS/ METHODS/ PHENYLALANINE

695. **Björk L:** Heparin coating of catheters against thromboembolism in percutaneous catheterization for angiography.
Acta Radiol [Diagn] (Stockh) 12:576-8, Sep 72
ANGIOCARDIOGRAPHY/ *ANGIOGRAPHY/ AORTOGRAPHY/ *CATHETERIZATION/ *HEPARIN/ HUMAN/ METHODS/ *THROMBOEMBOLISM, prevention & control

696. **Björk VO, Böök K:** Surgical treatment of systemic atrioventricular valve insufficiency in corrected transposition.
Scand J Thorac Cardiovasc Surg 7:21-4, 1973
ADULT/ ANTICOAGULANTS, therapeutic use/ AUTOPSY/ CARDIAC VOLUME/ CHILD/ CHILD, PRESCHOOL/ ELECTROCARDIOGRAPHY/ FEMALE/ HEART ATRIUM, surgery/ HEART AUSCULTATION/

HEART CATHETERIZATION/ HEART DEFECTS, CONGENITAL/ HEART SEPTAL DEFECTS, surgery/ *HEART VALVE DISEASES, surgery/ *HEART VALVE PROSTHESIS/ HEART VENTRICLE, surgery/ HUMAN/ MALE/ METHODS/ MYOCARDIUM, pathology/ POSTOPERATIVE COMPLICATIONS/ *TRANSPOSITION OF GREAT VESSELS

697. **Björk VO, Henze A:** Encapsulation of the Björk-Shiley aortic disc valve prosthesis caused by the lack of anticoagulant treatment.
Scand J Thorac Cardiovasc Surg 7:17-20, 1973
ANGINA PECTORIS, etiology/ *ANTICOAGULANTS, therapeutic use/ *AORTIC VALVE/ APHASIA, etiology/ BLOOD CELL COUNT/ CINERADIOGRAPHY/ DYSPNEA, etiology/ FEMALE/ FOREIGN BODY REACTION/ HEART AUSCULTATION/ HEART CATHETERIZATION/ *HEART VALVE PROSTHESIS, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ MIDDLE AGE/ PARESIS, etiology/ PHONOCARDIOGRAPHY/ POSTOPERATIVE COMPLICATIONS/ *THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, prevention & control/ *THROMBOSIS, etiology/ THROMBOSIS, prevention & control

698. **Björlin G, Nilsson IM:** Tooth extractions in hemophiliacs after administration of a single dose of factor VIII or factor IX concentrate supplemented with AMCA. Oral Surg 36:482-9, Oct 73
*FACTOR VIII, therapeutic use/ *FACTOR XI, therapeutic use/ *HEMOPHILIA/ *HEMORRHAGE, ORAL, prevention & control/ HUMAN/ *TOOTH EXTRACTION/ VON WILLEBRAND'S DISEASE

699. **Björlin G, Nilsson IM:** Oralkirurgiska ingrepp på patienter med koagulopatier. 3.
Sven Tandlak Tidskr 65:411-21, Aug 72 (Swe)
ADOLESCENCE/ ADULT/ AMINOCAPROIC ACID, administration & dosage/ AMINOCAPROIC ACID, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ CHRISTMAS DISEASE, complications/ ENGLISH ABSTRACT/ FACTOR VIII, therapeutic use/ FACTOR IX, therapeutic use/ *HEMOPHILIA, complications/ *HEMORRHAGE, ORAL, prevention & control/ HUMAN/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *SURGERY, ORAL/ TOOTH EXTRACTION/ VON WILLEBRAND'S DISEASE, complications

700. **Björlin G, Pandolfi M, Astedt B:** Release of fibrinolytic activators from human tumours cultured in vitro.
Experientia 28:833-4, 15 Jul 72
ADENOMA, metabolism/ CARCINOMA, metabolism/ CULTURE MEDIA/ CYCLOHEXANECARBOXYLIC ACIDS, pharmacodynamics/ *FIBRIN, metabolism/ *FIBRINOGEN, metabolism/ FIBRINOLYSIS, drug effects/ FIBROMA, metabolism/ GRANULOMA, metabolism/ GRANULOMA, REPARATIVE GIANT CELL, metabolism/ HEMANGIOMA, metabolism/ HUMAN/ METHYLAMINES, pharmacodynamics/ *MOUTH NEOPLASMS, metabolism/ MYOBLASTOMA, metabolism/ TISSUE CULTURE

701. **Björntorp P:** Disturbances in the regulation of food intake. Obesity: anatomic and physiologic-biochemical observations.
Adv Psychosom Med 7:116-27, 1972 (123 ref.)
ADIPOSE TISSUE, enzymology/ ADIPOSE TISSUE, metabolism/ ADIPOSE TISSUE, pathology/ ADRENAL GLANDS, secretion/ *APPETITE REGULATION/ GLUCOSE, metabolism/ HUMAN/ INSULIN, secretion/ INSULIN RESISTANCE/ LIPID MOBILIZATION/ LIPOPROTEIN LIPASE, metabolism/ LIVER, metabolism/ MUSCLES, metabolism/ OBESITY, metabolism/ OBESITY, pathology/ *OBESITY, physiopathology/ PANCREAS, secretion/ REVIEW/ THYROID GLAND, secretion

702. **Björntorp P:** Disturbances in the regulation of food intake. Obesity: anatomic and physiologic-biochemical observations.
Adv Psychosom Med 7:116-27, 1972 (123 ref.)
ADIPOSE TISSUE, enzymology/ ADIPOSE TISSUE, metabolism/ ADIPOSE TISSUE, pathology/ *APPETITE REGULATION/ GLUCOSE, metabolism/ HUMAN/ INSULIN, secretion/ INSULIN RESISTANCE/ LIPID MOBILIZATION/ LIPOPROTEIN LIPASE, metabolism/ LIVER, metabolism/ MUSCLES, metabolism/ OBESITY, metabolism/ OBESITY, pathology/ *OBESITY, physiopathology/ PANCREAS, secretion/ REVIEW/ THYROID GLAND, secretion

703. **Black J, Williams DI:** Natural history of adrenal haemorrhage in the newborn.
Arch Dis Child 48:183-90, Mar 73
*ADRENAL GLAND DISEASES, etiology/ ADRENAL GLAND DISEASES, therapy/ ADRENAL GLANDS, blood supply/ ANOXIA, complications/ ANTIBIOTICS, therapeutic use/ BIRTH WEIGHT/ BLOOD COAGULATION DISORDERS, complications/ BLOOD TRANSFUSION/ CALCINOSIS, complications/ FEMALE/ FETAL DISEASES, complications/ *HEMORRHAGE, etiology/ HEMORRHAGE, therapy/ HUMAN/ HYPERTENSION, RENAL/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, etiology/ MALE/ SEPTICEMIA, complications/ THROMBOEMBOLISM, complications/ THROMBOPENIA, complications/ THROMBOPHLEBITIS, complications/ UROGRAPHY

704. **Black MM, Nishioka K, Levene GM:** The role of dermal blood vessels in the pathogenesis of malignant atrophic papulosis (Degos' disease). A study of two cases using enzyme histochemical, fibrinolytic, electron-microscopical and immunological techniques. Br J Dermatol 88:213-9, Mar 73
ACID PHOSPHATASE, analysis/ ADENOSINE TRIPHOSPHATASE, analysis/ ADULT/ ALKALINE PHOSPHATASE, analysis/ CYTOCHROME OXIDASE, analysis/ FIBRINOLYSIS/ *GASTROINTESTINAL DISEASES, physiopathology/ HISTOCYTOCHEMISTRY/ HUMAN/ INTESTINAL DISEASES, physiopathology/ MALE/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ *SKIN, blood supply/ SKIN, enzymology/ *SKIN DISEASES, physiopathology/ SKIN TESTS/ SKIN ULCER, physiopathology/ SUCCINATE DEHYDROGENASE, analysis/ SYNDROME/ *THROMBOSIS, physiopathology

705. **Blacket RB:** Diet in the prevention of heart disease.
Med J Aust 1:969-73, 19 May 73
ADULT/ AUSTRALIA/ CORONARY DISEASE, etiology/ *CORONARY DISEASE, prevention & control/ DAIRY PRODUCTS/ DIET, ATHEROGENIC/ *DIETARY FATS/ *FATS, UNSATURATED/ FOOD HABITS/ HUMAN/ HYPERCHOLESTEREMIA, occurrence/ HYPERLIPEMIA, complications/ HYPERTENSION, complications/ LEGISLATION/ LIPOPROTEINS, LDL, blood/ LIPOPROTEINS, VLDL, blood/ MALE/ MARGARINE/ MEAT/ MIDDLE AGE/ SMOKING, complications

706. **Blackwell RQ, Boon WH, Liu CS, et al:** Hemoglobin J Singapore: alpha 78 Asn--Asp; alpha 79 Ala--Gly
Biochim Biophys Acta 278:482-90, 31 Oct 72
ADULT/ ALANINE/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *AMINO ACIDS, metabolism/ ASPARAGINE/ ASPARTIC ACID/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS, PAPER/ ETHNIC GROUPS/ FEMALE/ GENETICS, BIOCHEMICAL/ GLYCINE/ HEMOGLOBIN, metabolism/ HEMOGLOBINOPATHIES, familial & genetic/ *HEMOGLOBINS, ABNORMAL, metabolism/ HUMAN/ MALE/ PEPTIDES, analysis/ SINGAPORE/

SPECTROPHOTOMETRY/ THERMOLYSIN/ TRYPSIN

707. **Blagg CR, Scribner BH:** Diet, drugs and dialysis in the management of chronic renal failure.
Prog Biochem Pharmacol 7:452-97, 1972 (102 ref.)
ADSORPTION/ ANALGESICS AND ANTIPYRETICS/ ANESTHETICS/ ANTIBIOTICS/ ANTICOAGULANTS/ ANTIHYPERTENSIVE AGENTS/ *DIET THERAPY/ DIETARY PROTEINS/ DIGOXIN/ FUTUROLOGY/ HEMODIALYSIS, HOME/ HUMAN/ HYPNOTICS AND SEDATIVES/ KIDNEY, transplantation/ KIDNEY FAILURE, CHRONIC, complications/ KIDNEY FAILURE, CHRONIC, drug therapy/ KIDNEY FAILURE, CHRONIC, etiology/ *KIDNEY FAILURE, CHRONIC, therapy/ PERITONEAL DIALYSIS/ REVIEW/ TIME FACTORS/ TRANQUILIZING AGENTS/ TRANSPLANTATION, HOMOLOGOUS

708. **Blagovidov DF, Pomel'tsov AN, Mikhailova NA, et al:** Svertyvaiushchaia sistema krovi pri khronicheskom skleroziruiushchem pankreatite (sksperimental'noe issledovanie.
Eksp Khir Anesteziol 17:34-7, Nov-Dec 72 **(Rus)**
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ CHRONIC DISEASE/ DOGS/ ENGLISH ABSTRACT/ *PANCREATITIS, blood/ PANCREATITIS, surgery/ SCLEROSIS

709. **Blair GW, Matchett RH:** Blood viscosity in multiple sclerosis.
J Neurol Neurosurg Psychiatry 35:730-1, Oct 72
*BLOOD VISCOSITY/ HUMAN/ *MULTIPLE SCLEROSIS, blood

710. **Blair R, Scott ML, Young RJ:** Unidentified factor activities in whole soybeans required for optimum growth of Coturnix quail. J Nutr 102:1529-41, Nov 72
*AMINO ACIDS/ ANIMAL EXPERIMENTS/ ANIMAL NUTRITION/ BODY WEIGHT/ BODY WEIGHT, drug effects/ DIETARY PROTEINS/ *GROWTH SUBSTANCES/ GROWTH SUBSTANCES, isolation & purification/ GROWTH SUBSTANCES, pharmacodynamics/ HEAT/ HYDROGEN-ION CONCENTRATION/ LIPIDS/ NUTRITION DISORDERS, etiology/ NUTRITION DISORDERS, mortality/ PAPAIN/ PEPTIDES/ *PLANT PROTEINS/ PLANT PROTEINS, isolation & purification/ PLANT PROTEINS, pharmacodynamics/ *QUAIL, growth & development/ SACCHAROMYCES CEREVISIAE/ *SOY BEANS/ SOY BEANS, analysis/ STARCH/ TRYPSIN

711. **Blaisdell FW, Lim RC Jr:** Liver resection.
Major Probl Clin Surg 3:131-45, 1971
DRAINAGE/ HEMORRHAGE, etiology/ HEMORRHAGE, prevention & control/ HEMOSTASIS/ *HEPATECTOMY/ HEPATIC ARTERY, injuries/ HEPATIC VEINS, injuries/ HUMAN/ LIGATION/ LIVER, injuries/ METHODS/ PORTAL VEIN, injuries/ POSTOPERATIVE COMPLICATIONS/ WOUNDS AND INJURIES, surgery

712. **Blake CC:** X-ray studies of crystalline proteins.
Prog Biophys Mol Biol 25:85-130, 1972 (79 ref.)
ALDOLASE/ ANNELIDA/ CARBOXYPEPTIDASES/ CETACEA/ CHYMOTRYPSIN/ CHYMOTRYPSINOGEN/ DIPTERA/ *ENZYMES/ GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE/ HEMOGLOBIN/ HORSES/ HUMAN/ INSULIN/ LACTATE DEHYDROGENASE/ MODELS, STRUCTURAL/ MURAMIDASE/ MYOGLOBIN/ PANCREATOPEPTIDASE/ PAPAIN/ PHOSPHOGLYCERATE KINASE/ PINNIPEDIA/ *PROTEINS/ REVIEW/ SUBTILISINS/ *X-RAY DIFFRACTION

713. **Blake J, Li CH:** Adrenocorticotropin. 43. The synthesis and steroidogenic activity of (2-N-methylphenylalanine)-adrenocorticotropin-(1-19). Int J Pept Protein Res 4:343-5, 1972
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHYMOTRYPSIN/ *CORTICOTROPIN, chem synthesis/ CORTICOTROPIN, pharmacodynamics/ ELECTROPHORESIS, PAPER/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ PHENYLALANINE/ SHEEP/ TRYPSIN

714. **Blake NM, Omoto K, Kirk RL, et al:** Variation in red cell enzyme groups among populations of the Western Caroline Islands, Micronesia.
Am J Hum Genet 25:413-21, Jul 73
ACID PHOSPHATASE, blood/ ADOLESCENCE/ ADULT/ ALLELES/ AMINOHYDROLASES, blood/ ELECTROPHORESIS, STARCH GEL/ *ERYTHROCYTES, enzymology/ GLUCOSEPHOSPHATE DEHYDROGENASE, blood/ GLUCOSEPHOSPHATE ISOMERASE, blood/ HUMAN/ INDOPHENOL/ LACTATE DEHYDROGENASE, blood/ MALATE DEHYDROGENASE, blood/ MICRONESIA/ OXIDOREDUCTASES, blood/ PEPTIDE HYDROLASES, blood/ PHENOTYPE/ PHOSPHOGLUCOMUTASE, blood/ PHOSPHOGLYCERATE KINASE, blood/ PHOSPHOTRANSFERASES, blood

715. **Blaker GG:** Annual administrative reviews: food service. Hospitals 47:127 passim, 1 Apr 73 (49 ref.)
COLLECTIVE BARGAINING/ COMPUTERS, DIGITAL/ COOKERY/ DIET, ATHEROGENIC/ FOOD HANDLING/ FOOD PRESERVATION/ FUTUROLOGY/ *HOSPITAL ADMINISTRATION/ *HOSPITAL FOOD SERVICE/ HUMAN/ LABOR UNIONS/ REVIEW/ SYSTEMS ANALYSIS/ UNITED STATES

716. **Blamey RW, Renney JT, Baxter TJ, et al:** The use of 125 I-fibrinogen in the detection of renal allograft rejection. Rat model. Transplantation 16:5-8, Jul 73
ANIMAL EXPERIMENTS/ ANURIA, etiology/ FIBRINOGEN, diagnostic use/ *FIBRINOGEN, metabolism/ *GRAFT REJECTION/ HYDRONEPHROSIS, metabolism/ IODINE ISOTOPES/ KIDNEY, metabolism/ *KIDNEY, transplantation/ KIDNEY FAILURE, ACUTE, metabolism/ RATS/ RATS, INBRED STRAINS/ RENAL ARTERY OBSTRUCTION, metabolism/ THROMBOSIS, etiology/ THROMBOSIS, metabolism/ TRANSPLANTATION, HOMOLOGOUS

717. **Blanck MF:** A propos d'un cas de phocomélie avec glaucome congénital.
Arch Ophtalmol (Paris) 32:477-82, Jun-Jul 72 **(Fre)**
ABNORMALITIES, DRUG-INDUCED/ ARTHROGRYPOSIS, complications/ CASE REPORT/ *ECTROMELIA, complications/ ECTROMELIA, embryology/ ENGLISH ABSTRACT/ *GLAUCOMA, congenital/ GLAUCOMA, etiology/ GONIOSCOPY/ HUMAN/ HUMERUS, abnormalities/ HYDROPHTHALMOS, complications/ INFANT/ MALE/ PREGNANCY/ PREGNANCY COMPLICATIONS/ RADIUS, abnormalities/ THALIDOMIDE, adverse effects/ THROMBOPENIA, complications/ TONOMETRY

718. **Blanquet S, Iwatsubo M, Waller JP:** The mechanism of action of methionyl-tRNA synthetase from Escherichia coli. 1. Fluorescence studies on tRNAMet binding as a function of ligands, ions and pH.
Eur J Biochem 36:213-26, 2 Jul 73
AMINO ACYL T RNA SYNTHETASES, antagonists & inhibitors/ AMINO ACYL T RNA SYNTHETASES, isolation & purification/ *AMINO ACYL T RNA SYNTHETASES, metabolism/ BINDING SITES/ *ESCHERICHIA COLI, enzymology/ FLUORESCENCE SPECTROMETRY/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MAGNESIUM/ METHIONINE/ POTASSIUM CHLORIDE/ *PROTEIN BINDING/ PROTEIN CONFORMATION/ RNA, TRANSFER, isolation & purification/ RNA, TRANSFER, metabolism/ SPERMIDINE/ SPERMINE/ TRYPSIN

719. **Blaquier JA, Calandra RS:** Intranuclear receptor for androgens in rat epididymis.
Endocrinology 93:51-60, Jul 73
ANDROSTERONE, metabolism/ ANIMAL

EXPERIMENTS/ *CELL NUCLEUS, metabolism/ CENTRIFUGATION, DENSITY GRADIENT/ CYPROTERONE, metabolism/ CYTOSOL, metabolism/ DEOXYRIBONUCLEASE/ EPIDIDYMIS, cytology/ EPIDIDYMIS, enzymology/ *EPIDIDYMIS, metabolism/ GEL FILTRATION/ HEPARIN, pharmacodynamics/ MALE/ OXIDOREDUCTASES, metabolism/ RATS/ *RECEPTORS, HORMONE/ *STANOLONE, metabolism/ TEMPERATURE/ *TESTOSTERONE, metabolism/ TRITIUM/ TRYPSIN

720. **Blatný J, Seidlová V, Pelikán V, et al:** Fibrinolytic activity in hepatic cirrhosis. Digestion 6:165-72, 1972
FIBRINOGEN, analysis/ FIBRINOLYSIN, analysis/ *FIBRINOLYSIS/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS/ LIVER CIRRHOSIS, enzymology/ *LIVER CIRRHOSIS, physiopathology/ PLASMINOGEN, analysis

721. **Blatt JM, Floman Y:** Posttraumatic acute acalculous cholecystitis. Int Surg 57:982-3, Dec 72
ACCIDENTS, TRAFFIC/ ACUTE DISEASE/ ADULT/ ANESTHESIA, adverse effects/ CHOLECYSTECTOMY/ *CHOLECYSTITIS, etiology/ CHOLECYSTITIS, surgery/ ESCHERICHIA COLI, isolation & purification/ FASTING, adverse effects/ FEMALE/ HEMATOMA, surgery/ HUMAN/ POSTOPERATIVE COMPLICATIONS/ PROTEUS MIRABILIS, isolation & purification/ WOUND INFECTION, complications/ WOUND INFECTION, microbiology

722. **Blatt SJ, Schneider MD, Kaye MP, et al:** Hematologic, biochemical, and pathologic effects of intra-aortic balloon counterpulsation in the calf.
Surg Gynecol Obstet 137:238-42, Aug 73
ALPHA GLOBULIN, analysis/ ANIMAL EXPERIMENTS/ *AORTA/ ASPARTATE AMINOTRANSFERASE, blood/ BETA GLOBULIN, analysis/ BLOOD CELL COUNT/ BLOOD COAGULATION/ CATHETERIZATION, adverse effects/ CATHETERIZATION, instrumentation/ CATTLE/ CREATININE, blood/ ELECTRONICS, MEDICAL/ FIBRINOGEN, analysis/ GAMMA GLOBULIN, analysis/ HEMOGLOBINOMETRY/ INFARCTION, etiology/ KIDNEY, blood supply/ LACTATE DEHYDROGENASE, blood/ SERUM ALBUMIN, analysis/ *SHOCK, CARDIOGENIC, therapy/ SPECIES SPECIFICITY/ THROMBOSIS, etiology

723. **Bleker OP:** Een geval van perinatale en maternale sterfte.
Ned Tijdschr Geneeskd 116:1961-2, 21 Oct 72 (Dut)
ADULT/ *DISSEMINATED INTRAVASCULAR COAGULATION, mortality/ FEMALE/ HUMAN/ INFANT MORTALITY/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, mortality/ MALE/ MATERNAL MORTALITY/ NETHERLANDS/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, mortality

724. **Bleyl U:** Gefässwand und Fibrin.
Verh Dtsch Ges Inn Med 78:1206, 1972 (Ger)
*ARTERIES, physiopathology/ ARTERIOSCLEROSIS, physiopathology/ *FIBRIN/ THROMBOSIS, physiopathology

725. **Bloch KJ, Maki DG:** Hyperviscosity syndromes associated with immunoglobulin abnormalities.
Semin Hematol 10:113-24, Apr 73 (55 ref.)
ANIMAL EXPERIMENTS/ ARTHRITIS, RHEUMATOID, blood/ *BLOOD PROTEIN DISORDERS, blood/ BLOOD PROTEIN DISORDERS, immunology/ BLOOD PROTEIN DISORDERS, therapy/ *BLOOD VISCOSITY/ CARDIOVASCULAR DISEASES, etiology/ EYE MANIFESTATIONS/ HUMAN/ IGA/ IGM/ *IMMUNOGLOBULINS/ KIDNEY DISEASES, etiology/ MACROGLOBULINEMIA, blood/ MICE/ MULTIPLE MYELOMA, blood/ NEUROLOGIC MANIFESTATIONS/ PENICILLAMINE, therapeutic use/ PLASMAPHERESIS/ REVIEW

726. **Blohmé G:** Treatment of hereditary angioneurotic oedema with tranexamic acid. A random double-blind cross-over study. Acta Med Scand 192:293-8, Oct 72
AGED/ *ANGIONEUROTIC EDEMA, drug therapy/ ANGIONEUROTIC EDEMA, familial & genetic/ ANTIFIBRINOLYTIC AGENTS, therapeutic use/ CLINICAL RESEARCH/ CYCLOHEXANECARBOXYLIC ACIDS, adverse effects/ *CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ FEMALE/ HEADACHE, chemically induced/ HUMAN/ MALE/ MIDDLE AGE/ NAUSEA, chemically induced/ PLACEBOS/ SKIN MANIFESTATIONS

727. **Blombäck B, Blombäck M:** The molecular structure of fibrinogen.
Ann NY Acad Sci 202:77-97, 8 Dec 72 (54 ref.)
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANTIGENIC DETERMINANTS/ CARBOXYPEPTIDASES/ CATTLE/ CHEMISTRY/ CHROMATOGRAPHY/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ DISULFIDES, analysis/ FIBRIN/ FIBRINOGEN/ FIBRINOGEN, analysis/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IMMUNOELECTROPHORESIS/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PANCREATOPEPTIDASE/ *PEPTIDES/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ RABBITS, immunology/ REVIEW/ THROMBIN/ TRYPSIN

728. **Blombäck B, Gröndahl NJ, Hessel B, et al:** Primary structure of human fibrinogen and fibrin. II. Structural studies on NH2-terminal part of gamma chain. J Biol Chem 248:5806-20, 25 Aug 73
ALKYLATION/ AMINES, isolation & purification/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CARBOHYDRATES, analysis/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY/ CHYMOTRYPSIN/ COUNTERCURRENT DISTRIBUTION/ CYANOGEN BROMIDE/ ELECTROPHORESIS/ *FIBRIN, analysis/ *FIBRINOGEN, analysis/ GEL DIFFUSION TESTS/ HUMAN/ NEURAMINIDASE/ OXIDATION-REDUCTION/ PAPAIN/ PEPSIN/ PEPTIDES, analysis/ *PEPTIDES, isolation & purification/ RABBITS, immunology/ THROMBIN/ TRYPSIN/ ULTRACENTRIFUGATION

729. **Blombäck M, Nilsson IM:** Behandling av ärftlig blödningssjukdomar.
Lakartidningen 69:Suppl 4:76-84, 27 Dec 72 (Swe
BLOOD COAGULATION FACTORS/ BLOOD TRANSFUSION/ *CHRISTMAS DISEASE, drug therapy/ ENGLISH ABSTRACT/ *FACTOR VII, therapeutic use/ *FACTOR IX, therapeutic use/ *HEMOPHILIA, drug therapy HEMORRHAGIC DIATHESIS, familial & genetic/ HEMORRHAGIC DIATHESIS, therapy HUMAN/ *VON WILLEBRAND'S DISEASE, drug therapy

730. **Blombäck M, Nilsson LH:** Handläggandet av öv gastrointestinal blödning. 5. Koagulopatier och gastro-intestinal blöding.
Lakartidningen 69:4952-6, 18 Oct 72 (Sw
*BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ *HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ MEDICAL HISTORY TAKING

731. **Blondin J, Rosenberg R, Janoff A:** An inhibitor human lung macrophages active against huma neutrophil elastase.
Am Rev Respir Dis 106:477-9, Sep 72
CYTOSOL, analysis/ *CYTOSOL, physiology/ HUMAN/ IN VITRO/ *MACROPHAGES, enzymology/ *NEUTROPHILS, enzymology/ *PANCREATOPEPTIDASE, antagonists & inhibitors/ *PULMONARY ALVEOLI, cytolog TRYPSIN INHIBITORS, analysis

732. **Bloom AL:** Coagulation factor variants.
Br J Haematol 23:643-7, Dec 72 (34 ref.)
AFIBRINOGENEMIA/ ANTIGENS/ BLOOD COAGULATION DISORDERS, familial & genetic/ *BLOOD COAGULATION FACTORS/ BLOOD COAGULATION FACTORS, biosynthesis/ FACTOR VII/ FACTOR VIII/ FACTOR IX/ FACTOR X/ FIBRINOGEN/ GENETICS, BIOCHEMICAL/ HUMAN/ IMMUNOELECTROPHORESIS/ PROTHROMBIN/ REVIEW/ VITAMIN K DEFICIENCY, metabolism

733. **Bloom AL, Giddings JC, Wilks CJ, et al:** Immunohistological localization of coagulation factors on vascular intima.
Br J Haematol 25:275, Aug 73
ABSORPTION/ *BLOOD VESSELS, analysis/ FACTOR V, analysis/ *FACTOR VIII, analysis/ FACTOR VIII, isolation & purification/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN

734. **Bloom AL, Giddings JC, Peake IR:** Low-molecular-weight factor VIII.
Lancet 1:661-2, 24 Mar 73
*ANTIGENS, analysis/ BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ *FACTOR VIII/ FACTOR VIII, biosynthesis/ HEMOPHILIA, blood/ HUMAN/ IMMUNOASSAY/ MOLECULAR WEIGHT/ VON WILLEBRAND'S DISEASE, blood

735. **Bloom AL, Giddings JC, Wilks CJ:** Factor 8 on the vascular intima: possible importance in haemostasis and thrombosis.
Nature [New Biol] 241:217-9, 14 Feb 73
ARTERIES, analysis/ *BLOOD VESSELS, analysis/ CAPILLARIES, analysis/ ENDOTHELIUM, analysis/ *FACTOR VIII, analysis/ FLUORESCENT ANTIBODY TECHNIC/ *HEMOSTASIS/ HUMAN/ IMMUNE SERUMS/ IMMUNOASSAY/ KIDNEY, analysis/ KIDNEY GLOMERULUS, blood supply/ LIVER, analysis/ LUNG, analysis/ LUNG, blood supply/ RABBITS, immunology/ RENAL ARTERY, analysis/ SPLEEN, analysis/ *THROMBOSIS, etiology/ VEINS, analysis

736. **Bloom AL, Giddings JC, Peake IR:** Low-molecular-weight factor VIII.
Lancet 1:1000, 5 May 73
*ANTIGENS/ *FACTOR VIII/ *HEMOPHILIA, blood/ HEMOPHILIA, familial & genetic/ HUMAN/ MOLECULAR WEIGHT/ NOMENCLATURE/ *VON WILLEBRAND'S DISEASE, blood/ VON WILLEBRAND'S DISEASE, familial & genetic

737. **Bloom AL, Giddings JC:** Factor VIII (antihaemophilic factor) in tissues detected by antibody neutralization.
Br J Haematol 23:157-65, Aug 72
ANIMAL EXPERIMENTS/ ANTIBODIES/ ANTIGEN-ANTIBODY REACTIONS/ BLOOD PROTEIN ELECTROPHORESIS/ BRAIN CHEMISTRY/ CATTLE/ *FACTOR VIII, analysis/ FACTOR VIII, isolation & purification/ GEL DIFFUSION TESTS/ HUMAN/ KIDNEY, analysis/ LIVER, analysis/ LUNG, analysis/ MYOCARDIUM, analysis/ NEUTRALIZATION TESTS/ RABBITS/ SPLEEN, analysis/ STOMACH, analysis/ SWINE/ THROMBOPLASTIN, analysis/ TONGUE, analysis

738. **Bloom GE:** Disorders of bone marrow production.
Pediatr Clin North Am 19:983-1008, Nov 72 (186 ref.)
ABNORMALITIES, MULTIPLE/ ACUTE DISEASE/ ANEMIA, APLASTIC, chemically induced/ ANEMIA, APLASTIC, classification/ ANEMIA, APLASTIC, complications/ ANEMIA, APLASTIC, congenital/ ANEMIA, APLASTIC, etiology/ ANEMIA, APLASTIC, familial & genetic/ *ANEMIA, APLASTIC, pathology/ ANEMIA, HEMOLYTIC, complications/ BACTERIAL INFECTIONS, complications/ BLOOD PLATELETS, transplantation/ BONE MARROW CELLS, transplantation/ *BONE MARROW DISEASES, pathology/ CELL TRANSFORMATION, NEOPLASTIC/ CHROMATIDS/ CHRONIC DISEASE/ ERYTHROPOIESIS/ HEMATOLOGIC DISEASES, complications/ HISTOCOMPATIBILITY TESTING/ HUMAN/ REVIEW/ TRANSPLANTATION, HOMOLOGOUS

739. **Bloom SR, Ogawa O:** Radioimmunoassay of human peripheral plasma secretin.
J Endocrinol 58:xxiv-xxv, Jul 73
ANIMAL EXPERIMENTS/ IMMUNE SERUMS/ IODINE ISOTOPES/ KALLIKREIN-TRYPSIN INACTIVATOR/ METHODS/ RABBITS/ *RADIOIMMUNOASSAY/ *SECRETIN, blood

740. **Bloomfield DA:** Pulmonary embolism in the aged.
Geriatrics 28:126-31, Oct 73
AGE FACTORS/ AGED/ ANGIOGRAPHY/ BLOOD GAS ANALYSIS/ CYANOSIS, etiology/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ FIBRINOLYTIC AGENTS, adverse effects/ HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ LUNG, radiography/ MALE/ MIDDLE AGE/ *PULMONARY EMBOLISM/ PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, radiography/ PULMONARY EMBOLISM, surgery/ RADIOISOTOPE SCANNING/ SHOCK, etiology/ VENA CAVA, INFERIOR, surgery

741. **Blow DM, Wright CS, Kukla D, et al:** A model for the association of bovine pancreatic trypsin inhibitor with chymotrypsin and trypsin.
J Mol Biol 69:137-44, 14 Aug 72
ACYLATION/ ALANINE/ BINDING SITES/ CATALYSIS/ CATTLE/ *CHYMOTRYPSIN/ HYDROGEN/ LYSINE/ *MODELS, CHEMICAL/ PANCREAS, enzymology/ PROTEIN CONFORMATION/ *TRYPSIN/ *TRYPSIN INHIBITORS/ WATER/ X-RAY DIFFRACTION

742. **Bluhm GB, Riddle JM:** Platelets and vascular disease in gout.
Semin Arthritis Rheum 2:355-66, 1973
ALLOPURINOL, therapeutic use/ ANALGESICS AND ANTIPYRETICS, therapeutic use/ ARTERIOSCLEROSIS, complications/ *BLOOD PLATELETS/ COLCHICINE, therapeutic use/ COMPARATIVE STUDY/ DIABETES MELLITUS, complications/ GOUT, blood/ *GOUT, complications/ GOUT, drug therapy/ HALOFENATE, therapeutic use/ HUMAN/ HYPERLIPEMIA, complications/ HYPERTENSION, complications/ HYPOXANTHINES, blood/ IN VITRO/ KIDNEY DISEASES, complications/ URIC ACID, blood/ URICOSURIC AGENTS, therapeutic use/ *VASCULAR DISEASES, complications/ XANTHINES, blood

743. **Blum D, Viart P, Szilwowski HB, et al:** Exchange transfusion and hyperbaric oxygen in the treatment of children with acute hepatic failure.
Helv Paediatr Acta 27:425-36, Sep 72
ACUTE DISEASE/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ BLOOD PLATELETS/ BLOOD UREA NITROGEN/ CHILD/ CHILD, PRESCHOOL/ ELECTROENCEPHALOGRAPHY/ *EXCHANGE TRANSFUSION/ HEART DISEASES, etiology/ HEPATIC COMA, blood/ HEPATIC COMA, enzymology/ *HEPATIC COMA, therapy/ HUMAN/ *HYPERBARIC OXYGENATION/ HYPERBARIC OXYGENATION, adverse effects/ LUNG DISEASES, etiology/ MALE/ METHODS/ NEUROLOGIC MANIFESTATIONS

744. **Blum E:** Invaginationsileus bei gutartigen Dünndarmgeschwülsten.
Chirurg 43:433-5, Sep 72 (Ger)
ADOLESCENCE/ AGE FACTORS/ CHILD/ *HEMANGIOMA, CAVERNOUS, complications/ *HEMANGIOMA, CAVERNOUS, pathology/ *HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ *INTESTINAL NEOPLASMS, complications/ INTESTINAL NEOPLASMS, pathology/ INTESTINAL NEOPLASMS, surgery/ *INTESTINAL OBSTRUCTION,

etiology/ INTESTINAL OBSTRUCTION, surgery/ *INTUSSUSCEPTION, complications/ INTUSSUSCEPTION, surgery/ MALE/ *NEUROMA, complications/ NEUROMA, pathology/ NEUROMA, surgery

745. **Blum KU:** Beeinflussung von Kaliumanalysen im Serum durch Thrombozyten.
Dtsch Med Wochenschr 97:1615-6, 20 Oct 72 (Ger)
BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ HEPARIN, pharmacodynamics/ HUMAN/ *POTASSIUM, blood/ POTASSIUM, metabolism/ SILICONES, pharmacodynamics

746. **Blumenfeld C, Kottwitz R:** [May-Hegglin anomaly in 3 generations]
Harefuah 83:22-3, 2 Jul 72 (Heb)
*BLOOD PLATELET DISORDERS, familial & genetic/ ENGLISH ABSTRACT/ EOSINOPHILIA, familial & genetic/ FEMALE/ HEMATOLOGIC DISEASES, familial & genetic/ HUMAN/ *LEUKOCYTES/ MALE/ NEUTROPHILS/ PEDIGREE

747. **Blumenthal JB:** Use of low dose heparin in preventing venous thrombosis. J Med Assoc Ga 62:239-40, Jun 73
*HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ *THROMBOPHLEBITIS, prevention & control

748. **Blumenthal KM, Heinrikson RL:** Structure studies of bovine liver thiosulfate sulfurtransferase. II. S-carboxymethylation of the enzyme and sequence analysis of the tryptic cysteinyl peptides.
Biochim Biophys Acta 278:530-45, 31 Oct 72
ALKYLATION/ AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ BINDING SITES/ CARBON ISOTOPES/ CATTLE/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CRYSTALLIZATION/ CYANIDES/ CYSTEINE/ FREEZE DRYING/ GEL FILTRATION/ IODOACETATES/ KINETICS/ *LIVER, enzymology/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *SULFURTRANSFERASES, analysis/ THIOSULFATES/ TRYPSIN

749. **Blumenthal KM, Smith EL:** Nicotinamide adenine dinucleotide phosphate-specific glutamate dehydrogenase of Neurospora. I. Isolation, subunits, amino acid composition, sulfhydryl groups, and identification of a lysine residue reactive with pyridoxal phosphate and N-ethylmaleimide.
J Biol Chem 248:6002-8, 10 Sep 73
*AMINO ACIDS, analysis/ AMMONIUM SULFATE/ BINDING SITES/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ETHYLMALEIMIDE/ GEL FILTRATION/ GLUTAMATE DEHYDROGENASE, analysis/ GLUTAMATE DEHYDROGENASE, antagonists & inhibitors/ *GLUTAMATE DEHYDROGENASE, isolation & purification/ *LYSINE/ MACROMOLECULAR SYSTEMS/ MATHEMATICS/ MOLECULAR WEIGHT/ NADP/ *NEUROSPORA, enzymology/ PEPTIDES, analysis/ PYRIDOXAL PHOSPHATE/ SULFHYDRYL COMPOUNDS, analysis/ SULFHYDRYL REAGENTS/ THERMODYNAMICS/ TRYPSIN/ ULTRACENTRIFUGATION

750. **Blumenthal S:** Prevention of atherosclerosis.
Am J Cardiol 31:591-4, May 73
AGE FACTORS/ ARTERIOSCLEROSIS, etiology/ *ARTERIOSCLEROSIS, prevention & control/ ATTITUDE OF HEALTH PERSONNEL/ CARDIOLOGY, education/ CHILD/ CORONARY DISEASE, etiology/ DIET THERAPY/ EDUCATION, MEDICAL/ EXERTION/ FATTY STREAK, ARTERIAL, complications/ FOLLOW-UP STUDIES/ HUMAN/ HYPERLIPEMIA, diagnosis/ HYPERLIPEMIA, therapy/ HYPERTENSION, diagnosis/ HYPERTENSION, familial & genetic/ HYPERTENSION, therapy/ PREVENTIVE MEDICINE, education/ SMOKING

751. **Bo G, Hognestad J:** Effects on the pulmonary circulation of suddenly induced intravascular aggregation of blood platelets.
Acta Physiol Scand 85:523-31, Aug 72
ACID-BASE EQUILIBRIUM/ ANIMAL EXPERIMENTS/ BLOOD FLOW VELOCITY/ *BLOOD PLATELETS, drug effects/ BLOOD PRESSURE/ BODY TEMPERATURE/ BRADYKININ, biosynthesis/ BRADYKININ, pharmacodynamics/ CATS/ *COLLAGEN, pharmacodynamics/ LUNG, pathology/ PLATELET ADHESIVENESS/ *PULMONARY CIRCULATION, drug effects/ TIME FACTORS/ VASCULAR RESISTANCE, drug effects

752. **Boardman LJ, Lamb JF, McCall D:** Uptake of (3 H)ouabain and Na pump turnover rates in cells cultured in ouabain.
J Physiol (Lond) 225:619-35, Sep 72
BINDING SITES/ BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ CELL LINE/ CELL MEMBRANE/ *CELLS, CULTURED, metabolism/ CHROMATOGRAPHY/ HELA CELLS, metabolism/ HUMAN/ MYOCARDIUM/ *OUABAIN, pharmacodynamics/ POTASSIUM, metabolism/ *SODIUM, metabolism/ TIME FACTORS/ TISSUE CULTURE/ TRITIUM/ TRYPSIN

753. **Bobnis W, Cwajda H, Szmatloch E, et al:** Białaczka zieleniakowa (chloromyelosis) u 36-letniego mężczyzny.
Pol Tyg Lek 27:2069-70, 25 Dec 72 (Pol)
ADULT/ AGE FACTORS/ AUTOPSY/ COLOR/ ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGIC DIATHESIS, pathology/ HUMAN/ *LEUKEMIA, MYELOCYTIC/ LEUKEMIA, MYELOCYTIC, diagnosis/ LEUKEMIA, MYELOCYTIC, pathology/ MYELOID METAPLASIA, pathology

754. **Bobrow M, Madan K:** A comparison of chimpanzee and human chromosomes using the Giemsa-11 and other chromosome banding techniques.
Cytogenet Cell Genet 12:107-16, 1973
ANIMAL EXPERIMENTS/ *CHIMPANZEES/ CHROMATIN/ *CHROMOSOMES/ CHROMOSOMES, HUMAN, 1-3/ CHROMOSOMES, HUMAN, 4-5/ CHROMOSOMES, HUMAN, 6-12/ CHROMOSOMES, HUMAN, 13-15/ CHROMOSOMES, HUMAN, 16-18/ CHROMOSOMES, HUMAN, 19-20/ CYTOLOGICAL TECHNICS/ HUMAN/ KARYOTYPING/ SEX CHROMOSOMES/ SPECIES SPECIFICITY/ STAINS AND STAINING/ TRYPSIN

755. **Bocci V, Pacini A:** Factors regulating plasma protein synthesis. II. Influence of fibrinogenolytic products on plasma fibrinogen concentration.
Thromb Diath Haemorrh 29:63-75, 28 Feb 73
ALBUMINS/ ALPHA GLOBULIN/ ANIMAL EXPERIMENTS/ FIBRINOGEN/ *FIBRINOGEN, biosynthesis/ FIBRINOGEN, metabolism/ GAMMA GLOBULIN/ LIVER, metabolism/ MALE/ RABBITS/ SERUM ALBUMIN/ TIME FACTORS

756. **Bocharov AL, Demidkina TV, Karpeisky MY, et al:** Selective modification of tyrosine and cysteine residues in aspartate aminotransferase from pig heart cytosol.
Biochem Biophys Res Commun 50:377-83, 23 Jan 73
ALKYLATION/ ANIMAL EXPERIMENTS/ *ASPARTATE AMINOTRANSFERASE, antagonists & inhibitors/ CHEMISTRY/ *CYSTEINE/ *CYTOSOL, enzymology/ IN VITRO/ MALEIMIDES/ *MYOCARDIUM, cytology/ NITRO COMPOUNDS/ NITRO COMPOUNDS, pharmacodynamics/ SODIUM DODECYL SULFATE/ SPECTROPHOTOMETRY, ULTRAVIOLET/

SULFHYDRYL COMPOUNDS, analysis/ SWINE/ TRYPSIN/ *TYROSINE

757. **Bocheva SS, Rudenko LP, Cherevkova LV:** Vliianie ékzogennoĭ mocheviny na amilolitícheskuiu i proteoliticheskuiu aktivnost' griba Aspergillus oryzae.
Prikl Biokhim Mikrobiol 9:45-8, Jan-Feb 73 **(Rus)**
*AMYLASE, metabolism/ ASPERGILLUS, drug effects/ *ASPERGILLUS, enzymology/ CULTURE MEDIA/ ENGLISH ABSTRACT/ *PEPTIDE HYDROLASES, metabolism/ *UREA, pharmacodynamics

758. **Bockman DE, Schiller WR, Suriyapa C, et al:** Fine structure of early experimental acute pancreatitis in dogs. Lab Invest 28:584-92, May 73
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS, drug effects/ CYTOPLASM/ DOGS/ ENDOPLASMIC RETICULUM/ ERYTHROCYTES/ FIBRIN/ INJECTIONS/ ISLANDS OF LANGERHANS, enzymology/ LIGATION/ LIPASE/ LYMPHATIC SYSTEM, pathology/ LYSOSOMES/ NEUTROPHILS, enzymology/ PANCREAS, drug effects/ *PANCREAS, pathology/ PANCREAS, secretion/ PANCREATIC DUCTS, pathology/ PANCREATIC DUCTS, surgery/ PANCREATIC JUICE, enzymology/ PANCREATITIS, enzymology/ PANCREATITIS, etiology/ *PANCREATITIS, pathology/ PHAGOCYTOSIS/ PHOSPHOLIPASE/ TIME FACTORS/ TRYPSIN

759. **Bode A:** Osophagusstenose bei chronischer Candidiasis. Klin Paediatr 185:75-8, Jan 73 **(Ger)**
ADHESIONS, complications/ ADOLESCENCE/ CASE REPORT/ CHRONIC DISEASE/ DIAPHRAGM/ *ESOPHAGEAL DISEASES, complications/ *ESOPHAGEAL STENOSIS, etiology/ ESOPHAGEAL STENOSIS, radiography/ HUMAN/ MALE/ *MONILIASIS, complications/ MONILIASIS, radiography

760. **Bodor A:** Bodová transfixácia mezenteria pri ileóznych stavoch z adhézií. Rozhl Chir 52:182-6, Mar 73 **(Slo)**
*ADHESIONS, surgery/ HUMAN/ *INTESTINAL OBSTRUCTION, surgery/ MALE/ *MESENTERY, surgery/ METHODS/ MIDDLE AGE

761. **Boeminghaus F:** Entlastung der Niere bei tiefen Harnleiterstenosen. Ureterostomia in situ.
Z Urol Nephrol 65:459-65, Jun 72 **(Ger)**
ADHESIONS, complications/ CERVIX NEOPLASMS, complications/ FEMALE/ HUMAN/ LIGATION/ METHODS/ MIDDLE AGE/ PELVIC EXENTERATION, adverse effects/ POSTOPERATIVE COMPLICATIONS/ RADIATION INJURIES/ URETER, radiation effects/ URETERAL OBSTRUCTION, etiology/ *URETERAL OBSTRUCTION, surgery/ URINARY CATHETERIZATION/ *URINARY DIVERSION

762. **Boeminghaus F:** Intravesikale Applikation von Antifibrinolytika nach Eingriffen an der Prostata.
Z Urol Nephrol 65:771-4, Oct 72 **(Ger)**
*ANTIFIBRINOLYTIC AGENTS, administration & dosage/ BLOOD COAGULATION TESTS/ HEMORRHAGE, prevention & control/ HUMAN/ MALE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *PROSTATE, surgery

763. **Boesken WH, Meinhart K, Rentsch I, et al:** Characterization of basement membrane antigens present in the urine of normal and nephritic rabbits.
Int Arch Allergy Appl Immunol 43:232-51, 1972
ABSORPTION/ ANIMAL EXPERIMENTS/ ANTIBODY DISSOCIATION/ *ANTIGENS, urine/ *BASEMENT MEMBRANE, immunology/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, DISK/ FLUORESCENT ANTIBODY TECHNIC/ GEL DIFFUSION TESTS/ *GLOMERULONEPHRITIS, immunology/ GOATS, immunology/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ KIDNEY GLOMERULUS, immunology/ PROTEINS, urine/ RABBITS/ TRYPSIN, pharmacodynamics

764. **Boffa MC, Boffa GA:** Identification et séparation de différents facteurs de venin de Vipera aspis actifs en hémostase. C R Soc Biol (Paris) 165:2287-93, 1971 **(Fre)**
ADENOSINE DIPHOSPHATE/ BLOOD COAGULATION DISORDERS, chemically induced/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, drug effects/ CHROMATOGRAPHY/ ELECTROPHORESIS/ ESTERASES, analysis/ FACTOR V/ FIBRINOLYSIS, drug effects/ FILTRATION/ *HEMOSTASIS/ HUMAN/ PHOSPHOLIPASE, analysis/ PHOSPHOLIPASE, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ *SNAKES/ *VENOMS, analysis/ VENOMS, pharmacodynamics

765. **Boffa MC, Delori P, Soulier JP:** Anticoagulant factors from Viperidae venoms. Platelet phospholipid inhibitors.
Thromb Diath Haemorrh 28:509-23, 31 Dec 72
ANTIBODIES/ ANTICOAGULANTS, antagonists & inhibitors/ ANTICOAGULANTS, isolation & purification/ *ANTICOAGULANTS, pharmacodynamics/ BLOOD CELL COUNT/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS, drug effects/ CATTLE/ CLOT RETRACTION/ HORSES, immunology/ HUMAN/ PHOSPHOLIPASE, isolation & purification/ PHOSPHOLIPIDS, antagonists & inhibitors/ PHOSPHOLIPIDS, pharmacodynamics/ POISONS, analysis/ SNAKES/ SNAKES, immunology/ THROMBOPLASTIN, biosynthesis/ VENOMS

766. **Bogdal J, Cichecka K, Jędrychowski A:** Zachowanie się alfa-1-antytrypsyny, alfa-2-makroglobuliny oraz aktywności antyplazminowej w chorobach wątroby i dróg żółciowych.
Pol Tyg Lek 28:969-72, 25 Jun 73 **(Pol)**
*ANTIFIBRINOLYTIC AGENTS, blood/ *BILIARY TRACT DISEASES, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LIVER DISEASES, blood/ *MACROGLOBULINS, metabolism/ MALE/ *TRYPSIN INHIBITORS, blood

767. **Bogdanikowa B, Grabowski R:** Reperti immunoelettroforetici nei liquidi di edema.
Minerva Med 64:436-41, 24 Feb 73 **(Ita)**
ALBUMINS, analysis/ ASCITIC FLUID, analysis/ *ASCITIC FLUID, immunology/ CERULOPLASMIN, analysis/ *EDEMA, immunology/ ELECTROPHORESIS, PAPER/ ENGLISH ABSTRACT/ HEART FAILURE, CONGESTIVE, immunology/ HUMAN/ *IMMUNOELECTROPHORESIS/ IMMUNOGLOBULINS, analysis/ PROTEINS, analysis/ TRANSFERRIN, analysis/ TRYPSIN INHIBITORS, analysis

768. **Bogdanikowa B, Lukjan H, Pietruska Z:** Związki między krzepnięciem, proteolizą a zjawiskami odpornościowymi.
Postepy Hig Med Dosw 27:469-81, Jul-Aug 73 **(Pol)**
*ANTIGEN-ANTIBODY COMPLEX/ *BLOOD COAGULATION/ COMPLEMENT/ ENGLISH ABSTRACT/ FACTOR XII/ FIBRINOGEN/ HUMAN/ IMMUNITY, CELLULAR/ *PEPTIDE HYDROLASES, blood

769. **Boggust WA:** Platelet lipids and coagulation in plasma. II. Thromboplastic activity.
Ir J Med Sci 141:168-80, Oct-Dec 72
*BLOOD COAGULATION/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS, physiology/ FATTY ACIDS, analysis/ GLASS/ INDICATOR DILUTION TECHNICS/ INDICATORS AND REAGENTS/ *PHOSPHOLIPIDS, blood/ THROMBOPLASTIN, physiology

770. **Boggust WA:** Platelet lipids and coagulation in plasma. I. Isolation and analysis.
Ir J Med Sci 141:128-35, Jul-Sep 72

*BLOOD COAGULATION/ BLOOD COAGULATION FACTORS, analysis/ *BLOOD PLATELETS, analysis/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ *FATTY ACIDS, blood/ HUMAN/ *PHOSPHOLIPIDS, blood/ THROMBOPLASTIN, analysis

771. **Bogolepov NK, Fedin AI:** Epilepticheskiĭ status pri narusheniiakh mozgovogo krovoobrashcheniia.
Zh Nevropatol Psikhiatr 72:528-37, 1972 (Rus)
ADULT/ AGED/ CEREBRAL ARTERIOSCLEROSIS, complications/ CEREBRAL EMBOLISM AND THROMBOSIS, complications/ CEREBRAL EMBOLISM AND THROMBOSIS, etiology/ CEREBRAL HEMORRHAGE, complications/ *CEREBROVASCULAR DISORDERS, complications/ CEREBROVASCULAR DISORDERS, diagnosis/ CHRONIC DISEASE/ CUSHING'S SYNDROME, complications/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ EPILEPSY, diagnosis/ *EPILEPSY, etiology/ FEMALE/ HEMORRHAGIC DIATHESIS, complications/ HUMAN/ MALE/ MIDDLE AGE/ PROGNOSIS/ RHEUMATIC HEART DISEASE, complications/ SUBARACHNOID HEMORRHAGE, complications

772. **Böhm E, Tschomakov M:** Ein Sekundenphänomen der vitalen Reaktion, demonstriert an Stichverletzungen von Arterien.
Z Rechtsmed 71:235-42, 1972 (Ger)
ANIMAL EXPERIMENTS/ AORTA, ABDOMINAL, injuries/ *ARTERIES, injuries/ BLOOD PLATELETS/ CADAVER/ ENDOTHELIUM, pathology/ ENGLISH ABSTRACT/ FIBRIN/ *FORENSIC MEDICINE/ HUMAN/ MICROSCOPY, ELECTRON, SCANNING/ POSTMORTEM CHANGES/ RABBITS/ RATS/ TIME FACTORS/ *WOUNDS AND INJURIES, pathology

773. **Böhme H:** Uber die Variabilität physiologischer Eigenschaften in der Gattung Microsporum Gruby. I. Verwertung von Oleum pedum tauri durch M. audouinii und M. gypseum.
Z Allg Mikrobiol 12:443-50, 1972 (Ger)
AMMONIA, analysis/ AMMONIUM COMPOUNDS, metabolism/ CULTURE MEDIA/ DEAMINATION/ ENGLISH ABSTRACT/ ESTERASES, analysis/ GLUTAMATES, metabolism/ HYDROGEN-ION CONCENTRATION/ LIPASE, analysis/ MICROSPORUM, enzymology/ *MICROSPORUM, growth & development/ MICROSPORUM, metabolism/ MICROSPORUM, pathogenicity/ PEPTIDE HYDROLASES, analysis/ PHOSPHATASES, analysis/ PHOSPHATES, analysis/ PHOSPHATES, metabolism/ PHYSIOLOGY, COMPARATIVE/ TIME FACTORS

774. **Bohn H:** Comparative studies on the fibrin-stabilizing factors from human plasma, platelets and placentas.
Ann NY Acad Sci 202:256-72, 8 Dec 72
ACRIDINES/ AMINO ACIDS, analysis/ AMMONIUM SULFATE/ *BLOOD PLATELETS, enzymology/ CARBOHYDRATES, analysis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ ENZYME PRECURSORS/ FACTOR XIII, analysis/ *FACTOR XIII, isolation & purification/ FEMALE/ FIBRIN/ GEL DIFFUSION TESTS/ GEL FILTRATION/ GLUTAMINE/ GLYCOPROTEINS, analysis/ *GLYCOPROTEINS, isolation & purification/ HUMAN/ MOLECULAR WEIGHT/ ORGAN SPECIFICITY/ *PLACENTA, enzymology/ PREGNANCY/ RABBITS, immunology/ TRANSFERASES, blood/ TRANSFERASES, isolation & purification

775. **Bohn H, Becker W, Trobisch H:** Die molekulare Struktur der fibrinstablisierenden Faktoren des Menschen. II. Vergleichennde immunologische Untersuchungen von Faktor-XIII-Mangelplasmen und Normalplasma.
Blut 26:303-11, May 73 (Ger)
BETA GLOBULIN, analysis/ ENGLISH ABSTRACT/ *FACTOR XIII, analysis/ *FACTOR XIII DEFICIENCY, blood/ FACTOR XIII DEFICIENCY, familial & genetic/ GEL FILTRATION/ HOMOZYGOTE/ HUMAN/ IMMUNOELECTROPHORESIS/ MOLECULAR WEIGHT/ NOMENCLATURE/ RABBITS, immunology

776. **Bohn H, Haupt H, Kranz T:** Die molekulare Struktur der fibrinstabilisierteenden Faktoren des Menschen.
Blut 25:235-48, Oct 72 (Ger)
BLOOD PLATELETS, analysis/ ELECTROPHORESIS, PAPER/ ENGLISH ABSTRACT/ *FACTOR XIII, analysis/ FACTOR XIII, isolation & purification/ FACTOR XIII, metabolism/ FIBRINOGEN/ GLYCOPROTEINS, analysis/ HEXOSAMINES, analysis/ HEXOSES, analysis/ HUMAN/ MERCAPTOETHANOL, pharmacodynamics/ MOLECULAR CONFORMATION/ MOLECULAR WEIGHT/ NEURAMINIC ACIDS, analysis/ PLACENTA, analysis/ ULTRACENTRIFUGATION/ UREA, pharmacodynamics

777. **Bohorquez F, Stout C:** Arteriosclerosis in exotic mammals.
Atherosclerosis 16:225-31, Sep-Oct 72
AGE FACTORS/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ AORTA, pathology/ ARTERIES/ ARTERIOSCLEROSIS, occurrence/ ARTERIOSCLEROSIS, pathology/ *ARTERIOSCLEROSIS, veterinary/ CORONARY DISEASE, occurrence/ CORONARY DISEASE, pathology/ *CORONARY DISEASE, veterinary/ CORONARY VESSELS, pathology/ EDENTATA/ FATTY STREAK, ARTERIAL, occurrence/ FATTY STREAK, ARTERIAL, pathology/ FATTY STREAK, ARTERIAL, veterinary/ FEMALE/ INSECTIVORA/ MALE/ MAMMALS/ MARSUPIALIA/ RATS/ RODENT DISEASES, occurrence/ RODENT DISEASES, pathology/ RODENTS

778. **Bohutová J:** Diferenciální diagnostika hladkých tumorózních útarvrů hrtanu.
Cesk Radiol 27:22-8, Jan 73 (Cze)
AGED/ CHONDROMA, radiography/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HEMANGIOMA, radiography/ HODGKIN'S DISEASE, radiography/ HUMAN/ *LARYNGEAL DISEASES, radiography/ *LARYNGEAL NEOPLASMS, radiography/ LEIOMYOMA, radiography/ MIDDLE AGE/ PLASMACYTOMA, radiography/ TOMOGRAPHY, RADIOGRAPHIC

779. **Boime I, Leder P:** Protein synthesis directed by encephalomyocarditis virus mRNA. 3. Discrete polypeptides translated from a monocistronic messenger in vitro.
Arch Biochem Biophys 153:706-13, Dec 72
AUTORADIOGRAPHY/ CARCINOMA, KREBS 2, enzymology/ CELL-FREE SYSTEM/ CENTRIFUGATION, DENSITY GRADIENT/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ENCEPHALOMYOCARDITIS VIRUSES, enzymology/ MODELS, BIOLOGICAL/ MOLECULAR WEIGHT/ PEPTIDE CHAIN INITIATION/ PEPTIDE CHAIN TERMINATION/ PEPTIDES, analysis/ PEPTIDES, biosynthesis/ *RNA, MESSENGER, metabolism/ *RNA, VIRAL, metabolism/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SULFUR ISOTOPES/ TIME FACTORS/ TRANSLATION, GENETIC/ *TRANSLATION, GENETIC/ TRYPSIN

780. **Boiron M, Bussel A:** Les transfusions de globules blancs.
Therapeutique 48:407-10, May-Jun 72 (Fre)
BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ HUMAN/ *LEUKEMIA, therapy/ *LEUKOCYTES/ *LEUKOPENIA, therapy/ METHODS

781. **Boisseau M, Clémenty J, Lardeau P, et al:** Aspects actuels du traitement anticoagulant.
Bord Med 5:2079-91, Oct 72 (Fre)
ANTICOAGULANTS, administration & dosage/

ANTICOAGULANTS, adverse effects/ *ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION TESTS/ *CARDIOVASCULAR DISEASES, drug therapy/ ENGLISH ABSTRACT/ HUMAN

782. **Boivin P, Guilaine J, Kahn A:** Un nouveau cas de mastocytose systémique.
Bull Soc Fr Dermatol Syphiligr 79:469-73, 1972 **(Fre)**
BIOPSY/ BONE AND BONES, radiography/ BONE DISEASES, complications/ ENDOSCOPY/ GASTROINTESTINAL DISEASES, complications/ GASTROINTESTINAL DISEASES, radiography/ HEMATOLOGIC DISEASES, complications/ HUMAN/ LIVER DISEASES, complications/ MALE/ MAST CELLS/ MIDDLE AGE/ THROMBOPENIA, complications/ *URTICARIA PIGMENTOSA/ URTICARIA PIGMENTOSA, complications/ URTICARIA PIGMENTOSA, pathology

783. **Boland MJ, Hardman MJ:** The actinidin-catalysed hydrolysis of N-a-benzyloxycarbonyl-L-lysine p-nitrophenyl ester. pH dependence and mechanism.
Eur J Biochem 36:575-82, 16 Jul 73
ACYLATION/ CHEMISTRY/ ESTERS/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ KINETICS/ *LYSINE/ *NITROPHENOLS/ *PEPTIDE HYDROLASES/ PLANTS, enzymology

784. **Boland MJ, Hardman MJ:** Kinetic studies on the thiol protease from Actinidia chinensis.
FEBS Lett 27:282-4, 1 Nov 72
CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, DEAE-CELLULOSE/ KINETICS/ MOLECULAR WEIGHT/ NITROPHENOLS/ PAPAIN, metabolism/ *PEPTIDE HYDROLASES, metabolism/ *PLANTS, enzymology/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TIME FACTORS

785. **Bolgert M, Richer J:** Deux cas d'hypoplaquettose provoquée par le thiophénicol.
Ann Med Interne (Paris) 123:431-2, Apr 72 **(Fre)**
ADRENAL GLANDS, blood supply/ AGED/ *ANTIBIOTICS, adverse effects/ BLOOD COAGULATION DISORDERS, chemically induced/ *CHLORAMPHENICOL, adverse effects/ FEMALE/ FINGERS/ HEMORRHAGE/ HUMAN/ MIDDLE AGE/ PURPURA, chemically induced/ SKIN MANIFESTATIONS/ *SULFONES, adverse effects/ *THROMBOPENIA, chemically induced

786. **Bollack C, Gauthier-Lafaye P, Masson JC, et al:** Influence de l'anesthésie péridurale continue dans la réduction de l'hémorragie per- et post-opératoire de l'adénomectomie prostatique à propos de 159 cas (janvier 1970-mars 1971.
J Urol Nephrol (Paris) 78:480-6, Jun 72 **(Fre)**
AGED/ *ANESTHESIA, EPIDURAL/ BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ HEMORRHAGE, mortality/ *HEMORRHAGE, prevention & control/ HEMOSTASIS/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PROGNOSIS/ *PROSTATECTOMY/ PROSTATECTOMY, mortality/ *PROSTATIC HYPERTROPHY, surgery

787. **Bolonina VP, Belokonova IG:** Elektronnomikroskopicheskie issledovaniia trombotsitov v sem'iakh bol'nykh koronarnym aterosklerozom.
Kardiologiia 12:42-5, Mar 72 **(Rus)**
ADULT/ AGED/ ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, familial & genetic/ *BLOOD PLATELETS/ *CORONARY DISEASE, blood/ CORONARY DISEASE, familial & genetic/ ENGLISH ABSTRACT/ HUMAN/ MICROSCOPY, ELECTRON/ MIDDLE AGE

788. **Bolufer J, Larralde J, Ponz F:** The effect of dicoumarol and aesculine on the accumulation of D-galactose by the intestinal rings of hamsters.
Pfluegers Arch 338:159-67, 22 Jan 73
ANIMAL EXPERIMENTS/ *BIOFLAVONOIDS, pharmacodynamics/ BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ *BISHYDROXYCOUMARIN, pharmacodynamics/ GALACTOSE, analysis/ *GALACTOSE, metabolism/ HAMSTERS/ IN VITRO/ INTESTINE, SMALL, analysis/ *INTESTINE, SMALL, metabolism/ KINETICS/ OXYGEN CONSUMPTION, drug effects

789. **Bona CA:** Fate of endotoxin in macrophages: biological and ultrastructural aspects.
J Infect Dis 128:Suppl:74-81, Jul 73
ANIMAL EXPERIMENTS/ BACTERIOLOGICAL TECHNICS/ *ENDOTOXINS/ IN VITRO/ LYMPHOCYTES, immunology/ LYSOSOMES, immunology/ *MACROPHAGES/ MALE/ MICROSCOPY, ELECTRON/ *PINOCYTOSIS/ RABBITS/ *SALMONELLA/ SHWARTZMAN PHENOMENON

790. **Bonamour G:** Occlusions artérielles rétiniennes. Revue de la littérature des cinq dernières années.
Arch Ophtalmol (Paris) 32:767-78, Nov 72 (98 ref.) **(Fre)**
*ARTERIAL OCCLUSIVE DISEASES/ ARTERIAL OCCLUSIVE DISEASES, drug therapy/ ARTERIAL OCCLUSIVE DISEASES, etiology/ ARTERIAL OCCLUSIVE DISEASES, physiopathology/ ARTERIAL OCCLUSIVE DISEASES, surgery/ ARTERIOSCLEROSIS, complications/ ELECTRORETINOGRAPHY/ EMBOLISM, complications/ FIBRINOLYTIC AGENTS, administration & dosage/ FLUORESCENCE ANGIOGRAPHY/ HUMAN/ *RETINAL ARTERY/ REVIEW

791. **Bond GH:** Ligand-induced conformational changes in the (Mg 2+ + Ca 2+)-dependent ATPase of red cell membranes.
Biochim Biophys Acta 288:423-33, 2 Nov 72
ADENOSINE TRIPHOSPHATASE, antagonists & inhibitors/ *ADENOSINE TRIPHOSPHATASE, blood/ *ADENOSINE TRIPHOSPHATE, pharmacodynamics/ BIOLOGICAL TRANSPORT/ CALCIUM/ *CALCIUM, pharmacodynamics/ CELL MEMBRANE, enzymology/ DRUG STABILITY/ DRUG SYNERGISM/ ERYTHROCYTES, drug effects/ *ERYTHROCYTES, enzymology/ ETHYLMALEIMIDE, pharmacodynamics/ HEAT/ HUMAN/ LITHIUM, pharmacodynamics/ MAGNESIUM/ *MAGNESIUM, pharmacodynamics/ MEMBRANES, drug effects/ POTASSIUM, pharmacodynamics/ PROTEIN CONFORMATION, drug effects/ SODIUM, pharmacodynamics/ SULFHYDRYL COMPOUNDS, metabolism/ TRYPSIN, pharmacodynamics

792. **Bond RE, Donadio JV Jr, Holley KE, et al:** Fibrinolytic split products. A clinicopathological correlative study in adults with lupus glomerulonephritis and various renal diseases. Arch Intern Med 132:182-7, Aug 73
ADOLESCENCE/ ADULT/ AGED/ BLOOD CELL COUNT/ *BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ COMPLEMENT, analysis/ CREATININE, blood/ DISSEMINATED INTRAVASCULAR COAGULATION/ FEMALE/ FIBRIN, metabolism/ *FIBRINOGEN, analysis/ FIBRINOGEN, metabolism/ *FIBRINOLYSIS/ *GLOMERULONEPHRITIS, blood/ HUMAN/ *KIDNEY DISEASES, blood/ KIDNEY GLOMERULUS, metabolism/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, blood/ MALE/ MIDDLE AGE/ PROTEINURIA, complications/ PROTHROMBIN TIME

793. **Boneu B, Bierme R, Boneu A, et al:** Renouvellement plaquettaire et durée d'inhibition de la deuxième vague d'agrégation après prise unique d'aspirine.
Pathol Biol (Paris) Suppl:71-5, Dec 72 **(Fre)**
ARTERIOSCLEROSIS, physiopathology/ *ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ *CELL AGGREGATION, drug effects/ CELL SURVIVAL/ ENGLISH ABSTRACT/ HUMAN/ IN VITRO/ TIME FACTORS

794. **Boneu B, Boneu A, Bierme R:** Dérivés salicylés: etude des fonctions et du renouvellement plaquettaire.
Nouv Rev Fr Hematol 12:705, Sep-Oct 72 **(Fre)**
*ASPIRIN, pharmacodynamics/ ASPIRIN, therapeutic use/ *BLOOD PLATELETS, drug effects/ *CELL AGGREGATION, drug effects/ CELL DIVISION, drug effects/ HUMAN

795. **Boneu B, Pris J, Guiraud B, et al:** Anomalies de l'agrégation plaquettaire au cours des thrombocytémies essentielles. Effets de l'aspirine sur les érythromélalgies.
Nouv Presse Med 1:2383-8, 14 Oct 72 **(Fre)**
ADENOSINE DIPHOSPHATE, pharmacodynamics/ AGED/ ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, etiology/ *ASPIRIN, therapeutic use/ BLOOD CELL COUNT/ *BLOOD PLATELET DISORDERS, blood/ BLOOD PLATELET DISORDERS, complications/ BLOOD PLATELETS, drug effects/ CELL SURVIVAL/ CHROMIUM ISOTOPES/ ENGLISH ABSTRACT/ EPINEPHRINE, pharmacodynamics/ *ERYTHROMELALGIA/ ERYTHROMELALGIA, drug therapy/ ERYTHROMELALGIA, etiology/ FEMALE/ HUMAN/ KINETICS/ MALE/ MIDDLE AGE/ TIME FACTORS

796. **Bonforte RJ, Topilsky M, Siltzbach LE, et al:** Phytohemagglutinin skin test: a possible in vivo measure of cell-mediated immunity.
J Pediatr 81:775-80, Oct 72
ABNORMALITIES, MULTIPLE, immunology/ ADOLESCENCE/ ADULT/ CANDIDA/ CARBON ISOTOPES/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HODGKIN'S DISEASE, immunology/ HUMAN/ HYDROCEPHALUS, immunology/ *IMMUNITY, CELLULAR/ INFANT/ INFANT, NEWBORN/ INFANT, PREMATURE/ INJECTIONS, INTRADERMAL/ MALE/ MICROCEPHALY, immunology/ MIDDLE AGE/ *PLANT AGGLUTININS/ RUBELLA, immunology/ SARCOIDOSIS, immunology/ *SKIN TESTS/ STREPTODORNASE AND STREPTOKINASE

797. **Bonilla CA, Faith MR, Minton SA Jr:** L-amino acid oxidase, phosphodiesterase, total protein and other properties of juvenile timber rattlesnake (C. H. horridus) venom at different stages of growth.
Toxicon 11:301-3, Apr 73
AGE FACTORS/ AMINO ACIDS/ *AMINOACID OXIDOREDUCTASES, analysis/ BLOOD COAGULATION, drug effects/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HUMAN/ HYDROGEN-ION CONCENTRATION/ PEPTIDE HYDROLASES, analysis/ *PHOSPHODIESTERASES, analysis/ PROTEINS, analysis/ PROTHROMBIN TIME/ *SNAKES, growth & development/ THROMBIN, analysis/ *VENOMS, analysis/ VENOMS, pharmacodynamics

798. **Bonin A, Roy CC, Lasalle R, et al:** Fecal chymotrypsin: a reliable index of exocrine pancreatic function in children. J Pediatr 83:594-600, Oct 73
BODY WEIGHT/ CELIAC DISEASE, complications/ CELIAC DISEASE, enzymology/ CHILD, PRESCHOOL/ *CHYMOTRYPSIN, analysis/ CYSTIC FIBROSIS, complications/ CYSTIC FIBROSIS, enzymology/ DUODENUM, enzymology/ *FECES, enzymology/ HUMAN/ INFANT/ INTESTINAL DISEASES, enzymology/ LIVER DISEASES, enzymology/ *PANCREAS, physiopathology/ PANCREATIC DISEASES, enzymology/ TIME FACTORS

799. **Bonin B, Straub PW, Schibli R, et al:** Blood coagulation during critical decompression following diving experiments with oxygen-helium.
Aerosp Med 44:508-12, May 73
*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ *DECOMPRESSION SICKNESS, blood/ *DIVING/ *FIBRINOLYSIS/ HELIUM, pharmacodynamics/ HUMAN/ HYPERBARIC OXYGENATION/ MALE/ SUBMARINE MEDICINE

800. **Boniuk M:** Glaucoma in the congenital rubella syndrome. Int Ophthalmol Clin 12:121-36, Summer 72
*ABNORMALITIES, MULTIPLE/ AGE FACTORS/ CATARACT, congenital/ CATARACT EXTRACTION, adverse effects/ CEREBRAL PALSY, congenital/ CHILD/ CHILD, PRESCHOOL/ CORNEAL OPACITY, congenital/ DEAFNESS, congenital/ EYE, pathology/ FEMALE/ GAMMA GLOBULIN, therapeutic use/ GLAUCOMA, congenital/ *GLAUCOMA, etiology/ GLAUCOMA, pathology/ HUMAN/ HYDROPHTHALMOS/ INFANT/ INFANT, NEWBORN/ MALE/ PREGNANCY/ *PREGNANCY COMPLICATIONS, INFECTIOUS/ *RUBELLA, congenital/ THROMBOPENIA, congenital

801. **Bonnabeau RC Jr, Armanious AW, Tarnay TJ:** Partial replacement of pericardium with dura substitute.
J Thorac Cardiovasc Surg 66:196-201, Aug 73
ADHESIONS, prevention & control/ ADULT/ AGED/ ANIMAL EXPERIMENTS/ AORTIC VALVE, surgery/ AORTOCORONARY BYPASS/ DOGS/ FEMALE/ *HEART SURGERY/ HEART VALVE PROSTHESIS/ HEART VENTRICLE/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ MYOCARDIUM, pathology/ *PERICARDIUM, surgery/ *POLYETHYLENE TEREPHTHALATE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *PROSTHESIS/ SAPHENOUS VEIN, surgery/ *SILICONE ELASTOMERS/ VENA CAVA, INFERIOR, pathology

802. **Bonnar J:** A review of the obstetrical aspects of haemostasis. Br J Haematol 25:274-5, Aug 73
*BLOOD COAGULATION DISORDERS/ FACTOR VII, analysis/ FACTOR VIII, analysis/ FACTOR X, analysis/ FEMALE/ FIBRINOGEN, analysis/ HEMORRHAGE/ HUMAN/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ THROMBOEMBOLISM

803. **Bonneau M, Latour M, Reviliard JP, et al:** Blocking antibodies eluted from human placenta.
Transplant Proc 5:589-92, Mar 73
ADULT/ AGGLUTINATION TESTS/ *ANTIBODIES, analysis/ ANTIBODY DISSOCIATION/ COMPLEMENT/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FEMALE/ HISTOCOMPATIBILITY/ HUMAN/ LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES, immunology/ MITOMYCIN, pharmacodynamics/ *PLACENTA, immunology/ PLANT AGGLUTININS, pharmacodynamics/ PREGNANCY/ STREPTODORNASE AND STREPTOKINASE, pharmacodynamics/ THYMIDINE, metabolism/ TRITIUM/ TUBERCULIN, pharmacodynamics

804. **Bonner MJ, Miller BF, Kothari HV:** Influence of vitamin A on experimental atherosclerosis in rabbits.
Experientia 29:187-8, 15 Feb 73
ANIMAL EXPERIMENTS/ *ANTICHOLESTEREMIC AGENTS, therapeutic use/ AORTIC DISEASES, prevention & control/ ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, enzymology/ ARTERIOSCLEROSIS, etiology/ *ARTERIOSCLEROSIS, prevention & control/ CHOLESTEROL, blood/ CHOLESTEROL, DIETARY/ DIET, ATHEROGENIC/ GLUCURONIDASE, blood/ MALE/ RABBITS/ VITAMIN A, pharmacodynamics/ *VITAMIN A, therapeutic use

805. **Bonnet M:** Le syndrome d'Irvine-Gass. IV. Etiologie. V. Pathogénie. VI. Traitement.
Arch Ophtalmol (Paris) 32:801-14, Dec 72 **(Fre)**
ADULT/ AGE FACTORS/ AGED/ *CATARACT EXTRACTION, adverse effects/ CHYMOTRYPSIN, adverse effects/ CORNEA, surgery/ *EDEMA, etiology/ EDEMA, prevention & control/ EDEMA, surgery/ EDEMA, therapy/ ENGLISH ABSTRACT/ EYE DISEASES, complications/ FEMALE/ HUMAN/ IRIS, surgery/ *MACULA LUTEA/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ PREDNISONE, therapeutic

use/ *RETINAL DISEASES, etiology/ RETINAL DISEASES, prevention & control/ RETINAL DISEASES, surgery/ RETINAL DISEASES, therapy/ SYNDROME/ VITREOUS BODY

806. **Boon DJ, Eveloff AR, Pilapil VR:** Vitamin K, hepatic fatty infiltration, and Reye's syndrome.
Pediatrics 51:153-4, Jan 73
*ADIPOSE TISSUE/ ADOLESCENCE/ BIOPSY/ *BRAIN DISEASES, diagnosis/ CASE REPORT/ *FATTY LIVER, diagnosis/ FEMALE/ *HEPATITIS, diagnosis/ HEPATITIS, pathology/ HUMAN/ KIDNEY DISEASES, diagnosis/ LIVER, pathology/ VIRUS DISEASES, diagnosis/ VITAMIN K, diagnostic use

807. **Booth JC, Pay TW:** Haemagglutination by type SAT 2 foot-and-mouth disease viruses.
J Gen Virol 19:397-404, Jun 73
ANTIGENS, VIRAL, analysis/ BINDING SITES, ANTIBODY/ CATTLE/ CELL LINE/ COMPLEMENT FIXATION TESTS/ ERYTHROCYTES, immunology/ FOOT-AND-MOUTH DISEASE VIRUS, growth & development/ *FOOT-AND-MOUTH DISEASE VIRUS, immunology/ GUINEA PIGS, immunology/ HAMSTERS/ HEAT/ HEMAGGLUTINATION INHIBITION TESTS/ *HEMAGGLUTINATION TESTS/ HEMAGGLUTININS, VIRAL, analysis/ HYDROGEN-ION CONCENTRATION/ KIDNEY/ MAGNESIUM, pharmacodynamics/ SEROTYPING/ THYROID GLAND/ TISSUE CULTURE/ TRYPSIN, pharmacodynamics

808. **Booyse FM, Hoveke TP, Rafelson ME Jr:** Human platelet actin. Isolation and properties.
J Biol Chem 248:4083-91, 10 Jun 73
*ACTIN, blood/ ACTIN, isolation & purification/ ACTOMYOSIN, analysis/ ACTOMYOSIN, blood/ ADENOSINE TRIPHOSPHATASE/ ADENOSINE TRIPHOSPHATE/ AMINO ACIDS, analysis/ *BLOOD PLATELETS, analysis/ COMPARATIVE STUDY/ CYANOGEN BROMIDE/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HUMAN/ MICROSCOPY, ELECTRON/ MOLECULAR WEIGHT/ MUSCLES, analysis/ MUSCLES, enzymology/ MYOSIN, blood/ MYOSIN, isolation & purification/ PEPTIDES, isolation & purification/ RABBITS/ SODIUM DODECYL SULFATE/ SOLUBILITY/ ULTRACENTRIFUGATION/ VISCOSITY

809. **Booyse FM, Rafelson ME Jr:** Regulation and mechanism of platelet aggregation.
Ann NY Acad Sci 201:37-60, 27 Oct 72
ADENOSINE, pharmacodynamics/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ BLOOD PLATELETS, cytology/ BLOOD PLATELETS, drug effects/ CELL MEMBRANE/ COLCHICINE, pharmacodynamics/ COLD/ COLLAGEN, pharmacodynamics/ ETHYLMALEIMIDE, pharmacodynamics/ GLASS/ HUMAN/ IODOACETATES, pharmacodynamics/ LYSINE, pharmacodynamics/ MERCURIBENZOATES, pharmacodynamics/ MICROSCOPY, ELECTRON, SCANNING/ *PLATELET ADHESIVENESS/ THROMBIN, pharmacodynamics

810. **Bora FW Jr, Lane JM, Prockop DJ:** Inhibitors of collagen biosynthesis as a means of controlling scar formation in tendon injury.
J Bone Joint Surg [Am] 54:1501-8, Oct 72
*ADHESIONS, prevention & control/ *AMINOPROPIONITRILE, therapeutic use/ AMINOPROPIONITRILE, toxicity/ ANIMAL EXPERIMENTS/ *CHELATING AGENTS, therapeutic use/ CHELATING AGENTS, toxicity/ *CICATRIX, prevention & control/ *COLLAGEN, biosynthesis/ HINDLIMB/ *HYDROXYPROLINE, therapeutic use/ HYDROXYPROLINE, toxicity/ *PENICILLAMINE, therapeutic use/ PENICILLAMINE, toxicity/ *PYRIDINES, therapeutic use/ PYRIDINES, toxicity/ RATS/ *TENDON INJURIES, complications/ *WOUND HEALING, drug effects

811. **Borberg H, Voigtmann R, Salfner B, et al:** Continuous flow plateletpheresis for the preparation of platelet derived HL-A antigens. Tissue Antigens 2:478-9, 1972
*BLOOD PLATELETS, immunology/ CENTRIFUGATION/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ *HISTOCOMPATIBILITY ANTIGENS, isolation & purification/ HUMAN/ PLASMAPHERESIS

812. **Borek C, Grob M, Burger MM:** Surface alterations in transformed epithelial and fibroblastic cells in culture: a disturbance of membrane degradation versus biosynthesis? Exp Cell Res 77:207-15, 15 Mar 73
*CELL MEMBRANE/ *CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED/ CLONE CELLS/ CONCANAVALIN A, pharmacodynamics/ CYCLOHEXIMIDE, pharmacodynamics/ *EPITHELIAL CELLS/ EPITHELIAL CELLS, drug effects/ *FIBROBLASTS/ FIBROBLASTS, drug effects/ HEPATOMA/ LIVER/ NEOPLASM PROTEINS, biosynthesis/ PEPTIDE HYDROLASES, pharmacodynamics/ PLANT AGGLUTININS, pharmacodynamics/ PROTEINS, antagonists & inhibitors/ PROTEINS, biosynthesis/ RATS/ SURFACE PROPERTIES

813. **Borel JF:** Effect of some drugs on the chemotaxis of rabbit neutrophils in vitro.
Experientia 29:676-8, 15 Jun 73
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ *ANALGESICS AND ANTIPYRETICS, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ANTIBIOTICS, pharmacodynamics/ *ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ *CHEMOTAXIS, drug effects/ CHLOROQUINE, pharmacodynamics/ CYTOCHALASIN B, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ DEMECOLCINE, pharmacodynamics/ DEXAMETHASONE, pharmacodynamics/ DTPA, pharmacodynamics/ GLUCOCORTICOIDS, pharmacodynamics/ GLUCOSE, pharmacodynamics/ HYDROCORTISONE, pharmacodynamics/ INDOLEACETIC ACID, pharmacodynamics/ INDOMETHACIN, pharmacodynamics/ MITOGENS, pharmacodynamics/ *NEUTROPHILS, drug effects/ PHENYLBUTAZONE, pharmacodynamics/ PLANT AGGLUTININS, pharmacodynamics/ RABBITS/ SALICYLATES, pharmacodynamics/ TRYPSIN, pharmacodynamics/ VINCRISTINE, pharmacodynamics

814. **Borensztajn J, Getz GS:** The contribution of lipogenesis in situ to the accumulation of fat by rat adipose tissue.
Biochim Biophys Acta 280:86-93, 7 Sep 72
ADIPOSE TISSUE, enzymology/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ DIET/ EPIDIDYMIS/ FATS/ GLUCOSE, metabolism/ IN VITRO/ KINETICS/ *LIPIDS, biosynthesis/ LIPIDS, blood/ LIPIDS, isolation & purification/ LIPIDS, metabolism/ LIPOPROTEIN LIPASE, analysis/ LIVER, drug effects/ LIVER, metabolism/ MALE/ OROTIC ACID, pharmacodynamics/ PERFUSION/ RATS/ TRIGLYCERIDES, blood/ TRIGLYCERIDES, secretion

815. **Borensztajn J, Keig P, Rubenstein AH:** The role of glucagon in the regulation of myocardial lipoprotein lipase activity.
Biochem Biophys Res Commun 53:603-8, 17 Jul 73
ADIPOSE TISSUE, enzymology/ ANIMAL EXPERIMENTS/ BLOOD SUGAR, metabolism/ DEPRESSION, CHEMICAL/ GLUCAGON, blood/ *GLUCAGON, pharmacodynamics/ HEART, drug effects/ INSULIN, blood/ *LIPOPROTEIN LIPASE, metabolism/ MALE/ *MYOCARDIUM, enzymology/ RATS/ STARVATION/ STIMULATION, CHEMICAL/ SWINE/ TIME FACTORS

816. **Borensztajn J, Samols DR, Rubenstein AH:** Effects of insulin on lipoprotein lipase activity in the rat heart and adipose tissue. Am J Physiol 223:1271-5, Dec 72
*ADIPOSE TISSUE, enzymology/ ANIMAL EXPERIMENTS/ BLOOD SUGAR, analysis/ DIET/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FOOD DEPRIVATION/ GLUCOSE, administration & dosage/ HEPTOSES, pharmacodynamics/ INJECTIONS, INTRAPERITONEAL/ INSULIN, administration & dosage/ *INSULIN, pharmacodynamics/ KETONES, pharmacodynamics/ LIPOPROTEIN LIPASE, antagonists & inhibitors/ *LIPOPROTEIN LIPASE, metabolism/ MALE/ *MYOCARDIUM, enzymology/ RATS/ STIMULATION, CHEMICAL/ TOLBUTAMIDE, pharmacodynamics

817. **Borle AB:** Calcium metabolism at the cellular level. Fed Proc 32:1944-50, Sep 73
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ANTIMYCIN A, pharmacodynamics/ BIOLOGICAL TRANSPORT/ BUTYRATES, pharmacodynamics/ CALCIUM, analysis/ *CALCIUM, metabolism/ CYTOPLASM, analysis/ HOMEOSTASIS/ KIDNEY, cytology/ KIDNEY, metabolism/ KINETICS/ MITOCHONDRIA, analysis/ MITOCHONDRIA, drug effects/ *MITOCHONDRIA, metabolism/ MITOCHONDRIA, physiology/ MODELS, BIOLOGICAL/ PARATHYROID HORMONE, pharmacodynamics/ PHOSPHATES, pharmacodynamics/ THYROCALCITONIN, pharmacodynamics/ VITAMIN D, pharmacodynamics/ WARFARIN, pharmacodynamics

818. **Borle AB:** Kinetic analysis of calcium movements in cell culture. V. Intracellular calcium distribution in kidney cells. J Membr Biol 10:45-66, 1972
ANIMAL EXPERIMENTS/ ANTIMYCIN A, pharmacodynamics/ BIOLOGICAL TRANSPORT/ BIOLOGICAL TRANSPORT, drug effects/ *CALCIUM, metabolism/ CALCIUM, pharmacodynamics/ CALCIUM ISOTOPES/ CELLS, CULTURED/ COLD/ CYTOPLASM, metabolism/ KIDNEY, cytology/ KIDNEY, drug effects/ *KIDNEY, metabolism/ KIDNEY, physiology/ KINETICS/ MATHEMATICS/ MITOCHONDRIA, physiology/ MONKEYS/ PHOSPHATES, pharmacodynamics/ WARFARIN, pharmacodynamics

819. **Born GV:** Current ideas on the mechanism of platelet aggregation. Ann NY Acad Sci 201:4-12, 27 Oct 72
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, drug effects/ CELL AGGREGATION/ EPINEPHRINE, pharmacodynamics/ HEMOSTASIS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *PLATELET ADHESIVENESS/ PSEUDOPODIA, drug effects/ SEROTONIN, pharmacodynamics/ SURFACE PROPERTIES/ THROMBIN, pharmacodynamics

820. **Born GV:** The functional physiology of blood platelets. Adv Exp Med Biol 34:3-21, 1972 (64 ref.)
ADENOSINE DIPHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATASE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ ADSORPTION/ BIOLOGICAL TRANSPORT/ BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, physiology/ CELL MEMBRANE/ FIBRINOGEN/ *HEMOSTASIS/ PLATELET ADHESIVENESS/ POTASSIUM, metabolism/ REVIEW

821. **Born GV:** The functional physiology of blood platelets. Adv Exp Med Biol 34:3-21, 1972 (64 ref.)
ADENOSINE DIPHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATASE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ ADSORPTION/ BIOLOGICAL TRANSPORT/ BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, physiology/ CELL MEMBRANE/ *HEMOSTASIS/ PLATELET ADHESIVENESS/ POTASSIUM, metabolism/ REVIEW

822. **Born GV:** The wall and platelets--present status. Verh Dtsch Ges Inn Med 78:1205, 1972
*ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, complications/ *BLOOD PLATELETS/ THROMBOSIS, complications

823. **Born GV, Fouiks J, Michal F, et al:** Reversal of the rapid morphological reaction of platelets. J Physiol (Lond) 225:27P-28P, Sep 72
*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE, pharmacodynamics/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, drug effects/ EDTA, pharmacodynamics/ MICROSCOPY, ELECTRON/ PROSTAGLANDINS, pharmacodynamics/ RABBITS

824. **Born W:** Strahlenbehandlung von Hämangiomen im Kindesalter. Z Allgemeinmed 49:51-6, 20 Jan 73 (Ger)
ADOLESCENCE/ ADULT/ CHILD, PRESCHOOL/ FEMALE/ *HEMANGIOMA, radiotherapy/ HUMAN/ INFANT/ MALE/ RADIOISOTOPE TELETHERAPY/ RADIOTHERAPY DOSAGE/ TIME FACTORS

825. **Bornemisza G, Furka I, Gyurkó G, et al:** Experimental heterotopic liver transplantation. Acta Chir Acad Sci Hung 13:385-93, 1972
ANIMAL EXPERIMENTS/ BLOOD COAGULATION DISORDERS, etiology/ DOGS/ LIVER, pathology/ *LIVER, transplantation/ LIVER CIRCULATION/ METHODS/ POSTOPERATIVE COMPLICATIONS/ REIMPLANTATION/ SPLEEN, surgery/ TRANSPLANTATION, AUTOLOGOUS

826. **Bornside GH, Bornside BB, Cohn I Jr:** Development of tetracycline-resistant Staphylococcus aureus in gnotobiotic mice. Infect Immun 5:505-12, Apr 72
ANIMAL EXPERIMENTS/ ANTIBIOTICS, pharmacodynamics/ CARBOXY-LYASES, analysis/ CHLORAMPHENICOL, pharmacodynamics/ COAGULASE, metabolism/ *DRUG RESISTANCE, MICROBIAL/ FECES, microbiology/ GELATIN, metabolism/ GERM-FREE LIFE/ GLUCOSE, analysis/ HYDROLYSIS/ INTESTINES, microbiology/ LACTOSE, analysis/ LYSINE/ MANNITOL, metabolism/ MICE/ MICE, INBRED STRAINS/ ORNITHINE/ PIGMENTATION/ *STAPHYLOCOCCUS, drug effects/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, metabolism/ SUCROSE, analysis/ TETRACYCLINE, administration & dosage/ *TETRACYCLINE, pharmacodynamics/ TIME FACTORS

827. **Boros G, Romhányi M, Horváth A, et al:** Kasabach-Merritt syndrome in an adult. Haematologia (Budap) 7:83-96, 1973
BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ BLOOD PROTEINS, analysis/ BLOOD TRANSFUSION/ BONE MARROW, pathology/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ EDEMA, etiology/ FEMALE/ FIBRINOLYSIS/ *HEMANGIOMA/ HEMANGIOMA, complications/ HEMANGIOMA, therapy/ HUMAN/ IGM, analysis/ IMMUNOELECTROPHORESIS/ KIDNEY, pathology/ LEG/ LIVER, pathology/ MIDDLE AGE/ *PURPURA, THROMBOPENIC/ *SKIN NEOPLASMS/ SPLEEN, pathology/ SYNDROME

828. **Borsa J, Copps TP, Sargent MD, et al:** New intermediate subviral particles in the in vitro uncoating of reovirus virions by chymotrypsin. J Virol 11:552-64, Apr 73
CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ CESIUM, pharmacodynamics/ *CHYMOTRYPSIN, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ L CELLS/ LITHIUM, pharmacodynamics/ MICE/ MICROSCOPY, ELECTRON/ *NUCLEOPROTEINS, analysis/ PEPTIDES, analysis/ PHOSPHATASES, metabolism/ POTASSIUM, pharmacodynamics/ *REOVIRUS, analysis/ REOVIRUS, enzymology/

REOVIRUS, growth & development/ REOVIRUS, isolation & purification/ RNA POLYMERASE, metabolism/ RNA, VIRAL, biosynthesis/ RUBIDIUM, pharmacodynamics/ SODIUM, pharmacodynamics/ TRITIUM/ URIDINE, metabolism/ *VIRAL PROTEINS, analysis

829. **Borsa J, Sargent MD, Long DG, et al:** Extraordinary effects of specific monovalent cations on activation of reovirus transcriptase by chymotrypsin in vitro.
J Virol 11:207-17, Feb 73
AMMONIA, pharmacodynamics/ CENTRIFUGATION, DENSITY GRADIENT/ *CESIUM, pharmacodynamics/ *CHYMOTRYPSIN, pharmacodynamics/ DRUG ANTAGONISM/ DRUG SYNERGISM/ ENZYME ACTIVATION/ HEAT/ L CELLS/ LITHIUM, pharmacodynamics/ MICE/ NUCLEOTIDES/ PHOSPHATASES, metabolism/ *POTASSIUM, pharmacodynamics/ REOVIRUS, drug effects/ *REOVIRUS, enzymology/ REOVIRUS, growth & development/ REOVIRUS, isolation & purification/ *RNA POLYMERASE, metabolism/ *RUBIDIUM, pharmacodynamics/ SODIUM, pharmacodynamics/ SPECTROPHOTOMETRY/ TRITIUM

830. **Borsa J, Sargent MD, Copps TP, et al:** Specific monovalent cation effects on modification of reovirus infectivity by chymotrypsin digestion in vitro.
J Virol 11:1017-9, Jun 73
*CESIUM, pharmacodynamics/ *CHYMOTRYPSIN, metabolism/ ENZYME ACTIVATION, drug effects/ L CELLS/ *LITHIUM, pharmacodynamics/ MICE/ *POTASSIUM, pharmacodynamics/ REOVIRUS, drug effects/ REOVIRUS, enzymology/ REOVIRUS, growth & development/ *REOVIRUS, pathogenicity/ RNA POLYMERASE, metabolism/ *RUBIDIUM, pharmacodynamics/ *SODIUM, pharmacodynamics

831. **Borthakur PC:** Monoamine oxidase (MAO) activity in human serum.
Indian J Physiol Pharmacol 16:345-8, Oct-Dec 72
ADULT/ BLOOD PRESERVATION/ FEMALE/ HUMAN/ ISONIAZID, therapeutic use/ MALE/ *MONOAMINE OXIDASE, blood/ SPECTROPHOTOMETRY/ TUBERCULOSIS, drug therapy/ *TUBERCULOSIS, enzymology

832. **Borthwick R:** Experiences in the clinical use of polyglycolic acid as an absorbable synthetic suture material. Vet Rec 92:386-91, 14 Apr 73
ABSORPTION/ ADHESIONS/ ANIMAL EXPERIMENTS/ *CAT DISEASES, surgery/ CATS/ COLOR/ *DOG DISEASES, surgery/ DOGS/ ECONOMICS/ ESCHERICHIA COLI, isolation & purification/ FEMALE/ LIGATION/ MALE/ *POLYGLYCOLIC ACID/ STREPTOCOCCUS, isolation & purification/ STRESS, MECHANICAL/ SUTURE TECHNICS/ *SUTURES/ WOUND HEALING

833. **Bory M, Djiane P, Serradimigni A:** L'apport de l'opacification cardio-vasculaire sélective dans le diagnostic de l'embolie pulmonaire.
Ann Cardiol Angeiol (Paris) 21:461-8, Oct 72 (Fre)
ADULT/ AGED/ *ANGIOGRAPHY/ ANTICOAGULANTS, therapeutic use/ CONTRAST MEDIA/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ PULMONARY ARTERY, radiography/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, radiography

834. **Borysenko JZ, Revel JP:** Experimental manipulation of desmosome structure. Am J Anat 137:403-21, Aug 73
ANIMAL EXPERIMENTS/ BLADDER, cytology/ CATS/ CELL MEMBRANE PERMEABILITY, drug effects/ DEOXYCHOLIC ACID, pharmacodynamics/ *DESMOSOMES, drug effects/ *DETERGENTS, pharmacodynamics/ *EDTA, pharmacodynamics/ ESOPHAGUS, cytology/ FROGS/ INTESTINES, cytology/ MALE/ PANCREAS, cytology/ RATS/ SKIN, cytology/ STOMACH, cytology/ TONGUE, cytology/ *TRYPSIN, pharmacodynamics

835. **Boschetti E, Tixier R, Uriel J:** Emploi de granules sphériques d'acrylamide-agarose pour la chromatographie d'exclusion moléculaire de substances protéiques.
Biochimie 54:439-44, 1972 (Fre)
ACRYLAMIDES/ *ACRYLATES/ AGAR/ ALBUMINS, isolation & purification/ CATALASE, isolation & purification/ CYTOCHROMES, isolation & purification/ ENGLISH ABSTRACT/ FERRITIN, isolation & purification/ FIBRINOGEN, isolation & purification/ GAMMA GLOBULIN, isolation & purification/ *GEL FILTRATION/ METHODS/ MOLECULAR WEIGHT/ MURAMIDASE, isolation & purification/ MYOGLOBIN, isolation & purification/ OVALBUMIN, isolation & purification/ POLYSACCHARIDES/ *PROTEINS, isolation & purification/ THYROGLOBULIN, isolation & purification

836. **Bosio BB Jr, Taylor ES:** Bacteroides and puerperal infections. Obstet Gynecol 42:271-5, Aug 73
ABSCESS, drug therapy/ ABSCESS, etiology/ ABSCESS, surgery/ ADOLESCENCE/ ADULT/ *BACTEROIDES INFECTIONS/ BACTEROIDES INFECTIONS, drug therapy/ BACTEROIDES INFECTIONS, surgery/ CESAREAN SECTION/ CHLORAMPHENICOL, therapeutic use/ CLINDAMYCIN, therapeutic use/ DRAINAGE/ FEMALE/ HEMATOMA, drug therapy/ HEMATOMA, etiology/ HUMAN/ KANAMYCIN, therapeutic use/ OVARIAN DISEASES, drug therapy/ OVARIAN DISEASES, etiology/ OVARIAN DISEASES, surgery/ PELVIS/ PREGNANCY/ PUERPERAL INFECTION, drug therapy/ *PUERPERAL INFECTION, etiology/ PUERPERAL INFECTION, surgery

837. **Boskovic S:** Etiologija, kontrola i prevencija bakterijske kontaminacije konzervirane krvi.
Lijec Vjesn 94:51-2, Jan 72 (Cro)
*BACTERIA/ BLOOD BANKS/ *BLOOD PRESERVATION, standards/ DECONTAMINATION/ HUMAN/ STERILIZATION

838. **Bošković S, Baković S, Musa M, et al:** Hipokoagulabilnost u krvi eksperimentalne životinje prouzrokovana elektrotraumom.
Acta Med Iugosl 27:195-209, 1973 (Cro)
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION DISORDERS, etiology/ DOGS/ *ELECTRIC INJURIES, complications/ ENGLISH ABSTRACT/ *SHOCK, TRAUMATIC, complications

839. **Bošković S, Kaufer L, Prcić M, et al:** Primjena antifibrinolitika u hirurgiji.
Med Arh 26:233-8, Jul-Aug 72 (Cro)
*ANTIFIBRINOLYTIC AGENTS, therapeutic use/ BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ FIBRINOLYSIS, drug effects/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ *POSTOPERATIVE COMPLICATIONS, drug therapy

840. **Bosman FT, Schaberg A:** A new G-banding modification for metaphase chromosomes.
Nature [New Biol] 241:216-7, 14 Feb 73
BLOOD CELLS, cytology/ *CHROMOSOMES/ CHROMOSOMES, drug effects/ HUMAN/ METHODS/ MITOSIS/ *STAINS AND STAINING/ TRYPSIN, pharmacodynamics

841. **Bosmann HB:** Sialyl transferase activity in normal and RNA- and DNA-virus transformed cells utilizing desialyzed, trypsinized cell plasma membrane external surface glycoproteins as exogenous acceptors.
Biochem Biophys Res Commun 49:1256-62, 4 Dec 72
CARBON ISOTOPES/ CELL LINE/ CELL MEMBRANE, enzymology/ *CELL MEMBRANE, metabolism/ *CELL TRANSFORMATION, NEOPLASTIC/ FIBROBLASTS/

*GLYCOPROTEINS, metabolism/ MICE/ MICE, INBRED STRAINS, embryology/ MOLONEY VIRUS/ NEURAMINIC ACIDS/ *NEURAMINIC ACIDS, metabolism/ POLYOMA VIRUS/ PROTEINS, analysis/ *RECEPTORS, DRUG/ ROUS SARCOMA VIRUS/ *TRANSFERASES, analysis/ TRYPSIN

842. **Bosmann HB**: Platelet adhesiveness and aggregation. II. Surface sialic acid, glycoprotein: N-acetylneuraminic acid transferase, and neuraminidase of human blood platelets. Biochim Biophys Acta 279:456-74, 25 Oct 72
*BLOOD PLATELETS, analysis/ BLOOD PLATELETS, cytology/ BLOOD PLATELETS, enzymology/ CARBON ISOTOPES/ CATIONS, DIVALENT/ CELL MEMBRANE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FETAL GLOBULINS/ GLYCOPROTEINS/ HUMAN/ KINETICS/ MALE/ MODELS, BIOLOGICAL/ NEURAMINIC ACIDS/ NEURAMINIC ACIDS, analysis/ *NEURAMINIC ACIDS, blood/ *NEURAMINIDASE, blood/ *PLATELET ADHESIVENESS/ RECEPTORS, DRUG/ TEMPERATURE/ TRANSFERASES, antagonists & inhibitors/ *TRANSFERASES, blood/ TRANSFERASES, isolation & purification/ TRYPSIN/ ULTRACENTRIFUGATION

843. **Bosmann HB**: Protein catabolism. II. Identification of neutral and acidic proteolytic enzymes in Aspergillus niger. Biochim Biophys Acta 293:476-89, 15 Feb 73
*ASPERGILLUS, enzymology/ CATIONS, DIVALENT/ CATTLE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ HEMOGLOBIN/ HYDROGEN-ION CONCENTRATION/ ISOELECTRIC FOCUSING/ ISOENZYMES, analysis/ ISOENZYMES, isolation & purification/ KINETICS/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, isolation & purification/ *PROTEINS, metabolism/ SURFACE-ACTIVE AGENTS/ TEMPERATURE/ TRITIUM

844. **Bosmann HB, Myers MW, Dehond D, et al**: Mitochondrial autonomy. Sialic acid residues on the surface of isolated rat cerebral cortex and liver mitochondria. J Cell Biol 55:147-60, Oct 72
ANIMAL EXPERIMENTS/ CELL FRACTIONATION/ CELL LINE/ CEREBRAL CORTEX, analysis/ *CEREBRAL CORTEX, cytology/ CONCANAVALIN A, pharmacodynamics/ ELECTROPHORESIS/ HYDROGEN-ION CONCENTRATION/ LEUKEMIA, EXPERIMENTAL/ MEMBRANES, analysis/ MEMBRANES, drug effects/ MICE/ *MITOCHONDRIA, analysis/ MITOCHONDRIA, drug effects/ *MITOCHONDRIA, LIVER, analysis/ MITOCHONDRIA, LIVER, drug effects/ NERVE TISSUE PROTEINS, analysis/ *NEURAMINIC ACIDS, analysis/ NEURAMINIDASE, pharmacodynamics/ PROTEINS, analysis/ RATS/ TRYPSIN, pharmacodynamics

845. **Bossa F, Cannella C, Federici G, et al**: The amino acid sequence around the reactive cysteinyl residue of bovine kidney rhodanese. FEBS Lett 29:170-2, 15 Jan 73
ALKYLATION/ AMINO ACID SEQUENCE/ CARBON ISOTOPES/ CARBOXYPEPTIDASES/ CATTLE/ CHROMATOGRAPHY, THIN LAYER/ CYANIDES/ CYSTEINE/ GEL FILTRATION/ IODOACETATES/ *KIDNEY, enzymology/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ *SULFURTRANSFERASES, analysis/ THERMOLYSIN/ THIOSULFATES/ TRYPSIN

846. **Bossy S, Titeica M, Motomancea D, et al**: Saignement per-opératoire chez le polycythémique. Anesth Analg (Paris) 29:341-6, May-Jun 72 **(Fre)**
APPENDECTOMY, adverse effects/ BLOOD CELL COUNT/ CHOLECYSTECTOMY, adverse effects/ DEXTRAN, therapeutic use/ ENZYMES, antagonists & inhibitors/ FEMALE/ FIBRINOGEN, therapeutic use/ FIBRINOLYSIS/ HEMATOMA, etiology/ *HEMORRHAGE, etiology/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ NEPHRECTOMY, adverse effects/ *POLYCYTHEMIA, surgery/ POLYCYTHEMIA VERA, diagnosis/ POLYCYTHEMIA VERA, drug therapy/ *POLYCYTHEMIA VERA, surgery/ POSTOPERATIVE COMPLICATIONS/ *SURGERY, OPERATIVE, adverse effects/ THROMBELASTOGRAPHY

847. **Bost M, Hadjian AJ, Massot C, et al**: A propos d'un cas d'hémangiome osseux disséminé. Pediatrie 27:411-6, Jun 72 **(Fre)**
BONE AND BONES, pathology/ *BONE NEOPLASMS/ BONE NEOPLASMS, diagnosis/ BONE NEOPLASMS, pathology/ BONE NEOPLASMS, radiography/ CASE REPORT/ CHILD/ FEMALE/ *HEMANGIOMA/ HEMANGIOMA, diagnosis/ HEMANGIOMA, pathology/ HEMANGIOMA, radiography/ HUMAN/ PROGNOSIS

848. **Bostick WD, Carr PW**: A precise, continuous recording clot timer based on a thermometric detection system. Am J Clin Pathol 60:330-6, Sep 73
BARIUM SULFATE/ *BLOOD COAGULATION TESTS, instrumentation/ COMPARATIVE STUDY/ HUMAN/ METHODS/ PROTHROMBIN TIME/ STATISTICS/ TEMPERATURE/ *TEMPERATURE/ TRANSDUCERS/ VIBRATION

849. **Botes M**: Septic abortion and septic shock. S Afr Med J 47:432-5, 10 Mar 73
ABORTION, CRIMINAL/ *ABORTION, SEPTIC, complications/ ABORTION, SEPTIC, drug therapy/ ABORTION, SEPTIC, mortality/ ABORTION, SEPTIC, surgery/ ABORTION, SEPTIC, therapy/ ANTIBIOTICS, therapeutic use/ CASTRATION/ DRUG RESISTANCE, MICROBIAL/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ HYSTERECTOMY/ OXYTOCIN, therapeutic use/ PREGNANCY/ PROGNOSIS/ SHOCK, ENDOTOXIC, diagnosis/ SHOCK, ENDOTOXIC, drug therapy/ *SHOCK, ENDOTOXIC, etiology/ SHOCK, ENDOTOXIC, mortality/ SHOCK, ENDOTOXIC, physiopathology

850. **Bothra R**: Late onset small bowel fistula due to tantalum mesh. Am J Surg 125:649-50, May 73
ADHESIONS, complications/ ADHESIONS, etiology/ CASE REPORT/ FEMALE/ *FOREIGN BODIES, complications/ FOREIGN BODIES, radiography/ FOREIGN BODIES, surgery/ HUMAN/ *INTESTINAL FISTULA, etiology/ INTESTINAL FISTULA, radiography/ INTESTINAL FISTULA, surgery/ *INTESTINE, SMALL/ MIDDLE AGE/ RECURRENCE/ *SURGICAL MESH, adverse effects/ SURGICAL WOUND INFECTION/ SUTURES, adverse effects/ *TANTALUM, adverse effects/ TIME FACTORS/ *VENTRAL HERNIA, surgery

851. **Böttcher D, Hagedorn M, Kerp L, et al**: Intravital microscopy and histology of the generalized Shwartzman reaction in rabbits passively tolerant to endotoxin. Beitr Pathol 149:121-6, Jun 73
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ BLOOD VESSELS/ DRUG TOLERANCE/ ENDOTHELIUM/ ENDOTOXINS/ FEMALE/ HUMAN/ METHODS/ *MICROSCOPY/ RABBITS/ *SHWARTZMAN PHENOMENON, pathology

852. **Bottecchia D, Doni MG**: Artero-venous differences in blood platelet clumping by ADP. Experientia 29:211-2, 15 Feb 73
*ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ AORTA, ABDOMINAL/ *ARTERIES/ BLOOD CELL COUNT/ BLOOD PLATELETS/ FEMORAL VEIN/ HEART VENTRICLE/ IN VITRO/ *PLATELET ADHESIVENESS, drug effects/ RATS/ RENAL VEINS/ SPECTRUM ANALYSIS/ *VEINS

853. **Böttiger LE, Westerholm B**: Drug-induced blood dyscrasias in Sweden. Br Med J 3:339-43, 11 Aug 73

ADMINISTRATION, ORAL/ ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ *AGRANULOCYTOSIS, chemically induced/ AGRANULOCYTOSIS, occurrence/ *ANEMIA, APLASTIC, chemically induced/ ANEMIA, APLASTIC, occurrence/ *ANEMIA, HEMOLYTIC, chemically induced/ ANEMIA, HEMOLYTIC, occurrence/ CHILD/ CHILD, PRESCHOOL/ COMPUTERS, DIGITAL/ DIURETICS, administration & dosage/ DIURETICS, adverse effects/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ METHYLDOPA, adverse effects/ MIDDLE AGE/ OXYPHENBUTAZONE, adverse effects/ SEX FACTORS/ SWEDEN/ *THROMBOPENIA, chemically induced/ THROMBOPENIA, occurrence

854. **Boudet, Garbal:** Traitement médical de la rétinopathie diabétique. Premiers résultats obtenus avec deux produits récents: daflon (lab. Servier) et diabtyl (lab. Stago.
Bull Soc Ophtalmol Fr 72:765-76, Jul-Aug 72 **(Fre)**
ADULT/ AGED/ *BIOFLAVONOIDS, therapeutic use/ *DIABETIC RETINOPATHY, drug therapy/ *ENZYMES, therapeutic use/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ VENOMS

855. **Boudin G, Pépin B:** Les accidents possibles de la pénicillamine au cours du traitement de la maladie de Wilson.
Bull Acad Natl Med (Paris) 156:375-9, May 72 **(Fre)**
ADOLESCENCE/ ADULT/ CHILD/ *EPILEPSY, chemically induced/ FEMALE/ HEPATOLENTICULAR DEGENERATION, drug therapy/ HUMAN/ *KIDNEY FAILURE, ACUTE, chemically induced/ *LUPUS, chemically induced/ MALE/ *PENICILLAMINE, adverse effects/ PENICILLAMINE, therapeutic use/ *THROMBOPENIA, chemically induced

856. **Bouillet R:** Signes cliniques de l'entorse grave de la cheville: l'hématome immédiat.
Acta Orthop Belg 38:621-9, 1972 **(Fre)**
*ANKLE, injuries/ ENGLISH ABSTRACT/ *HEMATOMA, etiology/ HUMAN/ *SPRAINS AND STRAINS, complications

857. **Boulanger PA, Warocquier R:** Degradation of adenovirus by isolated KB cell membranes.
Exp Mol Pathol 17:326-33, Dec 72
*ADENOVIRUS/ ADENOVIRUS, growth & development/ ADSORPTION/ CARCINOMA/ CELL LINE/ CELL MEMBRANE, metabolism/ *CELL MEMBRANE, microbiology/ CELL NUCLEUS, metabolism/ DEOXYRIBONUCLEASE, metabolism/ HUMAN/ KINETICS/ MICROPORE FILTERS/ MOUTH NEOPLASMS/ PROTEIN DENATURATION/ THYMIDINE/ TRICHLOROACETIC ACID/ TRITIUM/ TRYPSIN, metabolism/ VALINE/ VIRAL PROTEINS, metabolism

858. **Boullin DJ, O'Brien RA:** The metabolism of 5-hydroxytryptamine by blood platelets from children with mongolism.
Biochem Pharmacol 22:1647-51, 1 Jul 73
*BLOOD PLATELETS, metabolism/ CHILD/ CHILD, PRESCHOOL/ CHROMATOGRAPHY, PAPER/ HUMAN/ HYDROXYINDOLEACETIC ACID, metabolism/ HYDROXYTRYPTOPHAN, metabolism/ MONGOLISM, blood/ *MONGOLISM, metabolism/ RESERPINE, pharmacodynamics/ *SEROTONIN, metabolism

859. **Boullin DJ, Votavova M, Green AR:** Protein synthesis by human blood platelets after accumulation of leucine and arginine.
Thromb Diath Haemorrh 28:54-64, 31 Aug 72
ADULT/ *ARGININE, metabolism/ *BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ CHROMATOGRAPHY/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN LAYER/ DINITROPHENOLS, pharmacodynamics/ FEMALE/ HUMAN/ IODOACETATES, pharmacodynamics/ *LEUCINE, metabolism/ MALE/ ORNITHINE, metabolism/ *PROTEINS, biosynthesis/ TRICHLOROACETIC ACID, pharmacodynamics/ ULTRASONICS/ VIBRATION

860. **Boulton FE:** Factor-VIII-like antigen.
Lancet 1:1446, 23 Jun 73
ANTIGENS/ *FACTOR VIII, biosynthesis/ HETEROZYGOTE/ HUMAN/ VON WILLEBRAND'S DISEASE, blood/ *VON WILLEBRAND'S DISEASE, familial & genetic

861. **Bouma BN:** Immunological studies of anti-haemophilic factor a (factor VIII). Neth J Med 16:94-100, 1973
*FACTOR VIII/ FACTOR VIII, metabolism/ FEMALE/ *HEMOPHILIA, immunology/ HUMAN/ PREGNANCY/ VON WILLEBRAND'S DISEASE, immunology

862. **Bouma BN, Sixma JJ, Mourik JA van, et al:** Low-molecular-weight factor VIII.
Lancet 1:1001, 5 May 73
ANTIBODY SPECIFICITY/ *ANTIGENS, analysis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FACTOR VIII, analysis/ HUMAN/ IMMUNOELECTROPHORESIS/ MOLECULAR WEIGHT/ PRECIPITATION/ *VON WILLEBRAND'S DISEASE, blood

863. **Bounous G:** Enteral hyperalimentation with elemental diet. Can Med Assoc J 107:607-8, 7 Oct 72
ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ CASEIN/ *DIET THERAPY/ DOGS/ FIBRIN/ FOOD/ HUMAN/ NUTRITIONAL REQUIREMENTS/ OSMOLAR CONCENTRATION/ PARENTERAL FEEDING/ PROTEIN HYDROLYSATES/ SHOCK, therapy

864. **Bounous G, Devroede G, Hugon JS, et al:** Effects of an elemental diet on the pancreatic proteases in the intestine of the mouse.
Gastroenterology 64:577-82, Apr 73
ANIMAL EXPERIMENTS/ CASEIN, metabolism/ *CHYMOTRYPSIN, metabolism/ COMPARATIVE STUDY/ *DIET/ DIETARY PROTEINS, metabolism/ *INTESTINAL MUCOSA, enzymology/ INTESTINE, SMALL, enzymology/ MALE/ MICE/ MICE, INBRED ICR/ MINERALS, metabolism/ OXIDES, pharmacodynamics/ POLYETHYLENES, pharmacodynamics/ PROTEIN HYDROLYSATES, metabolism/ SUCROSE, metabolism/ TRIGLYCERIDES, metabolism/ *TRYPSIN, metabolism/ VITAMINS, metabolism

865. **Bourde C:** Place du traumatisme dans certains syndromes de communications artério-veineuses des membres réputés non traumatiques.
Lyon Chir 68:363, Sep-Oct 72 **(Fre)**
*ANGIOMATOSIS, complications/ *ARM, blood supply/ *ARM INJURIES, complications/ *ARTERIOVENOUS FISTULA, etiology/ HUMAN/ *LEG, blood supply/ *LEG INJURIES, complications

866. **Bousser MG:** Effects of combined prostaglandin E1 and aspirin on experimental arterial thrombosis in rabbits. Biomedicine [Express] 19:90-3, 20 Mar 73
ANIMAL EXPERIMENTS/ *ASPIRIN, therapeutic use/ BLOOD PLATELETS, drug effects/ DRUG SYNERGISM/ PLATELET ADHESIVENESS, drug effects/ *PROSTAGLANDINS, therapeutic use/ RABBITS/ *THROMBOSIS, prevention & control

867. **Bousser MG:** Prostaglandin E1 and platelets.
Biomedicine 18:95-102, Mar 73 (63 ref.)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENOSINE DIPHOSPHATE, antagonists & inhibitors/ ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ *ANTICOAGULANTS/ ANTIGEN-ANTIBODY COMPLEX/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CELL AGGREGATION, drug effects/ EPINEPHRINE, antagonists & inhibitors/ HUMAN/ IN VITRO/ PLATELET ADHESIVENESS, drug effects/ *PROSTAGLANDINS, pharmacodynamics/

RABBITS/ RATS/ REVIEW/ THROMBIN, antagonists & inhibitors

868. **Bousser MG:** Prostaglandines, plaquettes et thrombose.
Ann Med Interne (Paris) 124:351-4, Apr 73 **(Fre)**
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ ANIMAL EXPERIMENTS/ ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ CELL AGGREGATION, drug effects/ DRUG ANTAGONISM/ *PROSTAGLANDINS, pharmacodynamics/ RABBITS/ *THROMBOSIS, drug therapy

869. **Bousser MG, Lecrubier C:** Agrégation plaquettaire expérimentale et thrombose artérielle. Action de l'aspirine.
Nouv Presse Med 2:1687-92, 23 Jun 73 **(Fre)**
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ARTERIAL OCCLUSIVE DISEASES, drug therapy/ *ASPIRIN, pharmacodynamics/ ASPIRIN, therapeutic use/ *BLOOD PLATELETS, drug effects/ COLLAGEN, pharmacodynamics/ ENGLISH ABSTRACT/ EPINEPHRINE, pharmacodynamics/ HUMAN/ IN VITRO/ *PLATELET ADHESIVENESS, drug effects/ RABBITS/ THROMBOSIS, drug therapy/ THROMBOSIS, prevention & control

870. **Bout D, Fruit J, Capron A:** Application de la chromatographie d'affinité à l'isolement des fractions antigéniques d'Aspergillus fumigatus supportant une activité chymotrypsique.
C R Acad Sci [D] (Paris) 276:2341-4, 9 Apr 73 **(Fre)**
*ANTIGENS, isolation & purification/ *ASPERGILLUS, immunology/ ASPERGILLUS FUMIGATUS, immunology/ *CHROMATOGRAPHY/ CHROMATOGRAPHY, AFFINITY/ *CHYMOTRYPSIN/ IMMUNOELECTROPHORESIS

871. **Bouzidi A, Hennequin JP, Larcan A, et al:** La mort des brulés: facteurs étiologiques.
Ann Chir Plast 18:133-40, 1973 **(Fre)**
AUTONOMIC DYSFUNCTION, etiology/ AUTOPSY/ BLOOD COAGULATION DISORDERS, etiology/ BURNS, complications/ *BURNS, mortality/ ENGLISH ABSTRACT/ HUMAN/ INFECTION, etiology/ KIDNEY DISEASES, etiology/ NEUROLOGIC MANIFESTATIONS/ SHOCK, etiology

872. **Bowdler AJ, Bull RW, Dries C, et al:** Representation of the ABH blood group system in the dog.
Vox Sang 24:228-35, Mar 73
*ABO FACTORS/ ANIMAL EXPERIMENTS/ DOGS/ EELS, immunology/ ERYTHROCYTES, drug effects/ ERYTHROCYTES, immunology/ HEMAGGLUTINATION INHIBITION TESTS/ IMMUNE SERUMS/ PEPTIDE HYDROLASES, pharmacodynamics/ PLANT AGGLUTININS/ SALIVA, immunology

873. **Bowen-Simpkins P:** Abnormal fibrinolysis.
Proc R Soc Med 65:865-6, Oct 72
ADULT/ AMINOCAPROIC ACID, therapeutic use/ CASE REPORT/ FEMALE/ *FIBRINOLYSIS/ HEMORRHAGE, POSTPARTUM, drug therapy/ *HEMORRHAGE, POSTPARTUM, etiology/ HUMAN

874. **Bowie EJ, Owen CA Jr:** The value of measuring platelet "adhesiveness" in the diagnosis of bleeding diseases.
Am J Clin Pathol 60:302-8, Sep 73
ADULT/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELET DISORDERS, diagnosis/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ CONTRACEPTIVES, ORAL, pharmacodynamics/ DISSEMINATED INTRAVASCULAR COAGULATION/ FACTOR VIII, analysis/ FACTOR VIII, antagonists & inhibitors/ FEMALE/ HEART VALVE DISEASES, diagnosis/ HEMATOCRIT/ HEMOPHILIA, diagnosis/ HEMORRHAGIC DIATHESIS, blood/ *HEMORRHAGIC DIATHESIS, diagnosis/ HEPARIN/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ *PLATELET ADHESIVENESS/ PLATELET ADHESIVENESS, drug effects/ PREGNANCY/ VON WILLEBRAND'S DISEASE, diagnosis

875. **Bowie EJ, Owen CA Jr:** Platelet abnormalities in von Willebrand's disease.
Ann NY Acad Sci 201:400-20, 27 Oct 72
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, cytology/ DOGS/ ERYTHROCYTES/ FACTOR VIII, antagonists & inhibitors/ FEMALE/ GLASS/ HEMORRHAGIC DIATHESIS, blood/ HUMAN/ MIDDLE AGE/ *PLATELET ADHESIVENESS/ SWINE/ *VON WILLEBRAND'S DISEASE, blood/ WOUNDS AND INJURIES, blood

876. **Bowie EJ, Owen CA Jr:** The diagnosis of von Willebrand's disease.
Ann Clin Lab Sci 1:85-91, Jul-Aug 71 (39 ref.)
ANIMAL EXPERIMENTS/ ANTIBODIES/ BLOOD COAGULATION TESTS/ BLOOD PLATELET DISORDERS, complications/ BLOOD PLATELETS, cytology/ BLOOD PLATELETS, secretion/ BLOOD TRANSFUSION/ CAPILLARIES/ CHILD, PRESCHOOL/ CROSS REACTIONS/ FACTOR VIII, analysis/ FACTOR VIII, biosynthesis/ FEMALE/ HUMAN/ MALE/ PLATELET ADHESIVENESS/ PREGNANCY/ REVIEW/ SWINE/ THROMBOPLASTIN, secretion/ *VON WILLEBRAND'S DISEASE, diagnosis

877. **Bowie EJ, Owen CA Jr, Hansen RJ, et al:** Electronic method for quantitation of bleeding time.
Am J Clin Pathol 58:255-9, Sep 72
BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION TESTS/ HUMAN/ PROGNOSIS

878. **Bowland JP:** Progress in swine nutrition for the veterinarian. Can Vet J 14:3-11, Jan 73 (80 ref.)
AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ *ANIMAL NUTRITION/ BIOTIN, metabolism/ CALCIUM, metabolism/ CHOLINE, metabolism/ DIETARY PROTEINS, metabolism/ FEMALE/ MALE/ NITROGEN, metabolism/ NUTRITIONAL REQUIREMENTS/ PHOSPHORUS, metabolism/ PREGNANCY/ REVIEW/ SELENIUM, metabolism/ SEX FACTORS/ *SWINE, metabolism/ VITAMIN A, metabolism/ VITAMIN E, metabolism/ VITAMIN K, metabolism/ WATER/ ZINC, metabolism

879. **Bowman HS, Mohn JF, Cunningham RK:** A modified container for liquid nitrogen preservation of an erythrocyte test cell panel. Vox Sang 24:94-6, Jan 73
ALUMINUM/ *BLOOD PRESERVATION, instrumentation/ *ERYTHROCYTES/ FREEZING/ *NITROGEN/ STAINLESS STEEL

880. **Boyd AD, Engelman RM, Beaudet RL, et al:** Disseminated intravascular coagulation following extracorporeal circulation.
J Thorac Cardiovasc Surg 64:685-93, Nov 72
ADULT/ AGED/ BLOOD COAGULATION TESTS/ CARDIAC OUTPUT/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, mortality/ *EXTRACORPOREAL CIRCULATION, adverse effects/ FEMALE/ FIBRIN, analysis/ FIBRINOGEN, analysis/ GANGRENE, etiology/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE

881. **Boyer SH, Noyes AN, Boyer ML, et al:** Hemoglobin 3 chains in apes. Primary structures and the presumptive nature of back mutation in a normally silent gene. J Biol Chem 248:992-1003, 10 Feb 73
ALLELES/ AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ *APES/ ASPARAGINE/ ASPARTIC ACID/ CHIMPANZEES/ CHROMOSOME MAPPING/ COMPUTERS, DIGITAL/ CROSS REACTIONS/ GEL

DIFFUSION TESTS/ *GENES/ GENES, SUPPRESSOR/ GENETIC CODE/ *HEMOGLOBIN, analysis/ MALE/ MUTATION/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ RABBITS, immunology/ SERINE/ SPECIES SPECIFICITY/ TRITIUM/ TRYPSIN

882. **Boyer SH, Wuu KD, Noyes AN, et al:** Hemoglobin biosynthesis in murin virus-induced leukemic cells in vitro: structure and amounts of globin chains produced. Blood 40:823-35, Dec 72
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CELLS, CULTURED/ CHROMATOGRAPHY/ DIMETHYL SULFOXIDE/ ELECTROPHORESIS, PAPER/ *ERYTHROCYTES, immunology/ *ERYTHROLEUKEMIA, blood/ *FRIEND VIRUS/ GEL DIFFUSION TESTS/ *HEMOGLOBIN, biosynthesis/ IMMUNE SERUMS/ IMMUNOGLOBULIN FRAGMENTS/ LEUCINE, metabolism/ LYSINE, metabolism/ METHYLCELLULOSE/ MICE/ PEPTIDES, analysis/ PRECIPITIN TESTS/ RABBITS, immunology/ RNA, analysis/ TRITIUM/ TRYPSIN, pharmacodynamics

883. **Boyer SH, Wuu KD, Noyes AN, et al:** Hemoglobin biosynthesis in murine virus-induced leukemic cells in vitro: structure and amounts of globin chains produced. Blood 40:823-35, Dec 72
ANIMAL EXPERIMENTS/ ANTIGENS/ CARBON ISOTOPES/ CELLS, CULTURED/ CHROMATOGRAPHY/ DIMETHYL SULFOXIDE, pharmacodynamics/ ELECTROPHORESIS, PAPER/ ERYTHROCYTES, metabolism/ FRIEND VIRUS/ GEL DIFFUSION TESTS/ *GLOBIN, analysis/ *HEMOGLOBIN, biosynthesis/ IMMUNE SERUMS/ LEUCINE, metabolism/ *LEUKEMIA, EXPERIMENTAL/ LYSINE, metabolism/ MICE/ MONKEYS, immunology/ PEPTIDES, analysis/ TRITIUM/ TRYPSIN, pharmacodynamics

884. **Boyle WJ:** Cystic angiomatosis of bone. A report of three cases and review of the literature.
J Bone Joint Surg [Br] 54:626-36, Nov 72
ADOLESCENCE/ *ANGIOMATOSIS/ ANGIOMATOSIS, diagnosis/ ANGIOMATOSIS, pathology/ ANGIOMATOSIS, radiography/ BIOPSY/ *BONE CYST/ BONE CYST, pathology/ BONE CYST, radiography/ CERVICAL VERTEBRAE, radiography/ CHILD/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ FIBROUS DYSPLASIA OF BONE, diagnosis/ HUMAN/ HUMERUS, radiography/ HYPERPARATHYROIDISM, diagnosis/ INFANT/ MALE/ PELVIC BONES, radiography/ RETICULOENDOTHELIOSIS, diagnosis/ RIBS, pathology/ RIBS, radiography/ SCAPULA, radiography/ THORACIC VERTEBRAE, radiography

885. **Bozadzhieva E, Konstantinov N, Pencheva D, et al:** Opit za lechenie na diabetnata retinopatiia.
Vutr Boles 12:117-23, 1973 (Bul)
ADULT/ AGED/ CHOLESTEROL, blood/ CHRONIC DISEASE/ *DIABETIC RETINOPATHY, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, blood/ *HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ LIPIDS, blood/ LIPOPROTEIN LIPASE, blood/ LIPOPROTEINS, blood/ MALE/ MIDDLE AGE/ PHOSPHOLIPIDS, blood/ TRIGLYCERIDES, blood

886. **Bozadzhieva E, Radeva S, Chankova P, et al:** Lipoproteinlipazna aktivnost i lipidni frakstii v kruvta pri khipertonichna bolest.
Vutr Boles 12:45-50, 1973 (Bul)
ADULT/ BLOOD SUGAR, analysis/ CHOLESTEROL, blood/ ENGLISH ABSTRACT/ HEPARIN, blood/ HEPARIN, pharmacodynamics/ HUMAN/ HYPERTENSION, blood/ *LIPIDS, blood/ *LIPOPROTEIN LIPASE, blood/ LIPOPROTEINS, blood/ MALE/ PHOSPHOLIPIDS, blood/ TRIGLYCERIDES, blood

887. **Bozhadzhieva E, Konstantinov N, Rachev R, et al:** Lipatrofichen diabet. Opisanie na sluchai.
Vutr Boles 12:130-3, 1973 (Bul)
ADULT/ *ATROPHY, diagnosis/ ATROPHY, drug therapy/ BLOOD SUGAR, analysis/ CASE REPORT/ CORTICOTROPIN, therapeutic use/ *DIABETES MELLITUS, diagnosis/ DIABETES MELLITUS, drug therapy/ EYE MANIFESTATIONS/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ HYDROCORTISONE, therapeutic use/ INSULIN, therapeutic use/ LIPIDS, blood/ *LIPODYSTROPHY, diagnosis/ METYRAPONE, therapeutic use

888. **Bozhkov VM, Kushner VP:** O primenenii reperov opticheskoĭ aktivnosti al'fa-, beta- i neurporiadochennoĭ form polipeptidnoĭ tsepi pri analize dispersii opticheskogoo vrashcheniia globliarnykh belkov.
Dokl Akad Nauk SSSR 206:475-8, 11 Sep 72 (Rus)
CHYMOTRYPSIN/ GLUTAMATES/ LACTOGLOBULINS/ MURAMIDASE/ MYOGLOBIN/ *OPTICAL ROTATORY DISPERSION/ *PEPTIDES/ PHOSPHOPROTEINS/ *PROTEINS

889. **Braakman R, Penning L:** Mechanisms of injury to the cervical cord. Paraplegia 10:314-20, Feb 73
BIOMECHANICS/ CERVICAL VERTEBRAE/ HEMATOMA/ HUMAN/ INTERVERTEBRAL DISK DISPLACEMENT, complications/ SPINAL CORD COMPRESSION, etiology/ *SPINAL CORD INJURIES, etiology/ SPINAL CORD INJURIES, radiography/ *SPINAL INJURIES, complications

890. **Brabant H:** Au temps des petites dames noires ou le vampire et les sangsues.
FNIB 51:39-40 contd, Apr 73 (Fre)
ANTICOAGULANTS, history/ BELGIUM/ FRANCE/ LEECHES/ SPECIAL LIST NURSING

891. **Brabant H:** Au temps des petites dames noires ou le vampire et les sangsues.
FNIB 51:28-35 concl, Jun 73 (Fre)
ANTICOAGULANTS, history/ BELGIUM/ FRANCE/ LEECHES/ SPECIAL LIST NURSING

892. **Brachott D, Mosley JW, Lipschitz I, et al:** Fragmented IgG for post-exposure prophylaxis of type A hepatitis.
Transfusion 12:389-93, Nov-Dec 72
FIBRINOLYSIN/ *HEPATITIS, prevention & control/ HUMAN/ IGG/ *IMMUNOGLOBULIN FRAGMENTS, therapeutic use/ *IMMUNOGLOBULINS, therapeutic use

893. **Bradshaw JR, Davies GT, Edwards PW, et al:** The radiological demonstration of traumatic cysts due to severe soft tissue trauma. Br J Radiol 45:905-10, Dec 72
ABDOMINAL INJURIES, complications/ CALCINOSIS/ CONNECTIVE TISSUE, pathology/ CONTRAST MEDIA/ CYSTS, etiology/ CYSTS, pathology/ *CYSTS, radiography/ CYSTS, surgery/ DRAINAGE/ FRACTURES, complications/ HEMATOMA, complications/ HUMAN/ LUMBOSACRAL REGION/ MALE/ PELVIC BONES, injuries/ THROMBOSIS/ *WOUNDS AND INJURIES, complications

894. **Bradshaw P, Gumpert J:** Small strokes in the carotid territory associated with a normal carotid arteriogram.
J Neurol Neurosurg Psychiatry 35:810-7, Dec 72
ANTICOAGULANTS, therapeutic use/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ BLOOD PRESSURE/ BRAIN NEOPLASMS, complications/ *CAROTID ARTERIES, radiography/ CAROTID ARTERY DISEASES, complications/ *CAROTID ARTERY DISEASES, radiography/ CEREBRAL ANEURYSM, complications/ CEREBRAL ANEURYSM, radiography/ *CEREBRAL ANGIOGRAPHY/ *CEREBRAL ISCHEMIA, TRANSIENT, complications/ CEREBRAL

ISCHEMIA, TRANSIENT, drug therapy/ CEREBRAL ISCHEMIA, TRANSIENT, radiography/ CEREBROVASCULAR CIRCULATION/ FOLLOW-UP STUDIES/ HEMANGIOMA, complications/ HUMAN/ HYPERTENSION, complications/ HYPERTENSION, drug therapy/ METHYLDOPA, therapeutic use/ MIDDLE AGE/ PROGNOSIS

895. **Brady MP:** Blood transfusion and volume replacement--the surgeon's viewpoint.
J Ir Med Assoc 66:36-9, 27 Jan 73
BLOOD COAGULATION/ *BLOOD TRANSFUSION/ *BLOOD VOLUME/ *HEMODYNAMICS/ HUMAN/ OXYGEN CONSUMPTION/ RESPIRATION/ *SURGERY, OPERATIVE

896. **Braga NA:** Sostoianie sistemy gemokoaguliatsii u bol'nykh v razlichnye sroki posle perenesennogo infarkta miokarda.
Vrach Delo 9:5-8, Sep 72 (Rus)
*BLOOD COAGULATION/ ENGLISH ABSTRACT/ HUMAN/ *MYOCARDIAL INFARCT, blood/ TIME FACTORS

897. **Braham J:** [Treatment of cerebrovascular diseases]
Harefuah 82:524-5, 1 Jun 72 (Heb)
ANTICOAGULANTS, therapeutic use/ CEREBRAL ANGIOGRAPHY/ CEREBRAL ARTERY DISEASES, complications/ *CEREBRAL ARTERY DISEASES, drug therapy/ CEREBRAL ISCHEMIA, TRANSIENT/ HEMIPLEGIA, etiology/ HUMAN/ THEOPHYLLINE, therapeutic use

898. **Brain MC:** Microangiopathic haemolytic anaemia (MHA). Br J Haematol 23:Suppl:45-52, Sep 72 (70 ref.)
ADENOCARCINOMA, blood/ ANEMIA, HEMOLYTIC, drug therapy/ *ANEMIA, HEMOLYTIC, etiology/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ERYTHROCYTE AGING/ ERYTHROCYTES, ABNORMAL/ FIBRINOGEN, diagnostic use/ HEMOLYTIC-UREMIC SYNDROME, blood/ HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, MALIGNANT, blood/ IODINE ISOTOPES, DIAGNOSTIC/ KIDNEY, transplantation/ LIVER, transplantation/ PURPURA, THROMBOTIC THROMBOPENIC, blood/ RABBITS/ REVIEW/ THROMBOPLASTIN/ TRANSPLANTATION, HOMOLOGOUS/ VENOMS

899. **Brake JM, Deindoerfer FH:** Preservation of red blood cell 2,3-diphosphoglycerate in stored blood containing dihydrozyacetone. Transfusion 13:84-8, Mar 73
*ACETONE, pharmacodynamics/ ADENINE/ ADENOSINE TRIPHOSPHATE, blood/ *BLOOD PRESERVATION/ CITRATES/ ERYTHROCYTES/ GLUCOSE/ *GLYCEROPHOSPHATES, blood/ HEMOGLOBINOMETRY/ HUMAN/ OSMOTIC FRAGILITY/ PHOSPHATES/ POTASSIUM, blood/ SODIUM, blood

900. **Bramanti G, Ravina A, De Fina V:** Conservabilita' del siero di ratto nel caso di determinazioni differite nel tempo di alcuni parametri ematochimici.
Boll Chim Farm 111:694-9, Nov 72 (Ita)
ALANINE AMINOTRANSFERASE, blood/ ALKALINE PHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ ASPARTATE AMINOTRANSFERASE, blood/ *BLOOD CHEMICAL ANALYSIS/ *BLOOD PRESERVATION/ BLOOD PROTEINS, analysis/ BLOOD SUGAR, analysis/ BLOOD UREA NITROGEN/ ENGLISH ABSTRACT/ ENZYME TESTS/ LIPIDS, blood/ MALE/ RATS/ SULFOBROMOPHTHALEIN, blood/ TIME FACTORS

901. **Branch RA, Herbert CM, Read AE:** Determinants of serum antipyrine half-lives in patients with liver disease. Gut 14:569-73, Jul 73
ADULT/ ALKALINE PHOSPHATASE, blood/ *ANTIPYRINE, blood/ ANTIPYRINE, metabolism/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ HALF-LIFE/ HEPATITIS, blood/ HUMAN/ HYPOPROTEINEMIA, blood/ HYPOPROTHROMBINEMIAS, blood/ LIVER CIRRHOSIS, blood/ *LIVER DISEASES, blood/ LIVER FUNCTION TESTS/ MICROSOMES, LIVER, enzymology/ MIDDLE AGE/ PHENOBARBITAL/ PREDNISONE/ PROTHROMBIN, analysis/ SERUM ALBUMIN, analysis

902. **Brand JG, Toribara TY:** Induced conformational changes in novabiocin. Mol Pharmacol 8:751-8, Nov 72
CATTLE/ CHEMISTRY/ CIRCULAR DICHROISM/ COUMARINS/ FILTRATION/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LIGANDS/ MOLECULAR CONFORMATION/ *NOVOBIOCIN/ OPTICAL ROTATORY DISPERSION/ PROTEIN BINDING/ SERUM ALBUMIN/ SERUM ALBUMIN, BOVINE/ SPECTROPHOTOMETRY, ULTRAVIOLET/ WARFARIN

903. **Brandt M:** Metastasierung eines Bronchialkarzinoms in ein Leberkavernom.
Zentralbl Allg Pathol 115:402-3, 1972 (Ger)
AGED/ *BRONCHIAL NEOPLASMS, pathology/ CASE REPORT/ *HEMANGIOMA, CAVERNOUS, pathology/ HUMAN/ *LIVER NEOPLASMS, pathology/ MALE/ NEOPLASM METASTASIS

904. **Brandts JF, Kaplan LJ:** Derivative sspectroscopy applied to tyrosyl chromophores. Studies on ribonuclease, lima bean inhibitors, insulin, and pancreatic trypsin inhibitor.
Biochemistry 12:2011-24, 8 May 73
ACETIC ACIDS/ ACETYLATION/ ALCOHOL, ETHYL/ CYSTINE/ ESTERS/ *INSULIN/ PANCREAS/ PLANTS/ *RIBONUCLEASE/ SOLVENTS/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *TRYPSIN INHIBITORS/ *TYROSINE/ WATER

905. **Branefors-Helander P:** Serological studies of Haemophilus influenzae. 3. The endotoxic effect of various antigen preparations and the relation between this effect and demonstrable precipitinogens.
Int Arch Allergy Appl Immunol 44:585-600, 1973
ANIMAL EXPERIMENTS/ *ANTIGENS, BACTERIAL/ BACTERIOLOGICAL TECHNICS/ CELL WALL, immunology/ ENDOTOXINS, toxicity/ GEL DIFFUSION TESTS/ GEL FILTRATION/ *HAEMOPHILUS INFLUENZAE, immunology/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ PHENOLS/ RABBITS/ RABBITS, immunology/ SHWARTZMAN PHENOMENON/ ULTRACENTRIFUGATION

906. **Branehög I, Weinfeld A, Roos B:** The exchangeable splenic platelet pool studied with epinephrine infusion in idiopathic thrombocytopenic purpura and in patients with splenomegaly.
Br J Haematol 25:239-48, Aug 73
ADOLESCENCE/ ADULT/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ CHROMIUM ISOTOPES/ *EPINEPHRINE, pharmacodynamics/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PURPURA, THROMBOPENIC, blood/ *SPLEEN, cytology/ SPLENECTOMY/ SPLENIC RUPTURE, surgery/ *SPLENOMEGALY, blood/ TECHNETIUM/ TIME FACTORS

907. **Branson D:** Correlation of coagulase and mannitol test in human and animal staphylococci.
Am J Med Technol 39:94-6, Mar 73
ANIMAL EXPERIMENTS/ *BACTERIOLOGICAL TECHNICS/ CATALASE, biosynthesis/ CATTLE/ CHICKENS/ *COAGULASE, biosynthesis/ FERMENTATION/ HORSES/ HUMAN/ *MANNITOL, metabolism/ METHODS/ MILK, microbiology/ OXIDATION-REDUCTION/ QUAIL/ SHEEP/ *STAPHYLOCOCCUS/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, metabolism/ SWINE/ VETERINARY MEDICINE

908. **Branson D: Clinical incidence of coagulase negative, mannitol positive staphylococci.**
Am J Med Technol 38:202-3, Jun 72
COAGULASE, analysis/ CROSS INFECTION/ CULTURE MEDIA/ HUMAN/ MANNITOL, metabolism/ *STAPHYLOCOCCUS, classification/ STAPHYLOCOCCUS, isolation & purification/ STAPHYLOCOCCUS, metabolism/ URINE, microbiology

909. **Brantigan CO: Delayed major vessel hemorrhage following tracheostomy.** J Trauma 13:235-7, Mar 73
AORTIC ANEURYSM/ CAROTID ARTERIES, injuries/ *HEMORRHAGE, etiology/ HEMORRHAGE, surgery/ HEMOSTASIS/ HUMAN/ INNOMINATE ARTERY, injuries/ INNOMINATE VEIN, injuries/ POSTOPERATIVE COMPLICATIONS/ *THORACIC ARTERIES, injuries/ THYROID GLAND, blood supply/ *TRACHEOTOMY, adverse effects/ *VEINS, injuries

910. **Brantigan CO, Brantigan OC: Primary sclerosing cholangitis: case report and review of the literature.**
Am Surg 39:191-8, Apr 73 (53 ref.)
ADOLESCENCE/ ADULT/ AGED/ AUSTRALIA ANTIGEN, isolation & purification/ CHOLANGIOGRAPHY/ *CHOLANGITIS, diagnosis/ CHOLANGITIS, drug therapy/ CHOLANGITIS, etiology/ CHOLANGITIS, immunology/ CHOLANGITIS, surgery/ COLITIS, ULCERATIVE, complications/ COLITIS, ULCERATIVE, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ DRAINAGE/ FEMALE/ HUMAN/ LIVER, blood supply/ MALE/ MIDDLE AGE/ PANCREATITIS, diagnosis/ PHLEBITIS, etiology/ PORTAL VEIN/ REVIEW/ SCLEROSIS, diagnosis/ SHWARTZMAN PHENOMENON/ TETRACYCLINE, therapeutic use

911. **Brantner H, Fischer G: Untersuchung der Kininasen des onkolytisch wirksamen Clostridium-Stammes M55ATCC13732 mittels Chelatbildner.**
Pathol Microbiol (Basel) 39:99-106, 1973 (Ger)
AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ BRADYKININ, metabolism/ BRADYKININ, pharmacodynamics/ *CARBOXYPEPTIDASES, metabolism/ *CHELATING AGENTS, pharmacodynamics/ *CLOSTRIDIUM, enzymology/ CLOSTRIDIUM, growth & development/ CULTURE MEDIA/ CYSTEINE, pharmacodynamics/ DIALYSIS/ DISULFIRAM, pharmacodynamics/ EDTA, pharmacodynamics/ ENGLISH ABSTRACT/ GASTROINTESTINAL MOTILITY, drug effects/ GUINEA PIGS/ ILEUM, drug effects/ KININASE I, antagonists & inhibitors/ KININASE I, isolation & purification/ KININASE I, metabolism/ MERCAPTOETHANOL, pharmacodynamics/ PHENANTHROLINES, pharmacodynamics/ PRECIPITATION/ QUINOLINES, pharmacodynamics/ SPORES, FUNGAL, enzymology/ SPORES, FUNGAL, growth & development

912. **Braszko J, Wiśniewski K: Analgetyczne działanie morfiny w stanie wzmozonego procesu kininogenezy towarzyszacego ostremu zapaleniu trzustki.**
Pol Tyg Lek 28:1108-11, 16 Jul 73 (Pol)
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ FEMALE/ *KININS, blood/ *MORPHINE, pharmacodynamics/ PANCREATITIS, drug therapy/ *PANCREATITIS, enzymology/ RATS/ TRYPSIN, pharmacodynamics

913. **Bratberg B, Flesjå K: Intoksikasjon som følge av hoggormbitt.**
Nord Vet Med 25:185-95, Apr-May 73 (Nor)
ANIMAL EXPERIMENTS/ ARGININE, metabolism/ *DOG DISEASES, etiology/ DOGS/ ENGLISH ABSTRACT/ FEMALE/ HYALURONIDASE, metabolism/ MALE/ NUCLEOTIDASES, metabolism/ PEPTIDE HYDROLASES, metabolism/ PHOSPHOLIPASE, metabolism/ SNAKE BITES, enzymology/ SNAKE BITES, mortality/ SNAKE BITES, pathology/ *SNAKE BITES, veterinary/ *SNAKES/ *VENOMS

914. **Bratus' VD, Lavrik SS, Utraitin IA, et al: Primenenme gomologichnoĭ krovi, konservirovannoĭ v zhidkom azote (-196 degrees C), pri ostrykh gastroduodenal'nykh krovotecheniiakh.**
Klin Khir 4:1-3, Apr 73 (Rus)
ADULT/ BLOOD COAGULATION TESTS/ *BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ FIBRINOGEN, analysis/ HEMORRHAGE, GASTROINTESTINAL, therapy/ HUMAN/ MIDDLE AGE/ *NITROGEN

915. **Braude AI, Douglas H, Davis CE: Treatment and prevention of intravascular coagulation with antiserum to endotoxin.**
J Infect Dis 128:Suppl:157-64, Jul 73
ANIMAL EXPERIMENTS/ ANTIBODIES/ ANTIGENS, BACTERIAL/ *ENDOTOXINS/ ESCHERICHIA COLI/ FIBRINOGEN/ GAMMA GLOBULIN, 19S/ GRAM NEGATIVE BACTERIA/ *IMMUNE SERUMS/ IMMUNITY, PASSIVE/ IMMUNOLOGIC TECHNICS/ KIDNEY CORTEX NECROSIS, prevention & control/ RABBITS/ SALMONELLA TYPHIMURIUM/ *SHWARTZMAN PHENOMENON

916. **Braude NA, Zamchuk LA: Immunological specificity of B. subtilis phage SP01 DNA.**
Mol Biol 5:718-22, Nov-Dec 71
ANTIBODY FORMATION/ *ANTIBODY SPECIFICITY/ ANTIGENIC DETERMINANTS/ ANTIGENS, VIRAL/ *BACILLUS SUBTILIS, immunology/ *BACTERIOPHAGE, immunology/ CHROMATOGRAPHY, ION EXCHANGE/ COMPLEMENT FIXATION TESTS/ DEOXYRIBONUCLEASE/ *DNA, VIRAL, analysis/ IMMUNE SERUMS/ IMMUNIZATION/ METHYLATION/ NUCLEIC ACID DENATURATION/ RABBITS, immunology/ SERUM ALBUMIN, BOVINE/ TRYPSIN/ URACIL

917. **Braun DC, Scheel LD, Tuma J, et al: Physiological response to enzymes in cotton dust: a preliminary report.** J Occup Med 15:241-4, Mar 73
ANIMAL EXPERIMENTS/ ASPERGILLUS, enzymology/ BYSSINOSIS, etiology/ *COTTON, enzymology/ DUST, analysis/ ENVIRONMENTAL EXPOSURE/ GUINEA PIGS/ HISTAMINE LIBERATION/ HUMAN/ *OCCUPATIONAL DISEASES, chemically induced/ OCCUPATIONAL DISEASES, enzymology/ OCCUPATIONAL DISEASES, physiopathology/ *PEPTIDE HYDROLASES, adverse effects/ PEPTIDE HYDROLASES, analysis/ *RESPIRATORY TRACT DISEASES, chemically induced/ RESPIRATORY TRACT DISEASES, enzymology/ RESPIRATORY TRACT DISEASES, physiopathology/ SPIROMETRY/ *TEXTILE INDUSTRY

918. **Braun HJ: Notfalltherapie bei Bluterkrankungen.**
Z Allgemeinmed 48:930-7, 20 Jul 72 (Ger)
ANEMIA, therapy/ *EMERGENCIES/ *HEMATOLOGIC DISEASES, therapy/ HEMORRHAGIC DIATHESIS, therapy/ HUMAN/ IMMUNOLOGIC DEFICIENCY SYNDROMES, therapy

919. **Braun K, Wenzel E, Breddin K: Gestörte Fibrinverfestigung bei chronischen Lebererkrankungen und Dysproteinämien.**
Med Welt 23:1390-2, 30 Sep 72 (Ger)
*BLOOD PROTEIN DISORDERS, blood/ CHRONIC DISEASE/ FACTOR XIII, analysis/ *FACTOR XIII, metabolism/ HUMAN/ *LIVER DISEASES, blood

920. **Braun M, Hilschmann N: Charakterisierung der L-Ketten von Immunglobulinen mit der Fingerprint-Methode.**
Hoppe Seylers Z Physiol Chem 353:1307-16, Aug 72 (Ger)
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ARGININE, analysis/ AUTOANALYSIS/ CHROMATOGRAPHY, PAPER/ DANSYL COMPOUNDS/

ELECTROPHORESIS, PAPER/ ENGLISH ABSTRACT/ HUMAN/ HYDROLYSIS/ *IMMUNOGLOBULIN FRAGMENTS, analysis/ IMMUNOGLOBULINS/ IMMUNOGLOBULINS, urine/ INDICATORS AND REAGENTS/ *PEPTIDES, analysis/ TRYPSIN/ TRYPTOPHAN, analysis

921. **Braun M, Leibold W, Hilschmann N:** Zur Strukturregel der Antikörper. Die Primärstruktur einer monklonalen Immunglobulin-L-Kette der Subgruppe I vom kappa-Typ (Bence-Jones-Protein Bi). II. Isolierung und Charakterisierung der tryptischen Peptide.
Hoppe Seylers Z Physiol Chem 353:1273-83, Aug 72 (Ger)
AMINO ACIDS, analysis/ AUTOANALYSIS/ *BENCE JONES PROTEIN, analysis/ BENCE JONES PROTEIN, urine/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ DANSYL COMPOUNDS/ ELECTROPHORESIS/ ELECTROPHORESIS, PAPER/ ENGLISH ABSTRACT/ GEL FILTRATION/ HUMAN/ HYDANTOINS/ *IMMUNOGLOBULIN FRAGMENTS, analysis/ INDICATORS AND REAGENTS/ MALE/ PEPTIDES/ *PEPTIDES, isolation & purification/ PLASMACYTOMA/ TRYPSIN

922. **Braun M, Leibold W, Barnikol HU, et al:** Zur Strukturregel der Antikörper. Die Primärstruktur einer monoklonalen Immunglobulin-L-Kette der Subgruppe I vom kappa-Typ (Bence-Jones Protein Bi). 3. Die vollständige Aminosäuresequenz und die genetische Bedeutung der Variabilitätsregeln für den Mechanismus der Antikörperbildung.
Hoppe Seylers Z Physiol Chem 353:1284-306, Aug 72 (Ger)
*AMINO ACID SEQUENCE/ AMINOPEPTIDASES/ *ANTIBODY FORMATION/ ANTIBODY SPECIFICITY/ *BENCE JONES PROTEIN, analysis/ DANSYL COMPOUNDS/ ENGLISH ABSTRACT/ EVOLUTION/ *GENETIC CODE/ HUMAN/ HYDANTOINS/ *IMMUNOGLOBULIN FRAGMENTS, analysis/ MALE/ MUTATION/ PEPSIN/ PEPTIDE HYDROLASES/ PEPTIDES/ PEPTIDES, analysis/ PLASMACYTOMA/ THERMOLYSIN/ VARIATION (GENETICS)

923. **Braun OH, Münchenberg C, Michalke W, et al:** Serumhepatitis bei Säuglingen.
Fortschr Med 89:827-30, 1 Jul 71 (Ger)
ALANINE AMINOTRANSFERASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ AUSTRALIA ANTIGEN/ BLOOD TRANSFUSION, adverse effects/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ FACTOR VIII, adverse effects/ FEMALE/ *HEPATITIS, HOMOLOGOUS SERUM/ HEPATITIS, HOMOLOGOUS SERUM, blood/ HEPATITIS, HOMOLOGOUS SERUM, complications/ HEPATITIS, HOMOLOGOUS SERUM, enzymology/ HEPATITIS, HOMOLOGOUS SERUM, etiology/ HUMAN/ INFANT/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ LIVER CIRRHOSIS, etiology/ MALE

924. **Braun WE, Magnusson M, Nakamoto S, et al:** Intraoperative blood transfusions and hyperacute renal allograft rejection in a presensitized recipient.
Transfusion 12:348-51, Sep-Oct 72
*BLOOD TRANSFUSION/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FEMALE/ GLOMERULONEPHRITIS, surgery/ *GRAFT REJECTION/ HISTOCOMPATIBILITY ANTIGENS, analysis/ HISTOCOMPATIBILITY TESTING/ HUMAN/ *KIDNEY, transplantation/ LYMPHOCYTES, drug effects/ LYMPHOCYTES, immunology/ TRANSPLANTATION, HOMOLOGOUS/ TRYPSIN, pharmacodynamics

925. **Braunitzer G, Chen R, Schrank B, et al:** Automatische Sequenzanalyse eines Proteins (beta-Lactoglobulin AB.
Hoppe Seylers Z Physiol Chem 353:832-4, May 72 (Ger)
ACETAMIDES/ AMINO ACID SEQUENCE/ AUTOANALYSIS/ CYANOGEN BROMIDE/ DISULFIDES/ ENGLISH ABSTRACT/ FORMIC ACIDS/ INDICATORS AND REAGENTS/ IODINE/ *LACTOGLOBULINS, analysis/ TRYPSIN

926. **Brazeau P, Dansereau M, Gervais MH, et al:** Hypercoagulabilité sanguine avec administration de noréthynodrel: correction par purification de la progestine.
Can J Physiol Pharmacol 51:555-8, Jul 73 (Fre)
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION, drug effects/ ESTROGENS, pharmacodynamics/ NORETHYNODREL, adverse effects/ NORETHYNODREL, isolation & purification/ *NORETHYNODREL, pharmacodynamics/ *PROGESTATIONAL HORMONES, pharmacodynamics/ PROTHROMBIN TIME/ RATS/ THROMBOEMBOLISM, chemically induced/ TIME FACTORS

927. **Brdička R, Carta S, Tentori L, et al:** Amino acid composition of some tryptic peptides of the aminoethylated alpha-like chain of Rattus norvegicus hemoglobin. Life Sci [II] 11:887-93, 22 Sep 72
ALKYLATION/ AMINO ACID SEQUENCE/ *AMINO ACIDS, blood/ CHROMATOGRAPHY, ION EXCHANGE/ *HEMOGLOBIN, analysis/ HYDROLYSIS/ *PEPTIDES, blood/ RATS/ RATS, INBRED STRAINS/ SPECIES SPECIFICITY/ TRYPSIN

928. **Brdička R, Massa A, Carta S, et al:** Partial amino acid sequence of some tryptic peptides of the alpha 1 chain of Rattus norvegicus hemoglobin.
Life Sci [II] 11:895-9, 22 Sep 72
AMINO ACID SEQUENCE/ *AMINO ACIDS, blood/ CHROMATOGRAPHY, ION EXCHANGE/ *HEMOGLOBIN, analysis/ HYDROLYSIS/ *PEPTIDES, blood/ RATS/ RATS, INBRED STRAINS/ SPECIES SPECIFICITY/ TRYPSIN

929. **Brdiczka D, Krebs W:** Localization of enzymes by means of proteases.
Biochim Biophys Acta 297:203-12, 28 Feb 73
ADENOSINE MONOPHOSPHATE/ *ALCOHOL OXIDOREDUCTASES, analysis/ ANIMAL EXPERIMENTS/ DIGITONIN, pharmacodynamics/ *ISOCITRATE DEHYDROGENASE, analysis/ *LACTATE DEHYDROGENASE, analysis/ LIVER, cytology/ MALE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, LIVER, enzymology/ *PEPTIDE HYDROLASES, pharmacodynamics/ *PHOSPHOTRANSFERASES, analysis/ RATS/ SUBTILISINS, pharmacodynamics/ TRYPSIN, pharmacodynamics

930. **Breckenridge A, Davies DS, Davies L, et al:** Dose-dependent enzyme induction.
Br J Pharmacol 47:616P-617P, Mar 73
AMOBARBITAL, blood/ AMOBARBITAL, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTIPYRINE, blood/ ANTIPYRINE, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *ENZYME INDUCTION, drug effects/ HALF-LIFE/ HUMAN/ MICROSOMES, LIVER, enzymology/ MORPHINANS/ OXIDOREDUCTASES, N-DEMETHYLATING, blood/ PHENOBARBITAL, blood/ PHENOBARBITAL, pharmacodynamics/ RATS/ SECOBARBITAL, blood/ SECOBARBITAL, pharmacodynamics/ SLEEP, drug effects/ WARFARIN, blood

931. **Breckenridge A, Orme ML:** The plasma half lives and the pharmacological effect of the enantiomers of warfarin in rats. Life Sci [II] 11:337-45, 8 Apr 72
ALUMINUM HYDROXIDE GEL/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ BIODEGRADATION/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ HALF-LIFE/ INJECTIONS, INTRAVENOUS/ MALE/ OPTICAL ROTATION/ PROTHROMBIN, biosynthesis/ RATS/ STEREOISOMERS/ STRUCTURE-ACTIVITY RELATIONSHIP/ WARFARIN, administration

& dosage/ *WARFARIN, blood/ WARFARIN, pharmacodynamics

932. **Breckenridge A, Orme ML, Davies L, et al:** Dose-dependent enzyme induction.
Clin Pharmacol Ther 14:514-20, Jul-Aug 73
AMOBARBITAL, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTIPYRINE, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *ENZYME INDUCTION, drug effects/ HALF-LIFE/ HUMAN/ IN VITRO/ LIPIDS/ MICROSOMES, LIVER, drug effects/ MICROSOMES, LIVER, enzymology/ MIDDLE AGE/ PHENOBARBITAL, pharmacodynamics/ RATS/ SECOBARBITAL, blood/ SECOBARBITAL, pharmacodynamics/ SOLUBILITY/ THROMBOPHLEBITIS, drug therapy/ WARFARIN, blood/ WARFARIN, metabolism/ WARFARIN, therapeutic use

933. **Breda R, Bizzi B:** La fibrinolisi in medicina interna.
Minerva Med 63:4803-7, 8 Dec 72 (Ita)
ANTIFIBRINOLYTIC AGENTS, therapeutic use/ ARTERIAL OCCLUSIVE DISEASES, blood/ *BLOOD COAGULATION DISORDERS/ *CARDIOVASCULAR DISEASES, blood/ CEREBROVASCULAR DISORDERS, drug therapy/ *FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ LIVER DISEASES, blood/ NEOPLASMS, blood/ STREPTOKINASE, therapeutic use/ THROMBOPHLEBITIS, blood/ VASCULAR DISEASES, drug therapy

934. **Breddin K, Ehrly AM, Fechler L, et al:** Die Kurzzeitfibrinolyse beim akuten Myokardinfarkt.
Dtsch Med Wochenschr 98:861-73, 27 Apr 73 (Ger)
ACUTE DISEASE/ ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ BENZYL COMPOUNDS, therapeutic use/ BLOOD VISCOSITY, drug effects/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ COUMARINS, administration & dosage/ COUMARINS, pharmacodynamics/ *COUMARINS, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ HEPARIN, administration & dosage/ HEPARIN, pharmacodynamics/ *HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, INTRAVENOUS/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, mortality/ PLACEBOS/ STREPTOKINASE, administration & dosage/ STREPTOKINASE, pharmacodynamics/ *STREPTOKINASE, therapeutic use/ TIME FACTORS

935. **Breddin K, Ehrly AM, Krzywanek HJ:** Klinisch-experimentelle Befunde zur Fibrinolysetherapie des frischen Herzinfarktes.
Verh Dtsch Ges Inn Med 78:1039-41, 1972 (Ger)
*FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ *MYOCARDIAL INFARCT, drug therapy/ STREPTOKINASE, therapeutic use/ TIME FACTORS

936. **Brehm G:** Eiweisschemische Untersuchungen.
Arch Dermatol Forsch 244:207-9, 1972 (Ger)
ANALYSIS OF VARIANCE/ *BLOOD PROTEINS, analysis/ BLOOD SEDIMENTATION/ GAMMA GLOBULIN, analysis/ GLYCOPROTEINS, blood/ HUMAN/ IGA, analysis/ IGE, analysis/ IGG, analysis/ IGM, analysis/ *MELANOMA, blood/ MELANOMA, classification/ NEOPLASM PROTEINS, blood/ PROGNOSIS/ SERUM ALBUMIN, analysis/ SERUM GLOBULINS, analysis/ *SKIN NEOPLASMS, blood/ SKIN NEOPLASMS, classification/ TRYPSIN, blood

937. **Brehm R:** Zur Therapie der Spätgestosen.
Minerva Ginecol 25:387-93, Jul 73 (Ger)
ADULT/ CHLORMETHIAZOLE, therapeutic use/ DIAZEPAM, therapeutic use/ DIURETICS, therapeutic use/ ECLAMPSIA, drug therapy/ FEMALE/ HEPARINOID, therapeutic use/ HUMAN/ MANNITOL, therapeutic use/ PREGNANCY/ *PREGNANCY TOXEMIAS, drug therapy

938. **Brehm R, Janisch H:** Ein Fall von schwerer hepataler Gestose.
Wien Klin Wochenschr 24:811-3, 15 Dec 72 (Ger)
ADULT/ EDEMA, complications/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ HYPERBILIRUBINEMIA, etiology/ HYPERTENSION, complications/ *LIVER DISEASES, complications/ PREGNANCY/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR, drug therapy/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, etiology/ *PREGNANCY TOXEMIAS, etiology/ PROTEINURIA, complications

939. **Brehm SP, Staal SP, Hoch JA:** Phenotypes of pleiotropic-negative sporulation mutants of Bacillus subtilis.
J Bacteriol 115:1063-70, Sep 73
AMINO ACIDS, analysis/ AMMONIA-LYASES, metabolism/ ANTIBIOTICS, biosynthesis/ BACILLUS SUBTILIS, analysis/ BACILLUS SUBTILIS, drug effects/ BACILLUS SUBTILIS, enzymology/ *BACILLUS SUBTILIS, growth & development/ BACILLUS SUBTILIS, metabolism/ BACTERIOPHAGE, growth & development/ CARBOHYDRATES, analysis/ CELL MEMBRANE, analysis/ CELL WALL, analysis/ DRUG RESISTANCE, MICROBIAL/ EDTA, pharmacodynamics/ ENZYME REPRESSION/ LIPIDS, analysis/ LYSOGENY/ *MUTATION/ OXIDOREDUCTASES, metabolism/ PEPTIDE HYDROLASES, biosynthesis/ PHENOTYPE/ *SPORES, growth & development/ SPORES, BACTERIAL, growth & development/ SUCCINATE DEHYDROGENASE, metabolism

940. **Breidenbach H, Krosse C, Schuster W, et al:** Möglichkeiten und Ergebnisse der Therapie bei Autoimmunthrombozytopenie im Kindesalter.
Kinderaerztl Prax 40:395-9, Sep 72 (Ger)
AGRANULOCYTOSIS, chemically induced/ *AUTOIMMUNE DISEASES, drug therapy/ AUTOIMMUNE DISEASES, surgery/ AZATHIOPRINE, adverse effects/ AZATHIOPRINE, therapeutic use/ CHILD/ CUSHING'S SYNDROME, chemically induced/ HUMAN/ PREDNISONE, administration & dosage/ PREDNISONE, adverse effects/ PREDNISONE, therapeutic use/ SPLENECTOMY/ *THROMBOPENIA, drug therapy/ THROMBOPENIA, surgery/ TIME FACTORS

941. **Breitfellner G, Jahoda E:** Virulenz und Penicillinresistenz von Staphylokokken im Spiegel verschiedener bakteriologischer Pathogenitätskriterien.
Zentralbl Bakteriol [Orig A] 223:478-87, May 73 (Ger)
*COAGULASE, biosynthesis/ DEOXYRIBONUCLEASE, biosynthesis/ ENGLISH ABSTRACT/ HEMOLYSIS/ HUMAN/ MANNITOL, metabolism/ METHODS/ MICROBIAL SENSITIVITY TESTS/ *PENICILLIN RESISTANCE/ STAPHYLOCOCCAL INFECTIONS, diagnosis/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, metabolism/ *STAPHYLOCOCCUS, pathogenicity/ VIRULENCE, drug effects

942. **Brener BJ, Raines JK, Darling RC:** Intraoperative autotransfusion in abdominal aortic resections.
Arch Surg 107:78-84, Jul 73
*AORTA, ABDOMINAL, surgery/ *AORTIC ANEURYSM, surgery/ *ARTERIAL OCCLUSIVE DISEASES, surgery/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ *BLOOD TRANSFUSION, AUTOLOGOUS/ HEMATOCRIT/ HEMOGLOBIN, analysis/ HUMAN/ ILIAC ARTERY/ PLATELET ADHESIVENESS

943. **Brereteon-Stiles GG, Winship WS, Goodwin NM, et al:** Accidental administration of syntometrine to a neonate.
S Afr Med J 46:2052, 30 Dec 72
CASE REPORT/ DRUG COMBINATIONS/ ERGONOVINE, administration & dosage/ *ERGONOVINE, poisoning/ FEMALE/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN,

DISEASES, chemically induced/ *MEDICATION ERRORS/ OXYTOCIN, administration & dosage/ VITAMIN K, administration & dosage

944. **Bresler SE, Vlasov GP, Krutyakov VM:** The catalytic function of trypsin with acylated active serine.
Mol Biol 5:1-11, Jan-Feb 71
ACID-BASE EQUILIBRIUM/ ACYLATION/ AMIDES, metabolism/ AMIDOHYDROLASES, analysis/ CATALASE, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ DEUTERIUM/ ENZYME ACTIVATION/ ESTERASES, analysis/ HISTIDINE/ HYDROLYSIS/ KINETICS/ METHODS/ PEPTIDES, metabolism/ *SERINE, metabolism/ TRYPSIN, chem synthesis/ TRYPSIN, isolation & purification/ *TRYPSIN, metabolism

945. **Brettel HF:** Uber den Umrechnungsfaktor Serum-Vollblut bei der Blutalkoholbestimmung.
Beitr Gerichtl Med 30:58-71, 1973 (Ger)
ADOLESCENCE/ ADULT/ AGED/ *ALCOHOL, ETHYL, blood/ ALCOHOL, ETHYL, pharmacodynamics/ *ALCOHOLIC INTOXICATION, blood/ BLOOD VISCOSITY, drug effects/ ENGLISH ABSTRACT/ FEMALE/ *FORENSIC MEDICINE/ HUMAN/ MALE/ MIDDLE AGE

946. **Bretzel G:** Uber Thynnin, das Protamin des Thunfisches. Die Sequenz der Komponente Y1. XII. Mitteilung über die Struktur der Protamine in der Untersuchungsreihe von E. Waldschmidt-Leitz und Mitarbeitern.
Hoppe Seylers Z Physiol Chem 353:1362-4, Aug 72 (Ger)
*AMINO ACID SEQUENCE/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, ION EXCHANGE/ ENGLISH ABSTRACT/ *FISHES, analysis/ GLUTAMATES, analysis/ GLUTAMINE, analysis/ HYDROLYSIS/ OSMOLAR CONCENTRATION/ PEPTIDES/ *PROTAMINES, analysis/ SODIUM CHLORIDE/ THERMOLYSIN

947. **Breukink HJ, Hart HC, Arkel C von, et al:** Congenital afibrinogenemia in goats.
Zentralbl Veterinaermed [A] 19:661-76, Sep 72
AFIBRINOGENEMIA, diagnosis/ AFIBRINOGENEMIA, familial & genetic/ *AFIBRINOGENEMIA, veterinary/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS, veterinary/ CASE REPORT/ *GOATS/ IMMUNOELECTROPHORESIS, veterinary/ MALE/ PEDIGREE

948. **Brewer DW Jr, Aubry RH:** The physiology of pregnancy: clinical pathologic correlations. 2.
Postgrad Med 53:221-6, Jan 73
ACID-BASE EQUILIBRIUM/ ALKALINE PHOSPHATASE, metabolism/ ASPARTATE AMINOTRANSFERASE, metabolism/ BILIRUBIN, blood/ BLOOD COAGULATION/ ENDOCRINE GLANDS, physiology/ FEMALE/ GASTROINTESTINAL SYSTEM, physiology/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LIPIDS, blood/ LIVER, enzymology/ LIVER, physiology/ LIVER CIRCULATION/ MATERNAL-FETAL EXCHANGE/ PREDIABETIC STATE, metabolism/ *PREGNANCY/ *PREGNANCY COMPLICATIONS/ PREGNANCY IN DIABETES/ SULFOBROMOPHTHALEIN, metabolism/ WATER-ELECTROLYTE BALANCE

949. **Bricteux-Grégoire S, Schyns R, Florkin M:** Phylogeny of trypsinogen activation peptides.
Comp Biochem Physiol [B] 42:23-39, 15 May 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ *ARTIODACTYLA/ ASPARTIC ACID, analysis/ CAMELS/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN LAYER/ DANSYL COMPOUNDS/ DEER/ ELECTROPHORESIS/ ENZYME ACTIVATION/ EVOLUTION/ GOATS/ MUTATION/ OLIGOPEPTIDES, analysis/ *OLIGOPEPTIDES, isolation & purification/ *PANCREAS, enzymology/ SHEEP/ SPECIES SPECIFICITY/ SWINE/ TRYPSINOGEN, analysis/ *TRYPSINOGEN, isolation & purification

950. **Bridges KR, Jones GH:** Transfer ribonucleic acids from mouse plasmacytoma tumors producing kappa and immunoglobulin chains.
Biochemistry 12:1208-12, 13 Mar 73
AMINO ACID ACTIVATION/ AMINO ACYL T RNA SYNTHETASES, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CELL-FREE SYSTEM/ CHROMATOGRAPHY/ CHROMATOGRAPHY, ION EXCHANGE/ ESCHERICHIA COLI/ GLUTAMATES, metabolism/ *IMMUNOGLOBULIN FRAGMENTS, biosynthesis/ LEUCINE, metabolism/ METHIONINE, metabolism/ MICE/ MICROSOMES, metabolism/ PLASMACYTOMA, metabolism/ *PLASMACYTOMA, metabolism/ RNA, BACTERIAL, metabolism/ *RNA, NEOPLASM, metabolism/ *RNA, TRANSFER, metabolism/ SERINE, metabolism/ THREONINE, metabolism/ TRITIUM/ TRYPSIN

951. **Briggs JD, Prentice CR, Hutton MM, et al:** Serum and urine fibrinogen-fibrin-related antigen (F.R.-antigen) levels in renal disease.
Br Med J 4:82-5, 14 Oct 72
ADOLESCENCE/ ADULT/ AGED/ ANEMIA, HEMOLYTIC, immunology/ ANEMIA, HEMOLYTIC, metabolism/ *ANTIGENS, analysis/ ANTIGENS, urine/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ *FIBRIN/ FIBRIN, metabolism/ *FIBRINOGEN/ FIBRINOGEN, metabolism/ GLOMERULONEPHRITIS, immunology/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ HYPERTENSION, MALIGNANT, immunology/ *KIDNEY DISEASES, immunology/ KIDNEY DISEASES, metabolism/ KIDNEY FAILURE, ACUTE, immunology/ MALE/ MIDDLE AGE/ PROTEINURIA, immunology/ UREMIA, immunology/ UREMIA, metabolism

952. **Briggs M, Briggs M:** Vitamin C and colds.
Lancet 1:998, 5 May 73
ADULT/ ASCORBIC ACID, blood/ ASCORBIC ACID, metabolism/ *ASCORBIC ACID, therapeutic use/ BLOOD PLATELETS, metabolism/ *COMMON COLD, drug therapy/ *CONTRACEPTIVES, ORAL, adverse effects/ ESTROGENS, adverse effects/ FEMALE/ HUMAN/ LEUKOCYTES, metabolism/ MALE/ MIDDLE AGE/ PREGNANCY/ PROGESTERONE, pharmacodynamics/ SEX FACTORS

953. **Brighton CT, Krebs AG:** Oxygen tension of healing fractures in the rabbit.
J Bone Joint Surg [Am] 54:323-32, Mar 72
ANIMAL EXPERIMENTS/ CALCIUM, secretion/ *CALLUS, metabolism/ CARTILAGE, ARTICULAR, metabolism/ CELL DIFFERENTIATION/ *FIBULA, injuries/ *FRACTURES, metabolism/ HEMATOMA, metabolism/ HINDLIMB, injuries/ HYDROXYLATION/ MITOCHONDRIA, metabolism/ OSSIFICATION, PHYSIOLOGIC/ *OXYGEN/ PROLINE, metabolism/ RABBITS/ *WOUND HEALING

954. **Brignon G, Mercier JC, Ribadeau-Dumas B, et al:** Structure primaire de la paracaseine kappa bovine.
FEBS Lett 27:301-5, 1 Nov 72 (Fre)
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *CASEIN, analysis/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ ENGLISH ABSTRACT/ GEL FILTRATION/ MASS SPECTRUM ANALYSIS/ *PEPTIDES, analysis/ TRYPSIN

955. **Brihaye M, Oosterhuis JA:** Experimental cryoapplication with variations in the pressure exerted on the sclera.
Trans Ophthalmol Soc UK 92:860, 1972
ADHESIONS/ ANIMAL EXPERIMENTS/ *CRYOTHERAPY/ PRESSURE/ RABBITS/ RETINA/ *SCLERA, pathology

956. **Brikker VN, Vol'pert EI, Chernigovskaia SV:** Sravnitel'noe izuchenie svertyvaiushchei sistemy

krovi v koronarnykh arteriiakh, bedrennykh arteriiakh i v levom zheludochke.
Fiziol Zh SSSR 58:1853-5, Dec 72 (Rus)
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ *CORONARY VESSELS/ DOGS/ FEMALE/ *FEMORAL ARTERY/ *HEART VENTRICLE/ MALE

957. **Brindle MJ:** Arteriography and minor splenic injury.
Clin Radiol 23:174-80, Apr 72
ADULT/ ANEURYSM, radiography/ ANEURYSM, surgery/ *ANGIOGRAPHY/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HEMATOMA, radiography/ HUMAN/ MIDDLE AGE/ *SPLEEN, injuries/ SPLENECTOMY/ SPLENIC RUPTURE, radiography/ SPLENIC RUPTURE, surgery

958. **Brinkhous KM, Davis PD, Graham JB, et al:** Expression and linkage of genes for X-linked hemophilias A and B in the dog.
Blood 41:577-85, Apr 73
ANIMAL EXPERIMENTS/ BREEDING/ *CHRISTMAS DISEASE, familial & genetic/ CROSSES, GENETIC/ DOGS/ FACTOR VIII, analysis/ FACTOR IX, analysis/ FEMALE/ *HEMOPHILIA, familial & genetic/ HETEROZYGOTE/ *LINKAGE (GENETICS)/ MALE/ PHENOTYPE/ RECOMBINATION, GENETIC/ SEX CHROMOSOMES

959. **Brinson K:** Effect of sulfhydryl inhibitors and membrane-active drugs on platelet reactions.
Atherosclerosis 17:139-45, Jan-Feb 73
ADENINE NUCLEOTIDES, metabolism/ ADENOSINE TRIPHOSPHATASE, blood/ *BLOOD PLATELETS, drug effects/ CARBON ISOTOPES/ CELL MEMBRANE, drug effects/ *CHLOROMERCURIBENZOATES, pharmacodynamics/ CHLORPROMAZINE, pharmacodynamics/ *ETHYLMALEIMIDE, pharmacodynamics/ HUMAN/ IMIPRAMINE, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ PROMETHAZINE, pharmacodynamics/ *SULFHYDRYL COMPOUNDS, antagonists & inhibitors/ THROMBIN, pharmacodynamics

960. **Brinson K:** Inactivity of atractyloside against platelet release reaction.
Atherosclerosis 17:146-50, Jan-Feb 73
ADENINE NUCLEOTIDES, blood/ *BLOOD PLATELETS, drug effects/ CARBON ISOTOPES/ *GLYCOSIDES, pharmacodynamics/ HUMAN/ PLATELET ADHESIVENESS, drug effects/ THROMBIN, pharmacodynamics

961. **Brinson K:** Effect of aminophylline on blood platelet reactions.
Atherosclerosis 16:233-9, Sep-Oct 72
ADENINE NUCLEOTIDES, biosynthesis/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, biosynthesis/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, metabolism/ ADRENERGIC ALPHA RECEPTOR AGONISTS, pharmacodynamics/ AMINOPHYLLINE, antagonists & inhibitors/ *AMINOPHYLLINE, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ CARBON ISOTOPES/ DRUG SYNERGISM/ EPINEPHRINE, administration & dosage/ EPINEPHRINE, antagonists & inhibitors/ EPINEPHRINE, pharmacodynamics/ HUMAN/ IN VITRO/ NICOTINIC ACID, pharmacodynamics/ PHENTOLAMINE, pharmacodynamics/ *PLATELET ADHESIVENESS, drug effects/ PROPRANOLOL, pharmacodynamics/ THROMBIN, pharmacodynamics

962. **Brinzeu P, Georgesco L, Litvac B, et al:** Aspects d'ultrastructure de la microcirculation dans le choc hémorragique expérimental.
Ann Anat Pathol (Paris) 17:199-209, Apr-Jun 72 (Fre)
ANIMAL EXPERIMENTS/ BLOOD CELLS/ BLOOD PLATELETS/ *CAPILLARIES, pathology/ CELL ADHESION/ CELL AGGREGATION/ DOGS/ EDEMA, pathology/ ENDOTHELIUM/ ENGLISH ABSTRACT/ EPITHELIAL CELLS/ MICROCIRCULATION/ MICROSCOPY, ELECTRON/ *PERITONEAL CAVITY, blood supply/ PINOCYTOSIS/ *SHOCK, HEMORRHAGIC, pathology/ THROMBOSIS, pathology

963. **Bristow JH, Whiting DA:** Werner's syndrome: clinical features and cataract surgery.
S Afr Med J 47:566-9, 7 Apr 73
ADIPOSE TISSUE, pathology/ AGING/ ANKLE, radiography/ CALLUS, pathology/ CATARACT EXTRACTION/ *CATARACT EXTRACTION/ CHYMOTRYPSIN/ CRYOGENIC SURGERY/ FEMALE/ FOOT, pathology/ HAIR/ HUMAN/ MIDDLE AGE/ NOSE, pathology/ SKIN, pathology/ SKIN ULCER, pathology/ WERNER'S SYNDROME, pathology/ WERNER'S SYNDROME, radiography/ *WERNER'S SYNDROME, surgery

964. **Brito T de, Hoshino-Shimizu S, Pereira MO, et al:** The pathogenesis of the vascular lesions in experimental rickettsial disease of the guinea pig (Rocky Mountain Spotted fever group). A light, immunofluorescent and electron microscopic study.
Virchows Arch [Pathol Anat] 358:205-14, 1973
ANIMAL EXPERIMENTS/ BLOOD PLATELETS/ COMPLEMENT, analysis/ ENDOTHELIUM/ FIBRINOGEN, analysis/ FLUORESCENT ANTIBODY TECHNIC/ GAMMA GLOBULIN, analysis/ GUINEA PIGS/ HYPERSENSITIVITY, IMMEDIATE/ LYSOSOMES, enzymology/ MALE/ MICROSCOPY, ELECTRON/ MICROSCOPY, FLUORESCENCE/ ROCKY MOUNTAIN SPOTTED FEVER, immunology/ *ROCKY MOUNTAIN SPOTTED FEVER, pathology/ TIME FACTORS/ *VASCULAR DISEASES, pathology

965. **Bro-Rasmussen F, Jensen B, Sorensen AH:** Congenital meromelia or "spontaneous amputations". Experimental studies on mice.
Acta Orthop Scand 43:157-62, 1972
*ABNORMALITIES, DRUG-INDUCED/ *ABNORMALITIES, MULTIPLE/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *ECTROMELIA, chemically induced/ FEMALE/ *FLUORODEOXYURIDINE/ *FORELIMB, abnormalities/ GESTATIONAL AGE/ HEMATOMA/ *HINDLIMB, abnormalities/ MICE/ MICE, INBRED STRAINS/ NECROSIS/ PREGNANCY/ TAIL, abnormalities

966. **Brocheriou C, Rouchon C, Crepy C:** Tumeurs vasculaires bénignes de la mandibule. A propos de 2 observations d'hémangiome et de kyste anevrysmal.
Rev Port Estomatol Cir Maxilofac 12:37-43, Jul-Dec 71 (Fre)
ADULT/ ANEURYSM, diagnosis/ *ANEURYSM, pathology/ BONE CYST, pathology/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ GIANT CELL TUMORS, diagnosis/ *HEMANGIOMA, pathology/ HUMAN/ MALE/ *MANDIBULAR NEOPLASMS

967. **Brochier M, Raynaud R, Griguer P, et al:** Premiers résultats du traitement thrombolytique par l'urokinase des infarctus du myocarde et syndromes prémonitoires.
Ann Cardiol Angeiol (Paris) 22:211-22, May-Jun 73 (Fre)
ADULT/ AGED/ BLOOD COAGULATION TESTS/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYTIC AGENTS, administration & dosage/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, drug therapy/ RADIOISOTOPE SCANNING

968. **Brocklehurst WE:** The pharmacology of asthma and possible therapeutic developments.
Ciba Found Study Group 38:132-50, 1971 (22 ref.)
ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ ANTIGEN-ANTIBODY REACTIONS/ ANTI-INFLAMMATORY AGENTS, therapeutic use/ ASTHMA, drug therapy/ *ASTHMA, immunology/ ASTHMA, physiopathology/ BLOOD PLATELETS/ BRONCHODILATOR AGENTS, therapeutic use/ CELL AGGREGATION/ COMPLEMENT/ DISODIUM CROMOGLYCATE, therapeutic use/

HISTAMINE, pharmacodynamics/ HISTAMINE LIBERATION/ HUMAN/ IGE, analysis/ IGG, analysis/ IMMUNITY, CELLULAR/ KININS, pharmacodynamics/ LEUKOCYTES, immunology/ LUNG, immunology/ LUNG, metabolism/ LYSOSOMES, enzymology/ RABBITS/ REVIEW/ SRS-A, analysis

969. **Brockman SK, Aprill SN, Rabiner FS:** Aortic valve replacement in hemophilia. Report of a case.
JAMA 222:660-1, 6 Nov 72
*AORTIC VALVE INSUFFICIENCY, surgery/ AUTOPSY/ CASE REPORT/ CEREBRAL HEMORRHAGE, pathology/ ELECTROCARDIOGRAPHY/ EXTRACORPOREAL CIRCULATION/ FACTOR VIII, administration & dosage/ HEART ATRIUM/ HEART BLOCK, diagnosis/ HEART ENLARGEMENT, radiography/ HEART FAILURE, CONGESTIVE, diagnosis/ HEART VALVE PROSTHESIS/ HEART VENTRICLE/ *HEMOPHILIA, complications/ HEPARIN, administration & dosage/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ SODIUM, metabolism

970. **Broder LE, Hansen HH:**
1-2(2-Chloroethyl)-3-cyclohexyl-1-nitrosourea (CCNU, NSC-79037): a comparison of drug administration at four-week and six-week intervals.
Eur J Cancer 9:147-52, Feb 73
ADULT/ AGED/ FEMALE/ HUMAN/ LEUKOPENIA, chemically induced/ MALE/ MIDDLE AGE/ *NEOPLASMS, drug therapy/ *NITROSOUREA COMPOUNDS, administration & dosage/ NITROSOUREA COMPOUNDS, adverse effects/ NITROSOUREA COMPOUNDS, therapeutic use/ THROMBOPENIA, chemically induced

971. **Broders AC 3d, Wilson JW:** Heparin: help or hindrance? A commentary and review.
J Reprod Med 10:269-71, Jun 73
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD PLATELETS, drug effects/ *CONTRACEPTIVES, ORAL, adverse effects/ DOGS/ ENGLAND/ FEMALE/ HEPARIN, adverse effects/ HEPARIN, analysis/ HEPARIN, standards/ *HEPARIN, therapeutic use/ HUMAN/ MAST CELLS, drug effects/ MATERNAL MORTALITY/ MOLECULAR CONFORMATION/ PHARMACOPOEIAS/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, etiology/ PUERPERAL DISORDERS, drug therapy/ *THROMBOEMBOLISM, mortality/ THROMBOEMBOLISM, prevention & control/ UNITED STATES

972. **Brodeur B, Légaré C, Brailovsky CA:** Etudes sur l'action anti-interféron des extraits de cellules transformées par le virus SV40.
Can J Microbiol 19:7-14, Jan 73 **(Fre)**
CELL LINE/ CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED, metabolism/ CHROMATOGRAPHY/ COMPLEMENT FIXATION TESTS/ DEOXYRIBONUCLEASE/ ENGLISH ABSTRACT/ FIBROBLASTS/ GEL FILTRATION/ HAMSTERS/ HEAT/ *INTERFERON, antagonists & inhibitors/ INTERFERON, biosynthesis/ NEWCASTLE DISEASE VIRUS, growth & development/ PAPOVAVIRUS, drug effects/ PAPOVAVIRUS, growth & development/ RATS/ RIBONUCLEASE/ SV40 VIRUS/ TISSUE EXTRACTS, analysis/ TRYPSIN/ VIRAL PROTEINS, analysis/ *VIRAL PROTEINS, pharmacodynamics/ VIRUS REPLICATION

973. **Brodiagin NA, Ginovker AG, Solov'ev GS:** O nekotorykh gistokhimicheskikh izmeneniiakh v pecheni krys pri vvedenii gialuronidazy i ee nespetsificheskikh ingibitorov.
Arkh Anat Gistol Embriol 63:56-60, Oct 72 **(Rus)**
ANIMAL EXPERIMENTS/ *ASCORBIC ACID, pharmacodynamics/ ENGLISH ABSTRACT/ ENZYME REPRESSION/ *HEPARIN, pharmacodynamics/ HISTOCYTOCHEMISTRY/ HYALURONIDASE, antagonists & inhibitors/ *HYALURONIDASE, pharmacodynamics/ *LIVER, metabolism/ LIVER GLYCOGEN, metabolism/ MALE/ MUCOPOLYSACCHARIDES, metabolism/ NUCLEOPROTEINS, metabolism/ *PROMETHAZINE, pharmacodynamics/ RATS/ RNA, metabolism/ SODIUM

974. **Brodows RG, Campbell RG:** Effect of age on post-heparin lipase. N Engl J Med 287:969-70, 9 Nov 72
ADULT/ AGE FACTORS/ AGED/ *AGING/ BLOOD COAGULATION TESTS/ CHOLESTEROL, blood/ HEPARIN, administration & dosage/ HEPARIN, diagnostic use/ HUMAN/ INJECTIONS, INTRAVENOUS/ *LIPOPROTEIN LIPASE, blood/ LIPOPROTEINS, blood/ STIMULATION, CHEMICAL/ THROMBIN/ TRIGLYCERIDES, blood

975. **Brodsky I:** The role of androgens and anabolic steroids in the treatment of cancer.
Semin Drug Treat 3:15-25, Summer 73
ADENOCARCINOMA, drug therapy/ AGRANULOCYTOSIS, drug therapy/ *ANABOLIC STEROIDS, therapeutic use/ *ANDROGENS, therapeutic use/ ANTINEOPLASTIC AGENTS, adverse effects/ ANTINEOPLASTIC AGENTS, therapeutic use/ BONE MARROW DISEASES, chemically induced/ BONE MARROW DISEASES, drug therapy/ BREAST NEOPLASMS, drug therapy/ CARCINOMA, EPIDERMOID, drug therapy/ CERVIX NEOPLASMS, drug therapy/ FEMALE/ FIBRINOLYSIS, drug effects/ HUMAN/ IMMUNITY, drug effects/ INTESTINAL NEOPLASMS, drug therapy/ LEUKOCYTE COUNT/ LIPOSARCOMA, drug therapy/ LYMPHOSARCOMA, drug therapy/ MALE/ MULTIPLE MYELOMA, drug therapy/ NANDROLONE, therapeutic use/ TESTOSTERONE, adverse effects

976. **Brodsky I, Dimitrov NV:** Platelet kinetics and adenosine triphosphatase activity in AKR mice.
J Natl Cancer Inst 50:997-1001, Apr 73
*ADENOSINE TRIPHOSPHATASE, blood/ AGE FACTORS/ ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, enzymology/ CELL SURVIVAL/ DINITROPHENOLS, pharmacodynamics/ FEMALE/ MICE/ MICE, INBRED AKR/ MICE, INBRED BALB C/ OLIGOMYCIN, pharmacodynamics/ OUABAIN, pharmacodynamics/ POTASSIUM, pharmacodynamics/ SODIUM, pharmacodynamics

977. **Brodsky I, Kahn SB, Ross EM, et al:** Platelet and fibrinogen kinetics in the chronic myeloproliferative disorders. Cancer 30:1444-50, Dec 72
BLOOD CELL COUNT/ *BLOOD PLATELETS/ CELL AGGREGATION/ CELL SURVIVAL/ *FIBRINOGEN, metabolism/ HEMORRHAGIC DIATHESIS, diagnosis/ HUMAN/ KINETICS/ LEUKEMIA, MYELOCYTIC, blood/ MYELOFIBROSIS, blood/ MYELOID METAPLASIA, blood/ *MYELOPROLIFERATIVE DISORDERS, blood/ PLATELET ADHESIVENESS/ POLYCYTHEMIA VERA, blood/ PROGNOSIS/ THROMBOCYTOSIS, blood

978. **Brody JI:** Detection of fibrinogen-fibrin degradation products by counterelectrophoresis.
J Clin Pathol 25:754-6, Sep 72
BLOOD COAGULATION TESTS/ CONTRACEPTIVES, ORAL, metabolism/ FEMALE/ FIBRIN, analysis/ *FIBRIN, metabolism/ FIBRINOGEN, analysis/ *FIBRINOGEN, metabolism/ HUMAN/ *IMMUNOELECTROPHORESIS/ LIVER CIRRHOSIS, blood/ METHODS/ NEOPLASMS, blood/ POSTOPERATIVE COMPLICATIONS, blood/ *PRECIPITIN TESTS/ SEPTICEMIA, blood/ THROMBIN

979. **Broekere-Biesiadka B:** Pasożyty jelitowe a błona śluzowa jamy ustnej.
Czas Stomatol 25:799-805, Sep 72 (Pol)
ENGLISH ABSTRACT/ GASTRIC JUICE, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *INTESTINAL DISEASES, PARASITIC, complications/ *ORAL MANIFESTATIONS/ SCURVY, etiology/ VITAMIN A DEFICIENCY/ VITAMIN B DEFICIENCY/ VITAMIN K DEFICIENCY

980. **Brogden RN, Speight TM, Avery GS:** Streptokinase: a review of its clinical pharmacology, mechanism of action and therapeutic uses.
Drugs 5:357-445, 1973 (260 ref.)
AGE FACTORS/ ANTIGENS, BACTERIAL/ BLOOD COAGULATION DISORDERS, chemically induced/ BLOOD PLATELETS, drug effects/ BLOOD VISCOSITY, drug effects/ CELL AGGREGATION, drug effects/ DRUG INTERACTIONS/ DRUG STABILITY/ ENZYME ACTIVATION, drug effects/ FIBRINOLYSIS, drug effects/ FIBRINOLYTIC AGENTS, therapeutic use/ HEMOSTASIS/ HUMAN/ MYOCARDIAL INFARCT, drug therapy/ PLASMINOGEN, metabolism/ PREGNANCY/ PULMONARY EMBOLISM, drug therapy/ REVIEW/ *STREPTOKINASE/ STREPTOKINASE, administration & dosage/ STREPTOKINASE, adverse effects/ STREPTOKINASE, pharmacodynamics/ STREPTOKINASE, therapeutic use/ THROMBOPHLEBITIS, drug therapy

981. **Brondz BD, Snegireva AE:** Vliianie geparina na vzaimodeĭstvie immunnykh limfotsitov s kletkami-misheniami.
Tsitologiia 15:74-81, Jan 73 (Rus)
ANIMAL EXPERIMENTS/ *ANTIGEN-ANTIBODY REACTIONS, drug effects/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ ENGLISH ABSTRACT/ *HEPARIN, pharmacodynamics/ *LYMPHOCYTES, immunology/ MICE/ MICE, INBRED C57BL/ *SARCOMA, EXPERIMENTAL, immunology

982. **Bronnikov NM:** Kliniko-anatomicheskie varianty oestroi okkliuzii podkliuchichnoi i podkryl'tsovoi ven (sindrom (Pedzheta-Schrottera.
Klin Khir 7:44-6, Jul 73 (Rus)
ADULT/ *AXILLARY VEIN/ FIBRINOLYSIN, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ *INTERMITTENT CLAUDICATION, diagnosis/ INTERMITTENT CLAUDICATION, drug therapy/ MIDDLE AGE/ PHLEBOGRAPHY/ *SUBCLAVIAN VEIN/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, drug therapy

983. **Brookes M:** Blood supply of developing bone and its possible bearing on malformation of the limbs and face in congenital haemangiomatous disorders.
Proc R Soc Med 65:597-9, Jul 72
ANIMAL EXPERIMENTS/ ARTERIOVENOUS ANASTOMOSIS/ ARTERIOVENOUS FISTULA/ *BONE AND BONES, blood supply/ *BONE DEVELOPMENT/ CALCIUM, metabolism/ CARBON DIOXIDE, blood/ CHICK EMBRYO/ DOGS/ *EXTREMITIES, abnormalities/ *FACE, abnormalities/ FEMORAL VEIN/ FEMUR, growth & development/ *HEMANGIOMA, congenital/ HYDROGEN-ION CONCENTRATION/ LIGATION/ ORGAN WEIGHT/ OXYGEN, blood/ PARTIAL PRESSURE/ RABBITS/ RATS/ REGIONAL BLOOD FLOW/ TIBIA, blood supply/ TIBIA, growth & development

984. **Brookler KH:** Otitic barotrauma.
Laryngoscope 83:966-8, Jun 73
AEROSOLS/ AIR/ ATMOSPHERIC PRESSURE/ AVIATION MEDICINE/ EUSTACHIAN TUBE, injuries/ EUSTACHIAN TUBE, physiopathology/ HUMAN/ LARYNGITIS, complications/ NASOPHARYNGEAL DISEASES, complications/ NASOPHARYNX, physiopathology/ *OTITIS MEDIA/ OTITIS MEDIA, etiology/ OTITIS MEDIA, prevention & control/ PEPTIDE HYDROLASES, pharmacodynamics/ PULMONARY SURFACTANT, physiology/ SUBMARINE MEDICINE/ SURFACE-ACTIVE AGENTS, physiology

985. **Brooks CD, Schlagel CA, Sekhar NC, et al:** Tolerance and pharmacology of ibuprofen.
Curr Ther Res 15:180-90, Apr 73
*ANALGESICS AND ANTIPYRETICS, pharmacodynamics/ *ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ANTI-INFLAMMATORY AGENTS, therapeutic use/ BLOOD COAGULATION, drug effects/ CHROMIUM ISOTOPES/ CLINICAL RESEARCH/ COGNITION, drug effects/ DRUG TOLERANCE/ FURANS/ GASTROINTESTINAL DISEASES, chemically induced/ HUMAN/ INFLAMMATION, prevention & control/ NICOTINIC ACID/ OCCULT BLOOD/ PLACEBOS/ PLATELET ADHESIVENESS, drug effects/ *PROPIONATES, pharmacodynamics/ PROPIONATES, therapeutic use/ PROPIONATES, toxicity/ PROTHROMBIN TIME/ SKIN TESTS

986. **Brooks DE, Seaman GV:** Electroviscous effect in dextran-erythrocyte suspensions.
Nature [New Biol] 238:251-3, 23 Aug 72
*BLOOD VISCOSITY/ CELL ADHESION, drug effects/ *DEXTRAN, pharmacodynamics/ ELECTROPHYSIOLOGY/ ERYTHROCYTES, drug effects/ *ERYTHROCYTES, physiology/ HUMAN/ IN VITRO/ MOLECULAR WEIGHT/ RHEOLOGY

987. **Brooks DH, Carey LC:** Base deficit in superior mesenteric artery occlusion, an aid to early diagnosis.
Ann Surg 177:352-6, Mar 73
ABDOMEN, ACUTE, etiology/ *ACID-BASE EQUILIBRIUM/ ADULT/ AGED/ ANIMAL EXPERIMENTS/ BICARBONATES, blood/ BILE ACIDS AND SALTS/ BLOOD PRESSURE/ CARBON DIOXIDE, blood/ DOGS/ DUODENUM/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INTESTINAL PERFORATION, metabolism/ JEJUNUM/ LEUKOCYTE COUNT/ *MESENTERIC ARTERIES/ *MESENTERIC VASCULAR OCCLUSION, diagnosis/ MIDDLE AGE/ OXYGEN, blood/ PANCREATITIS, metabolism/ PULSE/ RESPIRATION/ TRYPSIN

988. **Brooks FP:** The neurohumoral control of pancreatic exocrine secretion.
Am J Clin Nutr 26:291-310, Mar 73 (226 ref.)
ACETYLCHOLINE, physiology/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, physiology/ ADENYL CYCLASE, secretion/ ANIMAL EXPERIMENTS/ BINDING SITES/ CHOLECYSTOKININ, physiology/ DIET/ ENDOCRINE GLANDS, physiology/ GASTRIN, physiology/ GLUCAGON, physiology/ HUMAN/ IMMUNOLOGIC TECHNICS/ *NEUROHUMORS/ PANCREAS, innervation/ *PANCREAS, secretion/ PANCREOZYMIN, physiology/ PARASYMPATHETIC NERVOUS SYSTEM, physiology/ PEPTIDES, physiology/ RECEPTORS, HORMONE/ REFLEX/ REVIEW/ SECRETIN, physiology/ SPLANCHNIC NERVES, physiology/ SYMPATHETIC NERVOUS SYSTEM, physiology/ TRYPSIN INHIBITORS, pharmacodynamics

989. **Brooks JC, Senior AE:** Methods for purification of each subunit of the mitochondrial oligomycin-insensitive adenosine triphosphatase.
Biochemistry 11:4675-8, 5 Dec 72
ADENOSINE TRIPHOSPHATASE, analysis/ *ADENOSINE TRIPHOSPHATASE, isolation & purification/ AMINO ACIDS, analysis/ AMMONIUM SULFATE/ ANIMAL EXPERIMENTS/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ DENSITOMETRY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GUANIDINES/ MACROMOLECULAR SYSTEMS/ METHODS/ *MITOCHONDRIA, MUSCLE, enzymology/ MOLECULAR WEIGHT/ MYOCARDIUM, cytology/ MYOCARDIUM, enzymology/

OLIGOMYCIN/ PRECIPITATION/ SODIUM DODECYL SULFATE/ TRYPSIN/ UREA

990. **Brooks JC, Siegel FL:** Purification of a calcium-binding phosphoprotein from beef adrenal medulla. Identity with one of two calcium-binding proteins of brain.
J Biol Chem 248:4189-93, 25 Jun 73
*ADRENAL MEDULLA, analysis/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY/ *CALCIUM/ CALCIUM ISOTOPES/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ COLD/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ *NERVE TISSUE PROTEINS/ NERVE TISSUE PROTEINS, isolation & purification/ ORGAN SPECIFICITY/ PEPTIDES, analysis/ PHOSPHOPROTEINS, analysis/ *PHOSPHOPROTEINS, isolation & purification/ PROTEIN BINDING/ SODIUM DODECYL SULFATE/ TIME FACTORS/ TRYPSIN/ ULTRACENTRIFUGATION

991. **Brooks JE, Bowerman AM:** Anticoagulant resistance in wild Norway rats in New York.
J Hyg (Camb) 71:217-22, Jun 73
ANIMAL EXPERIMENTS/ DRUG RESISTANCE/ FEMALE/ MALE/ NEW YORK/ *RATS/ *RODENT CONTROL/ SEX FACTORS/ *WARFARIN, toxicity

992. **Brooks MP:** Wound healing: a review.
J Miss State Med Assoc 14:385-90, Sep 73 (56 ref.)
ANTIBIOTICS, therapeutic use/ ASCORBIC ACID, pharmacodynamics/ COLLAGEN/ CROSS INFECTION/ DEBRIDEMENT/ DIET/ FIBRIN/ GRANULATION TISSUE/ HUMAN/ REVIEW/ SURGICAL INSTRUMENTS/ SURGICAL WOUND DEHISCENCE, prevention & control/ SURGICAL WOUND INFECTION, etiology/ SUTURES/ TISSUE ADHESIVES, therapeutic use/ *WOUND HEALING/ WOUND HEALING, drug effects/ WOUNDS AND INJURIES, complications/ WOUNDS AND INJURIES, drug therapy/ WOUNDS AND INJURIES, surgery/ ZINC, pharmacodynamics

993. **Bross W, Koczorowski S, Rogalski E, et al:** Pierwotne nowotwory złośliwe śledziony.
Wiad Lek 26:485-9, 15 Mar 73 (Pol)
ADULT/ *ANGIOSARCOMA, pathology/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOPERICYTOMA, pathology/ HUMAN/ MIDDLE AGE/ *SARCOMA, RETICULUM CELL, pathology/ *SPLENIC NEOPLASMS, pathology/ SPLENIC RUPTURE, diagnosis

994. **Brostoff SW, Eylar EH:** The proposed amino acid sequence of the P1 protein of rabbit sciatic nerve myelin. Arch Biochem Biophys 153:590-8, Dec 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ CARBOXYPEPTIDASES/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HUMAN/ MOLECULAR WEIGHT/ *MYELIN SHEATH, analysis/ *NERVE TISSUE PROTEINS, analysis/ PEPTIDES, analysis/ RABBITS/ SCIATIC NERVE/ SPECIES SPECIFICITY/ TRYPSIN

995. **Brostrom CO, Jeffay H:** Protein catabolism in rat liver nuclei. Biochim Biophys Acta 278:15-27, 31 Aug 72
ANIMAL EXPERIMENTS/ BLOOD PROTEINS, metabolism/ CARBON ISOTOPES/ CELL NUCLEUS, drug effects/ *CELL NUCLEUS, metabolism/ DEOXYRIBONUCLEASE, metabolism/ DNA, analysis/ HEMOGLOBIN, metabolism/ HYDROGEN-ION CONCENTRATION/ *LIVER, cytology/ LIVER, metabolism/ MALE/ MICROSCOPY, ELECTRON/ NUCLEOPROTEINS, metabolism/ PEPTIDE HYDROLASES, metabolism/ PROTEINS, analysis/ PROTEINS, metabolism/ *PROTEINS, metabolism/ RATS/ RIBONUCLEASE, metabolism/ RNA, TRANSFER, pharmacodynamics

996. **Brotman MK:** Patogeneticheskaia kharakteristika koreshkovykh sindromov pri poiasnichnom osteokhondroze.
Zh Nevropatol Psikhiatr 72:516-21, 1972 (Rus)
ADHESIONS/ ARACHNOIDITIS, complications/ CAUDA EQUINA/ ENGLISH ABSTRACT/ HUMAN/ *INTERVERTEBRAL DISK DISPLACEMENT, complications/ INTERVERTEBRAL DISK DISPLACEMENT, diagnosis/ *LUMBAR VERTEBRAE/ NERVE COMPRESSION SYNDROMES, etiology/ PERIPHERAL NERVE DISEASES, diagnosis/ *PERIPHERAL NERVE DISEASES, etiology/ SPINAL NERVE ROOTS/ *SPINAL NERVES

997. **Broulik PD, Ston J, Pacovsky V:** Effect of chronic renal failure on inactivation of parathormone by rat kidney tissue slices. Physiol Bohemoslov 21:239-42, May 72
ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ HISTOLOGICAL TECHNICS/ IN VITRO/ KIDNEY, enzymology/ *KIDNEY, metabolism/ *KIDNEY FAILURE, CHRONIC, metabolism/ LIVER, metabolism/ PARATHYROID HORMONE, antagonists & inhibitors/ *PARATHYROID HORMONE, metabolism/ PEPTIDE HYDROLASES, metabolism/ RATS/ TISSUE CULTURE

998. **Brower AC, Culver JE Jr, Keats TE:** Diffuse cystic angiomatosis of bone. Report of two cases.
Am J Roentgenol Radium Ther Nucl Med 118:456-63, Jun 73
ADULT/ ANGIOMATOSIS, pathology/ *ANGIOMATOSIS, radiography/ BONE CYST, pathology/ BONE CYST, radiography/ BONE NEOPLASMS, pathology/ *BONE NEOPLASMS, radiography/ CHILD/ FEMALE/ FEMORAL NEOPLASMS, radiography/ HUMAN/ HUMERUS/ LUMBAR VERTEBRAE/ MALE/ RADIUS/ SKULL NEOPLASMS, radiography/ SPINAL NEOPLASMS, radiography/ ULNA

999. **Brown CB, Clarkson AR, Robson JS, et al:** Haemolytic uraemic syndrome in women taking oral contraceptives. Lancet 1:1479-81, 30 Jun 73
ADULT/ AGED/ *ANEMIA, HEMOLYTIC, ACQUIRED, chemically induced/ BLOOD COAGULATION DISORDERS, chemically induced/ *CONTRACEPTIVES, ORAL, adverse effects/ *ESTROGENS, adverse effects/ FEMALE/ HEMOLYTIC-UREMIC SYNDROME, chem synthesis/ HUMAN/ MIDDLE AGE/ PREGNANCY/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, etiology/ THROMBOEMBOLISM, complications/ *UREMIA, chemically induced

1000. **Brown CG:** Vasectomy in the surgery.
Br Med J 4:553, 2 Dec 72
ANESTHESIA, LOCAL/ *GENERAL PRACTICE/ HEMATOMA, prevention & control/ HUMAN/ MALE/ *VASECTOMY

1001. **Brown DL, Lachmann PJ:** The behaviour of complement and platelets in lethal endotoxin shock in rabbits.
Int Arch Allergy Appl Immunol 45:193-205, 1973
ANIMAL EXPERIMENTS/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS/ CELL SURVIVAL/ CHROMIUM ISOTOPES/ *COMPLEMENT/ ENDOTOXINS/ MALE/ PHOSPHOLIPIDS/ POLYSACCHARIDES, BACTERIAL/ RABBITS/ SERRATIA MARCESCENS, immunology/ SHOCK, ENDOTOXIC, blood/ *SHOCK, ENDOTOXIC, immunology/ SHOCK, ENDOTOXIC, mortality/ SNAKES/ VENOMS

1002. **Brown FC, Tan EM:** Immunological reaction in keratoacanthoma, a spontaneously resolving skin tumor. Cancer Res 33:2030-3, Sep 73
ANTIBODIES, NEOPLASM, analysis/ BODY FLUIDS, immunology/ *COMPLEMENT, analysis/ COMPLEMENT FIXATION TESTS/ FEMALE/ FIBRIN, analysis/ FIBRINOGEN, analysis/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ *IGG, analysis/ *IGM, analysis/ *KERATOACANTHOMA, immunology/ MALE/ NEOPLASM REGRESSION,

SPONTANEOUS/ *SKIN NEOPLASMS, immunology

1003. **Brown JC:** Effect of concanavalin A on the sensitivity of mouse L cell surface glycoproteins to proteolysis. Biochem Biophys Res Commun 51:686-92, 2 Apr 73
CELLS, CULTURED/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CONCANAVALIN A, pharmacodynamics/ GLYCOPEPTIDES/ *GLYCOPROTEINS, metabolism/ HYDROLYSIS/ IODINE ISOTOPES/ *L CELLS, metabolism/ MICE/ *PHYTOMITOGENS, pharmacodynamics/ *PLANT AGGLUTININS, pharmacodynamics/ TRITIUM/ TRYPSIN, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics

1004. **Brown JC, Cook MA, Dryburgh JR:** Motilin, a gastric motor activity stimulating polypeptide: the complete amino acid sequence. Can J Biochem 51:533-7, May 73
AMINO ACID SEQUENCE/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ DANSYL COMPOUNDS/ ELECTROPHORESIS, PAPER/ *GASTROINTESTINAL HORMONES, analysis/ HYDROCHLORIC ACID/ HYDROLYSIS/ MOLECULAR WEIGHT/ *PEPTIDES, analysis/ PEPTIDES, isolation & purification/ THERMOLYSIN/ THIOCYANATES/ TRYPSIN

1005. **Brown JM:** A study of the mechanism by which anticoagulation with warfarin inhibits blood-borne metastases. Cancer Res 33:1217-24, Jun 73
ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION, drug effects/ FEMALE/ IDOXURIDINE, metabolism/ INJECTIONS, INTRAVENOUS/ IODINE ISOTOPES/ LEUKEMIA, EXPERIMENTAL/ LUNG NEOPLASMS, pathology/ LUNG NEOPLASMS, prevention & control/ LUNG NEOPLASMS, radiotherapy/ MICE/ MICE, INBRED C3H/ MICE, INBRED STRAINS/ *NEOPLASM CIRCULATING CELLS/ *NEOPLASM METASTASIS, prevention & control/ NEOPLASM TRANSPLANTATION/ SARCOMA, EXPERIMENTAL/ SARCOMA, EXPERIMENTAL, pathology/ SARCOMA, EXPERIMENTAL, prevention & control/ SARCOMA, EXPERIMENTAL, radiotherapy/ TRANSPLANTATION, HOMOLOGOUS/ VITAMIN K, pharmacodynamics/ WARFARIN, administration & dosage/ WARFARIN, antagonists & inhibitors/ WARFARIN, pharmacodynamics/ *WARFARIN, therapeutic use

1006. **Brown JP, Perham RN:** An amino acid sequence in the active site of lipoamide dehydrogenase from the 2-oxoglutarate dehydrogenase complex of E. coli (Crookes strain). FEBS Lett 26:221-4, 1 Oct 72
ALKYLATION/ *AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AUTORADIOGRAPHY/ BINDING SITES/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ DANSYL COMPOUNDS/ DITHIOTHREITOL/ ELECTROPHORESIS, PAPER/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ESCHERICHIA COLI, enzymology/ GUANIDINES/ KETOGLUTARIC ACID/ *LIPOAMIDE DEHYDROGENASE, analysis/ MULTIENZYME COMPLEXES/ OXIDOREDUCTASES, analysis/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ SODIUM DODECYL SULFATE/ THIOCYANATES/ TRYPSIN

1007. **Brown PR, Parks RE Jr, Herod J:** Use of high-pressure liquid chromatography for monitoring nucleotide concentration in human blood: a preliminary study with stored blood cell suspensions. Clin Chem 19:919-22, Aug 73
*ADENINE NUCLEOTIDES, blood/ BLOOD BANKS/ *BLOOD PRESERVATION/ CHROMATOGRAPHY, ION EXCHANGE/ DRUG STABILITY/ HUMAN/ METHODS/ TIME FACTORS

1008. **Brown RC, Blecher TE, French EA, et al:** Thrombotic thrombocytopenic purpura after influenza vaccination. Br Med J 2:303, 5 May 73
ADULT/ BLOOD TRANSFUSION/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ *INFLUENZA VACCINE, adverse effects/ PREDNISOLONE, therapeutic use/ PURPURA, THROMBOTIC THROMBOPENIC, drug therapy/ *PURPURA, THROMBOTIC THROMBOPENIC, etiology

1009. **Brown RH, Boulter D:** The amino acid sequence of cytochrome c from Allium porrum L. (leek). Biochem J 131:247-51, Feb 73
ACETYLATION/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CHROMATOGRAPHY, THIN LAYER/ CHYMOTRYPSIN/ *CYTOCHROME C, analysis/ DANSYL COMPOUNDS/ ELECTROPHORESIS/ HYDROGEN-ION CONCENTRATION/ PEPTIDES, analysis/ *PLANTS, analysis/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET

1010. **Brown RH, Boulter D:** The amino acid sequence of cytochrome c from Nigella damascena L. (love-in-a-mist). Biochem J 133:251-4, Jun 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ *CYTOCHROME C, analysis/ DANSYL COMPOUNDS/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ PEPTIDES, analysis/ *PLANTS, enzymology/ SEEDS/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET

1011. **Brown RH, Richardson M, Scogin R, et al:** The amino acid sequence of cytochrome c from Spinacea oleracea L. (spinach). Biochem J 131:253-6, Feb 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CHROMATOGRAPHY, THIN LAYER/ CHYMOTRYPSIN/ *CYTOCHROME C, analysis/ DANSYL COMPOUNDS/ ELECTROPHORESIS/ *PLANTS, analysis/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET

1012. **Brown WE, Wold F:** Alkyl isocyanates as active-site-specific reagents for serine proteases. Identification of the active-site serine as the site of reaction. Biochemistry 12:835-40, 27 Feb 73
AMINO ACIDS, analysis/ BINDING SITES/ CARBAMATES/ CARBON ISOTOPES/ CHROMATOGRAPHY, ION EXCHANGE/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, analysis/ CHYMOTRYPSIN, antagonists & inhibitors/ *CYANATES/ FORMIC ACIDS/ HYDROLYSIS/ OXIDATION-REDUCTION/ *PANCREATOPEPTIDASE/ PANCREATOPEPTIDASE, analysis/ PANCREATOPEPTIDASE, antagonists & inhibitors/ PEPTIDE PEPTIDOHYDROLASES/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ *SERINE/ SERINE, analysis/ SUBTILISINS/ TRYPSIN

1013. **Brown WE, Wold F:** Alkyl isocyanates as active-site-specific reagents for serine proteases. Reaction properties. Biochemistry 12:828-34, 27 Feb 73
ACETONE/ BINDING SITES/ CARBON ISOTOPES/ CHYMOTRYPSIN/ CHYMOTRYPSINOGEN/ CLOSTRIDIOPEPTIDASE A/ *CYANATES/ DRUG STABILITY/ HISTIDINE/ HYDROGEN-ION CONCENTRATION/ INDOLES/ KINETICS/ MODELS, CHEMICAL/ PANCREATOPEPTIDASE/ PAPAIN/ PEPSIN/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ SERINE/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN/ X-RAY DIFFRACTION

1014. **Brownstein S, Font RL, Alper MG:** Atheromatous plaques of the retinal blood vessels. Histologic confirmation of ophthalmoscopically visible lesions. Arch Ophthalmol 90:49-52, Jul 73
ARTERIOSCLEROSIS, complications/ ARTERIOSCLEROSIS, diagnosis/ ARTERIOSCLEROSIS, drug therapy/

*ARTERIOSCLEROSIS, pathology/ AUTOPSY/ CLOFIBRATE, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ HYPERCHOLESTEREMIA, complications/ HYPERLIPEMIA, complications/ MALE/ MIDDLE AGE/ OPHTHALMOSCOPY/ *RETINAL ARTERY, pathology

1015. **Browse NL**: The problems of deep vein thrombosis.
Am Heart J 84:149-52, Aug 72
ANTICOAGULANTS, therapeutic use/ BANDAGES/ ELECTRIC STIMULATION/ HUMAN/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, prevention & control/ THROMBOPHLEBITIS, therapy/ ULTRASONICS

1016. **Brozović M, Gurd L**: The effect of soy bean trypsin inhibitor on kaolin induced activation of factor VII.
Scand J Haematol 9:509-19, 1972
*FACTOR VII, antagonists & inhibitors/ FEMALE/ HUMAN/ KAOLIN, pharmacodynamics/ MALE/ SOY BEANS/ TEMPERATURE/ *TRYPSIN INHIBITORS, pharmacodynamics

1017. **Brozović M, Gurd LJ**: Prothrombin during warfarin treatment.
Br J Haematol 24:579-88, May 73
BLOOD COAGULATION DISORDERS, drug therapy/ HUMAN/ IMMUNOELECTROPHORESIS/ MYOCARDIAL INFARCT, drug therapy/ PHENYLBUTAZONE, therapeutic use/ PREDNISONE, therapeutic use/ *PROTHROMBIN, analysis/ PROTHROMBIN TIME/ THROMBOPHLEBITIS, drug therapy/ TIME FACTORS/ WARFARIN, administration & dosage/ *WARFARIN, therapeutic use

1018. **Bruck HG**: Correction of prominent ears. A new technique.
Arch Otolaryngol 98:10-3, Jul 73
BANDAGES/ CARTILAGE, surgery/ CHILD/ CHILD, PRESCHOOL/ EAR, EXTERNAL, abnormalities/ *EAR, EXTERNAL, surgery/ HEMATOMA, etiology/ HUMAN/ MALE/ METHODS/ POSTOPERATIVE COMPLICATIONS/ SKIN, surgery/ SKIN, transplantation/ *SURGERY, PLASTIC/ SURGICAL WOUND INFECTION, etiology/ SUTURE TECHNICS/ SUTURES, adverse effects/ TRANSPLANTATION, AUTOLOGOUS

1019. **Bruézière J**: Complications de la résection endoscopique chez l'enfant.
Acta Urol Belg 41:82-7, Jan 73 (Fre)
AGE FACTORS/ BLADDER, surgery/ CHILD/ CHILD, PRESCHOOL/ *CYSTOSCOPY, adverse effects/ FEMALE/ HEMATOMA, etiology/ HEMORRHAGE, etiology/ HUMAN/ INFANT/ MALE/ METHODS/ *POSTOPERATIVE COMPLICATIONS/ SCROTUM/ SEX FACTORS/ *URETER, surgery/ URETHRA/ URETHRAL STRICTURE, etiology/ URINARY INCONTINENCE, etiology

1020. **Brugarolas A, Mink IB, Elias EG, et al**: Correlation of hyperfibrinogenemia with major thromboembolism in patients with cancer.
Surg Gynecol Obstet 136:75-7, Jan 73
ADOLESCENCE/ ADULT/ AGED/ AUTOPSY/ *BLOOD COAGULATION DISORDERS, etiology/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ FEMORAL VEIN/ *FIBRINOGEN/ HUMAN/ ILIAC VEIN/ LEUKEMIA, complications/ LYMPHOMA, complications/ MALE/ MIDDLE AGE/ *NEOPLASMS, complications/ PULMONARY EMBOLISM, etiology/ RETROSPECTIVE STUDIES/ *THROMBOEMBOLISM, etiology/ THROMBOPHLEBITIS, etiology/ VENA CAVA, INFERIOR

1021. **Brühl W, Küstner W**: Akutes Mediastinalsyndrom bei spontaner Blutung im Schilddrüsenbereich.
Med Klin 67:1594-6, 1 Dec 72 (Ger)
CASE REPORT/ DYSPNEA, etiology/ ENGLISH ABSTRACT/ FEMALE/ HEMATOMA, complications/ HEMATOMA, etiology/ *HEMORRHAGE, complications/ HUMAN/ MEDIASTINAL DISEASES, complications/ *MEDIASTINAL DISEASES, etiology/ MIDDLE AGE/ *THYROID DISEASES, complications/ TRACHEAL STENOSIS, etiology/ TRACHEOTOMY

1022. **Bruhn HD**: Salicylsäurederivate als Anticoagulantien.
Verh Dtsch Ges Inn Med 77:1035-7, 1971 (Ger)
*ANTICOAGULANTS, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ FACTOR XI, antagonists & inhibitors/ FACTOR XII, antagonists & inhibitors/ HUMAN/ IN VITRO/ *SALICYLATES, pharmacodynamics/ SALICYLIC ACID, pharmacodynamics

1023. **Bruhn HD**: Die Abhängigkeit der Euglobulinlysezeit vom Plättchengehalt des Plasmas.
Med Welt 23:1691, 11 Nov 72 (Ger)
BLOOD CELL COUNT/ *BLOOD COAGULATION TESTS/ *BLOOD PLATELETS/ FIBRINOLYSIS/ HUMAN/ *SERUM GLOBULINS/ TIME FACTORS

1024. **Bruhn HD, Jipp P, Schellmann J, et al**: Zur Antikoagulantienprophylaxe bei chirurgischer und konservativer Therapie chronischer Becken-Bein-Arterienverschlüsse.
Med Klin 67:1514-9, 17 Nov 72 (Ger)
ADMINISTRATION, ORAL/ ADULT/ AGED/ ANGIOGRAPHY/ ARTERIOSCLEROSIS, drug therapy/ *ARTERIOSCLEROSIS, prevention & control/ ARTERIOSCLEROSIS, surgery/ BLOOD COAGULATION TESTS/ CHRONIC DISEASE/ *COUMARINS, administration & dosage/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LEG, blood supply/ LONG TERM CARE/ MALE/ MIDDLE AGE/ PELVIS, blood supply/ POSTOPERATIVE CARE/ PULSE

1025. **Bruhn HD, Jipp P, Ravens KG**: Hypercoagulabilität durch Colamin-Kephalin.
Verh Dtsch Ges Inn Med 78:726-8, 1972 (Ger)
BLOOD COAGULATION, drug effects/ *BLOOD COAGULATION DISORDERS, chemically induced/ *CEPHALINS, adverse effects/ *ETHANOLAMINES, adverse effects/ FIBRINOLYSIS, drug effects/ HUMAN

1026. **Brune GG, Sili V**: Karzinoid-Syndrom. Tryptophan-Stoffwechsel--Pathogenese der Begleitsymptome--Tumorkombination.
Munch Med Wochenschr 114:973-8, 19 May 72 (Ger)
ADENOCARCINOMA, complications/ CARCINOID TUMOR, complications/ CARCINOID TUMOR, drug therapy/ *CARCINOID TUMOR, physiopathology/ CHONDROMA, complications/ COLONIC NEOPLASMS, complications/ CYPROHEPTADINE, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ HYDROXYINDOLEACETIC ACID, urine/ INTESTINAL NEOPLASMS, complications/ INTESTINAL NEOPLASMS, drug therapy/ *INTESTINAL NEOPLASMS, physiopathology/ INTESTINAL NEOPLASMS, urine/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ LUNG NEOPLASMS, complications/ MALE/ MEDICAL HISTORY TAKING/ METHYSERGIDE, therapeutic use/ NEOPLASM METASTASIS

1027. **Brünger H**: Lokalbehandlung stumpfer Traumen mit einem analgetisch und antiexsudativ wirkenden Gel.
Munch Med Wochenschr 115:955-6, 18 May 73 (Ger)
*CONTUSIONS, drug therapy/ GELS/ HEMATOMA, drug therapy/ *HEPARIN, therapeutic use/ HUMAN/ *MENTHOL, therapeutic use/ *SALICYLATES, therapeutic use

1028. **Bruni B**: Uso cardiologico del glucagone-protamina-zinco in corso di diabete.
Minerva Med 63:4513-9, 21 Nov 72 (Ita)
ACUTE DISEASE/ ADRENERGIC BETA RECEPTOR BLOCKADERS, adverse effects/ AGED/ CLINICAL RESEARCH/ DELAYED-ACTION PREPARATIONS/ *DIABETES MELLITUS, complications/ ENGLISH ABSTRACT/ FEMALE/ GLUCAGON, therapeutic use/ HEART

DISEASES, chemically induced/ *HEART DISEASES, drug therapy/ HEART FAILURE, CONGESTIVE, drug therapy/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, drug therapy/ *PROTAMINES, therapeutic use/ SHOCK, CARDIOGENIC, drug therapy/ *ZINC, therapeutic use

1029. **Bruni CB, Martin RG, Rechler MM:** COOH-terminal amino acid sequence of histidinol dehydrogenase from a Salmonella typhimurium mutant.
J Biol Chem 247:6671-8, 25 Oct 72
*ALCOHOL OXIDOREDUCTASES, analysis/ ALCOHOL OXIDOREDUCTASES, isolation & purification/ ALKYLATION/ AMINO ACIDS, analysis/ AMINO ALCOHOLS/ AMMONIUM SULFATE/ BASE SEQUENCE/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHROMOSOME MAPPING/ CHYMOTRYPSIN/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, PAPER/ GENES, STRUCTURAL/ GENETIC CODE/ GENETICS, MICROBIAL/ HYDRAZINES/ IODOACETATES/ LINKAGE (GENETICS)/ MERCAPTOETHANOL/ MUTATION/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PRECIPITATION/ *SALMONELLA TYPHIMURIUM, enzymology/ TRYPSIN

1030. **Brunner KW, Maurice P, Sonntag RW:** Zur Therapie ds Lymphogranuloms. CCNU (1-(2-Chloräthyl)-3-zyklohexyl-1-Nitrosourea) und BCNU (1,3-bis(2-Chloroäthyl)-1-Nitrosourea) sowie BCNU-Kombinationen beim Lymphogranulom Hodgkin, Stadium 3 und 4.
Schweiz Med Wochenschr 102:1546-51, 28 Oct 72 (Ger)
CARMUSTINE, administration & dosage/ CARMUSTINE, adverse effects/ *CARMUSTINE, therapeutic use/ CHLORAMBUCIL, therapeutic use/ CYCLOHEXANE, administration & dosage/ CYCLOHEXANE, adverse effects/ CYCLOHEXANE, therapeutic use/ DRUG RESISTANCE/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ *HODGKIN'S DISEASE, drug therapy/ HUMAN/ NITROSOUREA COMPOUNDS, administration & dosage/ NITROSOUREA COMPOUNDS, adverse effects/ *NITROSOUREA COMPOUNDS, therapeutic use/ PREDNISONE, therapeutic use/ PROCARBAZINE, therapeutic use/ REMISSION/ THROMBOPENIA, chemically induced/ TIME FACTORS/ VINBLASTINE, therapeutic use/ VINCRISTINE, therapeutic use

1031. **Brunswig D:** Konservative Therapie gastrointestinaler Blutungen unter besonderer Berücksichtigung des Stress-Ulkus. Fortschr Med 90:1003-4, 12 Oct 72 (Ger)
ANTIFIBRINOLYTIC AGENTS, therapeutic use/ BLOOD TRANSFUSION/ GASTRIC HYPOTHERMIA/ *HEMOSTASIS/ HEMOSTATICS, therapeutic use/ HUMAN/ PEPTIC ULCER HEMORRHAGE, drug therapy/ PEPTIC ULCER HEMORRHAGE, etiology/ *PEPTIC ULCER HEMORRHAGE, therapy/ PLASMA SUBSTITUTES, therapeutic use/ STOMACH ULCER, drug therapy/ *STOMACH ULCER, therapy/ *STRESS, PSYCHOLOGICAL

1032. **Brunzell JD, Hazzard WR, Porte D Jr, et al:** Evidence for a common, saturable, triglyceride removal mechanism for chylomicrons and very low density lipoproteins in man. J Clin Invest 52:1578-85, Jul 73
ADULT/ CHYLOMICRONS, blood/ *CHYLOMICRONS, metabolism/ DIETARY CARBOHYDRATES/ DIETARY FATS/ FEMALE/ HEPARIN, diagnostic use/ HUMAN/ HYDROLYSIS/ *HYPERLIPEMIA, metabolism/ *LIPOPROTEINS, metabolism/ LIPOPROTEINS, VLDL, blood/ LIPOPROTEINS, VLDL, metabolism/ MALE/ MIDDLE AGE/ TRIGLYCERIDES, blood/ *TRIGLYCERIDES, metabolism

1033. **Brunzell JD, Hazzard WR, Porte D Jr, et al:** Evidence for a common, saturable, triglyceride removal mechanism for chylomicrons and very low density lipoproteins in man. J Clin Invest 22:1578-85, Jul 73
ADULT/ CHYLOMICRONS, blood/ *CHYLOMICRONS, metabolism/ DIETARY CARBOHYDRATES/ DIETARY FATS/ FEMALE/ HEPARIN, diagnostic use/ HUMAN/ HYDROLYSIS/ *HYPERLIPEMIA, metabolism/ *LIPOPROTEINS, metabolism/ LIPOPROTEINS, VLDL, blood/ LIPOPROTEINS, VLDL, metabolism/ MALE/ MIDDLE AGE/ TRIGLYCERIDES, blood/ *TRIGLYCERIDES, metabolism

1034. **Brush JS, Shah RJ:** Purification and characterization of inhibitors of insulin specific protease in human serum.
Biochem Biophys Res Commun 53:894-903, 6 Aug 73
ALPHA GLOBULIN, analysis/ *ALPHA GLOBULIN, isolation & purification/ ALPHA GLOBULIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ DOSE-RESPONSE RELATIONSHIP, DRUG/ GEL FILTRATION/ HEAT/ HUMAN/ INSULIN/ IODINE ISOTOPES/ KINETICS/ LIVER, drug effects/ LIVER, enzymology/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PROTEIN DENATURATION/ RATS/ SOLUBILITY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TIME FACTORS

1035. **Brüster H:** Diagnostik und Therapie hämolytisch-hämorrhagischer Transfusions-zwischenfälle.
Zentralbl Neurochir 33:63-8, 1972 (Ger)
BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION DISORDERS, therapy/ BLOOD COAGULATION TESTS/ *BLOOD TRANSFUSION, adverse effects/ ENGLISH ABSTRACT/ FACTOR V/ FACTOR VIII/ FACTOR XIII/ FIBRINOGEN/ HUMAN/ MICROCIRCULATION/ PROTHROMBIN/ THROMBOPLASTIN/ THROMBOSIS, etiology/ TOXINS

1036. **Bryan MH, Wei P, Hamilton JR, et al:** Supplemental intravenous alimentation in low-birth-weight infants.
J Pediatr 82:940-4, Jun 73
AMINO ACIDS, blood/ APNEA, occurrence/ BIRTH WEIGHT/ BLOOD SUGAR, analysis/ BODY WEIGHT/ CHROMATOGRAPHY, THIN LAYER/ COMPARATIVE STUDY/ FIBRIN/ GESTATIONAL AGE/ GLUCOSE/ HUMAN/ INFANT, NEWBORN/ *INFANT, PREMATURE/ NITROGEN, metabolism/ OSMOLAR CONCENTRATION/ *PARENTERAL FEEDING/ PROTEIN HYDROLYSATES

1037. **Bryk D:** Functional evaluation of small bowel obstruction by successive abdominal roentgenograms.
Am J Roentgenol Radium Ther Nucl Med 116:262-75, Oct 72
ABSCESS, complications/ ADHESIONS/ EVALUATION STUDIES/ GASTROINTESTINAL MOTILITY/ HERNIA, complications/ HUMAN/ INGUINAL HERNIA, complications/ INTESTINAL OBSTRUCTION, etiology/ INTESTINAL OBSTRUCTION, physiopathology/ *INTESTINAL OBSTRUCTION, radiography/ *INTESTINE, SMALL, radiography/ *TECHNOLOGY, RADIOLOGIC

1038. **Bryon PA, Dechavanne M, Thouverez JP, et al:** Etude de la dégranulation des plaquettes sanguines in vitro par une méthode ultrastrurale quantitative.
C R Soc Biol (Paris) 166:893-8, 1972 (Fre)
*BLOOD PLATELETS/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CALCIUM, pharmacodynamics/ CYTOLOGICAL TECHNICS/ *CYTOPLASMIC GRANULES/ CYTOPLASMIC GRANULES, drug effects/ EDTA, pharmacodynamics/ HUMAN/ MAGNESIUM, pharmacodynamics/ MICROSCOPY, ELECTRON/ THROMBIN, pharmacodynamics

1039. **Buchanan EC, Brooks MR, Greenwood RB:** A self-medication program for cardiology inpatients.
Am J Hosp Pharm 29:928-34, Nov 72
AGED/ ATTITUDE/ *CARDIOVASCULAR DISEASES, drug therapy/ EVALUATION STUDIES/ FEMALE/ *HOSPITAL MEDICATION SYSTEMS/ HOSPITAL PHARMACY SERVICE/ HOSPITALS, TEACHING/ HUMAN/ MEDICATION ERRORS/ MIDDLE AGE/ NORTH CAROLINA/ PATIENTS/ PILOT PROJECTS/ PREDNISONE, administration & dosage/ PREDNISONE, therapeutic use/ *SECOBARBITAL, pharmacodynamics/ *SELF MEDICATION/ WARFARIN, administration & dosage/ WARFARIN, antagonists & inhibitors/ WARFARIN, therapeutic use

1040. **Buchanan JW, Botts RP:** Clinical effects of repeated cardiac punctures in dogs.
J Am Vet Med Assoc 161:814-8, 1 Oct 72
ADHESIONS/ ANIMAL EXPERIMENTS/ AORTIC VALVE INSUFFICIENCY, etiology/ AORTIC VALVE INSUFFICIENCY, veterinary/ ARRHYTHMIA, etiology/ ARRHYTHMIA, veterinary/ *DOG DISEASES, etiology/ DOGS/ ELECTROCARDIOGRAPHY, veterinary/ HEART AUSCULTATION, veterinary/ HEART BLOCK, etiology/ HEART BLOCK, veterinary/ *HEART DISEASES, veterinary/ IMMUNE SERUMS/ MITRAL VALVE INSUFFICIENCY, etiology/ MITRAL VALVE INSUFFICIENCY, veterinary/ NEEDLES/ PUNCTURES, adverse effects/ *PUNCTURES, veterinary

1041. **Buchanan N, Kagan E, Rosen EU, et al:** Type I dysgammaglobulinaemia. A case report showing auto-immune phenomena.
S Afr Med J 47:907-10, 2 Jun 73
ANTI-ANTIBODIES/ AUTOANTIBODIES/ *AUTOIMMUNE DISEASES, complications/ BACTERIAL INFECTIONS, complications/ CHILD/ ERYTHROCYTES, immunology/ HUMAN/ IGA/ IGG/ *IMMUNOLOGIC DEFICIENCY SYNDROMES, complications/ IMMUNOLOGIC DEFICIENCY SYNDROMES, immunology/ LYMPHOCYTES, immunology/ MALE/ TETRAZOLIUM SALTS, diagnostic use/ THROMBOPENIA, complications

1042. **Bucher HJ:** Qualitätskontrolle im hämotologischen Labor.
Schweiz Med Wochenschr 102:1857-66, 23 Dec 72 (Ger)
BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, analysis/ BLOOD VOLUME/ *DIAGNOSIS, LABORATORY/ ENGLISH ABSTRACT/ ERYTHROCYTE COUNT/ FIBRINOGEN, analysis/ HEMATOCRIT/ *HEMATOLOGY/ HEMOGLOBIN, analysis/ HUMAN/ LEUKOCYTE COUNT/ PROTHROMBIN TIME/ QUALITY CONTROL/ THROMBOPLASTIN, analysis

1043. **Bucher HW:** Myokardinfarkt und Plasmafettsäuren.
Schweiz Med Wochenschr 103:199-203, 10 Feb 73 (Ger)
ARTERIOSCLEROSIS, blood/ BLOOD COAGULATION, drug effects/ CATECHOLAMINES, blood/ DIETARY FATS/ ENGLISH ABSTRACT/ *FATTY ACIDS, NONESTERIFIED, blood/ FATTY ACIDS, NONESTERIFIED, pharmacodynamics/ FEMALE/ HEART BLOCK, blood/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, mortality/ PROGNOSIS/ TRIGLYCERIDES, blood

1044. **Bucher HW:** The influence of platelets on lipoprotein-lipase activity.
Helv Med Acta 37:49-54, 1973
ADULT/ AGED/ ARTERIOSCLEROSIS, metabolism/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ BLOOD PLATELETS, metabolism/ CELL WALL, enzymology/ CORONARY DISEASE, metabolism/ FATTY ACIDS, NONESTERIFIED, metabolism/ *HEPARIN, pharmacodynamics/ HUMAN/ HYPERGLYCEMIA, metabolism/ LIPIDS, metabolism/ *LIPOPROTEIN LIPASE, metabolism/ MIDDLE AGE/ TIME FACTORS

1045. **Bucher U, Weck A de, Spengler H, et al:** Platele transfusions: shortened survival of HL-A-identica platelets and failure of in vitro detection of anti-platelet antibodies after multiple transfusions
Vox Sang 25:187-92, 1973
ADULT/ BLOOD PLATELET DISORDERS, immunology/ *BLOOD PLATELETS, immunology/ *BLOOD TRANSFUSION/ FEMALE/ *HISTOCOMPATIBILITY ANTIGENS/ HISTOCOMPATIBILITY TESTING HUMAN/ *ISOANTIBODIES, analysis/ PURPURA, THROMBOPENIC, familial & genetic

1046. **Bücheri ES:** Künstliche Organe--Entwicklungstenden und Probleme.
Langenbecks Arch Chir 329:354-9, Dec 71 (Ger
ARTIFICIAL LIMBS/ *ARTIFICIAL ORGANS/ *BIOMEDICAL ENGINEERING/ BLOOD CIRCULATION/ BLOOD COAGULATION/ ENGLISH ABSTRACT/ EXTRACORPOREAL CIRCULATION/ HEART, MECHANICAL/ HUMAN/ KIDNEY, ARTIFICIAL/ LEG/ LUNG/ OXYGENATORS/ PLASTICS, adverse effects

1047. **Buchs S:** Das ungelöste Problem der Eiweissspaltun im Magen.
Dtsch Med Wochenschr 98:1372-6, Jul 73 (Ger
BUFFERS/ CARBOHYDRATES, metabolism/ CHEMISTRY/ *DIETARY PROTEINS, metabolism/ *DIGESTION/ GASTRIC ACIDITY DETERMINATION/ GASTRIC JUICE, physiology/ HUMAN/ HYDROGEN-ION CONCENTRATION/ PEPSIN, physiology/ STOMACH, enzymology/ *STOMACH, physiology/ TIME FACTORS/ TRYPSIN, physiology

1048. **Buchwald H, Moore RB, Bertish J, et al:** Effect of ilea bypass on cholesterol levels, atherosclerosis an growth in the infant rabbit. Ann Surg 175:311-9, Mar 7
ANIMAL EXPERIMENTS/ ARTERIOSCLEROSIS, pathology/ *ARTERIOSCLEROSIS, prevention & control/ BODY WEIGHT/ CHOLESTEROL/ *CHOLESTEROL, blood/ CORONARY VESSELS, pathology/ DIET, ATHEROGENIC/ DIETARY FATS/ *GROWTH/ *ILEUM/ INTESTINAL ABSORPTION/ *INTESTINE, SMALL, surgery/ MYOCARDIAL INFARCT, pathology/ MYOCARDIUM, pathology/ RABBITS

1049. **Buckler JW, Goldberg AA, Hall JE, et al:** Esperienz quinquennale con l'ibuprofen: resoconto di uno studi clinico multicentrico.
Minerva Med 64:2467-70, 23 Jun 73 (Ita
ALKALINE PHOSPHATASE, blood/ ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ *ANTI-INFLAMMATORY AGENTS, therapeutic use/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ BLOOD PLATELETS, drug effects/ CLINICAL RESEARCH/ DRUG TOLERANCE/ EVALUATION STUDIES/ FOLLOW-UP STUDIES/ HUMAN/ LYMPHOCYTES, drug effects/ PROPIONATES, pharmacodynamics/ *PROPIONATES, therapeutic use/ *RHEUMATISM, drug therapy/ RHEUMATISM, enzymology/ TIME FACTORS

1050. **Buckner CD, Clift RA, Fefer A, et al:** Aplastic anemi treated by marrow transplantation.
Transplant Proc 5:913-6, Mar 73
ADOLESCENCE/ ADULT/ *ANEMIA, APLASTIC, therapy/ ANTIBIOTICS, therapeutic use/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ *BONE MARROW CELLS, transplantation/ CYCLOPHOSPHAMIDE, therapeutic use/ FEMALE/ GRAFT REJECTION/ GRAFT VS HOST REACTION/ HEMATOCRIT/ HEMOGLOBINURIA, PAROXYSMAL, etiology/ HUMAN/ LEUKEMIA, MYELOCYTIC, blood/ LEUKOCYTE CULTURE TEST, MIXED/ LEUKOCYTES/ MALE/ METHOTREXATE,

therapeutic use/ MIDDLE AGE/ TRANSPLANTATION, HOMOLOGOUS

1051. **Bucknill T, Jackson JW, Kemp HB, et al:** Haemangioma of a vertebral body treated by ligation of the segmental arteries. Report of a case.
J Bone Joint Surg [Br] 55:534-9, Aug 73
ADULT/ ANGIOGRAPHY/ ARTERIOVENOUS MALFORMATIONS, complications/ *ARTERIOVENOUS MALFORMATIONS, surgery/ BACKACHE, etiology/ HEMANGIOMA, complications/ HEMANGIOMA, surgery/ HUMAN/ LIGATION/ *LUMBAR VERTEBRAE/ LUMBAR VERTEBRAE, radiography/ MALE/ SPINAL FUSION/ TOMOGRAPHY, RADIOGRAPHIC

1052. **Bucolo G, David H:** Quantitative determination of serum triglycerides by the use of enzymes.
Clin Chem 19:476-82, May 73
AUTOANALYSIS/ CHROMATOGRAPHY, THIN LAYER/ CHYMOTRYPSIN, diagnostic use/ DRUG STABILITY/ FATTY ACIDS, blood/ GLYCERIN/ GLYCERIN, blood/ HUMAN/ HYDROLYSIS/ HYDROXIDES, diagnostic use/ LIPASE, diagnostic use/ METHODS/ PHOSPHOTRANSFERASES, diagnostic use/ POTASSIUM/ SPECTROPHOTOMETRY/ *TRIGLYCERIDES, blood

1053. **Buczko W, Wiśniewski K:** Studies on the role of fibrinolysis and fibrinogen degradation products (FDP) in analgesic action of morphine.
Thromb Diath Haemorrh 28:359-66, 31 Dec 72
ANIMAL EXPERIMENTS/ BRAIN, metabolism/ CATTLE/ FIBRINOGEN, isolation & purification/ *FIBRINOGEN, metabolism/ FIBRINOLYSIN/ *FIBRINOLYSIS/ GEL FILTRATION/ MALE/ MICE/ MICE, INBRED STRAINS/ MOLECULAR WEIGHT/ MORPHINE, metabolism/ *MORPHINE, pharmacodynamics/ NICOTINIC ACID/ PEPTIDES, isolation & purification/ RATS/ SERUM GLOBULINS/ STIMULATION, CHEMICAL/ TRYPSIN, pharmacodynamics

1054. **Buddecke E:** Saure Glykosaminoglykane und Proteoglykane.
Arch Dermatol Forsch 244:95-104, 1972 (Ger)
ANIMAL EXPERIMENTS/ CHONDROITIN, analysis/ COLLAGEN, biosynthesis/ CONNECTIVE TISSUE, analysis/ *CONNECTIVE TISSUE, metabolism/ *GLYCOPROTEINS, biosynthesis/ HEPARIN, analysis/ HEPARITIN SULFATE, analysis/ MUCOPOLYSACCHARIDES, analysis/ *MUCOPOLYSACCHARIDES, biosynthesis/ RATS/ SKIN, analysis/ *SKIN, metabolism

1055. **Buege JA, Aust SD:** On the solubilization of NADPH-cytochrome c reductase from rat liver microsomes with crude pancreatic lipase.
Biochim Biophys Acta 286:433-6, 29 Dec 72
ANIMAL EXPERIMENTS/ CYTOCHROME C/ GEL FILTRATION/ *LIPASE, pharmacodynamics/ LIVER, enzymology/ *MICROSOMES, LIVER, enzymology/ NADH, NADPH OXIDOREDUCTASES, isolation & purification/ *OXIDOREDUCTASES, isolation & purification/ *PANCREAS, enzymology/ PEPTIDE HYDROLASES, pharmacodynamics/ PLANTS/ RATS/ SOLUBILITY/ TRYPSIN INHIBITORS, pharmacodynamics

1056. **Bugliarello G:** Biorheology, information theory and cybernetics. Biorheology 10:117-27, Jun 73
*BIOLOGY/ BLOOD FLOW VELOCITY/ BLOOD VISCOSITY/ *CYBERNETICS/ HUMAN/ *INFORMATION THEORY/ MEMORY/ MODELS, BIOLOGICAL/ *RHEOLOGY

1057. **Bühler EM, Tsuchimoto T, Stalder GR:** Reverse banding in the human Y chromosome.
Lancet 813:1178-9, 23 May 73
HUMAN/ *KARYOTYPING/ MALE/ MITOSIS/ *SEX CHROMOSOMES/ STAINS AND STAINING/ TRYPSIN, pharmacodynamics

1058. **Bühler EM, Tsuchimoto T, Stalder GR:** Reverse banding in the human Y chromosome.
Lancet 1:1178-9, 26 May 73
HUMAN/ *KARYOTYPING/ MALE/ MITOSIS/ *SEX CHROMOSOMES/ STAINS AND STAINING/ TRYPSIN, pharmacodynamics

1059. **Buhmeyer KJ, Cohen E:** The relationship of protamine sulfate to nonspecific precipitin reactions in immunodiffusion. Am J Clin Pathol 58:303-4, Sep 72
ANTIGEN-ANTIBODY COMPLEX/ *AUSTRALIA ANTIGEN, analysis/ *GEL DIFFUSION TESTS/ HEPARIN/ HUMAN/ *LIPOPROTEINS, blood/ *PROTAMINES/ SULFATES

1060. **Buĭko AS:** Reorgrafiia zdorovoĭ orbity i pri nekotorykh pathologicheskiĭh sostoianiiakh ee.
Oftalmol Zh 27:271-5, 1972 (Rus)
ADOLESCENCE/ ADULT/ AGED/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, diagnosis/ HUMAN/ MALE/ MIDDLE AGE/ *ORBIT, blood supply/ *ORBITAL NEOPLASMS, diagnosis/ PLETHYSMOGRAPHY, IMPEDANCE

1061. **Büky B, Bell W, Matthews P, et al:** Arvin anticoagulation for prolonged extracorporeal membrane oxygenation.
Trans Am Soc Artif Intern Organs 19:56-60, 1973
ANIMAL EXPERIMENTS/ ANTICOAGULANTS, administration & dosage/ ANTICOAGULANTS, pharmacodynamics/ *ANTICOAGULANTS, therapeutic use/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ ERYTHROCYTES/ *EXTRACORPOREAL CIRCULATION/ FIBRINOGEN, analysis/ GLUCOSE, administration & dosage/ *HEART, MECHANICAL/ HEMATOCRIT/ HEPARIN, administration & dosage/ LACTATES, administration & dosage/ LEUKOCYTE COUNT/ *MEMBRANES, ARTIFICIAL/ OXYGEN, blood/ OXYGENATORS, MEMBRANE/ PEPTIDE HYDROLASES, administration & dosage/ PEPTIDE HYDROLASES, pharmacodynamics/ *PEPTIDE HYDROLASES, therapeutic use/ SHEEP/ SNAKES/ VENOMS, administration & dosage/ VENOMS, pharmacodynamics/ *VENOMS, therapeutic use

1062. **Buletza GF Jr, Quay WB:** Differential effects of anesthetics on neutral proteinase activity of rat brain regions according to time of day.
Brain Res 46:369-79, 13 Nov 72
*ANESTHETICS, pharmacodynamics/ ANIMAL EXPERIMENTS/ BRAIN, drug effects/ *BRAIN, enzymology/ CARBON DIOXIDE, pharmacodynamics/ CAUDATE NUCLEUS, enzymology/ CEREBRAL ANOXIA, metabolism/ CEREBRAL CORTEX, enzymology/ ETHYL ETHER, pharmacodynamics/ HYPOTHALAMUS, enzymology/ MALE/ PENTOBARBITAL, pharmacodynamics/ *PEPTIDE HYDROLASES, metabolism/ RATS/ TIME FACTORS

1063. **Bull BS, Brailsford JD:** The zeta sedimentation ratio.
Blood 40:550-9, Oct 72
BLOOD SEDIMENTATION/ *BLOOD SEDIMENTATION/ CENTRIFUGATION/ FEMALE/ FIBRINOGEN/ GAMMA GLOBULIN/ GELATIN/ *HEMATOCRIT/ HUMAN/ MACROMOLECULAR SYSTEMS/ MALE/ METHODS

1064. **Bull HB, Breese K:** Thermal transitions of proteins.
Arch Biochem Biophys 156:604-12, Jun 73
BLOOD PROTEINS/ CYTOCHROME C/ GLOBULINS/ GUANIDINES/ HEAT/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MURAMIDASE/ MYOGLOBIN/ OSMOLAR CONCENTRATION/ *OVALBUMIN/ PEPSIN/ PHOSPHOPYRUVATE HYDRATASE/ *PROTEIN DENATURATION/ PROTEINS/ RIBONUCLEASE/ SODIUM CHLORIDE/ TRYPSIN INHIBITORS

1065. **Bullock GR, Carter EE, White AM:** The analysis of rat skeletal muscle mitochondria isolated by the method of tryptic lysis.

Biochim Biophys Acta 292:350-9, 22 Feb 73
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CELL FRACTIONATION/ CENTRIFUGATION, DENSITY GRADIENT/ MICROSCOPY, ELECTRON/ *MITOCHONDRIA, MUSCLE/ MITOCHONDRIA, MUSCLE, analysis/ MITOCHONDRIA, MUSCLE, drug effects/ MITOCHONDRIA, MUSCLE, metabolism/ MUSCLES, drug effects/ OXYGEN CONSUMPTION/ PHOSPHOLIPIDS, analysis/ PROTEINS, analysis/ RATS/ *TRYPSIN, pharmacodynamics

1066. **Buluk K, Czokalo M, Zuch A:** Enzym hageman jako rozrusznik układow kininogenezy krwi.
Pol Arch Med Wewn 50:475-80, May 73 (44 ref.) (Pol)
ENZYME ACTIVATION/ ENZYME PRECURSORS, metabolism/ *FACTOR XII/ FACTOR XII, physiology/ FIBRINOLYSIN, metabolism/ FIBRINOLYSIS, drug effects/ HUMAN/ KALLIKREIN, metabolism/ KININOGENS, physiology/ *KININS/ PEPTIDE HYDROLASES, blood/ *PROTEIN PRECURSORS/ REVIEW

1067. **Buluk K, Zuch A, Januszko T:** The production of plasminogen activator during perfusion of isolated rabbit kidneys. Experientia 29:90-1, 1 May 73
ANIMAL EXPERIMENTS/ ENZYME ACTIVATION/ ERYTHROCYTES/ IN VITRO/ *KIDNEY, analysis/ OXYGEN/ *PERFUSION/ *PLASMINOGEN/ RABBITS/ TISSUE EXTRACTS

1068. **Bump RL, Kolodny SC:** Fibrinolysis: a possible factor in the control of postoperative hemorrhage in the patient with hemophilia. Oral Surg 36:195-200, Aug 73
ADULT/ *AMINOCAPROIC ACID, therapeutic use/ CASE REPORT/ *FIBRINOLYSIS/ *HEMOPHILIA/ *HEMORRHAGE, ORAL, prevention & control/ HUMAN/ MALE/ POSTOPERATIVE COMPLICATIONS/ PREMEDICATION/ PREOPERATIVE CARE/ TOOTH EXTRACTION

1069. **Bunch WH, Komp DM:** Surgical correction of scoliosis in a child with hemostatic abnormalities secondary to cyanotic congenital heart disease.
Clin Orthop 89:139-42, 1972
ADOLESCENCE/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD PLATELETS/ CARBON DIOXIDE, blood/ CYANOSIS, complications/ FACTOR V/ FACTOR VIII/ FEMALE/ HEART CATHETERIZATION/ *HEART DEFECTS, CONGENITAL, complications/ HEMATOCRIT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ OXYGEN, blood/ PROTHROMBIN TIME/ PULMONARY ARTERY, surgery/ SCOLIOSIS, radiography/ *SCOLIOSIS, surgery/ SUBCLAVIAN ARTERY, surgery/ *TRICUSPID VALVE, abnormalities/ *TRICUSPID VALVE INSUFFICIENCY, congenital/ VENA CAVA, SUPERIOR, surgery/ VITAL CAPACITY

1070. **Bundy HF, Gustafson J:** Partifation and comparative biochemistry of a protease from the starfish Pisastes giganteus.
Comp Biochem Physiol [B] 44:241-51, 15 Jan 73
ANIMAL EXPERIMENTS/ CALCIUM/ DRUG STABILITY/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, STARCH GEL/ ENZYME ACTIVATION/ *ENZYME PRECURSORS, isolation & purification/ *GASTROINTESTINAL SYSTEM, enzymology/ GEL FILTRATION/ HEAT/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, isolation & purification/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *STARFISH, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ TIME FACTORS/ TRYPSIN

1071. **Buneaux F, Ducrocq MB, Galmiche P:** Recherches sur la chrysothérapie.
Rev Rhum Mal Osteoartic 40:429-38, Jun 73 (Fre)
AMINOTRANSFERASES, blood/ ANIMAL EXPERIMENTS/ *ARTHRITIS, RHEUMATOID, drug therapy/ ENGLISH ABSTRACT/ FIBRINOLYTIC AGENTS, analysis/ GOLD, blood/ *GOLD, therapeutic use/ GOLD, urine/ HUMAN/ RABBITS/ RADIOISOTOPE SCANNING/ SPECTROPHOTOMETRY, ATOMIC ABSORPTION/ SYNOVIAL FLUID, enzymology/ THROMBIN, analysis/ TRYPSIN, analysis/ TRYPSIN INHIBITORS

1072. **Bungert HJ:** Fibrinpolymerisationshemmung durch Ferritin. Blut 27:20-5, Jul 73 (Ger)
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FERRITIN, analysis/ FERRITIN, antagonists & inhibitors/ *FERRITIN, metabolism/ FIBRIN, biosynthesis/ *FIBRIN, metabolism/ FIBRIN, pharmacodynamics/ *GOODPASTURE'S SYNDROME, metabolism/ HORSES/ HUMAN/ IGA/ IGG/ IGM/ LIVER, metabolism/ LUNG, metabolism/ MACROMOLECULAR SYSTEMS/ SIDEROSIS, metabolism/ THROMBIN

1073. **Bungert HJ, Leonhardt H:** Plasmaviskosität, Immunoglobuline und Fibrinogen bei Leberzirrhose.
Dtsch Med Wochenschr 97:1976-9, 22 Dec 72 (Ger)
BLOOD/ BLOOD PROTEINS/ *BLOOD VISCOSITY/ COLLATERAL CIRCULATION/ ENGLISH ABSTRACT/ *FIBRINOGEN/ GLUTAMATE DEHYDROGENASE, blood/ HEPATITIS, blood/ HUMAN/ IGA/ IGG/ IGM/ *IMMUNOGLOBULINS/ *LIVER CIRRHOSIS, blood/ SERUM ALBUMIN

1074. **Buntain WL, Lynn HB, Cloutier MD, et al:** Management of the pediatric surgical patient.
Mayo Clin Proc 47:654-80, Sep 72 (61 ref.)
ADOLESCENCE/ BLOOD COAGULATION DISORDERS, complications/ CHILD/ CHILD, PRESCHOOL/ DIABETES MELLITUS, JUVENILE, complications/ DIAPHRAGMATIC HERNIA, surgery/ ESOPHAGEAL ATRESIA, surgery/ FEMALE/ HEMANGIOMA, surgery/ HUMAN/ INFANT/ INFANT, NEWBORN/ INFANT, PREMATURE, DISEASES, surgery/ INGUINAL HERNIA, surgery/ INTESTINAL OBSTRUCTION, surgery/ INTESTINAL PERFORATION, surgery/ MALE/ PEDIATRIC NURSING/ PILONIDAL CYST, surgery/ POSTOPERATIVE CARE/ PREMEDICATION/ PREOPERATIVE CARE/ PYLORIC STENOSIS, surgery/ REVIEW/ *SURGERY, OPERATIVE/ UMBILICAL HERNIA, surgery

1075. **Bunting JR, Athey TW, Cathou RE:** Backbone folding of immunoglobulin light and heavy chains: a comparison of predicted -bend positions.
Biochim Biophys Acta 285:60-71, 28 Nov 72
AMINO ACID SEQUENCE/ CATTLE/ CHYMOTRYPSIN/ CYTOCHROME C/ EGG WHITE/ HORSES/ *IMMUNOGLOBULIN FRAGMENTS/ MATHEMATICS/ MURAMIDASE/ PHOSPHATASES/ PROTEIN CONFORMATION/ RIBONUCLEASE/ SPECIES SPECIFICITY/ STAPHYLOCOCCUS/ SUBTILISINS

1076. **Bunting JW, Murphy J:** Parameter evaluation in second-degree rate equations for enzyme-catalyzed reactions. Can J Biochem 50:1369-75, Dec 72
*CARBOXYPEPTIDASES/ CARBOXYPEPTIDASES, antagonists & inhibitors/ CATALYSIS/ CHYMOTRYPSIN/ COMPUTERS, DIGITAL/ *ENZYMES/ ENZYMES, antagonists & inhibitors/ ENZYMES, metabolism/ ETHERS/ EVALUATION STUDIES/ HIPPURATES/ *KINETICS/ MATHEMATICS/ METHODS/ REGRESSION ANALYSIS/ STATISTICS/ VALERATES

1077. **Burchardt P, Klosterhalfen H:** Klinische Erfahrungen mit der Fibrinpyelotomie.
Urologie [A] 11:221-4, Jul 72 (Ger)
*FIBRIN, therapeutic use/ FIBRINOGEN, therapeutic use/ HUMAN/ KIDNEY CALCULI, pathology/ KIDNEY CALCULI, radiography/ KIDNEY CALCULI, radiography/ KIDNEY CALCULI, surgery/ *KIDNEY CALCULI,

therapy/ *KIDNEY PELVIS/ KIDNEY PELVIS, radiography/ PLASMA/ THROMBIN, therapeutic use

1078. **Burcharth F, Hansen OH, Wolf H, et al:** Prevention of pulmonary embolism in patients with fractures of the femoral neck. Acta Chir Scand [Suppl] 433:178-9, 1973
AGED/ *DEXTRAN, therapeutic use/ FEMALE/ *FEMORAL NECK FRACTURES, surgery/ HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HUMAN/ MALE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, mortality/ *PULMONARY EMBOLISM, prevention & control/ THROMBOPHLEBITIS, chemically induced/ WARFARIN, adverse effects/ *WARFARIN, therapeutic use

1079. **Bürger D, Badelt R:** Die lokale Behandlung von Weichteilödemen und Hämatomen nach Unfällen. Z Allgemeinmed 48:1304-5, 10 Oct 72 (Ger)
ACCIDENTS/ *ADRENAL CORTEX HORMONES, therapeutic use/ DRUG COMBINATIONS/ *EDEMA, drug therapy/ FEMALE/ GELS/ *HEMATOMA, drug therapy/ HUMAN/ MALE/ MUCOPOLYSACCHARIDES, therapeutic use/ SALICYLATES, therapeutic use/ WOUNDS AND INJURIES, drug therapy

1080. **Burger MM:** Surface changes in transformed cells detected by lectins.
Fed Proc 32:91-101, Jan 73 (69 ref.)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ AGGLUTINATION, drug effects/ AGGLUTINATION TESTS/ BINDING, COMPETITIVE/ BINDING SITES/ CELL MEMBRANE, drug effects/ *CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED/ CHICK EMBRYO/ CONCANAVALIN A, pharmacodynamics/ FIBROBLASTS/ GLYCOLIPIDS/ HAMSTERS/ KIDNEY/ MICE/ MITOSIS, drug effects/ MODELS, BIOLOGICAL/ PEPTIDE HYDROLASES, pharmacodynamics/ PINOCYTOSIS/ PLANT AGGLUTININS, analysis/ *PLANT AGGLUTININS, pharmacodynamics/ POLYOMA VIRUS/ RECEPTORS, DRUG/ REVIEW/ ROUS SARCOMA VIRUS

1081. **Burger MM, Bombik BM, Breckenridge BM, et al:** Growth control and cyclic alterations of cyclic AMP in the cell cycle. Nature [New Biol] 239:161-3, 11 Oct 72
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, analysis/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ BUTYRATES/ *CELL DIVISION/ CELL DIVISION, drug effects/ CELL LINE/ *CELL TRANSFORMATION, NEOPLASTIC/ MICE/ MITOSIS/ MODELS, BIOLOGICAL/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, pharmacodynamics

1082. **Burghard A, Böttger E, Hebestreit HP:** Verlaufsbeobachtung von Leberverletzungen im Szintigramm.
Fortschr Geb Roentgenstr Nuklearmed 118:584-8, May 73 (Ger)
ACCIDENTS, INDUSTRIAL/ ENGLISH ABSTRACT/ ENZYME TESTS/ EVALUATION STUDIES/ GOLD ISOTOPES, diagnostic use/ HEMATOMA, diagnosis/ HUMAN/ *LIVER, injuries/ LIVER DISEASES, diagnosis/ MALE/ MIDDLE AGE/ *RADIOISOTOPE SCANNING/ TIME FACTORS

1083. **Bürgi H:** Speutumbefunde bei chronischer Bronchitis. Dtsch Med Wochenschr 98:673-4, 20 Mar 73 (Ger)
*BRONCHITIS, diagnosis/ CHRONIC DISEASE/ CYTODIAGNOSIS/ DNA, analysis/ FIBRINOGEN, analysis/ HUMAN/ LACTATE DEHYDROGENASE, analysis/ LEUKOCYTE COUNT/ METHODS/ *SPUTUM, analysis/ SPUTUM, enzymology/ SPUTUM, microbiology/ TIME FACTORS

1084. **Burgus R, Ling N, Butcher M, et al:** Primary structure of somatostatin, a hypothalamic peptide that inhibits the secretion of pituitary growth hormone.
Proc Natl Acad Sci USA 70:684-8, Mar 73
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ CHYMOTRYPSIN/ *HYPOTHALAMUS/ MASS SPECTRUM ANALYSIS/ *PEPTIDES/ PEPTIDES, pharmacodynamics/ PITUITARY GLAND, drug effects/ PITUITARY GLAND, secretion/ PRECIPITATION/ SHEEP/ SOMATOTROPIN, antagonists & inhibitors/ *SOMATOTROPIN, secretion/ *TISSUE EXTRACTS/ TISSUE EXTRACTS, pharmacodynamics/ TRYPSIN

1085. **Burka ER, Holburn RR, Puffer T, et al:** Evaluation of assay of factor VIII by automated partial thromboplastin time.
Am J Clin Pathol 59:751-4, May 73
*BLOOD COAGULATION TESTS/ *FACTOR VIII, analysis/ FACTOR VIII, isolation & purification/ HUMAN/ METHODS/ PROTHROMBIN TIME/ *THROMBOPLASTIN, analysis

1086. **Burke C:** Working with parents of children with hemophilia. Nurs Clin North Am 7:787-98, Dec 72
ADAPTATION, PSYCHOLOGICAL/ CHILD/ *COUNSELING/ FAMILY/ *GROUP PROCESSES/ *HEMOPHILIA/ HUMAN/ INTERPERSONAL RELATIONS/ MALE/ OHIO/ *PARENTS/ PILOT PROJECTS/ PSYCHIATRIC NURSING

1087. **Burke M, Himmelfarb S, Harrington WF:** Studies on the "hinge" region of myosin.
Biochemistry 12:701-10, Feb 73
AMINO ACIDS, analysis/ CARBON ISOTOPES/ CIRCULAR DICHROISM/ DRUG STABILITY/ GEL FILTRATION/ HEAT/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ KINETICS/ MATHEMATICS/ MEROMYOSINS, analysis/ MOLECULAR CONFORMATION/ MOLECULAR WEIGHT/ *MYOSIN, analysis/ OPTICAL ROTATION/ OPTICAL ROTATORY DISPERSION/ PAPAIN/ PROTEIN DENATURATION/ PROTEINS, analysis/ TEMPERATURE/ TRYPSIN/ VISCOSITY

1088. **Burke V:** Gastrointestinal symptoms and cow's milk allergy. Aust Paediatr J 8:231-2, Oct 72
CHILD/ DIAGNOSIS, DIFFERENTIAL/ *FOOD HYPERSENSITIVITY, diagnosis/ *GASTROINTESTINAL DISEASES, diagnosis/ HUMAN/ INFANT/ LACTOSE INTOLERANCE, diagnosis/ METABOLISM, INBORN ERRORS, diagnosis/ *MILK/ PEPTIDE PEPTIDOHYDROLASES

1089. **Burkhead RJ, Shaffer AG Jr, Hamrin CE Jr:** Equilibrium studies in a Sepharose CVB ovomucoid-trypsin system.
Biotechnol Bioeng 15:811-5, Jul 73
ADSORPTION/ CHROMATOGRAPHY, AFFINITY/ EGG WHITE/ EQUILIBRIUM/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ *MUCOPROTEINS/ *POLYSACCHARIDES/ *TRYPSIN

1090. **Burkholder DE, Brecher AS:** Interaction between proteases and bovine erythrocyte membranes.
Biochim Biophys Acta 282:135-45, 1 Sep 72
ACETATES/ AMIDES/ ANIMAL EXPERIMENTS/ ARGININE/ BENZOATES/ BLOOD COAGULATION/ CASEIN/ CATTLE/ *CELL MEMBRANE, metabolism/ CELL MEMBRANE, physiology/ CENTRIFUGATION/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, antagonists & inhibitors/ CHYMOTRYPSINOGEN/ ENZYME ACTIVATION/ *ERYTHROCYTES, metabolism/ ERYTHROCYTES, physiology/ HYDROLYSIS/ NAPHTHALENES/ PROTEIN BINDING/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRITIUM/ *TRYPSIN/ TRYPSIN INHIBITORS/ TRYPSINOGEN

1091. **Burley RW:** Isolation and properties of a low molecular weight protein (apovitellenin I) from the high-lipid lipoprotein of emu egg yolk.
Biochemistry 12:1464-70, 27 Mar 73

AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ APOPROTEINS, isolation & purification/ *BIRDS, metabolism/ COMPARATIVE STUDY/ EGG PROTEINS, analysis/ *EGG PROTEINS, isolation & purification/ *EGG YOLK, analysis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FATTY ACIDS, analysis/ FEMALE/ GEL FILTRATION/ GUANIDINES/ HYDROGEN-ION CONCENTRATION/ LIPIDS, analysis/ LIPOPROTEINS, analysis/ *LIPOPROTEINS, isolation & purification/ MOLECULAR WEIGHT/ OPTICAL ROTATORY DISPERSION/ PHOSPHOLIPIDS, analysis/ TRIGLYCERIDES, analysis/ TRYPSIN/ ULTRACENTRIFUGATION/ UREA/ VISCOSITY

1092. **Burman D, Hodson AK, Wood CB, et al:** Acute anaphylaxis, pulmonary oedema, and intravascular haemolysis due to cryoprecipitate.
Arch Dis Child 48:483-5, Jun 73
ABO FACTORS/ ACUTE DISEASE/ *ANAPHYLAXIS, etiology/ BLOOD TRANSFUSION/ *BLOOD TRANSFUSION, adverse effects/ CHILD, PRESCHOOL/ *CRYOGLOBULINS, adverse effects/ *HEMOGLOBINURIA, etiology/ HEMOPHILIA, therapy/ HUMAN/ ISOANTIBODIES/ MALE/ *PULMONARY EDEMA, etiology

1093. **Burmeister H, Ohlmeier H, Baethke R:** Nebenwirkungen und Komplikationsmöglichkeiten der Furosemidtherapie in hoher Dosierung.
Med Klin 67:1401-6, 27 Oct 72 (Ger)
ADULT/ AGED/ ALKALOSIS, chemically induced/ BLOOD COAGULATION DISORDERS, chemically induced/ BLOOD SUGAR, analysis/ DEHYDRATION, chemically induced/ DERMATITIS MEDICAMENTOSA, etiology/ EAR DISEASES, chemically induced/ ENGLISH ABSTRACT/ FEMALE/ *FUROSEMIDE, adverse effects/ FUROSEMIDE, therapeutic use/ GASTROINTESTINAL DISEASES, chemically induced/ HEARING DISORDERS, chemically induced/ HUMAN/ HYPOKALEMIA, chemically induced/ HYPONATREMIA, chemically induced/ JAUNDICE, chemically induced/ MALE/ METABOLIC DISEASES, chemically induced/ MIDDLE AGE/ PANCREATITIS, chemically induced/ URIC ACID, blood

1094. **Burn RA:** Intraocular pressure during haemodialysis.
Br J Ophthalmol 57:511-3, Jul 73
ADHESIONS/ AUTOPSY/ EYE, pathology/ FEMALE/ *HEMODIALYSIS, adverse effects/ HUMAN/ *INTRAOCULAR PRESSURE/ MIDDLE AGE/ TONOMETRY

1095. **Burrows L, Haimov M, Aledort L, et al:** The platelet in the obliterate vascular rejection phenomenon.
Transplant Proc 5:157-60, Mar 73
ADOLESCENCE/ ADULT/ ANIMAL EXPERIMENTS/ AZATHIOPRINE, pharmacodynamics/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS, immunology/ BLOOD UREA NITROGEN/ CREATINE, blood/ CYPROHEPTADINE, pharmacodynamics/ FEMALE/ *GRAFT REJECTION/ HUMAN/ KIDNEY, radiation effects/ *KIDNEY, transplantation/ MALE/ PLATELET ADHESIVENESS/ PREDNISONE, pharmacodynamics/ RATS/ SEROTONIN, metabolism/ SODIUM, urine/ TRANSPLANTATION, HOMOLOGOUS/ VASCULAR RESISTANCE, drug effects

1096. **Burrows S, Gaines JL, Hughes FJ:** Giant chorioangioma.
Am J Obstet Gynecol 115:579-80, 15 Feb 73
ANOXEMIA, etiology/ FEMALE/ *FETAL DEATH, etiology/ FETAL DISEASES, etiology/ *HEMANGIOMA, complications/ HEMANGIOMA, pathology/ HUMAN/ HYDRAMNIOS, etiology/ *PLACENTA DISORDERS, complications/ PLACENTA DISORDERS, pathology/ PREGNANCY

1097. **Burstein M:** Antisérum de lapin immunisé contre les lipoprotéines humaines de faible densité (1,006-1,063.
Nouv Rev Fr Hematol 12:251-7, Mar-Apr 72 (Fre)
ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ ANTIBODY SPECIFICITY/ ENGLISH ABSTRACT/ GEL DIFFUSION TESTS/ HEMADSORPTION/ HEPARIN/ HUMAN/ *IMMUNE SERUMS/ IMMUNIZATION/ IMMUNOELECTROPHORESIS/ IMMUNOLOGIC TECHNICS/ INJECTIONS, INTRAVENOUS/ *LIPOPROTEINS/ LIPOPROTEINS, LDL/ LIPOPROTEINS, VLDL/ MANGANESE/ METHODS/ PRECIPITATION/ RABBITS, immunology/ ULTRACENTRIFUGATION

1098. **Busch C, Rammer L, Saldeen T:** Quantitation of fibrin deposition and elimination in organs of rats injected with labelled fibrinogen and albumin.
Thromb Diath Haemorrh 29:94-107, 28 Feb 73
ANIMAL EXPERIMENTS/ CATTLE/ FEMALE/ FIBRIN, analysis/ *FIBRIN, metabolism/ *FIBRINOGEN, administration & dosage/ HUMAN/ INJECTIONS, INTRAVENOUS/ KIDNEY, metabolism/ LIVER, metabolism/ LUNG, metabolism/ RATS/ *SERUM ALBUMIN, RADIO-IODINATED, administration & dosage/ TIME FACTORS

1099. **Busch C, Rammer L:** Quantitation of fibrin deposition and elimination in organs of rats injected with labelled fibrinogen by isolation of the labelled fibrin from water soluble tracer.
Thromb Diath Haemorrh 29:108-14, 28 Feb 73
ANIMAL EXPERIMENTS/ DISSEMINATED INTRAVASCULAR COAGULATION/ FEMALE/ *FIBRIN, metabolism/ *FIBRINOGEN, administration & dosage/ IODINE ISOTOPES/ KIDNEY, metabolism/ LIVER, metabolism/ LUNG, metabolism/ METHODS/ RATS/ *SERUM ALBUMIN, RADIO-IODINATED, administration & dosage

1100. **Busch C, Saldeen T:** Amount of fibrin in different organs after intravenous, intraportal and intraaortal injection of thrombin in the rat.
Thromb Diath Haemorrh 29:87-93, 28 Feb 73
ANIMAL EXPERIMENTS/ AORTA/ BRAIN CHEMISTRY/ FEMALE/ *FIBRIN, analysis/ INJECTIONS, INTRA-ARTERIAL/ INJECTIONS, INTRAVENOUS/ INTESTINE, SMALL, analysis/ KIDNEY, analysis/ LIVER, analysis/ LUNG, analysis/ METHODS/ MUSCLES, analysis/ MYOCARDIUM, analysis/ PITUITARY GLAND, analysis/ PORTAL VEIN/ RATS/ SERUM ALBUMIN, RADIO-IODINATED/ SPLEEN, analysis/ *THROMBIN, administration & dosage

1101. **Büsch F:** Uber die Veränderung der Transaminaseaktivität bei Antikoagulantiendauerbehandlung nach Myokardinfarkt.
Dtsch Gesundheitsw 27:2128-31, 9 Nov 72 (Ger)
ADULT/ *ALANINE AMINOTRANSFERASE, blood/ *ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, therapeutic use/ *ASPARTATE AMINOTRANSFERASE, blood/ ENGLISH ABSTRACT/ HUMAN/ *LIVER, enzymology/ *LIVER DISEASES, chemically induced/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, drug therapy/ TIME FACTORS

1102. **Buşilă VT, Dragomirescu M, Marţincu V:** Studiul activităţii proteolitice în febra.
Microbiol Parazitol Epidemiol (Bucur) 17:411-5, Sep-Oct 72 (Rum)
ADRENAL CORTEX HORMONES, therapeutic use/ AMINOTRANSFERASES, blood/ ENGLISH ABSTRACT/ HUMAN/ LIVER, pathology/ LIVER FUNCTION TESTS/ *PEPTIDE HYDROLASES, blood/ Q FEVER, drug therapy/ *Q FEVER, enzymology/ Q FEVER, pathology

1103. **Bustin M:** Conservative amino-acid replacement in the tyrosine region of the lysine-rich histones.
Eur J Biochem 29:263-7, 18 Sep 72
AMINO ACID SEQUENCE/ CARBOXYPEPTIDASES/ CATTLE/ CHYMOTRYPSIN/ DANSYL COMPOUNDS/

ELECTROPHORESIS, PAPER/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *HISTONES, analysis/ HISTONES, isolation & purification/ LIVER, analysis/ LYSINE, analysis/ PEPTIDES/ *PEPTIDES, analysis/ RATS/ THYMUS GLAND, analysis/ TRYPSIN/ TYROSINE, analysis

1104. **Bustin M, Eshhar Z, Sela M:** Characterization and partial purification of antigenic components solubilized by a reversible chemical modification from rat-thymocyte membrane.
Eur J Biochem 31:541-53, 18 Dec 72
AMINO ACIDS, analysis/ *ANTIGENIC DETERMINANTS, analysis/ ANTIGENIC DETERMINANTS, isolation & purification/ CARBOHYDRATES, analysis/ *CELL MEMBRANE, immunology/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ DNA, analysis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HYDROGEN-ION CONCENTRATION/ MALEATES/ MERCAPTOETHANOL/ MOLECULAR CONFORMATION/ MOLECULAR WEIGHT/ PAPAIN/ PERIODIC ACIDS/ PHOSPHOLIPIDS, analysis/ PROTEINS, analysis/ RABBITS, immunology/ RATS/ RNA, analysis/ SODIUM DODECYL SULFATE/ SOLUBILITY/ *THYMUS GLAND, immunology/ TRYPSIN

1105. **Bustin M, Stollar BD:** Antigenic determinants in lysine-rich histones. Biochemistry 12:1124-9, 13 Mar 73
ANIMAL EXPERIMENTS/ *ANTIGENIC DETERMINANTS/ CATTLE/ COMPLEMENT, antagonists & inhibitors/ COMPLEMENT FIXATION TESTS/ *HISTONES/ HISTONES, analysis/ HISTONES, pharmacodynamics/ *LYSINE/ LYSINE, analysis/ METHANE/ NITRATES/ NITRO COMPOUNDS/ NITROBENZENES/ PEPTIDES, analysis/ PEPTIDES, pharmacodynamics/ PROTEIN CONFORMATION/ RABBITS, immunology/ RNA/ STRUCTURE-ACTIVITY RELATIONSHIP/ SUCCINIMIDES/ THYMUS GLAND, analysis/ *THYMUS GLAND, immunology/ TRYPSIN/ TYROSINE

1106. **Butkus A, Ehrhart LA, Balachandran R, et al:** Hepatic lipids of dogs fed on arteriosclerosis-inducing diet.
Exp Mol Pathol 18:331-44, Jun 73
ANIMAL EXPERIMENTS/ ARTERIES/ CEPHALINS, analysis/ CHOLESTEROL, analysis/ CHOLESTEROL, DIETARY/ CHROMATOGRAPHY, GAS/ *DIET, ATHEROGENIC/ DOGS/ ESTERS, analysis/ FATTY ACIDS, NONESTERIFIED, analysis/ FATTY ACIDS, UNSATURATED, analysis/ HYPERLIPEMIA, etiology/ LECITHINS, analysis/ *LIPIDS, analysis/ *LIVER, analysis/ LIVER, pathology/ MICROSCOPY, ELECTRON/ MICROSOMES, LIVER, analysis/ MITOCHONDRIA, LIVER, analysis/ PHOSPHOLIPIDS, analysis/ TIME FACTORS/ TRIGLYCERIDES, analysis

1107. **Butler KW, Hanson AW, Smith IC, et al:** The effects of protein on lipid organization in a model membrane system: a spin probe and x-ray study.
Can J Biochem 51:980-9, Jul 73
ANIMAL EXPERIMENTS/ BRAIN CHEMISTRY/ CATALASE/ CATTLE/ CHOLESTANES/ CHYMOTRYPSINOGEN/ EGG PROTEINS/ ELECTRON SPIN RESONANCE/ ESCHERICHIA COLI/ HEMOGLOBIN/ HYDROGEN-ION CONCENTRATION/ INSULIN/ *LIPIDS/ *MEMBRANES, ARTIFICIAL/ MUCOPROTEINS/ MURAMIDASE/ OLIGOPEPTIDES/ OSMOLAR CONCENTRATION/ OXYHEMOGLOBIN/ *PROTEINS/ RIBONUCLEASE/ STRUCTURE-ACTIVITY RELATIONSHIP/ SURFACE PROPERTIES/ TRYPSIN/ X-RAY DIFFRACTION

1108. **Butler T, Tong MJ, Fletcher JR, et al:** Blood coagulation studies in Plasmodium falciparum malaria.
Am J Med Sci 265:63-7, Jan 73
ADULT/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FIBRINOGEN, metabolism/ HUMAN/ *MALARIA, blood/ MALARIA, complications/ MALE/ PLASMODIUM FALCIPARUM/ PROTHROMBIN TIME/ THROMBOPLASTIN

1109. **Butler WT:** The structure of I-CB3, a cyanogen bromide fragment from the central portion of the I chain of rat collagen. The tryptic peptides from skin and dentin collagens.
Biochem Biophys Res Commun 48:1540-8, 26 Sep 72
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, ION EXCHANGE/ *COLLAGEN/ *CYANOGEN BROMIDE/ *DENTIN, analysis/ HYDROLYSIS/ HYDROXYLATION/ HYDROXYLYSINE, analysis/ HYDROXYPROLINE, analysis/ LYSINE/ *PEPTIDES/ PEPTIDES, isolation & purification/ PROTEIN CONFORMATION/ RATS/ *SKIN, analysis/ *TRYPSIN

1110. **Butlin JD, Cox GB, Gibson F:** Oxidative phosphorylation in Escherichia coli K-12: the genetic and biochemical characterisations of a strain carrying a mutation in the uncB gene.
Biochim Biophys Acta 292:366-75, 22 Feb 73
ADENOSINE TRIPHOSPHATASE, analysis/ AEROBIOSIS/ ANAEROBIOSIS/ CELL MEMBRANE, enzymology/ CHROMOSOME MAPPING/ CYTOCHROMES, analysis/ ELECTRON TRANSPORT/ ESCHERICHIA COLI, analysis/ ESCHERICHIA COLI, cytology/ ESCHERICHIA COLI, drug effects/ ESCHERICHIA COLI, enzymology/ ESCHERICHIA COLI, growth & development/ *ESCHERICHIA COLI, metabolism/ FLAVINS, analysis/ GENES, STRUCTURAL/ GENETICS, MICROBIAL/ GLUCOSE, pharmacodynamics/ LACTATES, metabolism/ MODELS, CHEMICAL/ MUTATION/ NADH, NADPH OXIDOREDUCTASES, analysis/ *OXIDATIVE PHOSPHORYLATION/ TRANSDUCTION, GENETIC/ UBIQUINONE, analysis/ VITAMIN K, analysis

1111. **Buttery SH:** The chemical nature of Mycoplasma mycoides var. Mycoides complement fixing antigens.
Aust J Exp Biol Med Sci 50:567-76, Oct 72
ALCOHOL, METHYL/ ANTIGENIC DETERMINANTS/ *ANTIGENS, BACTERIAL, analysis/ CHLOROFORM/ CHOLESTEROL/ COMPLEMENT FIXATION TESTS/ DISACCHARIDES/ GEL DIFFUSION TESTS/ GLYCOSIDES/ HAPTENS/ HEXOSES/ HYDROLASES/ IMMUNOELECTROPHORESIS/ LECITHINS/ *MYCOPLASMA, immunology/ MYCOPLASMA MYCOIDES, immunology/ PEPTIDE HYDROLASES/ PERIODIC ACIDS/ POTASSIUM CHLORIDE/ WATER

1112. **Button LN, Garcia FG, Kevy SV:** The rhesus monkey as a model for evaluation of the preservation of stored whole blood. Transfusion 13:119-23, May-Jun 73
ADENOSINE TRIPHOSPHATE, blood/ ANIMAL EXPERIMENTS/ *BLOOD PRESERVATION/ BLOOD VOLUME/ CELL SURVIVAL/ CHROMIUM ISOTOPES/ CITRATES/ DEXTRANASE/ ERYTHROCYTES/ EVALUATION STUDIES/ HEMATOCRIT/ HEMOGLOBIN/ HYDROGEN-ION CONCENTRATION/ MACACA/ MATHEMATICS/ METHODS/ MODELS, BIOLOGICAL/ MONKEYS/ PHOSPHATES, blood/ PLASMA VOLUME/ PLASTICS/ POTASSIUM, blood/ SERUM ALBUMIN, RADIO-IODINATED/ TIME FACTORS

1113. **Buxbaum J:** Hyperviscosity syndrome in dysproteinemias.
Am J Med Sci 264:123-6, Aug 72 (21 ref.)
ANTIGEN-ANTIBODY COMPLEX/ ARTHRITIS, RHEUMATOID, complications/ BLOOD PROTEIN DISORDERS, blood/ *BLOOD PROTEIN DISORDERS, complications/ *BLOOD VISCOSITY/ EXTRACELLULAR SPACE/ HEMATOCRIT/ HEMORRHAGE/ HUMAN/ IGA, analysis/ IGG, analysis/ IGM/ MACROGLOBULINEMIA, complications/ MULTIPLE MYELOMA, complications/

MYELOMA PROTEINS, analysis/ PLASMAPHERESIS/ RETINAL DISEASES/ REVIEW/ RHEUMATOID FACTOR/ SYNDROME

1114. **Byfield PG, Zuber H:** Chromophore-containing peptide sequences in C-phycocyanin from Mastigocladus laminosus. FEBS Lett 28:36-40, 15 Nov 72
*ALGAE, BLUE-GREEN/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *BILE PIGMENTS/ BILE PIGMENTS, analysis/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ DANSYL COMPOUNDS/ ELECTROPHORESIS, PAPER/ PEPSIN/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ *PLANT PROTEINS/ PLANT PROTEINS, analysis/ TRYPSIN

1115. **Byshevskii ASh, Babich VP, Danil'chenko EV:** K mekhanizmu povyshenila svertyvaemosti krovi v rannye sroki posle zvukovogo vozdeistvila.
Patol Fiziol Eksp Ter 16:73-4, Nov-Dec 72 (Rus)
*ACOUSTIC STIMULATION, adverse effects/ ANIMAL EXPERIMENTS/ ANTITHROMBIN, blood/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ RATS/ THROMBOPLASTIN, analysis/ TIME FACTORS

1116. **Byshevskii ASh, Koigushskaia GP:** Soderzhanie fibrinogena v plazme krovi i obmen fibrinogena-I-131 u krys pri vvedenii gidrokortizona.
Vopr Med Khim 19:152-6, Mar-Apr 73 (Rus)
ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ BLOOD PROTEINS, analysis/ DESOXYCORTICOSTERONE, pharmacodynamics/ ENGLISH ABSTRACT/ *FIBRINOGEN, analysis/ FIBRINOGEN, metabolism/ FIBRINOLYSIN, analysis/ FIBRINOLYSIS, drug effects/ HALF-LIFE/ *HYDROCORTISONE, pharmacodynamics/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ IODINE ISOTOPES/ RATS

C

1117. **Cabau N, Levy FM, Orssaud E:** Influence des conditions de prélèvement sur le résultat des titrages d'immunoglobulines et d'antitoxine diphtérique dans le sang.
Rev Immunol (Paris) 35:225-33, Oct-Dec 71 (Fre)
*BLOOD SPECIMEN COLLECTION/ *DIPHTHERIA ANTITOXIN, blood/ ENGLISH ABSTRACT/ HEMAGGLUTINATION TESTS/ HEPARIN/ HUMAN/ IGA, analysis/ IGG, analysis/ IGM, analysis/ *IMMUNOGLOBULINS, analysis/ METHODS/ NEUTRALIZATION TESTS

1118. **Cabib E, Ulane R, Bowers B:** Yeast chitin synthetase. Separation of the zymogen from its activating factor and recovery of the latter in the vacuole fraction.
J Biol Chem 248:1451-8, 25 Feb 73
AZO COMPOUNDS/ CELL FRACTIONATION/ CENTRIFUGATION, DENSITY GRADIENT/ CHITIN/ CYTOPLASM/ CYTOPLASM, analysis/ *CYTOPLASM, enzymology/ ENZYME ACTIVATION/ ENZYME PRECURSORS, isolation & purification/ GLUCOSAMINE/ *GLUCOSYLTRANSFERASES, isolation & purification/ HEMOGLOBIN/ MEMBRANES, analysis/ MEMBRANES, enzymology/ MICROSCOPY, ELECTRON/ MICROSCOPY, PHASE CONTRAST/ MITOCHONDRIA/ OSMOLAR CONCENTRATION/ OSMOSIS/ PEPTIDE HYDROLASES, isolation & purification/ PROTOPLASTS, enzymology/ PROTOPLASTS, metabolism/ RIBONUCLEASE, isolation & purification/ SACCHAROMYCES CEREVISIAE, analysis/ SACCHAROMYCES CEREVISIAE, cytology/ *SACCHAROMYCES CEREVISIAE, enzymology

1119. **Cabib E, Ulane R:** Chitin synthetase activating factor from yeast, a protease.
Biochem Biophys Res Commun 50:186-91, 4 Jan 73
CHITIN/ COLLAGEN/ ENZYME ACTIVATION, drug effects/ GLUCOSAMINE/ *GLUCOSYLTRANSFERASES/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, pharmacodynamics/ PROTEIN DENATURATION, drug effects/ PROTEINS/ *SACCHAROMYCES CEREVISIAE, enzymology/ TIME FACTORS/ TRYPSIN, pharmacodynamics

1120. **Cabré J:** Indicaciones dermatológicas del concentrado vitamínico liposoluble Pr. 112.
Actas Dermosifiliogr 62:411-8, Sep-Oct 71 (Spa)
ADMINISTRATION, ORAL/ ADULT/ *CAROTENE, therapeutic use/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ HUMAN/ KERATOSIS, drug therapy/ MALE/ OINTMENTS/ *PHYTOSTEROLS, therapeutic use/ *SKIN DISEASES, drug therapy/ *VITAMIN E, therapeutic use/ *VITAMIN K, therapeutic use/ *XANTHOPHYLL, therapeutic use/ XERODERMA PIGMENTOSUM, drug therapy

1121. **Cacciola E, Lombardo T, Giustolisi R, et al:** Sindrome emorragica da difettosa piastrinoaggregazione in leucemia linfatica cronica varietá splenomegalica.
Haematologica (Pavia) 58:190-5, 1973 (Ita)
AGED/ *BLOOD PLATELET DISORDERS, complications/ BLOOD PLATELET DISORDERS, etiology/ CASE REPORT/ ENGLISH ABSTRACT/ FACTOR VIII/ FEMALE/ *HEMORRHAGE, etiology/ HUMAN/ *LEUKEMIA, LYMPHOCYTIC, complications/ *SPLENOMEGALY, complications/ SYNDROME

1122. **Cacciola E, Lombardo T, Siciliano R, et al:** Le piastrinopenie idiopatiche recidivanti. Contributo clinicoematologico.
Haematologica (Pavia) 58:203-9, 1973 (Ita)
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AGED/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGE, ORAL, etiology/ HUMAN/ MALE/ *PURPURA, THROMBOPENIC, diagnosis/ PURPURA, THROMBOPENIC, drug therapy/ RECURRENCE/ THROMBOPENIA, complications/ *THROMBOPENIA, diagnosis

1123. **Cacciola E, Russo R, Siciliano R, et al:** La splenocontrazione adrenalinica quale possibile proba diagnostica presplenectomia in soggetti con sindrome emorragica piastrinopenica.
Haematologica (Pavia) 58:196-202, 1973 (Ita)
ADOLESCENCE/ ADULT/ CHILD/ ENGLISH ABSTRACT/ *EPINEPHRINE, diagnostic use/ FEMALE/ HEMORRHAGE, etiology/ HUMAN/ MALE/ PREOPERATIVE CARE/ PURPURA, THROMBOPENIC, etiology/ *PURPURA, THROMBOPENIC, surgery/ *SPLEEN, drug effects/ *SPLENECTOMY/ THROMBOPENIA, complications

1124. **Cacioppo PL, Mason JH:** Ascending cholangitis: an urgent surgical problem. Geriatrics 28:156-9, Mar 73
AGED/ ALKALINE PHOSPHATASE, blood/ ANTIBIOTICS, therapeutic use/ ASPARTATE AMINOTRANSFERASE, blood/ BLOOD TRANSFUSION/ CHOLANGITIS, complications/ CHOLANGITIS, diagnosis/ CHOLANGITIS, etiology/ CHOLANGITIS, mortality/ *CHOLANGITIS, surgery/ CHOLANGITIS, therapy/ CHOLECYSTECTOMY/ CHOLELITHIASIS, complications/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HEPATITIS, diagnosis/ HUMAN/ MALE/ PHYTONADIONE, therapeutic use/ PROTHROMBIN TIME/ SEPTICEMIA, etiology

1125. **Cade JR, DeQuesada AM, Shires DL, et al:** The effect of long term high dose heparin treatment on the course of chronic proliferative glomerulonephritis.
Nephron 8:67-80, 1971
ADOLESCENCE/ ADULT/ BIOPSY/ CHRONIC DISEASE/ CREATININE, diagnostic use/ DELAYED-ACTION PREPARATIONS/ FEMALE/ *GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, pathology/ GLOMERULONEPHRITIS, physiopathology/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ KIDNEY FAILURE, CHRONIC, physiopathology/

KIDNEY FUNCTION TESTS/ MALE/ MIDDLE AGE

1126. **Cade R, Spooner G, Schlein E, et al:** Comparison of azathioprine, prednisone, and heparin alone or combined in treating lupus nephritis. Nephron 10:37-56, 1973
ADOLESCENCE/ ADULT/ AZATHIOPRINE, administration & dosage/ *AZATHIOPRINE, therapeutic use/ CHILD/ COMPARATIVE STUDY/ CUSHING'S SYNDROME, chemically induced/ DIABETES MELLITUS, chemically induced/ DRUG COMBINATIONS/ FEMALE/ *GLOMERULONEPHRITIS, drug therapy/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, chemically induced/ LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ MALE/ MIDDLE AGE/ PREDNISONE, administration & dosage/ PREDNISONE, adverse effects/ *PREDNISONE, therapeutic use/ PSYCHOSES, TOXIC, etiology

1127. **Cadwallader JA, Goulden BE, Wyburn RS, et al:** Renal haemangioma in a dog. NZ Vet J 21:48-51, Mar 73
ANIMAL EXPERIMENTS/ *DOG DISEASES/ DOGS/ *HEMANGIOMA, veterinary/ *KIDNEY NEOPLASMS, veterinary/ MALE

1128. **Cady J, Clot JP, Cheynier JM, et al:** Les ruptures spontanées du foie au cours de la grossesse. Ann Chir 26:823-6, Sep 72 (Fre)
ADULT/ ENGLISH ABSTRACT/ FEMALE/ HEMATOMA, etiology/ HEMOSTASIS/ HEPATECTOMY/ HUMAN/ *LABOR COMPLICATIONS/ *LIVER DISEASES/ PREGNANCY/ *PREGNANCY TOXEMIAS, complications/ RUPTURE, SPONTANEOUS

1129. **Caen JP, Jenkins CS, Michel H, et al:** Adenosine inhibition of human platelet aggregation by ADP. Nature [New Biol] 239:211-3, 18 Oct 72
*ADENOSINE, pharmacodynamics/ *ADENOSINE DIPHOSPHATE, antagonists & inhibitors/ *BLOOD PLATELETS, drug effects/ BUFFERS/ *CELL AGGREGATION, drug effects/ DRUG SYNERGISM/ HUMAN/ HYPOXANTHINES, pharmacodynamics/ INOSINE, pharmacodynamics/ TIME FACTORS

1130. **Caen JP, Legrand Y:** Abnormalities in the platelet-collagen reaction. Ann NY Acad Sci 201:194-204, 27 Oct 72
AMINO ACIDS, analysis/ BLOOD COAGULATION/ BLOOD PLATELET DISORDERS, familial & genetic/ CARBON ISOTOPES/ *COLLAGEN/ COLLAGEN, analysis/ FEMALE/ GLUCOSE, metabolism/ HUMAN/ LEUKEMIA, etiology/ MALE/ NEURAMINIC ACIDS, blood/ PANCREATOPEPTIDASE, blood/ PEDIGREE/ *PLATELET ADHESIVENESS/ POLYMERS/ PRECANCEROUS CONDITIONS/ SCURVY, blood

1131. **Caen JP, Levy-Toledano S:** Interaction between platelets and von Willebrand factor provides a new scheme for primary haemostasis. Nature [New Biol] 244:159-60, 1 Aug 73
*BLOOD COAGULATION/ BLOOD PLATELET DISORDERS, blood/ BLOOD PLATELET DISORDERS, familial & genetic/ *BLOOD PLATELETS/ FACTOR VIII, physiology/ HEMORRHAGE, blood/ HUMAN/ PLATELET ADHESIVENESS, drug effects/ PURPURA, THROMBOPENIC, blood/ PURPURA, THROMBOPENIC, familial & genetic/ RISTOCETIN, pharmacodynamics/ *VON WILLEBRAND'S DISEASE, blood

1132. **Caen JP, Michel H:** Platelet shape change and aggregation. Nature (Lond) 240:148-9, 17 Nov 72
ADENOSINE DIPHOSPHATE, pharmacodynamics/ BLOOD PLATELET DISORDERS, pathology/ BLOOD PLATELETS, cytology/ *BLOOD PLATELETS, drug effects/ COLLAGEN, pharmacodynamics/ EDTA, pharmacodynamics/ FIBRINOGEN, pharmacodynamics/ HUMAN/ OPTICS/ *PLATELET ADHESIVENESS, drug effects

1133. **Caeymaex MM:** La narcodontologie chez l'enfant handicape. Rev Belge Med Dent 28:65-70, Jan 73 (Fre)
*ANESTHESIA, DENTAL/ BLINDNESS/ CENTRAL NERVOUS SYSTEM DISEASES/ CHILD/ DEAF-MUTISM/ *HANDICAPPED/ HEMOPHILIA/ HUMAN/ MENTAL RETARDATION/ *PEDODONTICS

1134. **Cain DF, Ball ED, Dekaban AS:** Brain proteins: qualitative and quantitative changes, synthesis and degradation during fetal development of the rabbit. J Neurochem 19:2031-42, Sep 72
ANIMAL EXPERIMENTS/ *BRAIN, embryology/ BRAIN, enzymology/ BRAIN, metabolism/ *BRAIN CHEMISTRY/ DNA, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *NERVE TISSUE PROTEINS, biosynthesis/ PEPTIDE HYDROLASES, metabolism/ RABBITS

1135. **Caissel J:** L'hémostase dans la chirurgie prostatique. Réflexions sur 2,000 cas personnels. J Urol Nephrol (Paris) 78:494-6, Jun 72 (Fre)
AGED/ DRAINAGE/ *HEMORRHAGE, prevention & control/ *HEMOSTASIS/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PROSTATECTOMY/ *PROSTATIC HYPERTROPHY, surgery

1136. **Caissel J:** Les anti-coagulants en chirurgie prostatique. J Urol Nephrol (Paris) 79:67-70, Jan-Feb 73 (Fre)
*ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *PROSTATECTOMY/ THROMBELASTOGRAPHY/ *THROMBOSIS, prevention & control

1137. **Caldwell MD, Jonsson HT, Othersen HB Jr:** Essential fatty acid deficiency in an infant receiving prolonged parenteral alimentation. J Pediatr 81:894-8, Nov 72
CHROMATOGRAPHY, GAS/ DEFICIENCY DISEASES, drug therapy/ *DEFICIENCY DISEASES, etiology/ EMULSIONS/ FATTY ACIDS, blood/ *FATTY ACIDS, ESSENTIAL, metabolism/ FEMALE/ GROWTH DISORDERS, etiology/ HUMAN/ INFANT/ INFANT, NEWBORN/ LINOLEIC ACID, administration & dosage/ LINOLEIC ACID, therapeutic use/ *PARENTERAL FEEDING, adverse effects/ PHOSPHORUS, administration & dosage/ PHOSPHORUS, blood/ PHOSPHORUS, therapeutic use/ RICKETS, drug therapy/ RICKETS, etiology/ RICKETS, radiography/ SKIN MANIFESTATIONS/ SOY BEANS/ THROMBOPENIA, etiology

1138. **Calick A, Vance ZB, Berger SA:** Spontaneous aortic rupture through atheromatous plaque. NY State J Med 73:2068-70, 15 Aug 73
AORTA, pathology/ *AORTIC RUPTURE/ AORTIC RUPTURE, pathology/ AORTIC RUPTURE, radiography/ *ARTERIOSCLEROSIS, complications/ HEMATOMA, pathology/ HUMAN/ MALE/ MIDDLE AGE

1139. **Call FL 2d, Rubert M:** Diglyceride kinase in human platelets. J Lipid Res 14:466-74, Jul 73
ADENOSINE TRIPHOSPHATE/ BLOOD PLATELETS, cytology/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, enzymology/ BUFFERS/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ DEOXYCHOLIC ACID, pharmacodynamics/ ERYTHROCYTES, enzymology/ GLYCERIDES/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LYMPHOCYTES, enzymology/ MAGNESIUM/ OSMOLAR CONCENTRATION/ PHOSPHOLIPIDS, biosynthesis/ PHOSPHORUS ISOTOPES/ *PHOSPHOTRANSFERASES, blood/ SULFHYDRYL REAGENTS, pharmacodynamics/ SURFACE-ACTIVE AGENTS, pharmacodynamics/ TIME FACTORS

1140. **Calman KC, Bell PR:** Experimental organ preservation.
Br J Surg 59:758-64, Oct 72
ANIMAL EXPERIMENTS/ CHLORPROMAZINE/ COLD/ CULTURE MEDIA/ DEXTRAN/ GLUCOSE/ HEART, anatomy & histology/ HEART, transplantation/ HEPARIN/ HYDROGEN-ION CONCENTRATION/ INSULIN/ MAGNESIUM/ METHODS/ MODELS, BIOLOGICAL/ ORGAN WEIGHT/ PHENOXYBENZAMINE/ RATS/ TIME FACTORS/ *TISSUE PRESERVATION/ TRANSPLANTATION, HOMOLOGOUS

1141. **Calverley RK, Jenkins LC, Griffiths J:** A clinical study of serum magnesium concentrations during anaesthesia and cardiopulmonary bypass.
Can Anaesth Soc J 20:499-518, Jul 73
*ANESTHESIA, GENERAL/ ANESTHESIA, INHALATION/ ANESTHESIA, INTRAVENOUS/ *ANESTHESIA, SPINAL/ ANESTHETICS/ CURARE-LIKE AGENTS, antagonists & inhibitors/ DEXAMETHASONE, pharmacodynamics/ *EXTRACORPOREAL CIRCULATION/ HEPARIN/ HOMEOSTASIS, drug effects/ HUMAN/ LIDOCAINE, pharmacodynamics/ *MAGNESIUM, blood/ MAGNESIUM, urine/ MANNITOL, pharmacodynamics/ NEUROMUSCULAR DEPOLARIZING AGENTS, antagonists & inhibitors/ NEUROMUSCULAR DEPOLARIZING AGENTS, pharmacodynamics/ OXYTOCIN, pharmacodynamics/ PREMEDICATION/ TIME FACTORS

1142. **Calvert GD:** Trimethylaminuria and inherited Noonan's syndrome. Lancet 1:320-1, 10 Feb 73
ABNORMALITIES, MULTIPLE/ ADULT/ *AMINES, urine/ BLOOD COAGULATION DISORDERS, familial & genetic/ *CRYPTORCHISM, familial & genetic/ *DWARFISM, familial & genetic/ HUMAN/ MALE/ METHYLATION/ PEDIGREE/ *TURNER'S SYNDROME, familial & genetic

1143. **Camargo AC, Shapanka R, Greene LJ:** Preparation, assay, and partial characterization of a neutral endopeptidase from rabbit brain.
Biochemistry 12:1838-44, 24 Apr 73
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BRADYKININ/ BRADYKININ, analysis/ BRADYKININ, antagonists & inhibitors/ *BRAIN, enzymology/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DIPEPTIDES/ GEL FILTRATION/ HEMOGLOBIN/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ KINETICS/ KININASE I/ KININASE I, antagonists & inhibitors/ KININASE I, isolation & purification/ OLIGOPEPTIDES/ *PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ PEPTIDES, analysis/ PROTEIN DENATURATION/ RABBITS/ STRUCTURE-ACTIVITY RELATIONSHIP/ SULFHYDRYL COMPOUNDS

1144. **Cameron JS:** Bright's disease today: the pathogenesis and treatment of glomerulonephritis. II.
Br Med J 4:160-3 contd, 21 Oct 72
AUTOANTIBODIES, analysis/ AUTOIMMUNE DISEASES/ BASEMENT MEMBRANE, immunology/ BLOOD COAGULATION/ COMPLEMENT/ FIBRIN, analysis/ FLUORESCENT ANTIBODY TECHNIC/ *GLOMERULONEPHRITIS/ GLOMERULONEPHRITIS, etiology/ GLOMERULONEPHRITIS, immunology/ HUMAN/ IGE/ IMMUNE COMPLEX DISEASE/ KIDNEY GLOMERULUS, analysis/ NEPHROTIC SYNDROME, etiology/ REVIEW

1145. **Cameron JS:** Bright's disease today: the pathogenesis and treatment of glomerulonephritis. 3.
Br Med J 4:217-20, 28 Oct 72 (153 ref.)
ANIMAL EXPERIMENTS/ ANTIBODIES/ ANTIGENS/ ANTI-INFLAMMATORY AGENTS, therapeutic use/ ANTINEOPLASTIC AGENTS, therapeutic use/ AUTOIMMUNE DISEASES/ COMPLEMENT/ CORTICOSTERONE, therapeutic use/ FIBRIN, biosynthesis/ GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, etiology/ GLOMERULONEPHRITIS, immunology/ *GLOMERULONEPHRITIS, therapy/ HUMAN/ MICE/ MICE, INBRED NZB/ MICE, INBRED STRAINS/ NEPHRITIS/ PLASMODIUM MALARIAE, pathogenicity/ REVIEW/ RODENT DISEASES

1146. **Camey M:** Intérêt du cerclage et de la mise en dépression de la loge prostatique , selon R, Denis, après adénomectomie.
J Urol Nephrol (Paris) 78:477, Jun 72 (Fre)
AGED/ *HEMOSTASIS/ HUMAN/ IRRIGATION/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *PROSTATECTOMY/ *PROSTATIC HYPERTROPHY, surgery

1147. **Camoens H, Berg K:** Studies on naturally occurring warm haemolysins and haemagglutinins active against trypsinized red cells. Reproduction of the phenomena. Vox Sang 24:283-6, Mar 73
ANTIGENS/ ERYTHROCYTES, drug effects/ *ERYTHROCYTES, immunology/ HEMAGGLUTINATION TESTS/ *HEMOLYSINS, analysis/ HEMOLYSIS/ HUMAN/ *ISOANTIBODIES, analysis/ *TRYPSIN, pharmacodynamics

1148. **Campbell JS, Henderson IW:** Effects of instillation of paraffins in tissues. Lancet 1:775-6, 7 Apr 73
*ADHESIONS, prevention & control/ CHROMATOGRAPHY, THIN LAYER/ FEMALE/ *FOREIGN BODIES/ FOREIGN BODY REACTION/ *GRANULOMA, chemically induced/ HUMAN/ *INTESTINAL OBSTRUCTION, prevention & control/ MALE/ *PARAFFIN, adverse effects/ POSTOPERATIVE COMPLICATIONS, chemically induced/ SPECTROPHOTOMETRY, INFRARED

1149. **Campbell P, Kaiser ET:** The intramolecular nucleophilic reaction of a phenolic hydroxyl group at the active site of papain.
Biochem Biophys Res Commun 48:866-72, 21 Aug 72
BUFFERS/ CHEMISTRY, ANALYTICAL/ CYCLIZATION/ DINITROPHENOLS/ GEL FILTRATION/ HYDROLYSIS/ *PAPAIN, analysis/ PEPTIDE HYDROLASES/ SULFONIC ACIDS

1150. **Campese VM, Marzullo F, Schena FP, et al:** Acute renal failure during intermittent rifampicin therapy.
Nephron 10:256-61, 1973
ADULT/ ANURIA, drug therapy/ CASE REPORT/ DRUG HYPERSENSITIVITY/ FIBRINOGEN, analysis/ FLUORESCENT ANTIBODY TECHNIC/ FUROSEMIDE, therapeutic use/ HUMAN/ IMMUNOGLOBULINS, analysis/ *KIDNEY FAILURE, ACUTE, chemically induced/ MALE/ RIFAMPIN, adverse effects/ *RIFAMPIN, therapeutic use/ *TUBERCULOSIS, PULMONARY, drug therapy

1151. **Campra J, Ashcavai M, Peters RL, et al:** Serum antitrypsin levels in acute hepatic necrosis.
Br Med J 2:616, 9 Jun 73
HUMAN/ *LIVER DISEASES, blood/ *NECROSIS, blood/ *TRYPSIN INHIBITORS, blood

1152. **Campra JL, Craig JR, Peters RL, et al:** Cirrhosis associated with partial deficiency of alpha-1 antitrypsin in an adult.
Ann Intern Med 78:233-8, Feb 73
ASCITES, etiology/ BIOPSY/ CASE REPORT/ CYTOPLASM/ EOSINOPHILS/ FEMALE/ GEL DIFFUSION TESTS/ HUMAN/ LIVER, pathology/ *LIVER CIRRHOSIS, etiology/ LIVER CIRRHOSIS, pathology/ *METABOLISM, INBORN ERRORS, complications/ METABOLISM, INBORN ERRORS, diagnosis/ METABOLISM, INBORN ERRORS, pathology/ MICROSCOPY, ELECTRON/ MICROSCOPY, FLUORESCENCE/ MIDDLE AGE/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PHENOTYPE/ TRYPSIN INHIBITORS, analysis/ *TRYPSIN INHIBITORS, blood

1153. **Canada AT:** Gold-induced thrombocytopenia.
Am J Hosp Pharm 30:340-2, Apr 73
ARTHRITIS, RHEUMATOID, complications/ ARTHRITIS, RHEUMATOID, drug therapy/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CASE REPORT/ EPISTAXIS, chemically induced/ FEMALE/ *GOLD, adverse effects/ GOLD, therapeutic use/ HUMAN/ MIDDLE AGE/ PREDNISONE, therapeutic use/ THIOMALATES, adverse effects/ THIOMALATES, therapeutic use/ *THROMBOPENIA, chemically induced/ THROMBOPENIA, drug therapy

1154. **Cannat A, Varet B:** Induction of antinuclear antibodies in (CxB6) F1 mice inoculated with Graffi and Rauscher leukemogenic viruses.
Proc Soc Exp Biol Med 141:1077-80, Dec 72
ABSORPTION/ ANIMAL EXPERIMENTS/ *ANTINUCLEAR FACTORS, analysis/ DEOXYRIBONUCLEASE, pharmacodynamics/ FLUORESCENT ANTIBODY TECHNIC/ IMMUNE SERUMS/ LEUKEMIA, EXPERIMENTAL, immunology/ LEUKEMIA, EXPERIMENTAL, occurrence/ LIVER, drug effects/ METHODS/ MICE/ MICE, INBRED STRAINS/ *MOUSE LEUKEMIA VIRUSES, immunology/ *RAUSCHER VIRUS, immunology/ RIBONUCLEASE, pharmacodynamics/ SPLEEN, immunology/ TRYPSIN, pharmacodynamics

1155. **Cano FR, Casas IA, Zimmerman LN:** Purification and characterization of a protease produced by Streptococcus faecalis var. liquefaciens.
Prep Biochem 1:269-82, 1971
ANTIBODIES/ CASEIN/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, DISK/ GEL DIFFUSION TESTS/ GEL FILTRATION/ ISOELECTRIC FOCUSING/ KINETICS/ METHODS/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, analysis/ *PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ *STREPTOCOCCUS FAECALIS, enzymology/ ULTRACENTRIFUGATION/ ULTRAFILTRATION

1156. **Cano Ruíz A, Miño Fugarolas G, Barbado Hernández FJ, et al:** Hematoma perirrenal espontáneo por angiomiolipoma.
Rev Clin Esp 129:201-6, 30 Apr 73 **(Spa)**
ADULT/ ANGIOGRAPHY/ DIAGNOSIS, DIFFERENTIAL/ *HEMANGIOMA, complications/ *HEMATOMA, etiology/ HUMAN/ *KIDNEY NEOPLASMS, complications/ *LIPOMA, complications/ MALE/ RADIOISOTOPE SCANNING

1157. **Capel-Boute C:** Influence de facteurs de l'ambiance sur la coagulation sanguine.
Acta Otorhinolaryngol Belg 27:83-102, 1973 **(Fre)**
ALTITUDE/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ CIRCADIAN RHYTHM/ ELECTROMAGNETICS/ ENGLISH ABSTRACT/ ENVIRONMENT/ HUMAN/ METALS/ SEASONS/ TEMPERATURE/ WEATHER

1158. **Caplow M, Harper C:** Discrete effects of the acylamino proton in a chymotrypsin substrate on different processes in catalysis.
J Am Chem Soc 94:6508-12, 6 Sep 72
ACYLATION/ CATALYSIS/ *CHYMOTRYPSIN/ HYDROGEN-ION CONCENTRATION/ METHYLTYROSINES/ PROTONS

1159. **Capony JP, Pechère JF:** The primary structure of the major parvalbumin from hake muscle. Tryptic peptides derived from the S-sulfo and the performic-acid-oxidized proteins.
Eur J Biochem 32:88-96, 3 Jan 73
*ALBUMINS, analysis/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AUTOANALYSIS/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ DANSYL COMPOUNDS/ ELECTROPHORESIS, PAPER/ *FISHES/ FORMIC ACIDS/ GEL FILTRATION/ GUANIDINES/ *MUSCLES, analysis/ PEPTIDES, analysis/ PROTEIN DENATURATION/ TRYPSIN/ UREA

1160. **Capony JP, Rydèn L, Demaille J, et al:** The primary structure of the major parvalbumin from hake muscle. Overlapping peptides obtained with chemical and enzymatic methods. The complete amino-acid sequence. Eur J Biochem 32:97-108, 3 Jan 73
*ALBUMINS, analysis/ AMIDES, analysis/ AMINO ACID SEQUENCE/ AMINOPEPTIDASES/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, THIN LAYER/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ ELECTROPHORESIS, PAPER/ *FISHES/ GEL FILTRATION/ GUANIDINES/ MALEATES/ *MUSCLES, analysis/ PEPSIN/ PEPTIDES, analysis/ PRONASE/ TRYPSIN

1161. **Capote L, Oliva H:** Correlación clinicopatológica en el sindrome de coagulación intravasular diseminada. Estudiada en nueve casos autopsiados.
Rev Clin Esp 128:107-18, 31 Jan 73 **(Spa)**
ADULT/ AGED/ AUTOPSY/ *BLOOD VESSELS, pathology/ DIAGNOSIS, DIFFERENTIAL/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ *DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PREGNANCY

1162. **Caprini JA, Kurtides ES:** Diagnosis and treatment of common bleeding disorders.
Ill Med J 142:564-8 passim, Dec 72
*BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION DISORDERS, therapy/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ CHRISTMAS DISEASE, diagnosis/ CHRISTMAS DISEASE, therapy/ HEMOPHILIA, diagnosis/ HEMOPHILIA, therapy/ HEMOSTATICS, analysis/ HUMAN/ INTRINSIC FACTOR, analysis

1163. **Carabalona P, Vernhet J, Bonnel F:** Hémangiome extensif du foie, traité par désartérialisation élective intra-hilaire.
Chirurgie 98:757-63, 13 Dec 73 **(Fre)**
ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, surgery/ *HEPATIC ARTERY, surgery/ HUMAN/ LIGATION/ *LIVER NEOPLASMS, surgery/ MIDDLE AGE/ SUTURES

1164. **Carden AB:** Management of haemorrhoids and associated ano-rectal conditions. Drugs 4:75-80, 1972
CATHARTICS, therapeutic use/ COLITIS, therapy/ DILATATION/ FISSURE IN ANO, surgery/ HEMATOMA, surgery/ HEMORRHOIDS, drug therapy/ HEMORRHOIDS, surgery/ *HEMORRHOIDS, therapy/ HUMAN/ INTESTINAL FISTULA, surgery/ LIGATION/ OINTMENTS/ PROCTITIS, therapy/ RECTAL DISEASES, surgery/ *RECTAL DISEASES, therapy/ RECTAL NEOPLASMS, surgery/ RECTAL PROLAPSE, surgery/ SCLEROSING SOLUTIONS, therapeutic use/ SUPPOSITORIES/ WARTS, therapy

1165. **Cardesa A, Pour P, Althoff J, et al:** Vascular tumors in female mice after intraperitoneal injection of dimethylnitrosamine.
J Natl Cancer Inst 51:201-8, Jul 73
ANGIOSARCOMA, chemically induced/ ANIMAL EXPERIMENTS/ *CARCINOGENS/ DIMETHYLAMINES/ FEMALE/ HEMANGIOENDOTHELIOMA, chemically induced/ HEMANGIOMA, chemically induced/ HEMANGIOPERICYTOMA, chemically induced/ LIVER NEOPLASMS, chemically induced/ MALE/ MICE/ NEOPLASMS, EXPERIMENTAL, chemically induced/ *NEOPLASMS, VASCULAR TISSUE, chemically induced/ *NITROSAMINES/ RETROPERITONEAL

NEOPLASMS, chemically induced/ SEX FACTORS

1166. **Cardinaud R, Dassin E, Pelletier F:** Heterogeneity of subfragment-1 preparations from myofibril digestion by trypsin.
Biochem Biophys Res Commun 52:1057-63, 8 Jun 73
ANIMAL EXPERIMENTS/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ COMPARATIVE STUDY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ EVALUATION STUDIES/ MEROMYOSINS, isolation & purification/ METHODS/ MOLECULAR WEIGHT/ *MUSCLE PROTEINS, isolation & purification/ *MYOFIBRILS, analysis/ PANCREAS/ PROTEIN DENATURATION/ RABBITS/ SODIUM DODECYL SULFATE/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *TRYPSIN, metabolism/ TRYPSIN INHIBITORS/ UREA

1167. **Carey JP, Turino GM:** Hereditary aspects of COPD.
Postgrad Med 54:64-9, Sep 73 (57 ref.)
ADULT/ ALPHA GLOBULIN, analysis/ CYSTIC FIBROSIS, complications/ CYSTIC FIBROSIS, diagnosis/ CYSTIC FIBROSIS, familial & genetic/ CYTOPLASM/ FEMALE/ HETEROZYGOTE/ HUMAN/ LUNG, secretion/ LUNG DISEASES, OBSTRUCTIVE, complications/ *LUNG DISEASES, OBSTRUCTIVE, familial & genetic/ MALE/ METABOLISM, INBORN ERRORS, complications/ METHODS/ MUCUS, secretion/ PANCREATOPEPTIDASE, antagonists & inhibitors/ PANCREATOPEPTIDASE, blood/ PHENOTYPE/ PULMONARY EMPHYSEMA, etiology/ PULMONARY EMPHYSEMA, familial & genetic/ RACIAL STOCKS/ REVIEW/ SMOKING, complications/ SWEAT, analysis/ TRYPSIN INHIBITORS, blood

1168. **Carey JS:** Physiological hemodilution: interrelationships between hemodynamics and blood volume after acute blood loss.
Ann Surg 178:87-94, Jul 73
ANESTHESIA, INTRAVENOUS/ ANIMAL EXPERIMENTS/ BLOOD GAS ANALYSIS/ BLOOD PRESSURE/ BLOOD PROTEINS, analysis/ BLOOD VISCOSITY/ *BLOOD VOLUME/ CARDIAC OUTPUT/ DOGS/ DYE DILUTION TECHNIC/ HEART CATHETERIZATION/ HEART RATE/ HEMATOCRIT/ *HEMODYNAMICS/ *HEMORRHAGE, physiopathology/ HOMEOSTASIS/ HYDROGEN-ION CONCENTRATION/ LACTATES, blood/ PENTOBARBITAL, administration & dosage/ SERUM ALBUMIN, RADIO-IODINATED/ THIAMYLAL, administration & dosage/ TIME FACTORS/ VASCULAR RESISTANCE

1169. **Carlo WR, Schneeweiss B:** Akute thrombozytopenische Purpura nach Virusimpfungen.
Kinderaerztl Prax 40:448-53, Oct 72 (Ger)
ACUTE DISEASE/ BLOOD TRANSFUSION/ CHILD/ FEMALE/ HUMAN/ *INFLUENZA VACCINE, adverse effects/ MALE/ *MEASLES VACCINE, adverse effects/ PREDNISONE, therapeutic use/ *PURPURA, THROMBOPENIC, chemically induced/ PURPURA, THROMBOPENIC, drug therapy/ PURPURA, THROMBOPENIC, therapy

1170. **Carlson LA, Fröberg S, Orö L:** A case of massive hypertriglyceridemia corrected by nicotinic acid or nicotinamide therapy.
Atherosclerosis 16:359-68, Nov-Dec 72
CHYLOMICRONS, blood/ DIET/ FASTING, blood/ HEPARIN, pharmacodynamics/ HUMAN/ HYPERLIPEMIA, diagnosis/ *HYPERLIPEMIA, drug therapy/ LIPIDS, blood/ LIPOPROTEIN LIPASE, blood/ LIPOPROTEINS, HDL, blood/ LIPOPROTEINS, LDL, blood/ LIPOPROTEINS, VLDL, blood/ MALE/ MIDDLE AGE/ *NICOTINAMIDE, therapeutic use/ *NICOTINIC ACID, therapeutic use/ *TRIGLYCERIDES, blood

1171. **Carlson RG, Landé AJ, Ivey LA, et al:** The Landé-Edwards membrane oxygenator for total cardiopulmonary support in 110 patients during heart surgery. Surgery 72:913-9, Dec 72
AORTOCORONARY BYPASS/ BENDER-GESTALT TEST/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CARBON DIOXIDE, blood/ CARDIAC OUTPUT/ DISPOSABLE EQUIPMENT/ EMBOLISM, AIR, diagnosis/ EMBOLISM, AIR, etiology/ *HEART, MECHANICAL/ HEART SURGERY/ HEMOGLOBINOMETRY/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYPOTHERMIA, INDUCED/ INTELLIGENCE TESTS/ *MEMBRANES, ARTIFICIAL/ OXYGEN, blood/ OXYGENATORS, MEMBRANE/ OXYGENATORS, MEMBRANE, adverse effects/ RESPIRATION/ ULTRASONICS, diagnostic use

1172. **Carlson RG, Landé AJ, Ivey LW, et al:** Total cardiopulmonary support with disposable membrane oxygenator during aortocoronary artery-vein graft operations. Chest 62:424-32, Oct 72
ADULT/ ANGINA PECTORIS, surgery/ *AORTOCORONARY BYPASS/ BILIRUBIN, blood/ BLOOD PLATELETS/ BLOOD UREA NITROGEN/ CARBON DIOXIDE, blood/ ELECTROCARDIOGRAPHY/ *EXTRACORPOREAL CIRCULATION/ FEMALE/ HEART FAILURE, CONGESTIVE, surgery/ *HEART, MECHANICAL/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYPOTHERMIA, INDUCED/ MALE/ *MEMBRANES, ARTIFICIAL/ MIDDLE AGE/ MYOCARDIAL REVASCULARIZATION/ OXYGEN, blood/ OXYGENATORS, MEMBRANE/ POSTOPERATIVE CARE/ PROTHROMBIN TIME/ SHOCK, CARDIOGENIC, surgery

1173. **Carlsson J, Gabel D, Axén R:** Competitive inhibition of Sephadex-bound chymotrypsin and trypsin.
Hoppe Seylers Z Physiol Chem 353:1850-4, Dec 72
ARGININE/ BENZYL COMPOUNDS/ BINDING, COMPETITIVE/ *CHYMOTRYPSIN, antagonists & inhibitors/ DEXTRAN/ DEXTRANASE/ DIFFUSION/ ESTERS/ HYDROLYSIS/ KINETICS/ *PROTEIN BINDING/ *RESINS/ *TRYPSIN, antagonists & inhibitors/ *TRYPSIN INHIBITORS/ TRYPTOPHAN/ TYROSINE

1174. **Carlsson L, Karlsson B:** Gel diffusion methods for determination of protease and protease-inhibiting activities. Experientia 28:990-1, 15 Aug 72
ANIMAL EXPERIMENTS/ COLOSTRUM, analysis/ ELECTROPHORESIS/ *GEL DIFFUSION TESTS/ METHODS/ PEPTIDE HYDROLASES, analysis/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, blood/ PEPTIDE HYDROLASES, urine/ SWINE/ TRYPSIN, antagonists & inhibitors

1175. **Carlsson S, Linell F:** Fibrin degradation products in serum and urine in patients with renal carcinoma.
Scand J Urol Nephrol 7:43-9, 1973
*FIBRIN, metabolism/ FIBRIN, urine/ *FIBRINOGEN, metabolism/ HEMATURIA/ HUMAN/ *KIDNEY NEOPLASMS, blood/ KIDNEY NEOPLASMS, diagnosis/ KIDNEY NEOPLASMS, surgery/ KIDNEY NEOPLASMS, urine/ NEOPLASM METASTASIS/ NEPHRECTOMY/ PROGNOSIS

1176. **Carnevali G, Lattuada A:** Segni radiologici di malignità delle lesioni solitarie dello scheletro.
Minerva Med 64:2808-27, 1973 (Ita)
ADOLESCENCE/ ADULT/ BONE CYST, radiography/ BONE DISEASES, radiography/ *BONE NEOPLASMS, radiography/ CHILD, PRESCHOOL/ CHONDROMA, radiography/ FEMALE/ FIBROMA, radiography/ GIANT CELL TUMORS, radiography/ HEMANGIOPERICYTOMA, radiography/ HUMAN/ MALE/ NEOPLASM METASTASIS/ SARCOMA, EWING'S, radiography/ SARCOMA, OSTEOGENIC, radiography

1177. **Caroff J:** Problèmes de mortalité natale et périnatale Points de vue médico-légaux. I. La submersion

intra-utérine (Balthazard et Plédelièvre.
Med Leg Domm Corpor (Paris) 5:352-5, Oct-Dec 72 (Fre)
AMNIOTIC FLUID/ ASPHYXIA, etiology/ *ASPHYXIA NEONATORUM/ ASPIRATION/ ENGLISH ABSTRACT/ *FETAL DEATH/ *FETAL DISEASES, etiology/ FORENSIC MEDICINE/ HEMANGIOMA, CAVERNOUS, complications/ HEMORRHAGE, etiology/ HUMAN/ INFANT, NEWBORN/ LABOR COMPLICATIONS/ PREGNANCY/ PREGNANCY COMPLICATIONS/ RESPIRATION/ SPLENIC NEOPLASMS, complications

1178. **Carpenter RR, Reed DE:** The outcome for patients with cerebrovascular disease in university and community hospitals. Stroke 3:747-58, Nov-Dec 72
ACUTE DISEASE/ ADULT/ AGE FACTORS/ AGED/ ANTICOAGULANTS, therapeutic use/ CEREBRAL ANGIOGRAPHY/ CEREBRAL HEMORRHAGE, mortality/ CEREBRAL ISCHEMIA, TRANSIENT, mortality/ CEREBROVASCULAR DISORDERS, cerebrospinal fluid/ CEREBROVASCULAR DISORDERS, diagnosis/ CEREBROVASCULAR DISORDERS, drug therapy/ *CEREBROVASCULAR DISORDERS, mortality/ CEREBROVASCULAR DISORDERS, therapy/ CHRONIC DISEASE/ ELECTROENCEPHALOGRAPHY/ EVALUATION STUDIES/ FEMALE/ HUMAN/ HYPERTENSION, mortality/ MALE/ MEDICAL RECORDS/ MIDDLE AGE/ PAPAVERINE, therapeutic use/ PHYSICAL THERAPY/ PROGNOSIS/ QUALITY OF HEALTH CARE/ RADIOISOTOPE SCANNING/ SUBARACHNOID HEMORRHAGE, mortality

1179. **Carpentier S, Lejeune J:** Analyse chromosomique des tumeurs malignes. Technique d'examen des tumeurs en culture organotypique.
Pathol Biol (Paris) 21:665-9, Jun 73 (Fre)
CELLS, CULTURED/ *CHROMOSOMES/ COLCHICINE, pharmacodynamics/ ENGLISH ABSTRACT/ HUMAN/ HYPOTONIC SOLUTIONS/ METHODS/ *NEOPLASMS, familial & genetic/ TRYPSIN

1180. **Carr EO:** Use of blood components.
JFMA 60:39-40, May 73
*BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ HUMAN/ METHODS

1181. **Carr JB, De Quesada AM, Shires DL:** Decreased incidence of transfusion hepatitis after exclusive transfusion with reconstituted frozen erythrocytes. Studies in a dialysis unit.
Ann Intern Med 78:693-5, May 73
*BLOOD PRESERVATION/ *BLOOD TRANSFUSION, adverse effects/ ERYTHROCYTES/ FREEZING/ *HEMODIALYSIS/ *HEPATITIS, HOMOLOGOUS SERUM, etiology/ HUMAN/ RETROSPECTIVE STUDIES

1182. **Carr MC:** Study into the mechanisms of damage of human placental syncytiotrophoblast. II. Histologic comparison of plasma-induced damage and specific enzymes-induced damage.
Gynecol Invest 3:203-14, 1972
BASOPHILS, drug effects/ CELL NUCLEUS, drug effects/ CULTURE MEDIA/ CYTOPLASM, drug effects/ DEOXYRIBONUCLEASE, pharmacodynamics/ *ENZYMES, pharmacodynamics/ FEMALE/ HISTOLOGICAL TECHNICS/ HUMAN/ MICROSCOPY, ELECTRON/ NEURAMINIDASE, pharmacodynamics/ *PLACENTA, cytology/ PLACENTA, drug effects/ *PLASMA/ PREGNANCY/ PRONASE, pharmacodynamics/ TISSUE CULTURE/ *TROPHOBLAST, cytology/ TROPHOBLAST, drug effects/ TRYPSIN, pharmacodynamics

1183. **Carrabba M, Colombo B:** Indagini sull'attività clinica e sulla tollerabilità di una nuova associazione pirazolica.
Minerva Med 64:1831-4, 16 May 73 (Ita)
AMINOPYRINE, administration & dosage/ *AMINOPYRINE, therapeutic use/ BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, drug effects/ DRUG COMBINATIONS/ DRUG TOLERANCE/ ENGLISH ABSTRACT/ ERYTHROCYTES, drug effects/ FEMALE/ GOUT, drug therapy/ HUMAN/ *JOINT DISEASES, drug therapy/ LEUKOCYTES, drug effects/ MALE/ NEURITIS, drug therapy/ PHENAZINES, administration & dosage/ *PHENAZINES, therapeutic use/ *PYRAZOLES, therapeutic use/ *RHEUMATISM, drug therapy/ SCIATICA, drug therapy

1184. **Carrea G, Caselato MM, Manera E, et al:** Purification of a human urinary glycoprotein with gastric antisecretory activity.
Biochim Biophys Acta 295:274-82, 25 Jan 73
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CARBOHYDRATES, analysis/ ELECTROPHORESIS, DISK/ FEMALE/ GEL FILTRATION/ GLYCOPROTEINS, analysis/ GLYCOPROTEINS, isolation & purification/ GLYCOPROTEINS, pharmacodynamics/ GLYCOPROTEINS, therapeutic use/ *GLYCOPROTEINS, urine/ GRAAFIAN FOLLICLE, drug effects/ HUMAN/ MACROMOLECULAR SYSTEMS/ MALE/ MOLECULAR WEIGHT/ NEURAMINIDASE/ PREGNANCY/ RATS/ *STOMACH, drug effects/ STOMACH, secretion/ STOMACH ULCER, prevention & control/ TRYPSIN/ ULTRACENTRIFUGATION

1185. **Carreira J, Leal JA, Rojas M, et al:** Membrane ATPase of Escherichia coli K 12. Selective solubilization of the enzyme and its stimulation by trypsin in the soluble and membrane-bound states.
Biochim Biophys Acta 307:541-56, 25 May 73
ADENOSINE TRIPHOSPHATASE, isolation & purification/ ADENOSINE TRIPHOSPHATASE, metabolism/ AMMONIUM COMPOUNDS/ BICARBONATES/ BUFFERS/ CELL MEMBRANE, drug effects/ *CELL MEMBRANE, enzymology/ DEOXYCHOLIC ACID/ EDTA/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ ESCHERICHIA COLI, cytology/ ESCHERICHIA COLI, drug effects/ *ESCHERICHIA COLI, enzymology/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ PROTEIN BINDING/ SODIUM DODECYL SULFATE/ SOLUBILITY/ SURFACE-ACTIVE AGENTS/ TRYPSIN, pharmacodynamics

1186. **(Carrel A), Walker LG Jr:** Carrel's direct transfusion of a five day old infant.
Surg Gynecol Obstet 137:494-6, Sep 73
BLOOD DONORS/ *BLOOD TRANSFUSION, history/ *HEMORRHAGIC DISEASE OF NEWBORN, therapy/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ INFANT, NEWBORN/ LEGISLATION, MEDICAL/ NEW YORK CITY/ VIVISECTION

1187. **Carson F, Lynn JA, Martin JH:** Ultrastructural effect of various buffers, osmolality, and temperature on paraformaldehyde fixation of the formed elements of blood and bone marrow.
Tex Rep Biol Med 30:125-42, Summer 72
*BLOOD CELLS, cytology/ BLOOD CELLS, drug effects/ BLOOD PLATELETS, cytology/ *BONE MARROW CELLS, cytology/ BONE MARROW CELLS, drug effects/ BUFFERS/ *FORMALDEHYDE, pharmacodynamics/ *HISTOLOGICAL TECHNICS/ HUMAN/ LEUKOCYTES, cytology/ LYMPHOCYTES, cytology/ METHODS/ MONOCYTES, cytology/ NEUTROPHILS, cytology/ OSMOLAR CONCENTRATION/ PHOSPHATES/ TEMPERATURE

1188. **Carta-Sorcino M, Appella E, Inman JK, et al:** The immunoglobulins derived from a VH-CH recombinant rabbit and its normal relatives. II. Chemical studies of allotype related differences in Fd and Fc fragments.
Immunochemistry 10:449-53, Jul 73
ALANINE, analysis/ *AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/

ELECTROPHORESIS, PAPER/ GEL FILTRATION/ HOMOZYGOTE/ IGG, analysis/ *IMMUNOGLOBULINS, FC, analysis/ *IMMUNOGLOBULINS, FD, analysis/ *ISOANTIGENS/ PAPAIN/ PEPTIDES, isolation & purification/ RABBITS/ *RECOMBINATION, GENETIC/ THREONINE, analysis/ TRYPSIN

1189. **Carter JR Jr, Avruch J, Martin DB:** Glucose transport by trypsin-treated red blood cell ghosts.
Biochim Biophys Acta 291:506-18, 26 Jan 73
BLOOD PROTEINS, analysis/ BLOOD PROTEINS, metabolism/ CARBOHYDRATES, pharmacodynamics/ CARBON ISOTOPES/ CELL MEMBRANE, analysis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ERYTHROCYTES, cytology/ ERYTHROCYTES, drug effects/ *ERYTHROCYTES, metabolism/ ETHYLMALEIMIDE, pharmacodynamics/ GLUCOSE, antagonists & inhibitors/ *GLUCOSE, metabolism/ HUMAN/ IN VITRO/ MICROPORE FILTERS/ PHLORHIZIN, pharmacodynamics/ SODIUM DODECYL SULFATE/ STEREOISOMERS/ TIME FACTORS/ TRITIUM/ TRYPSIN, administration & dosage/ *TRYPSIN, pharmacodynamics

1190. **Carter PM:** Immune complex disease.
Ann Rheum Dis 32:265-71, May 73 (27 ref.)
ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY COMPLEX/ ANTIHISTAMINICS, therapeutic use/ ARTHRITIS, immunology/ ARTHUS PHENOMENON/ EDEMA/ FEVER/ HEPARIN, therapeutic use/ HUMAN/ HYDROSTATIC PRESSURE/ IMMUNE COMPLEX DISEASE/ IMMUNE COMPLEX DISEASE, drug therapy/ IMMUNOGLOBULINS/ *IMMUNOLOGIC DISEASES/ NECROSIS/ NEPHRITIS, immunology/ NEUTROPHILS/ PERMEABILITY/ PHAGOCYTOSIS/ REVIEW/ SERUM SICKNESS/ SOLUBILITY/ STEROIDS, therapeutic use

1191. **Cartwright B, Brown F:** Serological relationships between different strains of vesicular stomatis virus.
J Gen Virol 16:391-8, Sep 72
AMINO ACIDS/ ANIMAL EXPERIMENTS/ ANTIGENS, VIRAL/ BILE ACIDS AND SALTS/ CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ COMPLEMENT FIXATION TESTS/ CROSS REACTIONS/ ETHYL ETHER/ GUINEA PIGS, immunology/ IMMUNE SERUMS/ MICE/ NEUTRALIZATION TESTS/ NUCLEOPROTEINS/ SEROTYPING/ SURFACE-ACTIVE AGENTS/ TRITIUM/ TRYPSIN/ URIDINE/ VESICULAR STOMATITIS VIRUS, classification/ *VESICULAR STOMATITIS VIRUS, immunology/ VESICULAR STOMATITIS VIRUS, pathogenicity/ VIRAL PROTEINS

1192. **Carty MJ, Barr RD, Ouna N:** The coagulation and fibrinolytic properties of peritoneal and venous blood in patients with ruptured ectopic pregnancy.
J Obstet Gynaecol Br Commonw 80:701-3, Aug 73
BLOOD CELL COUNT/ *BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ BLOOD TRANSFUSION, AUTOLOGOUS/ FACTOR V/ FACTOR VIII/ FACTOR X/ FEMALE/ FIBRINOGEN, metabolism/ *FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, diagnostic use/ HEMOGLOBINOMETRY/ HUMAN/ PERITONEUM/ PLASMINOGEN/ PREGNANCY/ *PREGNANCY, ECTOPIC, blood/ RUPTURE/ STATISTICS

1193. **Caruso L, Di Luzio V, Purcaro A:** Il fenomeno di Venturi nell'emodinamica delle cardiopatie. Basi fisiche e analisi delle curve pressorie.
G Ital Cardiol 2:741-50, 1972 (Ita)
BLOOD FLOW VELOCITY/ *BLOOD PRESSURE/ BLOOD VISCOSITY/ CARDIOVASCULAR SYSTEM, physiopathology/ CORONARY CIRCULATION/ HEART DEFECTS, CONGENITAL, physiopathology/ *HEART DISEASES, physiopathology/ *HEMODYNAMICS/ HUMAN/ MANOMETRY/ METHODS/ MITRAL VALVE INSUFFICIENCY, physiopathology/ PULMONARY ARTERY, physiopathology/ PULMONARY VALVE STENOSIS, physiopathology

1194. **Casaretto AA, Marchioro TL, Bagdade JD:** Hyperlipidemia following renal transplant.
Trans Am Soc Artif Intern Organs 19:154-6, 1973
ADOLESCENCE/ ADULT/ AGE FACTORS/ BODY WEIGHT/ CHILD/ CHOLESTEROL, blood/ CREATININE, blood/ FASTING/ FEMALE/ HEMODIALYSIS/ HUMAN/ HYPERLIPEMIA, blood/ *HYPERLIPEMIA, etiology/ INSULIN, blood/ *KIDNEY, transplantation/ LIPOPROTEIN LIPASE, blood/ MALE/ *POSTOPERATIVE COMPLICATIONS/ PREDNISOLONE, administration & dosage/ PREDNISOLONE, therapeutic use/ TRANSPLANTATION, HOMOLOGOUS/ TRIGLYCERIDES, blood

1195. **Casas M:** Fistula congénita arteriovenosa.
Angiologia 24:245-8, Sep-Oct 72 (Spa)
*ANGIOMATOSIS, congenital/ *ARTERIOVENOUS FISTULA, congenital/ ARTERIOVENOUS FISTULA, surgery/ CASE REPORT/ CHILD/ *DYSCHONDROPLASIA, etiology/ ENGLISH ABSTRACT/ HUMAN/ KNEE, blood supply/ *LEG, blood supply/ *LEG LENGTH INEQUALITY, etiology/ MALE/ METHODS/ *POPLITEAL ARTERY/ POPLITEAL ARTERY, surgery/ *POPLITEAL VEIN/ POPLITEAL VEIN, surgery

1196. **Casellato MM, Lugaro G, Carrea G, et al:** Purification of cortico-cerebral factor(s) inhibiting the secretion of corticosterone.
Biochim Biophys Acta 279:387-92, 15 Sep 72
ANIMAL EXPERIMENTS/ BRAIN CHEMISTRY/ CATTLE/ *CEREBRAL CORTEX, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ *CORTICOSTERONE, antagonists & inhibitors/ CORTICOSTERONE, blood/ CORTICOSTERONE, secretion/ DIALYSIS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG STABILITY/ FEMALE/ GEL FILTRATION/ HEAT/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ PITUITARY-ADRENAL SYSTEM, drug effects/ RATS/ TRYPSIN

1197. **Casey TA, Gibbs D:** Complications in corneal grafting.
Trans Ophthalmol Soc UK 92:517-30, 1972
ADHESIONS/ ANIMAL EXPERIMENTS/ ANTIGENS/ AUTOSOME ABNORMALITIES/ CORNEA, blood supply/ *CORNEA, transplantation/ CORNEAL DYSTROPHIES/ CORNEAL DYSTROPHIES, familial & genetic/ EPITHELIUM/ GLAUCOMA, complications/ GLUCOSE, metabolism/ GRAFT REJECTION/ HUMAN/ INTRAOCULAR PRESSURE/ IRIS/ KERATITIS/ RABBITS/ TEMPERATURE/ TISSUE DONORS/ TISSUE PRESERVATION/ TRANSPLANTATION, HOMOLOGOUS/ VITREOUS BODY

1198. **Casey TP, Matthews JR:** Thrombocytopenic purpura in infectious mononucleosis. NZ Med J 77:318-20, May 73
ADULT/ FEMALE/ HEMORRHAGE, drug therapy/ HEMORRHAGE, etiology/ HUMAN/ *INFECTIOUS MONONUCLEOSIS, complications/ MALE/ PREDNISONE, therapeutic use/ PURPURA, THROMBOPENIC, drug therapy/ *PURPURA, THROMBOPENIC, etiology

1199. **Cash JD, Hoq MS, Cunningham M, et al:** Rapid latex-screening test for urine F.D.P.
Lancet 1:153-4, 20 Jan 73
*FIBRIN, urine/ *FIBRINOGEN, urine/ FIBRINOLYSIS/ *GRAFT REJECTION/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ IGG/ *LATEX FIXATION TESTS

1200. **Caspersen LS:** Complications of pelvic operation following abdominoperineal resection.
Am J Obstet Gynecol 116:564-8, 15 Jun 73

*ABDOMEN, surgery/ ADHESIONS/ ADULT/ AGED/ *ANAL GLAND NEOPLASMS, surgery/ BLOOD TRANSFUSION/ *COLITIS, ULCERATIVE, surgery/ CURETTAGE/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ HYSTERECTOMY/ HYSTEROSALPINGOGRAPHY/ LAPAROTOMY/ LENGTH OF STAY/ MALE/ MIDDLE AGE/ *PERINEUM, surgery/ *POSTOPERATIVE COMPLICATIONS/ *RECTAL NEOPLASMS, surgery/ *SIGMOID NEOPLASMS, surgery/ TIME FACTORS/ UTERUS, surgery

1201. **Cass AS, Ireland GW:** Trauma to the genitourinary tract: evaluation and management.
Postgrad Med 53:63-8, Jun 73
ABDOMINAL INJURIES, diagnosis/ ANGIOGRAPHY/ BLADDER, injuries/ BLADDER, radiography/ CONTRAST MEDIA, administration & dosage/ HEMATOMA, complications/ HEMATURIA, etiology/ HEMORRHAGE, etiology/ HUMAN/ KIDNEY, injuries/ LAPAROTOMY/ RETROPERITONEAL SPACE/ RUPTURE/ TESTIS, injuries/ URETER, injuries/ URETHRA, injuries/ URETHRA, radiography/ URINARY CATHETERIZATION/ *UROGENITAL SYSTEM, injuries/ UROGRAPHY/ WOUNDS AND INJURIES, diagnosis/ WOUNDS AND INJURIES, therapy

1202. **Castaing J, Delplace J:** La prévention des complications thrombo-emboliques en chirurgie orthopédique par la thérapeutique anti-inflammatoire. A propos de 126 cas. Therapeutique 48:453-6, Sep-Oct 72 (Fre)
ADULT/ AGED/ BLOOD COAGULATION TESTS/ HUMAN/ MIDDLE AGE/ *ORTHOPEDICS/ *OXYPHENBUTAZONE, therapeutic use/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOEMBOLISM, prevention & control

1203. **Castaldi PA, Gorman JJ:** Fibrinolysis and haemostasis.
Aust NZ J Med 2:113-7, May 72
ADENOSINE DIPHOSPHATE/ ANTITHROMBIN/ BIODEGRADATION/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, physiology/ CELL AGGREGATION/ COLLAGEN/ FIBRIN, metabolism/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ *HEMOSTASIS/ HUMAN/ PLATELET ADHESIVENESS/ STREPTOKINASE/ THROMBIN, physiology

1204. **Castellino FJ, Brockway WJ, Thomas JK, et al:** Rotational diffusion analysis of the conformational alterations produced in plasminogen by certain antifibrinolytic amino acids.
Biochemistry 12:2787-91, 17 Jul 73
*AMINOCAPROIC ACID/ *ANTIFIBRINOLYTIC AGENTS/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, ION EXCHANGE/ *CYCLOHEXANECARBOXYLIC ACIDS/ DIFFUSION/ FLUORESCENCE SPECTROMETRY/ HUMAN/ MATHEMATICS/ *PLASMINOGEN, analysis/ PLASMINOGEN, isolation & purification/ POLAROGRAPHY/ PROTEIN CONFORMATION/ RABBITS/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TIME FACTORS

1205. **Castellino FJ, Siefring GE Jr, Sodetz JM, et al:** Amino terminal amino acid sequences and carbohydrate of the two major forms of rabbit plasminogen.
Biochem Biophys Res Commun 53:845-51, 6 Aug 73
AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ ARGININE, analysis/ AUTOANALYSIS/ *CARBOHYDRATES, analysis/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ GLUTAMATES, analysis/ NEURAMINIC ACIDS, analysis/ *PLASMINOGEN, analysis/ RABBITS

1206. **Castelmur G de, Chevalier M, Chauveau M:** Une technique simple pour la prostatectomie de sécurité.
J Urol Nephrol (Paris) 78:501-3, Jun 72 (Fre)
AGED/ BLOOD TRANSFUSION/ *HEMORRHAGE, prevention & control/ HEMOSTASIS/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *PROSTATECTOMY/ *PROSTATIC HYPERTROPHY, surgery

1207. **Castleman B, Scully RE, McNeely BU:** [Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 7-1973.
N Engl J Med 288:363-7, 15 Feb 73
ADULT/ AUTOPSY/ CASE REPORT/ CEREBRAL HEMORRHAGE, diagnosis/ CYTOMEGALIC INCLUSION DISEASE, complications/ CYTOMEGALIC INCLUSION DISEASE, diagnosis/ *CYTOMEGALIC INCLUSION DISEASE, pathology/ DIAGNOSIS, DIFFERENTIAL/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ FEMALE/ FETAL DISEASES, diagnosis/ HUMAN/ INCLUSION BODIES, VIRAL/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, pathology/ PREGNANCY/ PREGNANCY COMPLICATIONS, INFECTIOUS/ RUBELLA, diagnosis

1208. **Castro G, Guisard D, Cherrier P, et al:** Etude de l'influence de l'insuline et du glucagon sur l'activité posthéparinique du plasma chez le rat normal et diabétique. C R Soc Biol (Paris) 166:1071-3, 1972 (Fre)
*ALLOXAN DIABETES, enzymology/ ANIMAL EXPERIMENTS/ BLOOD SUGAR, analysis/ *GLUCAGON, pharmacodynamics/ HEPARIN, pharmacodynamics/ *INSULIN, pharmacodynamics/ *LIPOPROTEIN LIPASE, blood/ RATS/ TRIGLYCERIDES, blood

1209. **Castro O, Farber LR, Clyne LP:** Circulating anticoagulants against factors IX and XI in systemic lupus erythematosus. Ann Intern Med 77:543-8, Oct 72
ADOLESCENCE/ ADULT/ BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, drug therapy/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS, analysis/ BLOOD PLATELET DISORDERS, complications/ *FACTOR IX/ *FACTOR XI/ FEMALE/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, blood/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ MALE/ MIDDLE AGE/ PREDNISONE, administration & dosage/ PREDNISONE, therapeutic use/ PROTHROMBIN TIME

1210. **Cataldo F de, Baudo F:** Physiological inhibition of factor XIII. Ann NY Acad Sci 202:341-3, 8 Dec 72
ADSORPTION/ ALUMINUM HYDROXIDE GEL/ BLOOD CHEMICAL ANALYSIS/ BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ CALCIUM/ CATTLE/ CYSTEINE, pharmacodynamics/ ERYTHROCYTES/ *FACTOR XIII, antagonists & inhibitors/ FIBRINOGEN/ HEAT/ HUMAN/ PLASMA

1211. **Cataldo F, Chimenti G:** Contributo allo studio della sindrome di Marfan (dolicostenomelia.
Pediatria (Napoli) 80:345-61, 1972 (Ita)
*ARACHNODACTYLY/ ARACHNODACTYLY, diagnosis/ ARACHNODACTYLY, familial & genetic/ ARACHNODACTYLY, metabolism/ ENGLISH ABSTRACT/ FEMALE/ HEMANGIOMA, CAVERNOUS, complications/ HUMAN/ INFANT/ MUCOPOLYSACCHARIDES, urine/ SCALP

1212. **Catania VC:** La nostra esperienza nella terapia dei tumori della ghiandola parotide.
Minerva Chir 26:1422-8, 31 Dec 71 (Ita)
ADENOLYMPHOMA, surgery/ ADENOMA, surgery/ ADULT/ CYLINDROMA, surgery/ FACIAL NERVE, surgery/ HEMANGIOMA, surgery/ HUMAN/ LIPOMA, surgery/ MALE/ MIXED SALIVARY GLAND TUMOR, surgery/ NEOPLASM RECURRENCE, LOCAL/ NEURILEMMOMA, surgery/ *PAROTID

NEOPLASMS, surgery/ POSTOPERATIVE COMPLICATIONS/ SARCOMA, surgery/ TIME FACTORS

1213. **Cate JW ten:** Effet du VK 774 sur l'agrégation plaquettaire.
Nouv Rev Fr Hematol 12:704-5, Sep-Oct 72 (Fre)
*BLOOD PLATELETS, drug effects/ *CELL AGGREGATION, drug effects/ CELL MEMBRANE/ COLLAGEN, antagonists & inhibitors/ *DIPYRIDAMOLE, pharmacodynamics/ EPINEPHRINE, antagonists & inhibitors/ HUMAN/ IN VITRO

1214. **Cate JW ten, Gerritsen J, Geet-Weijers J van:** "In vitro" and "in vivo" experiences with VK 774, a new platelet function inhibitor.
Pathol Biol (Paris) Suppl:76-81, Dec 72
ADENOSINE DIPHOSPHATE, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ *CELL AGGREGATION, drug effects/ *DIPYRIDAMOLE, pharmacodynamics/ GLYCOLYSIS, drug effects/ HUMAN/ IN VITRO/ MALE/ MICROSCOPY, ELECTRON/ OXYGEN CONSUMPTION

1215. **Cate JW ten, Haeringen NJ van, Gerritsen J, et al:** Biological activity of a semisynthetic flavonoid, O-(-hydroxyethyl)rutoside: light-scattering and metabolic studies of human red cells and platelets.
Clin Chem 19:31-5, Jan 73
ADENINE NUCLEOTIDES, metabolism/ ADENOSINE, metabolism/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ALCOHOL, ETHYL, administration & dosage/ ALCOHOL, ETHYL, pharmacodynamics/ BINDING SITES/ BLOOD CIRCULATION/ *BLOOD PLATELETS, drug effects/ CARBON ISOTOPES/ CELL AGGREGATION, drug effects/ CELL MEMBRANE, drug effects/ DIFFUSION/ DOSE-RESPONSE RELATIONSHIP, DRUG/ EPINEPHRINE, pharmacodynamics/ ERYTHROCYTES, cytology/ *ERYTHROCYTES, drug effects/ ERYTHROCYTES, metabolism/ HUMAN/ IN VITRO/ LIGHT/ PHOSPHORIC ACIDS, metabolism/ RUTIN, administration & dosage/ *RUTIN, pharmacodynamics/ SCATTERING/ TEMPERATURE/ VEINS

1216. **Catsimpoolas N, Kenney J:** Rapid analytical gel chromatography. II. Sensitivity of protein detection by ultraviolet absorbance at 220 nm.
J Chromatogr 71:573-5, 20 Sep 72
*CHYMOTRYPSIN, analysis/ GELS/ METHODS/ MOLECULAR WEIGHT/ *RIBONUCLEASE, analysis/ *SPECTROPHOTOMETRY, ULTRAVIOLET

1217. **Causse J, Chevance LG, Bel J, et al:** L'otospongiose, maladie enzymatique cellulaire et lysosomale confrontation cyto-clinique. II. Corrélation E.N.G.-hydrolases. Corrélations triples E.N.G.-C.O.-hydrolases.
Ann Otolaryngol Chir Cervicofac 89:563-95, Oct-Nov 72 (Fre)
ADULT/ AGED/ AUDIOMETRY/ ELECTROOCULOGRAPHY/ ENGLISH ABSTRACT/ HUMAN/ *LABYRINTHINE FLUIDS, enzymology/ MIDDLE AGE/ NYSTAGMUS/ *OTOSCLEROSIS, complications/ OTOSCLEROSIS, diagnosis/ *PEPTIDE HYDROLASES, analysis/ *VERTIGO, etiology/ VESTIBULAR FUNCTION TESTS

1218. **Causse J, Chevance LG, Bel J, et al:** L'otospongiose, maladie enzymatique, cellulaire et lysosomale. Confrontation cyto-clinique.
Rev Laryngol Otol Rhinol (Bord) 93:640-70, Nov-Dec 72 (Fre)
ADULT/ AGED/ ELECTROOCULOGRAPHY/ ENGLISH ABSTRACT/ HUMAN/ *LABYRINTH DISEASES, enzymology/ LABYRINTH DISEASES, pathology/ *LABYRINTHINE FLUIDS, enzymology/ MIDDLE AGE/ NYSTAGMUS/ *PEPTIDE HYDROLASES, analysis/ STATISTICS/ VESTIBULAR FUNCTION TESTS

1219. **Cavallero C, Di Tondo U, Mingazzini PL, et al:** Cell proliferation in the atherosclerotic lesions of cholesterol-fed rabbits. 2. Histological, ultrastructural and radioautographic observations on epinephrine-treated rabbits.
Atherosclerosis 17:49-62, Jan-Feb 73
ANIMAL EXPERIMENTS/ AORTA, pathology/ ARTERIES, metabolism/ ARTERIOSCLEROSIS, metabolism/ *ARTERIOSCLEROSIS, pathology/ AUTORADIOGRAPHY/ *CELL DIVISION, drug effects/ *DIET, ATHEROGENIC/ DNA, biosynthesis/ *EPINEPHRINE, pharmacodynamics/ MICROSCOPY, ELECTRON/ MITOSIS, drug effects/ PLAQUE ASSAY/ PULMONARY ARTERY, pathology/ RABBITS/ THYMIDINE, metabolism/ TRITIUM

1220. **Cavanagh D, Rao PS:** Septic shock (endotoxic shock).
Clin Obstet Gynecol 16:25-39, Jun 73 (27 ref.)
ANTIBIOTICS/ BABOONS/ BLOOD COAGULATION/ DOGS/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ GRAM NEGATIVE BACTERIA/ HEMODYNAMICS/ HUMAN/ MONKEYS/ PREGNANCY/ REVIEW/ SHOCK, ENDOTOXIC, complications/ SHOCK, ENDOTOXIC, diagnosis/ SHOCK, ENDOTOXIC, drug therapy/ SHOCK, ENDOTOXIC, etiology/ SHOCK, ENDOTOXIC, microbiology/ *SHOCK, ENDOTOXIC, physiopathology/ SHOCK, ENDOTOXIC, prevention & control/ SHOCK, ENDOTOXIC, surgery/ SHOCK, ENDOTOXIC, therapy/ VASOCONSTRICTOR AGENTS, therapeutic use

1221. **Cavanagh RC:** Tumors of the soft tissues of the extremities. Semin Roentgenol 8:73-89, Jan 73
ARM/ CHONDROSARCOMA, radiography/ FIBROMA, radiography/ FIBROSARCOMA, radiography/ HEMANGIOMA, radiography/ HEMANGIOMA, CAVERNOUS, radiography/ HUMAN/ LEG/ LIPOMA, radiography/ LIPOSARCOMA, radiography/ LYMPHANGIOMA, radiography/ LYMPHANGIOSARCOMA, radiography/ MIDDLE AGE/ MYOMA, radiography/ *NEOPLASMS, MUSCLE TISSUE, radiography/ RHABDOMYOSARCOMA, radiography/ SARCOMA, OSTEOGENIC, radiography/ SYNOVIOMA, radiography

1222. **Caves PK, Dong E Jr:** Modified technique for orthotopic cardiac transplantation in dogs.
J Surg Res 15:100-4, Aug 73
ANESTHESIA, INTRAVENOUS/ ANIMAL EXPERIMENTS/ AORTA, surgery/ BLOOD TRANSFUSION/ DOGS/ EPINEPHRINE, administration & dosage/ *HEART, transplantation/ HEART, MECHANICAL, instrumentation/ HEPARIN, administration & dosage/ INFUSIONS, PARENTERAL/ METHODS/ PENTOBARBITAL, administration & dosage/ POSTOPERATIVE CARE/ PROTAMINES, administration & dosage/ PULMONARY ARTERY, surgery/ SUTURES/ TRANSPLANTATION, HOMOLOGOUS

1223. **Cazenave JP, Packham MA, Guccione MA, et al:** Effects of penicillin G on platelet aggregation, release, and adherence to collagen.
Proc Soc Exp Biol Med 142:159-66, Jan 73
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CARBENICILLIN, pharmacodynamics/ CARBON ISOTOPES/ *CELL ADHESION, drug effects/ CHROMIUM ISOTOPES/ *COLLAGEN/ HUMAN/ IN VITRO/ *PENICILLIN G, pharmacodynamics/ *PLATELET ADHESIVENESS, drug effects/ RABBITS/ SEROTONIN, metabolism/ SWINE/ THROMBIN, pharmacodynamics/ TRITIUM

1224. **Cazenave PA, Oudin J:** L'idiotypie des anticorps qui, dans le sérum d'un lapin immunisé contre le fibrinogène humain, sont dirigés contre deux fragments distincts de cet antigéne.
C R Acad Sci [D] (Paris) 276:243-5, 8 Jan 73 (Fre)
ADSORPTION/ ANIMAL EXPERIMENTS/ *ANTIBODY SPECIFICITY/ *ANTIGEN-ANTIBODY REACTIONS/ *ANTIGENIC DETERMINANTS/ FIBRINOGEN/ GEL DIFFUSION TESTS/

HUMAN/ IGG/ IMMUNE SERUMS/ IMMUNOLOGIC TECHNICS/ RABBITS

1225. **Cazzullo CL, Andreola ML, Invernizzi G, et al:** Experimental epilepsy: a histochemical and ultrastructural study.
Arzneim Forsch 23:531-7, Apr 73
AESCULUS, therapeutic use/ ANIMAL EXPERIMENTS/ BRAIN EDEMA, complications/ BRAIN EDEMA, drug therapy/ *BRAIN EDEMA, pathology/ CHONDROITIN, analysis/ CONVULSIONS, etiology/ *CONVULSIONS, pathology/ ELECTROENCEPHALOGRAPHY/ ENCEPHALOMYELITIS, ALLERGIC/ *ENCEPHALOMYELITIS, ALLERGIC, pathology/ FEMALE/ MALE/ MICROSCOPY, ELECTRON/ NEUROGLIA/ NEURONS/ RABBITS

1226. **Cedergren B:** Separering och blodkomponentterapi.
Lakartidningen 69:Suppl 4:59-64, 27 Dec 72 (Swe)
BLOOD BANKS/ *BLOOD PLATELETS/ BLOOD PLATELETS, isolation & purification/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ CELL SEPARATION/ CYTOLOGICAL TECHNICS/ ENGLISH ABSTRACT/ *ERYTHROCYTES/ HEMATOCRIT/ HUMAN/ *LEUKOCYTES/ LEUKOCYTES, analysis/ METHODS

1227. **Celada F, Strom R:** Antibody-induced conformational changes in proteins. Q Rev Biophys 5:395-425, Aug 72
*ANTIBODIES/ ANTIGENIC DETERMINANTS/ BINDING SITES, ANTIBODY/ CATALASE/ GALACTOSIDASE/ HAPTENS/ HEAT/ HEMEPROTEINS/ HEMOGLOBIN/ MUTATION/ MYOGLOBIN/ PENICILLINASE/ PEPTIDE PEPTIDOHYDROLASES/ PEPTIDES/ PROTEIN BINDING/ *PROTEIN CONFORMATION/ PROTEIN DENATURATION/ REVIEW/ RIBONUCLEASE/ RIBOSOMES

1228. **Celestino D, Drettner B, Fagerberg E, et al:** Determination of 5 -hydroxy-indolacetic-acid (5 -HIAA) in urine and nasal mucus in provoked allergic rhinitis. Acta Allergol (Kbh) 27:264-72, Sep 72
ADOLESCENCE/ ADULT/ ALLERGENS, diagnostic use/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CREATININE, urine/ DIURESIS/ ELECTROPHORESIS, PAPER/ FEMALE/ *HAY FEVER, metabolism/ HAY FEVER, urine/ HUMAN/ HYDROXYINDOLEACETIC ACID, analysis/ *HYDROXYINDOLEACETIC ACID, metabolism/ HYDROXYINDOLEACETIC ACID, urine/ MALE/ NASAL MUCOSA, analysis/ *NASAL MUCOSA, metabolism/ POLLEN/ TIME FACTORS

1229. **Cells JE, Smith JD, Brenner S:** Correlation between genetic and translational maps of gene 23 in bacteriophage T4.
Nature [New Biol] 241:130-2, 31 Jan 73
CARBON ISOTOPES/ *CHROMOSOME MAPPING/ *COLIPHAGES, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ESCHERICHIA COLI/ *GENES, STRUCTURAL/ LYSOGENY/ MOLECULAR WEIGHT/ MUTATION/ PEPTIDES, analysis/ PROTEIN PRECURSORS, analysis/ RECOMBINATION, GENETIC/ *TRANSLATION, GENETIC/ TRYPSIN, metabolism/ VIRAL PROTEINS, analysis/ VIRAL PROTEINS, biosynthesis/ VIRAL PROTEINS, metabolism

1230. **Cencora A, Gurak A:** Aktywność fibrynolityczna euglobulin osoczowych u chorych po urazach ośrodkowego układu nerwowego.
Przegl Lek 30:298-302, 1973 (Pol)
ADOLESCENCE/ ADULT/ AGED/ BLOOD COAGULATION TESTS/ *BRAIN CONCUSSION, blood/ *BRAIN INJURIES, ACUTE, blood/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ *SERUM GLOBULINS, analysis

1231. **Cenedella RJ:** Clofibrate and nafenopin (SU-13437): effects on plasma clearance and tissue distribution of chylomicron triglyceride in the dog.
Lipids 7:644-52, Oct 72
ADIPOSE TISSUE, drug effects/ ADIPOSE TISSUE, enzymology/ ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ *ANTILIPEMIC AGENTS, pharmacodynamics/ CARBON ISOTOPES/ CHYLOMICRONS, blood/ *CHYLOMICRONS, metabolism/ *CLOFIBRATE, pharmacodynamics/ DOGS/ FASTING/ LIPOPROTEIN LIPASE, antagonists & inhibitors/ LIPOPROTEIN LIPASE, metabolism/ LIVER, drug effects/ LIVER, metabolism/ MALE/ MUSCLES, drug effects/ MUSCLES, enzymology/ MUSCLES, metabolism/ NAFENOPIN, pharmacodynamics/ PALMITIC ACID, metabolism/ PROPIONATES, pharmacodynamics/ SODIUM CHLORIDE/ TRIGLYCERIDES, blood/ *TRIGLYCERIDES, metabolism

1232. **Cepeláková H, Cepelák V, Sova J:** Prognostický význam některých koagulačních změn u srdečního infarktu.
Vnitr Lek 19:478-86, May 73 (Cze)
ADULT/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ MIDDLE AGE/ *MYOCARDIAL INFARCT, blood/ PROGNOSIS/ THROMBELASTOGRAPHY

1233. **Cerný M, Kotásek A, Bráza J, et al:** Prenatální určení pohlaví dítěte. Cesk Gynekol 37:524-6, Sep 72 (Cze)
AMNIOCENTESIS/ CYTOGENETICS/ FEMALE/ *FETUS/ HEMOPHILIA, prevention & control/ HUMAN/ PREGNANCY/ SEX CHROMATIN, analysis/ *SEX DETERMINATION/ ULTRASONICS, diagnostic use

1234. **Cervantes J:** Tromboflebitis de los miembros inferiores. Diagnóstico y tratamiento.
Arch Inst Cardiol Mex 43:161-8, Jan-Feb 73 (Spa)
BANDAGES/ BODY TEMPERATURE/ DEXTRAN, therapeutic use/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN/ *LEG, blood supply/ REST/ *THROMBOPHLEBITIS/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, therapy

1235. **Cervantes J, Alvarez Ahedo A, Fernández JM:** Embolia grasa.
Arch Inst Cardiol Mex 43:319-24, Mar-Apr 73 (Spa)
ADOLESCENCE/ BLOOD TRANSFUSION/ CALCIUM, therapeutic use/ CASE REPORT/ DEXTRAN, therapeutic use/ *EMBOLISM, FAT/ EMBOLISM, FAT, drug therapy/ EMBOLISM, FAT, etiology/ EMBOLISM, FAT, therapy/ ENGLISH ABSTRACT/ *FEMORAL FRACTURES, complications/ GLUCOCORTICOIDS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ LIGATION/ MALE/ OXYGEN INHALATION THERAPY

1236. **Cervenka J, Thorn HL, Gorlin RJ:** Structural basis of banding pattern of human chromosomes.
Cytogenet Cell Genet 12:81-6, 1973
CHROMATIN/ *CHROMOSOMES/ CYTOLOGICAL TECHNICS/ HUMAN/ LEUKOCYTES, cytology/ MICROSCOPY, ELECTRON/ MICROSCOPY, PHASE CONTRAST/ MITOSIS/ STAINS AND STAINING/ TRYPSIN

1237. **Cesari IM, Weigert M:** Mouse lambda-chain sequences.
Proc Natl Acad Sci USA 70:2112-6, Jul 73
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ CHROMATOGRAPHY/ CHYMOTRYPSIN/ ELECTROPHORESIS/ HYDROLYSIS/ IGA, analysis/ *IMMUNOGLOBULIN FRAGMENTS, analysis/ IMMUNOGLOBULIN FRAGMENTS, isolation & purification/ MICE/ MICE, INBRED BALB C/ MYELOMA PROTEINS, analysis/ NEOPLASMS, EXPERIMENTAL, metabolism/ PEPTIDES, analysis/ *PLASMACYTOMA, metabolism/ THERMOLYSIN/ TRYPSIN

1238. **Chadd MA, Gray OP:** Hypothermia and coagulation defects in the newborn.

Arch Dis Child 47:819-21, Oct 72
APGAR SCORE/ BIRTH WEIGHT/ BLOOD CELL COUNT/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ FIBRIN, analysis/ GESTATIONAL AGE/ HUMAN/ *HYPOTHERMIA, complications/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ MALE

1239. **Chaiken IM, Sánchez GR:** Active site properties of (aspartic acid 43)-semisynthetic nuclease-T'.
J Biol Chem 247:6743-7, 10 Nov 72
ASPARTIC ACID/ BINDING SITES/ CALCIUM/ CARBON ISOTOPES/ CATALYSIS/ CHEMISTRY/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN LAYER/ DIALYSIS/ FLUORESCENCE SPECTROMETRY/ GLUTAMATES/ NITRILES/ ORGANOPHOSPHORUS COMPOUNDS/ *PHOSPHATASES/ POLYSACCHARIDES/ PROTEIN BINDING/ PROTEIN CONFORMATION/ *STAPHYLOCOCCUS, enzymology/ THYMIDINE/ THYMINE NUCLEOTIDES/ THYMINE NUCLEOTIDES, chem synthesis/ TRYPSIN

1240. **Chain F, Lesèvre N, Leblanc M, et al:** Etude topographique des réponses évoquées visuelles dans un cas de lobectomie occipitale.
Rev Neurol (Paris) 126:372-8, May 72 **(Fre)**
*BRAIN NEOPLASMS, surgery/ CEREBRAL ANGIOGRAPHY/ *CEREBRAL CORTEX, physiology/ ELECTROENCEPHALOGRAPHY/ EVOKED POTENTIALS/ FEMALE/ *HEMANGIOMA, surgery/ HUMAN/ MIDDLE AGE/ *OCCIPITAL LOBE, surgery/ PHOTIC STIMULATION/ VISION TESTS/ VISUAL FIELDS

1241. **Chajek T, Fainaru M:** Behçet's disease with decreased fibrinolysis and superior vena caval occlusion.
Br Med J 1:782-3, 31 Mar 73
ADULT/ *BEHCET'S SYNDROME, complications/ *BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION TESTS/ FACTOR VIII/ FIBRINOGEN/ *FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ MALE/ PHLEBOGRAPHY/ SERUM GLOBULINS/ *THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, radiography/ *VENA CAVA, SUPERIOR

1242. **Chamberlin M, Ring J:** Characterization of T7-specific ribonucleic acid polymerase. II. Inhibitors of the enzyme and their application to the study of the enzymatic reaction. J Biol Chem 248:2245-50, 25 Mar 73
ANTIBIOTICS/ BINDING SITES/ *COLIPHAGES, enzymology/ CYTOSINE NUCLEOTIDES/ DACTINOMYCIN/ DNA, VIRAL, radiation effects/ ESCHERICHIA COLI, enzymology/ HEPARIN/ INOSINE NUCLEOTIDES/ OSMOLAR CONCENTRATION/ PHOSPHORUS ISOTOPES/ POLY U/ POLYNUCLEOTIDES/ POTASSIUM CHLORIDE/ RADIATION EFFECTS/ RIFAMPIN/ *RNA POLYMERASE, antagonists & inhibitors/ RNA, VIRAL/ SODIUM CHLORIDE/ STREPTOVARICINS/ TEMPLATES/ TRANSCRIPTION, GENETIC, drug effects/ TRITIUM/ ULTRAVIOLET RAYS

1243. **Champion HR, Gill W:** Arterial embolus to the upper limb. Br J Surg 60:505-8, Jul 73
AGED/ *ARM, blood supply/ AXILLARY ARTERY/ BRACHIAL ARTERY/ CATHETERIZATION/ *EMBOLISM, surgery/ FEMALE/ HAND, blood supply/ HEPARIN, therapeutic use/ HUMAN/ ISCHEMIA/ MALE/ MIDDLE AGE/ PULSE

1244. **Chan KK, Lewis RJ, Trager WF:** Absolute configurations of the four warfarin alcohols.
J Med Chem 15:1265-70, Dec 72
ADMINISTRATION, ORAL/ ALCOHOLS, administration & dosage/ *ALCOHOLS, chem synthesis/ ALCOHOLS, pharmacodynamics/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION FACTORS, analysis/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ DEUTERIUM/ HUMAN/ ISOTOPE LABELING/ KINETICS/ MASS SPECTRUM ANALYSIS/ MOLECULAR CONFORMATION/ NUCLEAR MAGNETIC RESONANCE/ OPTICAL ROTATION/ PROTHROMBIN TIME/ SPECTROPHOTOMETRY, INFRARED/ SPECTROPHOTOMETRY, ULTRAVIOLET/ STEREOISOMERS/ WARFARIN, administration & dosage/ *WARFARIN, chem synthesis/ WARFARIN, pharmacodynamics

1245. **Chan NH, Chaloupka J:** Regulation of the formation of proteinases in Bacillus megaterium. V. Characterization of two megateriopoteinases differing in the control of their synthesis.
Folia Microbiol (Praha) 17:281-90, 1972
ALCOHOL, ETHYL/ AMMONIUM SULFATE/ *BACILLUS MEGATERIUM, enzymology/ BACILLUS MEGATERIUM, growth & development/ CALCIUM, pharmacodynamics/ CASEIN, metabolism/ CHLOROMERCURIBENZOATES, pharmacodynamics/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CULTURE MEDIA/ EDTA, pharmacodynamics/ GEL FILTRATION/ HEMOGLOBIN, metabolism/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ ISOFLUROPHATE, pharmacodynamics/ MAGNESIUM, pharmacodynamics/ *PEPTIDE HYDROLASES, biosynthesis/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ PHENANTHROLINES, pharmacodynamics/ PRECIPITATION/ SPORES, BACTERIAL, growth & development/ SUCROSE/ TEMPERATURE

1246. **Chan NH, Chaloupka J:** Regulation of the formation of proteinases in Bacillus megaterium. VI. Some physicochemical properties of the proteinases from sporogenic and asporogenic Bacillus megaterium KM.
Folia Microbiol (Praha) 17:347-52, 1972
*BACILLUS MEGATERIUM, enzymology/ BACILLUS MEGATERIUM, growth & development/ CELL-FREE SYSTEM/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS/ ELECTROPHORESIS, PAPER/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ ISOELECTRIC FOCUSING/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ SPORES, BACTERIAL, growth & development

1247. **Chan PC, Hahn GM:** Control of proliferation in two cell lines in vitro. Biophysik 9:70-84, 1972
BIOLOGICAL TRANSPORT/ CELL COUNT/ *CELL DIVISION/ *CELL LINE/ CELL MEMBRANE PERMEABILITY/ *CONTACT INHIBITION/ CULTURE MEDIA/ FIBROBLASTS/ GROWTH SUBSTANCES/ HAMSTERS/ IMMUNE SERUMS/ MITOSIS/ MODELS, BIOLOGICAL/ OVARY/ RATS, embryology/ TRYPSIN

1248. **Chan PH, Wildman SG:** Chloroplast DNA codes for the primary structure of the large subunit of fraction I protein. Biochim Biophys Acta 277:677-80, 14 Sep 72
AMINO ACID SEQUENCE/ AMINO ACIDS, metabolism/ CELL NUCLEUS/ *CHLOROPLASTS, analysis/ CHROMATOGRAPHY, PAPER/ CROSSES, GENETIC/ *DNA, metabolism/ ELECTROPHORESIS, PAPER/ EVOLUTION/ GEL FILTRATION/ *GENETIC CODE/ HYBRIDIZATION/ PEPTIDES, analysis/ PLANT PROTEINS, analysis/ *PLANT PROTEINS, isolation & purification/ SPECIES SPECIFICITY/ TOBACCO, analysis/ TRYPSIN

1249. **Chan SH, Metcalf D:** Local production of

colony-stimulating factor within the bone marrow: role of nonhematopoietic cells.
Blood 40:646-53, Nov 72
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *BONE MARROW/ BONE MARROW, radiation effects/ CELLS, CULTURED/ FEMALE/ *HEMATOPOIESIS/ HEMATOPOIETIC STEM CELLS/ IRON ISOTOPES/ MALE/ MICE/ MICE, INBRED C57BL/ REGENERATION/ RIBS/ TIBIA/ TRYPSIN, pharmacodynamics

1250. **Chan SK:** Alpha 1-antitrypsin in sera of inbred mice.
Arch Environ Health 27:272, Oct 73
ANIMAL EXPERIMENTS/ MICE/ MICE, INBRED STRAINS/ *TRYPSIN INHIBITORS, blood

1251. **Chanarin I, Walford DM:** Thrombocytopenic purpura in cytomegalovirus mononucleosis.
Lancet 1:238-9, 4 Aug 73
ADULT/ ANTIBODIES, VIRAL, analysis/ *CYTOMEGALIC INCLUSION DISEASE, complications/ CYTOMEGALIC INCLUSION DISEASE, immunology/ CYTOMEGALOVIRUSES, isolation & purification/ EPISTAXIS, etiology/ HUMAN/ MALE/ *PURPURA, THROMBOPENIC, complications/ PURPURA, THROMBOPENIC, etiology

1252. **Chandler PA, Simmons RJ:** Gonioscopy during surgery for aphakic eyes with pupillary block.
Am J Ophthalmol 74:571-80, Oct 72
ADHESIONS, complications/ ADHESIONS, etiology/ ADULT/ AGED/ *ANTERIOR CHAMBER, surgery/ AQUEOUS HUMOR, physiology/ *CATARACT EXTRACTION/ EYE DISEASES, complications/ EYE DISEASES, etiology/ FEMALE/ *GLAUCOMA, etiology/ *GONIOSCOPY/ HUMAN/ INJECTIONS/ INTRAOCULAR PRESSURE/ IRIS, surgery/ MALE/ MEMBRANES, surgery/ METHODS/ MIDDLE AGE/ *PUPIL/ SALTS/ VITREOUS BODY, surgery

1253. **Chandra R, Abraham J:** Preliminary studies on in vitro and in vivo effects of 50 per cent hypaque on coagulation in man. Angiology 24:199-204, Apr 73
BLOOD CELL COUNT/ *BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, drug effects/ CALCIUM, blood/ CEREBRAL ANGIOGRAPHY/ CLOT RETRACTION/ *DIATRIZOATE, pharmacodynamics/ FIBRINOGEN, analysis/ FIBRINOLYSIS, drug effects/ HUMAN/ IN VITRO/ PROTHROMBIN TIME

1254. **Chandra RK, Malkani PK, Bhasin K:** Serum levels of 2 -macroglobulin and IgG and cryofibrinogenemia in pregnancy. Obstet Gynecol 41:56-9, Jan 73
*ALPHA GLOBULIN, analysis/ *COLD/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ FEMALE/ *FIBRINOGEN, analysis/ GESTATIONAL AGE/ HUMAN/ *IGG, analysis/ *MACROGLOBULINS, analysis/ *PREGNANCY/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, diagnosis/ SERUM ALBUMIN, analysis/ TRANSFERRIN, analysis

1255. **Chang TM, Coffey JF, Lister C, et al:** Methaqualone, methyprylon, and glutethimide clearance by the ACAC microcapsule artificial kidney: in vitro and in patients with acute intoxication.
Trans Am Soc Artif Intern Organs 19:87-91, 1973
ADULT/ CELLULOSE/ CHARCOAL/ FEMALE/ *GLUTETHIMIDE, blood/ GLUTETHIMIDE, poisoning/ HEMODIALYSIS/ HEPARIN, administration & dosage/ HUMAN/ INJECTIONS, INTRAVENOUS/ KIDNEY, ARTIFICIAL/ *KIDNEY, ARTIFICIAL/ MALE/ *METHAQUALONE, blood/ METHAQUALONE, poisoning/ *METHYPRYLON, blood/ METHYPRYLON, poisoning/ MIDDLE AGE/ NITRATES/ POISONING, therapy/ SERUM ALBUMIN/ TIME FACTORS

1256. **Chany C, Grégoire A, Vignal M, et al:** Mechanism of interferon uptake in parental and somatic monkey-mouse hybrid cells.
Proc Natl Acad Sci USA 70:557-61, Feb 73
CLONE CELLS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ EDTA, pharmacodynamics/ ENCEPHALOMYOCARDITIS VIRUSES, drug effects/ ENCEPHALOMYOCARDITIS VIRUSES, growth & development/ HUMAN/ *HYBRID CELLS, metabolism/ HYBRID CELLS, microbiology/ HYDROGEN-ION CONCENTRATION/ INTERFERON, biosynthesis/ INTERFERON, blood/ *INTERFERON, metabolism/ INTERFERON, pharmacodynamics/ L CELLS, metabolism/ LEUKOCYTES, analysis/ MICE/ MONKEYS/ NEWCASTLE DISEASE VIRUS, drug effects/ NEWCASTLE DISEASE VIRUS, growth & development/ PLAQUE ASSAY/ TRYPSIN, pharmacodynamics/ VESICULAR STOMATITIS VIRUS, drug effects/ VESICULAR STOMATITIS VIRUS, growth & development/ VIRUS CULTIVATION

1257. **Chapel HM:** The effects of papain, trypsin and phospholipase A on rosette formation.
Transplantation 15:320-5, Mar 73
ERYTHROCYTES, immunology/ HUMAN/ *IMMUNE ADHERENCE REACTION/ LYMPHOCYTES, immunology/ *PAPAIN/ *PHOSPHOLIPASE/ RATS/ SHEEP/ TIME FACTORS/ *TRYPSIN

1258. **Chaplin H Jr, Cohen R, Bloomberg G, et al:** Pregnancy and idiopathic autoimmune haemolytic anaemia: a prospective study during 6 months gestation and 3 months post-partum. Br J Haematol 24:219-29, Feb 73
ADULT/ AMNIOTIC FLUID, analysis/ *ANEMIA, HEMOLYTIC, AUTOIMMUNE, complications/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, drug therapy/ AUTOANTIBODIES/ BILIRUBIN, analysis/ COLD/ COMPLEMENT/ CREATININE, analysis/ ESTRIOL, urine/ FEMALE/ HEMOGLOBINOMETRY/ HEMOLYSIS/ HUMAN/ IGG/ INFANT, NEWBORN/ LECITHINS, analysis/ PRECIPITIN TESTS/ PREDNISONE, therapeutic use/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PROSPECTIVE STUDIES/ PUERPERIUM/ SPHINGOMYELINS, analysis/ THROMBOPENIA, etiology/ UMBILICAL CORD

1259. **Chappell J:** Pancreatic tumour in infants.
S Afr J Surg 11:41, Mar 73
CASE REPORT/ DUODENUM, surgery/ *HEMANGIOENDOTHELIOMA, surgery/ HUMAN/ INFANT/ PANCREATECTOMY/ *PANCREATIC NEOPLASMS, surgery

1260. **Chappell JS:** Case reports. Benign hemangioendothelioma of the head of the pancreas treated by pancreaticoduodenectomy.
J Pediatr Surg 8:431-2, Jun 73
CASE REPORT/ CHOLANGIOGRAPHY/ DUODENUM, surgery/ GASTROSTOMY/ HEMANGIOMA, complications/ HEMANGIOMA, surgery/ HUMAN/ INFANT/ JAUNDICE, OBSTRUCTIVE, etiology/ MALE/ METHODS/ PANCREATECTOMY/ PANCREATIC NEOPLASMS, complications/ *PANCREATIC NEOPLASMS, surgery/ POSTOPERATIVE COMPLICATIONS

1261. **Charkes ND:** Scaler v. ratemeter for 125 I-fibrinogen scanning. Lancet 813:1191, 23 May 73
*FIBRINOGEN/ HUMAN/ IODINE ISOTOPES/ *RADIOISOTOPE SCANNING, instrumentation

1262. **Charkes ND:** Scaler v. ratemeter for 125 I-fibrinogen scanning. Lancet 1:1191, 26 May 73
*FIBRINOGEN/ HUMAN/ IODINE ISOTOPES/ *RADIOISOTOPE SCANNING, instrumentation

1263. **Charles O, Coolsaet B:** Prévention des hémorragies en chirurgie prostatique. A propos de l'étude de l'activité hémostatique dans la prostatectomie d'une nouvelle molécule: la mono-semicarbazone de la beta naphtoquinone (naftazone.
Ann Urol (Paris) 6:209-12, Sep 72 (Fre)
AGED/ CLINICAL RESEARCH/ ENGLISH

ABSTRACT/ *HEMORRHAGE, prevention & control/ HEMOSTATICS, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *NAPHTHOQUINONES, therapeutic use/ PLACEBOS/ PREOPERATIVE CARE/ *PROSTATECTOMY/ *SEMICARBAZIDES, therapeutic use/ SEMICARBAZONES, therapeutic use/ STATISTICS

1264. **Charlin C:** Erreurs de diagnositic clinique dans certaines tumeurs endoculaires malignes.
Arch Ophtalmol (Paris) 33:103-8, Feb 73 **(Fre)**
ADENOCARCINOMA, diagnosis/ CHOROID NEOPLASMS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ *DIAGNOSTIC ERRORS/ ENGLISH ABSTRACT/ *EYE DISEASES, diagnosis/ *EYE NEOPLASMS, diagnosis/ HEMANGIOMA, diagnosis/ HUMAN/ MELANOMA, diagnosis/ METHODS/ RETINA/ RETINOBLASTOMA, diagnosis/ UVEITIS, diagnosis

1265. **Charmasson R, Sicardi F:** Modification des propriétés physicochimiques des biopolymères sanguins en hyperbarie gazeuse.
C R Acad Sci [D] (Paris) 275:1637-40, 9 Oct 72 **(Fre)**
ATMOSPHERE EXPOSURE CHAMBERS/ ATMOSPHERIC PRESSURE/ *BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION TESTS/ DIVING/ ERYTHROCYTE COUNT/ ERYTHROCYTES, physiology/ HELIUM, blood/ HEMATOCRIT/ HUMAN/ *HYPERBARIC OXYGENATION/ MEMBRANES, ARTIFICIAL/ OSMOTIC PRESSURE/ OXYGEN, blood/ PRESSURE/ THROMBELASTOGRAPHY

1266. **Charnley J:** Postoperative infection after total hip replacement with special reference to air contamination in the operating room.
Clin Orthop 87:167-87, Sep 72
ACRYLIC RESINS/ *AIR MICROBIOLOGY/ ANTICOAGULANTS, therapeutic use/ *ARTHROPLASTY/ BONE CEMENTS/ GLOVES, SURGICAL/ *HIP, surgery/ HUMAN/ JOINT PROSTHESIS/ *OPERATING ROOMS/ PROTEUS INFECTIONS, prevention & control/ PSEUDOMONAS INFECTIONS, prevention & control/ STAPHYLOCOCCAL INFECTIONS, prevention & control/ STREPTOCOCCAL INFECTIONS, prevention & control/ *SURGICAL WOUND INFECTION/ SURGICAL WOUND INFECTION, prevention & control/ SUTURE TECHNICS/ VENTILATION

1267. **Charnot Y, Desmaris-Delécraz D, Pérès G:** Effets du silicium minéral exogène sur les constituants inorganiques de certains tissus de lapins athéromateux.
C R Soc Biol (Paris) 166:996-1000, 1972 **(Fre)**
ANIMAL EXPERIMENTS/ *AORTA, analysis/ AORTA, drug effects/ *ARTERIOSCLEROSIS/ BONE AND BONES, analysis/ BONE RESORPTION, drug effects/ *CALCIUM, analysis/ CALCIUM, blood/ CALCIUM, metabolism/ DIET, ATHEROGENIC/ *MAGNESIUM, analysis/ MAGNESIUM, blood/ MAGNESIUM, metabolism/ MALE/ *OSSIFICATION, PHYSIOLOGIC, drug effects/ *PHOSPHORUS, analysis/ PHOSPHORUS, metabolism/ RABBITS/ SILICA, analysis/ SILICA, blood/ *SILICA, pharmacodynamics/ SPECTROPHOTOMETRY, ATOMIC ABSORPTION

1268. **Chase PS:** The effects of human serum fractions on phytohemagglutinin- and concanavalin A-stimulated human lymphocyte cultures.
Cell Immunol 5:544-54, Dec 72
ACETIC ACIDS/ ALPHA GLOBULIN, analysis/ AMMONIUM SULFATE/ CELLS, CULTURED/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CONCANAVALIN A, pharmacodynamics/ GEL FILTRATION/ GLYCOPROTEINS, analysis/ HUMAN/ IMMUNE SERUMS, analysis/ *IMMUNE SERUMS, pharmacodynamics/ *LYMPHOCYTE TRANSFORMATION/ PEPTIDE HYDROLASES, metabolism/ PLANT AGGLUTININS, pharmacodynamics/ PRECIPITATION/ RABBITS, immunology/ RIBONUCLEASE, metabolism/ THYMIDINE, metabolism/ TRITIUM

1269. **Chataing B:** Le sang et ses dérivés dans le traitement des syndromes hémorragiques.
Lyon Med 19:Suppl:143-50, Apr 72 **(Fre)**
BLOOD PLATELETS/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ BLOOD TRANSFUSION, adverse effects/ *HEMORRHAGE, therapy/ HUMAN/ PLASMA

1270. **Chataing B, Revol L:** Les indications des concentrés globulaires et plaquettaires.
Rev Prat 22:1453-4 passim, 21 Mar 72 **(Fre)**
ABO FACTORS/ ANEMIA, therapy/ ANEMIA, APLASTIC, therapy/ ANEMIA, HEMOLYTIC, therapy/ ANEMIA, HYPOCHROMIC, therapy/ ANEMIA, PERNICIOUS, therapy/ BACTERIAL INFECTIONS, therapy/ BLOOD PLATELETS/ BLOOD PRESERVATION/ BLOOD TRANSFUSION/ CELL SURVIVAL/ ERYTHROCYTES/ HEMORRHAGE, therapy/ LEUKEMIA, therapy/ LEUKOCYTES/ LEUKOPENIA, therapy/ SPECIAL LIST FOREIGN/ TISSUE EXTRACTS, administration & dosage/ TISSUE EXTRACTS, isolation & purification

1271. **Chatterjee S, Walker IO:** The modification of deoxyribonucleohistone by trypsin and chymotrypsin. Eur J Biochem 34:519-26, 2 May 73
CATTLE/ CHYMOTRYPSIN/ CIRCULAR DICHROISM/ DENSITOMETRY/ DNA/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *HISTONES, analysis/ MACROMOLECULAR SYSTEMS/ MOLECULAR CONFORMATION/ *NUCLEOPROTEINS, analysis/ PEPTIDES, analysis/ PROTEIN BINDING/ PROTEIN DENATURATION/ THYMUS GLAND, analysis/ TRYPSIN/ VISCOSITY

1272. **Chatterjee SK:** Peritoneal adhesions.
J Indian Med Assoc 58:382-3, 16 May 72
ADHESIONS, etiology/ ADHESIONS, prevention & control/ HUMAN/ *PERITONEAL DISEASES/ PERITONEAL DISEASES, etiology/ PERITONEAL DISEASES, prevention & control

1273. **Chaudhry AA, Sagone AL Jr, Metz EN, et al:** Relationship of glucose oxidation to aggregation o human platelets. Blood 41:249-58, Feb 73
ADENOSINE DIPHOSPHATE, pharmacodynamics/ BLOOD PLATELETS, metabolism/ CARBON DIOXIDE, metabolism/ CARBON ISOTOPES/ COLLAGEN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ *GLUCOSE, metabolism/ HEXOSEPHOSPHATES/ HUMAN/ KREBS CYCLE, drug effects/ MALONATES, pharmacodynamics/ *PLATELET ADHESIVENESS/ THROMBIN, pharmacodynamics

1274. **Chaudhuri MR, Eastham WN, Fredriksz PA:** Pulmonary blastoma with diverse mesenchyma proliferation. Thorax 27:487-91, Jul 72
ADULT/ FIBROSARCOMA, pathology/ HEMANGIOPERICYTOMA, pathology/ HUMAN/ LEIOMYOSARCOMA, pathology/ LUNG, pathology/ LUNG NEOPLASMS, complications/ *LUNG NEOPLASMS, pathology/ MALE/ MYXOSARCOMA, pathology/ PLEURAL EFFUSION, etiology

1275. **Chaudhuri S:** Lipides sériques et tests de coagulatio dans les maladies des coronaires.
Pathol Biol (Paris) 20:881-6, Nov 72 **(Fr**
ANGINA PECTORIS, blood/ BLOOD COAGULATION DISORDERS/ *BLOOD COAGULATION TESTS/ *CHOLESTEROL, blood/ *CORONARY DISEASE, blood/ ENGLISH ABSTRACT/ HUMAN/ MYOCARDIAL INFARCT, blood/ STATISTICS/ *TRIGLYCERIDES, blood

1276. **Chauhan ND, Baird DS:** Skeletal muscle haemangiom An unusual case and a short review of the literatu
J Ir Med Assoc 66:291-3, 9 Jun 73

CHILD/ FEMALE/ FOREARM/ *HEMANGIOMA, pathology/ HEMANGIOMA, surgery/ HEMANGIOMA, CAVERNOUS, pathology/ HUMAN/ MUSCLES, pathology/ *MUSCULAR DISEASES/ THIGH

1277. **Chauvel Y, Ollivier Y, Jouan P, et al:** Méthode simple d'extraction et d'isolement de la 5-hydroxytryptamine (sérotonine) des plaquettes du sang.
Ann Biol Clin (Paris) 31:231-6, 1973 **(Fre)**
ACETONE/ ALCOHOL, ETHYL/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, analysis/ ENGLISH ABSTRACT/ FLUORESCENCE SPECTROMETRY/ GEL FILTRATION/ HUMAN/ MALE/ METHODS/ RATS/ *SEROTONIN, blood/ *SEROTONIN, isolation & purification

1278. **Chawla JC:** Traumatic central retinal artery occlusion.
Trans Ophthalmol Soc UK 92:777-84, 1972
ADULT/ CHOROID/ CILIARY BODY/ FLUORESCENCE ANGIOGRAPHY/ HEMATOMA, complications/ HUMAN/ MALE/ *RETINAL ARTERY, injuries/ RETINAL VEIN

1279. **Chayen J, Bitensky L, Butcher RG, et al:** The effect of experimentally induced redox changes on human rheumatoid and non-rheumatoid synovial tissue in vitro.
Beitr Pathol 149:127-44, Jun 73
*ARTHRITIS, RHEUMATOID, physiopathology/ ASCORBIC ACID/ CYTOPLASM/ EXTRACELLULAR SPACE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LYSOSOMES/ NADP/ *OXIDATION-REDUCTION/ *SYNOVIAL MEMBRANE, physiopathology/ TISSUE CULTURE/ VITAMIN K

1280. **Chayen J, Loveridge N, Ubhi GS:** The use of menadione as an intermediate hydrogen-carrier for measuring cytoplasmic dehydrogenating enzyme activities.
Histochemie 35:75-80, 1973
ADRENAL GLANDS, cytology/ ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ *CYTOPLASM, enzymology/ FEMALE/ GUINEA PIGS/ HISTOCYTOCHEMISTRY/ LIVER, cytology/ LIVER, enzymology/ *OXIDOREDUCTASES, metabolism/ RATS/ *VITAMIN K

1281. **Chazov EI, Andreenko GV, Liutova LV, et al:** Osobennosti dinamiki soderzhaniia fibrinogena i pokazaetelei fibrinoliza v krovi iz koronarnogo rusla cheloveka.
Klin Med (Mosk) 50:24-9, Dec 72 **(Rus)**
ANGIOGRAPHY/ *CORONARY CIRCULATION/ CORONARY DISEASE, blood/ ENGLISH ABSTRACT/ *FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HEART CATHETERIZATION/ HUMAN

1282. **Chebotareva NM, Kandel' EI:** Analiz effektivnosti khirurgicheskogo lecheniia gemorragicheskikh insul'tov v azvisimosti ot dinamiki narushenii soznaniia do operatsii.
Vopr Neirokhir 37:9-14, Jan-Feb 73 **(Rus)**
ADULT/ AGED/ CEREBRAL HEMORRHAGE, complications/ CEREBRAL HEMORRHAGE, diagnosis/ *CEREBRAL HEMORRHAGE, surgery/ COMA, etiology/ ENGLISH ABSTRACT/ HEMATOMA/ HEMIPLEGIA, etiology/ HUMAN/ INFARCTION/ MIDDLE AGE/ NEPHRITIS, complications/ NEPHROSCLEROSIS, complications/ PARALYSIS, etiology/ POSTOPERATIVE COMPLICATIONS, mortality/ PROGNOSIS/ RECURRENCE/ SEPTICEMIA, mortality/ UREMIA, mortality

1283. **Chebotareva VD, Koshel'-Pleskunova EI, Revunova EN:** Stan koahuliatsiinoi i antykoahuliatsiinoi system krovi pry zakhvoriuvanniakh zhovchnoho mikhura i zhovchnykh shliakhiv u ditei.
Pediatr Akush Ginekol 6:21-2, 1972 **(Ukr)**
ADOLESCENCE/ *BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ CHILD/ CHILD, PRESCHOOL/ *CHOLANGITIS, blood/ *CHOLECYSTITIS, blood/ FEMALE/ HUMAN/ MALE

1284. **Chen SH, Giblett ER, Motulsky AG:** Some red cell enzyme phenotype frequencies in Chinese.
Humangenetik 17:341-3, 1973
ADENOSINE/ ALANINE AMINOTRANSFERASE, blood/ AMINOHYDROLASES, blood/ ASPARTATE AMINOTRANSFERASE, blood/ *ERYTHROCYTES, enzymology/ GENE FREQUENCY/ HUMAN/ INDOPHENOL/ ISOCITRATE DEHYDROGENASE, blood/ MALE/ OXIDOREDUCTASES, blood/ PEPTIDE HYDROLASES, blood/ PHOSPHOGLYCERATE KINASE, blood/ *POLYMORPHISM (GENETICS)/ TAIWAN

1285. **Chen TR, McMorris FA, Creagan R, et al:** Assignment of the genes for malate oxidoreductase decarboxylating to chromosome 6 and peptidase B and lactate dehydrogenase B to chromosome 12 in man.
Am J Hum Genet 25:200-7, Mar 73
ANIMAL EXPERIMENTS/ *CHROMOSOMES, HUMAN, 6-12/ CLONE CELLS/ *GENETIC CODE/ HUMAN/ HYBRID CELLS/ KARYOTYPING/ *LACTATE DEHYDROGENASE, analysis/ *MALATE DEHYDROGENASE, analysis/ MICE/ *PEPTIDE HYDROLASES, analysis/ PHENOTYPE

1286. **Chen WJ, Chang CH, Hung WT:** Congenital choledochal cyst: with observations on rupture of the cyst and intrahepatic ductal dilatation.
J Pediatr Surg 8:529-38, Aug 73
ADHESIONS, etiology/ ADOLESCENCE/ *BILE DUCTS, INTRAHEPATIC/ BILIARY TRACT DISEASES, complications/ *BILIARY TRACT DISEASES, congenital/ BILIARY TRACT DISEASES, surgery/ CHILD, PRESCHOOL/ CHOLANGIOGRAPHY/ *COMMON BILE DUCT/ CYSTS, complications/ *CYSTS, congenital/ CYSTS, surgery/ DILATATION/ DRAINAGE/ DUODENUM, surgery/ FEMALE/ HEPATOMEGALY, etiology/ HUMAN/ INFANT/ INFANT, NEWBORN/ IODINE ISOTOPES, DIAGNOSTIC/ JAUNDICE, OBSTRUCTIVE, etiology/ JEJUNUM, surgery/ LIVER DISEASES, diagnosis/ MALE/ RACIAL STOCKS/ RADIOISOTOPE SCANNING/ RUPTURE, SPONTANEOUS, complications/ VOMITING, etiology

1287. **Chen YF:** Roentgen irradiation for chronic hemorrhage from an ulcer in a hemophiliac.
J Bone Joint Surg [Am] 54:1783-6, Dec 72
ADOLESCENCE/ AMPUTATION/ BONE NEOPLASMS, radiography/ CALCANEUS/ CASE REPORT/ CHILD/ FEMUR, radiography/ FOLLOW-UP STUDIES/ FOOT, radiography/ *HEMOPHILIA, complications/ HEMORRHAGE, radiotherapy/ HUMAN/ MALE/ *OSTEOMYELITIS, complications/ OSTEOMYELITIS, radiography/ OSTEOMYELITIS, surgery/ *SKIN ULCER, complications/ TARSAL BONES/ TARSAL BONES, pathology/ *THIGH/ THIGH, surgery

1288. **Chen YH, Yang JT, Martinez HM:** Determination of the secondary structures of proteins by circular dichroism and optical rotatory dispersion.
Biochemistry 11:4120-31, 24 Oct 72
CATTLE/ CETACEA/ CHYMOTRYPSIN/ CHYMOTRYPSINOGEN/ CIRCULAR DICHROISM/ CYTOCHROME C/ EGG WHITE/ HORSES/ INSULIN/ LACTATE DEHYDROGENASE/ MATHEMATICS/ MURAMIDASE/ MYOCARDIUM/ MYOGLOBIN/ *OPTICAL ROTATORY DISPERSION/ PANCREAS, enzymology/ PAPAIN/ PHOSPHATASES/ *PROTEIN CONFORMATION/ RIBONUCLEASE/ SHARKS/ SPECTRUM ANALYSIS/ STAPHYLOCOCCUS, enzymology/ ULTRAVIOLET RAYS

1289. **Cheng HM, Aronson AI, Holt SC:** Role of glutathione in the morphogenesis of the bacterial spore coat.
J Bacteriol 113:1134-43, Mar 73
BACILLUS CEREUS, cytology/ BACILLUS CEREUS, drug effects/ BACILLUS CEREUS, enzymology/ BACILLUS CEREUS, growth & development/ *BACILLUS CEREUS, metabolism/ CARBON ISOTOPES/ CELL

WALL, metabolism/ CYSTEINE, metabolism/ CYSTINE, metabolism/ DIPEPTIDASES, metabolism/ *GLUTATHIONE, metabolism/ GLUTATHIONE REDUCTASE, metabolism/ GLYCINE, metabolism/ IODINE ISOTOPES/ MORPHOGENESIS/ MURAMIDASE, pharmacodynamics/ MUTATION/ PEPTIDE HYDROLASES, metabolism/ *SPORES, metabolism/ SPORES, BACTERIAL, cytology/ SPORES, BACTERIAL, drug effects/ SPORES, BACTERIAL, enzymology/ SPORES, BACTERIAL, growth & development/ SPORES, BACTERIAL, metabolism/ TEMPERATURE

1290. **Cheng KW, Pierce JG:** The reaction of tetranitromethane with pituitary, luteinizing and thyroid-stimulating hormones.
J Biol Chem 247:7163-72, 25 Nov 72
AMINO ACIDS, analysis/ ANTIBODY SPECIFICITY/ CATTLE/ CHEMISTRY/ CHICKENS/ COUNTERCURRENT DISTRIBUTION/ ELECTROPHORESIS, PAPER/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL DIFFUSION TESTS/ GEL FILTRATION/ *LH/ LH, analysis/ METHANE/ NITRO COMPOUNDS/ PEPTIDES, analysis/ PHOSPHORUS, metabolism/ PHOSPHORUS ISOTOPES/ PROTEIN BINDING/ THYROID GLAND, drug effects/ THYROID GLAND, metabolism/ *THYROTROPIN/ THYROTROPIN, pharmacodynamics/ TRYPSIN

1291. **Chenkin T, Moses D, Perel JM, et al:** Inhibition of thromboplastin activity in plasma by aluminosilicate treatment.
Thromb Diath Haemorrh 28:135-43, 31 Aug 72
*ALUMINUM SILICATES, pharmacodynamics/ BLOOD COAGULATION, drug effects/ CLOT RETRACTION/ HUMAN/ HYDROGEN-ION CONCENTRATION/ ION EXCHANGE RESINS/ LIPOPROTEINS, HDL, analysis/ LIPOPROTEINS, LDL, analysis/ PROTHROMBIN TIME/ RABBITS/ TEMPERATURE/ *THROMBOPLASTIN, antagonists & inhibitors/ VENOMS, pharmacodynamics

1292. **Cherkezova-Kinova E:** Izmenenie v aktivnostta na enterokinazata i alkalnata fosfataza v duodenalno sudurzhimo pri ostur eksperimentalen pankreatit u kucheta.
Eksp Med Morfol 11:201-6, 1972 **(Bul)**
*ALKALINE PHOSPHATASE, physiology/ ANIMAL EXPERIMENTS/ CHRONIC DISEASE/ DOGS/ *DUODENUM, enzymology/ ENGLISH ABSTRACT/ FISTULA/ METHODS/ *PANCREATITIS, enzymology/ *PEPTIDE PEPTIDOHYDROLASES, physiology

1293. **Cherniak R, Henderson BG:** Immunochemistry of the capsular polysaccharides from Clostridium perfringens: selected Hobbs strains 1, 5, 9, and 10.
Infect Immun 6:32-7, Jul 72
ANTIGENS, BACTERIAL, analysis/ CHEMISTRY/ *CLOSTRIDIUM PERFRINGENS, immunology/ GEL DIFFUSION TESTS/ HYDROLYSIS/ OXIDATION-REDUCTION/ PAPAIN/ PERIODIC ACIDS/ *POLYSACCHARIDES/ POLYSACCHARIDES, isolation & purification/ RABBITS, immunology/ TRYPSIN

1294. **Cherry JP, Dechary JM, Ory RL:** Gel electrophoretic analysis of peanut proteins and enzymes. I. Characterization of DEAE-cellulose separated fractions. J Agric Food Chem 21:652-5, Jul-Aug 73
ACID PHOSPHATASE, analysis/ ALCOHOL OXIDOREDUCTASES, analysis/ CATALASE, analysis/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, STARCH GEL/ ESTERASES, analysis/ GLOBULINS, analysis/ IMMUNOELECTROPHORESIS/ ISOENZYMES, analysis/ LEUCINE AMINOPEPTIDASE, analysis/ OXIDOREDUCTASES, analysis/ *PEANUTS, analysis/ PEROXIDASES, analysis/ *PLANT PROTEINS, isolation & purification/ *SEEDS, enzymology/ TRYPSIN INHIBITORS, analysis

1295. **Chesbro W, Taylor N, Smith M:** Relationships between host origin of staphylococcal strains and their virulence for mice. Can J Microbiol 18:1371-8, Sep 72
AGGLUTININS/ ANAEROBIOSIS/ ANIMAL EXPERIMENTS/ BACTERIOLOGICAL TECHNICS/ CATTLE/ COAGULASE, biosynthesis/ FIBRINOLYSIN, biosynthesis/ HEMOLYSINS, biosynthesis/ HUMAN/ LETHAL DOSE 50/ *MASTITIS, BOVINE, microbiology/ MICE/ MURAMIDASE, biosynthesis/ OXIDATION-REDUCTION/ PEPTIDE HYDROLASES, biosynthesis/ STAPHYLOCOCCUS, classification/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, growth & development/ STAPHYLOCOCCUS, isolation & purification/ STAPHYLOCOCCUS, metabolism/ *STAPHYLOCOCCUS, pathogenicity/ *VIRULENCE/ *WOUND INFECTION, microbiology

1296. **Cheshire DJ:** The acute management of the patient with spinal cord injury and associated multiple injuries.
Proc Veterans Adm Spinal Cord Inj Conf 18:87-96, 1971
ACCIDENTS, TRAFFIC/ ADOLESCENCE/ ANGIOGRAPHY/ ANURIA, therapy/ AORTOGRAPHY/ ARTERIOVENOUS FISTULA, radiography/ ARTERIOVENOUS FISTULA, therapy/ CERVICAL VERTEBRAE, radiography/ FRACTURES, complications/ FRACTURES, radiography/ HEMATOMA, radiography/ HUMAN/ LIVER DISEASES, surgery/ MALE/ PARAPLEGIA, complications/ PARAPLEGIA, diagnosis/ *PARAPLEGIA, therapy/ PELVIC BONES, radiography/ *SPINAL CORD INJURIES, therapy/ SPLENECTOMY/ *WOUNDS AND INJURIES, complications/ WOUNDS AND INJURIES, therapy

1297. **Chesney CF, Allen JR:** Monocrotaline induced pulmonary vascular lesions in non-human primates.
Cardiovasc Res 7:508-18, Jul 73
*ALKALOIDS, toxicity/ ANIMAL EXPERIMENTS/ AUTOPSY/ BLOOD PLATELETS/ CAPILLARIES, pathology/ DILATATION/ DISEASE MODELS, ANIMAL/ ENDOTHELIUM, pathology/ FIBRIN/ HEART ENLARGEMENT, chemically induced/ HEART ENLARGEMENT, pathology/ HEART VENTRICLE, pathology/ *HETEROCYCLIC COMPOUNDS, toxicity/ *LUNG, blood supply/ LUNG, pathology/ MACACA/ MICROSCOPY, ELECTRON/ MONKEYS/ THROMBOSIS/ *VASCULAR DISEASES, chemically induced/ VASCULAR DISEASES, pathology

1298. **Cheung HS, Cushman DW:** Inhibition of homogeneous angiotensin-converting enzyme of rabbit lung by synthetic venom peptides of Bothrops jararaca.
Biochim Biophys Acta 293:451-63, 15 Feb 73
AMINO ACID SEQUENCE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ENZYME ACTIVATION/ GEL FILTRATION/ KINETICS/ KININASE II, antagonists & inhibitors/ KININASE II, isolation & purification/ LUNG, drug effects/ *LUNG, enzymology/ NOMENCLATURE/ *OLIGOPEPTIDES, pharmacodynamics/ *PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ RABBITS/ SNAKES/ TIME FACTORS/ VENOMS, pharmacodynamics

1299. **Cheung SS, Maniotis J:** A genetic study of an extracellular elastin-hydrolysing protease in the ringworm fungus Arthroderma benhamiae.
J Gen Microbiol 74:299-304, Feb 73
ALLELES/ CROSSES, GENETIC/ *ELASTIN, metabolism/ GENETICS, MICROBIAL/ HYDROLYSIS/ *PEPTIDE HYDROLASES, analysis/ PHENOTYPE/ RECOMBINATION, GENETIC/ TINEA/ *TRICHOPHYTON, enzymology

1300. **Chevance LG, Causse J, Bretlau P, et al:** Hydrolytic activity of the perilymph in otosclerosis. A preliminary report.

Acta Otolaryngol (Stockh) 74:23-8, Jul-Aug 72
ACID PHOSPHATASE, analysis/ AUDIOMETRY/ CARBOXYPEPTIDASES, analysis/ CATHEPSIN, analysis/ CHYMOTRYPSIN, analysis/ CLOSTRIDIOPEPTIDASE A, analysis/ DEOXYRIBONUCLEASE, analysis/ ELECTROPHORESIS/ HUMAN/ HYDROLYSIS/ *LABYRINTHINE FLUIDS, enzymology/ *OTOSCLEROSIS, enzymology/ OTOSCLEROSIS, etiology/ PANCREATOPEPTIDASE, analysis/ RIBONUCLEASE, analysis/ TRYPSIN, analysis

1301. **Chien S, Jan K:** Ultrastructural basis of the mechanism of rouleaux formation. Microvasc Res 5:155-66, Mar 73
BLOOD SEDIMENTATION/ BLOOD VISCOSITY/ CELL AGGREGATION, drug effects/ DEXTRAN, pharmacodynamics/ *ERYTHROCYTES, cytology/ HEPARIN/ HUMAN/ METHODS/ MICROSCOPY, ELECTRON/ MODELS, BIOLOGICAL/ MOLECULAR WEIGHT

1302. **Chien YC, Wise GJ, Grob D, et al:** Magnetically induced detrusor contraction. A new concept for treatment of neurogenic bladder. Invest Urol 10:464-8, May 73
ADHESIONS/ ANIMAL EXPERIMENTS/ BLADDER, injuries/ *BLADDER, physiology/ BLADDER, radiography/ BLADDER DISEASES, etiology/ *BLADDER, NEUROGENIC, therapy/ DOGS/ ECCHYMOSIS, etiology/ IRON, adverse effects/ *MAGNETICS/ METHODS/ *MUSCLE CONTRACTION/ PRESSURE

1303. **Chiewsilp D, McCown JM:** Elimination of repeated clot formation in mouse ascitic fluid containing arbovirus antibodies. Appl Microbiol 24:288-9, Aug 72
ACETIC ACIDS/ *ANTIBODIES, analysis/ *ARBOVIRUS, immunology/ *ASCITIC FLUID, immunology/ COMPLEMENT FIXATION TESTS/ DENGUE VIRUS, immunology/ ENCEPHALITIS VIRUS, JAPANESE, immunology/ ENCEPHALITIS VIRUS, ST. LOUIS, immunology/ ENCEPHALITIS VIRUS, WESTERN EQUINE, immunology/ ENCEPHALITIS VIRUSES, immunology/ ENCEPHALITIS VIRUSES, TICK-BORNE, immunology/ FIBRINOGEN/ HEMAGGLUTINATION INHIBITION TESTS/ HYDROGEN-ION CONCENTRATION/ IMMUNIZATION/ MICE, immunology/ NEUTRALIZATION TESTS/ PRECIPITATION/ SINDBIS VIRUS, immunology/ YELLOW FEVER VIRUS, immunology

1304. **Chin JL:** Disulfiram and warfarin.
Ann Intern Med 79:288-9, Aug 73
BLOOD COAGULATION DISORDERS, drug therapy/ *DISULFIRAM, pharmacodynamics/ DRUG SYNERGISM/ HUMAN/ *WARFARIN, pharmacodynamics/ WARFARIN, therapeutic use

1305. **Chin JL:** The activated partial thromboplastin time.
N Engl J Med 288:1410, 28 Jun 73
*BLOOD COAGULATION TESTS, standards/ *HEPARIN, administration & dosage/ HEPARIN, blood/ HUMAN/ *THROMBOPLASTIN

1306. **Chini V:** Grande aneurisma aortico in soggetto luetico, con grande sopportabilità clinica e grave anemia.
Minerva Med 63:4553-65, 24 Nov 72 (Ita)
AGED/ *ANEMIA, etiology/ *AORTIC ANEURYSM, complications/ AORTIC ANEURYSM, radiography/ BISMUTH, therapeutic use/ DIAPHRAGMATIC HERNIA, etiology/ ELECTROCARDIOGRAPHY/ HUMAN/ MALE/ MERCURY, therapeutic use/ PENICILLIN, therapeutic use/ PHENYLBUTAZONE, adverse effects/ PURPURA, THROMBOPENIC, chemically induced/ SYPHILIS, drug therapy/ SYPHILIS, radiography/ *SYPHILIS, CARDIOVASCULAR/ TIME FACTORS

1307. **Chiono O:** Evaluation of dental procedures on hemophilic patients in a comprehensive program for the care of hemophilia. 2.
J Nihon Univ Sch Dent 15:1-9, Mar 73
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ DENTAL CARE/ EVALUATION STUDIES/ *HEMOPHILIA/ HUMAN/ MIDDLE AGE

1308. **Chiono O:** Evaluation of dental procedures on hemophilic patients in a comprehensive program for the care of hemophilia. 1.
J Nihon Univ Sch Dent 14:113-21, Dec 72
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ COMPREHENSIVE HEALTH CARE/ FEMALE/ *HEMOPHILIA/ HEMOPHILIA, rehabilitation/ HUMAN/ INFANT/ MALE/ MIDDLE AGE/ *TOOTH EXTRACTION/ UNITED STATES

1309. **Chiriac V, Popovici V, Pîrvulescu V:** Utilizarea adezivului tisular GRF (gelatină-rezorcină-formaldehidă) în chirurgia segmentară a splinei.
Rev Med Chir Soc Med Nat Iasi 16:739-42, Jul-Sep 72 (Rum)
ANIMAL EXPERIMENTS/ DOGS/ ENGLISH ABSTRACT/ FORMALDEHYDE/ GELATIN/ *HEMOSTATICS/ METHODS/ RESORCINOL/ *SPLENECTOMY/ *TISSUE ADHESIVES

1310. **Chirvasie R, Păuşescu E, Dăbuleanu L:** Effects of thrombin and serotonin upon the energetics of blood platelets: adenine nucleotides and some related enzymes. Rev Roum Physiol 9:443-51, 1972
ACID PHOSPHATASE, metabolism/ *ADENINE NUCLEOTIDES, metabolism/ ADENOSINE MONOPHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ ALKALINE PHOSPHATASE, metabolism/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CREATINE KINASE, metabolism/ DOGS/ IN VITRO/ OXYGEN, blood/ *SEROTONIN, pharmacodynamics/ *THROMBIN, pharmacodynamics

1311. **Chistiakov GM:** O roli nekotorykh biologicheski aktivnykh veshchestv v patogeneze éksperimental'noĭ allergii i bronkhial'noĭ astmy (obzor literatury.
Vopr Okhr Materin Det 17:34-7, Feb 72 (52 ref.) (Rus)
ACETYLCHOLINE, blood/ ANAPHYLAXIS, blood/ ANIMAL EXPERIMENTS/ ASTHMA, blood/ CHOLINESTERASE, blood/ DOGS/ GUINEA PIGS/ HEPARIN, blood/ HISTAMINE, blood/ HUMAN/ *HYPERSENSITIVITY, IMMEDIATE, blood/ INFANT/ REVIEW/ SEROTONIN, blood

1312. **Chlebus H, Tolloczko T, Preibisz J, et al:** Studies on the experimental model of pulmonary artery embolism.
Pol Med J 11:1154-62, 1972
ANGIOGRAPHY/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ BRADYCARDIA, etiology/ CARBON DIOXIDE, blood/ CATHETERIZATION/ *DISEASE MODELS, ANIMAL/ DOGS/ ELECTROCARDIOGRAPHY/ HYDROGEN-ION CONCENTRATION/ OXYGEN, blood/ PARTIAL PRESSURE/ POLYVINYLS/ PULMONARY ARTERY/ PULMONARY ARTERY, radiography/ *PULMONARY EMBOLISM/ PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, physiopathology/ TACHYCARDIA, etiology/ THROMBIN/ TIME FACTORS

1313. **Chlubek S:** Uwagi sprawie oznaczania fibrynogenu.
Wiad Lek 25:1763-6, 1 Oct 72 (Pol)
ADULT/ BLOOD DONORS/ ENGLISH ABSTRACT/ *FIBRINOGEN, analysis/ HUMAN/ METHODS/ SPECTROPHOTOMETRY

1314. **Chmiel H, Störmer B:** Zur Rheologie des Blutes.
Biomed Tech (Stuttg) 17:174-80, Oct 72 (Ger)
BLOOD FLOW VELOCITY/ *BLOOD VISCOSITY/ ENGLISH ABSTRACT/ HUMAN/ *RHEOLOGY

1315. **Chmielewski J:** Rola zaburzeń krzepniecia krwi i fibrynolizy u chorych na cukrzycę w rozwoju zmian chorobowych w naczyniach krwionośnych.
Wiad Lek 26:615-7, 1 Apr 73 (Pol)

*BLOOD COAGULATION DISORDERS, complications/ BLOOD PLATELET DISORDERS, complications/ *DIABETES MELLITUS, blood/ DIABETES MELLITUS, complications/ DIABETES MELLITUS, drug therapy/ *DIABETIC ANGIOPATHIES, blood/ FACTOR VIII/ FIBRINOGEN, metabolism/ FIBRINOLYSIS/ HUMAN/ INSULIN, therapeutic use/ PLATELET ADHESIVENESS/ REVIEW/ TRYPSIN INHIBITORS, metabolism

1316. **Chodorowski Z, Zukowska J:** Przypadek nefropatii i neurogennej głuchoty z małopłytkowością, aminoacydurią i upośledzeniem zakwaszania moczu.
Pol Arch Med Wewn 49:489-92, Nov 72 **(Pol)**
ADULT/ *AMINO ACID METABOLISM, INBORN ERRORS, urine/ *DEAFNESS, complications/ DEAFNESS, etiology/ ENGLISH ABSTRACT/ HUMAN/ KIDNEY DISEASES, congenital/ *KIDNEY DISEASES, urine/ MALE/ NERVOUS SYSTEM DISEASES, complications/ *THROMBOPENIA, complications

1317. **Chopra IJ, Tulchinsky D, Greenway FL:** Estrogen-androgen imbalance in hepatic cirrhosis. Studies in 13 male patients.
Ann Intern Med 79:198-203, Aug 73
ADULT/ ALCOHOLISM, complications/ ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ ATROPHY, etiology/ BILIRUBIN, blood/ BLOOD PROTEINS, analysis/ *ESTRADIOL, blood/ FEMALE/ FSH, blood/ *GONADOTROPINS, blood/ GYNECOMASTIA, etiology/ HEPATOMEGALY, diagnosis/ HUMAN/ LH, blood/ *LIVER CIRRHOSIS, blood/ LIVER CIRRHOSIS, diagnosis/ MALE/ MIDDLE AGE/ PROTHROMBIN TIME/ RADIOIMMUNOASSAY/ RADIOISOTOPE SCANNING/ SERUM ALBUMIN, analysis/ *STANOLONE, blood/ TESTICULAR DISEASES, etiology/ *TESTOSTERONE, blood

1318. **Chothia C:** Conformation of twisted beta-pleated sheets in proteins. J Mol Biol 75:295-302, 5 Apr 73
CARBOXYPEPTIDASES/ CHYMOTRYPSIN/ GLOBULINS/ MATHEMATICS/ MODELS, STRUCTURAL/ PEPTIDES/ *PROTEIN CONFORMATION/ PROTEINS/ THERMODYNAMICS

1319. **Chou PY, Fasman GD:** Structural and functional role of leucine residues in proteins.
J Mol Biol 74:263-81, 5 Mar 73
AMINO ACID SEQUENCE/ CARBOXYPEPTIDASES/ CHYMOTRYPSIN/ CIRCULAR DICHROISM/ CYTOCHROMES/ HEMOGLOBIN/ INSULIN/ *LEUCINE/ MUSCLE PROTEINS/ MYOGLOBIN/ PANCREATOPEPTIDASE/ POTENTIOMETRY/ *PROTEIN CONFORMATION/ RIBONUCLEASE/ X-RAY DIFFRACTION

1320. **Choudhury NN:** Coagulation disorder in abruptio placentae. J Indian Med Assoc 58:428-9, 1 Jun 72
*ABRUPTIO PLACENTAE, complications/ ABRUPTIO PLACENTAE, therapy/ *BLOOD COAGULATION DISORDERS, complications/ BLOOD TRANSFUSION/ FEMALE/ HEMORRHAGE, POSTPARTUM, etiology/ HUMAN/ LABOR, INDUCED/ PREGNANCY

1321. **Choyce DP:** Perforatokerato-prosthesis 60 cases, 1967-72. Trans Ophthalmol Soc UK 92:727-33, 1972
ADHESIONS/ *CORNEA, surgery/ HUMAN/ IRIS, surgery/ METHODS/ *PROSTHESIS

1322. **Chrétien M, Gilardeau C:** Les lipotropines (LPH) hypophysaires.
Union Med Can 102:890-8, Apr 73 (72 ref.) **(Fre)**
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BLOOD COAGULATION/ CATTLE/ CHEMISTRY/ CHROMATOGRAPHY/ ENGLISH ABSTRACT/ HYPOCALCEMIA, physiopathology/ LIPIDS, biosynthesis/ LIPOTROPIN, isolation & purification/ LIPOTROPIN, physiology/ LIPOTROPIN, urine/ METHODS/ *PITUITARY HORMONES, ANTERIOR/ RADIOIMMUNOASSAY/ REVIEW/ SHEEP/ SWINE

1323. **Christensen F:** Metabolism of dicoumarol by live microsomes from untreated and phenobarbital treated rats. Biochem Pharmacol 21:2303-11, 1 Sep 7
ANIMAL EXPERIMENTS/ ATMOSPHERE/ BISHYDROXYCOUMARIN, analysis/ *BISHYDROXYCOUMARIN, metabolism/ CARBON MONOXIDE, pharmacodynamics/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ CYTOCHROME P-450, analysis/ MALE/ MICROSOMES, LIVER, drug effects/ MICROSOMES, LIVER, enzymology/ *MICROSOMES, LIVER, metabolism/ MITOCHONDRIA, LIVER, analysis/ MITOCHONDRIA, LIVER, enzymology/ NAD, pharmacodynamics/ NADP, pharmacodynamics/ *PHENOBARBITAL, pharmacodynamics/ PROTEINS, analysis/ RATS/ RATS, INBRED STRAINS/ TIME FACTORS

1324. **Christinaz P, Schatzmann HJ:** High potassium and lo potassium erythrocytes in cattle.
J Physiol (Lond) 224:391-406, Jul 72
ADENOSINE TRIPHOSPHATASE, blood/ AGE FACTORS/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ BLOOD PRESERVATION/ *CATTLE, metabolism/ COLD/ ERYTHROCYTES, enzymology/ *ERYTHROCYTES, metabolism/ FEMALE/ IN VITRO/ MALE/ OUABAIN, pharmacodynamics/ *POTASSIUM, blood/ POTASSIUM, metabolism/ SEX FACTORS/ SODIUM, blood/ SODIUM, metabolism/ SPECIES SPECIFICITY

1325. **Christophe J, Robberecht P, Deschodt-Lanckman M, al:** Biologie cellulaire du pancréas exocrine.
Bull Acad R Med Belg 12:323-59, 1972 **(Fr**
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE pharmacodynamics/ ADENYL CYCLASE, metabolism/ AMYLASE, biosynthesis/ ANIMA EXPERIMENTS/ BIOLOGICAL TRANSPORT/ CHYMOTRYPSINOGEN, biosynthesis/ ENGLISH ABSTRACT/ GLUCOSE, pharmacodynamics/ *HYDROLASES, biosynthesis/ HYDROLASES, metabolism/ LIPASE, biosynthesis/ OSMOLAR CONCENTRATION/ PANCREAS, drug effects *PANCREAS, metabolism/ PANCREAS, secretion/ PANCREOZYMIN, metabolism/ PROSTAGLANDINS, metabolism/ RATS/ TRYPSINOGEN, biosynthesis

1326. **Christophe J, Vandermeers A, Vandermeers-Piret M et al:** Le turnover de la lipase du pancréas exocrine rat est plus lent que celui de quatre autres hydrola du même tissu.
Arch Int Physiol Biochim 81:173-4, Feb 73 **(F**
AMYLASE, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHYMOTRYPSIN, metabolism/ CHYMOTRYPSINOGEN, metabolism/ *HYDROLASES, metabolism/ *LIPASE, metabolism/ *PANCREAS, enzymology/ RAT TIME FACTORS

1327. **Christophe J, Vandermeers A, Vandermeers-Piret M et al:** The relative turnover time in vivo of intracellular transport of five hydrolases in pancreas of the rat.
Biochim Biophys Acta 308:285-95, 10 May 73
AMINO ACIDS, analysis/ AMYLASE, biosynthesis/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ BIOLOGICAL TRANSPORT CARBON ISOTOPES/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSINOGEN, biosynthesis/ DENSITOMETRY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENDOCYTOSIS/ FEMALE/ GEL FILTRATION/ HALF-LIFE/ *HYDROLASES, biosynthesis/ HYDROLASES, metabolism/ LEUCINE, metabolism/ LIPASE, biosynthesi MALE/ *PANCREAS, enzymology/ PANCREATIC JUICE, enzymology/ RATS/ SPECTROPHOTOMETRY/ TIME FACTORS/ TRYPSINOGEN, biosynthesis

1328. **Christow CP**: Experimente über den Einfluss von Metaboliten und Antimetaboliten am Modell von Trichomonas vaginalis. X. Versuch mit Aminosäuren.
Zentralbl Bakteriol [Orig A] 219:390-3, Mar 72 (Ger)
AMINO ACIDS, metabolism/ CULTURE MEDIA/ ENGLISH ABSTRACT/ *PHENINDIONE, pharmacodynamics/ *PHENYLALANINE, pharmacodynamics/ *THREONINE, pharmacodynamics/ *TRICHOMONAS VAGINALIS, drug effects/ TRICHOMONAS VAGINALIS, growth & development/ TRICHOMONAS VAGINALIS, metabolism

1329. **Christow CP**: Experimente über den Einfluss von Metaboliten und Antimetaboliten am Modell von Trichomonas vaginalis. XI. Versuche mit Desthiobiotin, Pregnandion, Hesperidin u. a. organischen Substanzen.
Zentralbl Bakteriol [Orig A] 219:394-406, Mar 72 (Ger)
BENZENE DERIVATIVES, pharmacodynamics/ *BIOFLAVONOIDS, pharmacodynamics/ CAPROATES, pharmacodynamics/ CHLORINE, pharmacodynamics/ ENGLISH ABSTRACT/ GAMMA GLOBULIN, pharmacodynamics/ *HEPARIN, pharmacodynamics/ *IMIDAZOLES, pharmacodynamics/ INDOLEACETIC ACID, pharmacodynamics/ *PREGNANES/ THYMIDINE, pharmacodynamics/ THYMINE, pharmacodynamics/ *TRICHOMONAS VAGINALIS, drug effects/ UREA, pharmacodynamics/ URIC ACID, pharmacodynamics

1330. **Christy NP, Weiss HJ, Phillips LL, et al**: Exotic snakebite in an urban setting: heparin therapy of disseminated intravascular coagulation in a patient bitten by a saw-scaled viper (Echis carinatus).
Trans Am Clin Climatol Assoc 84:37-48, 1973
ADULT/ ANTIVENINS, administration & dosage/ ANTIVENINS, therapeutic use/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ *DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ECCHYMOSIS, etiology/ ECCHYMOSIS, therapy/ HEMATOCRIT/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ MALE/ NEW YORK CITY/ *SNAKE BITES, complications/ SNAKE BITES, drug therapy/ URBAN POPULATION

1331. **Chrzanowska-Srzednicka K, Janotka H**: Przypadek naczyniaka groniastego siatkówki.
Klin Oczna 43:723-6, Jun 73 (Pol)
ADULT/ ENGLISH ABSTRACT/ *EYE NEOPLASMS, diagnosis/ FUNDUS OCULI/ *HEMANGIOMA, diagnosis/ HUMAN/ MALE/ *RETINA

1332. **Chu FS, Nei PY, Leung PS**: Byssochlamyopeptidase A, a rennin-like enzyme produced by Byssochlamys fulva.
Appl Microbiol 25:163-8, Feb 73
AMMONIUM SULFATE/ *ASCOMYCETES, enzymology/ ASCOMYCETES, growth & development/ ASCOMYCETES, isolation & purification/ CASEIN, metabolism/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CULTURE MEDIA/ FOOD MICROBIOLOGY/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ MILK PROTEINS, metabolism/ NITROGEN, biosynthesis/ *PEPTIDE HYDROLASES, biosynthesis/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ PRECIPITATION/ SPECIES SPECIFICITY/ TEMPERATURE

1333. **Chua FS, Chiscano AD, Wukasch DC, et al**: Dermal gangrene. An unpredictable complication of coumarin therapy.
J Thorac Cardiovasc Surg 65:238-40, Feb 73
AORTIC VALVE STENOSIS, surgery/ *GANGRENE, chemically induced/ GANGRENE, pathology/ HEART VALVE PROSTHESIS/ HUMAN/ MALE/ MIDDLE AGE/ *SKIN DISEASES, chemically induced/ SKIN DISEASES, pathology/ *WARFARIN, adverse effects/ WARFARIN, therapeutic use

1334. **Chuang TF, Sargeant RB, Hougie C**: The intrinsic activation of factor X in blood coagulation.
Biochim Biophys Acta 273:287-91, 19 Jul 72
CALCIUM/ CEPHALINS/ CHROMATOGRAPHY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ FACTOR VII/ FACTOR VIII/ FACTOR IX/ *FACTOR X/ GEL FILTRATION/ HUMAN/ IN VITRO/ PROTEIN BINDING

1335. **Chudakov MI, Shkliarov SKh**: Primenenie proteoliticheskikh fermentov pri lechenii vospaleitel'nykh zabolevanii miagkikh tkanei.
Khirurgiia (Mosk) 49:87-91, Feb 72 (Rus)
ANIMAL EXPERIMENTS/ CHYMOTRYPSIN, therapeutic use/ DOGS/ ENGLISH ABSTRACT/ GRANULATION TISSUE, drug effects/ HUMAN/ *PEPTIDE HYDROLASES, therapeutic use/ RENIN, therapeutic use/ *SURGICAL WOUND INFECTION, drug therapy/ SUTURES/ TRYPSIN, therapeutic use/ WOUND HEALING, drug effects

1336. **Chudzio T, Inglot AD**: Chromatographic purification of the Sindbis virus: comparison of different methods.
Arch Immunol Ther Exp (Warsz) 21:227-37, 1973
ADSORPTION/ CENTRIFUGATION/ CHROMATOGRAPHY/ CHYMOTRYPSIN/ COMPARATIVE STUDY/ DEOXYRIBONUCLEASE, metabolism/ NUCLEIC ACIDS, analysis/ SINDBIS VIRUS, analysis/ SINDBIS VIRUS, enzymology/ *SINDBIS VIRUS, isolation & purification/ SINDBIS VIRUS, pathogenicity/ TRYPSIN, metabolism/ ULTRAFILTRATION/ ULTRASONICS/ VIRAL PROTEINS, analysis/ VIRULENCE

1337. **Chulkova TM, Orekhovich VN**: O chetvertichnoĭ strukture molekuly trombina cheloveka.
Vopr Med Khim 18:652-3, Nov-Dec 72 (Rus)
ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ HUMAN/ *THROMBIN, analysis

1338. **Chung AE**: Immobilized isocrite dehydrogenase: some aspects of its catalytic, chemical and immunological properties.
Arch Biochem Biophys 152:125-35, Sep 72
ANTIBODIES/ ANTIGEN-ANTIBODY COMPLEX/ *AZOTOBACTER, enzymology/ BENZOATES/ BINDING SITES/ CATALYSIS/ CHEMISTRY, PHYSICAL/ CYANIDES/ CYANOGEN BROMIDE/ DISULFIDES/ DITHIOTHREITOL/ ENZYME ACTIVATION/ *ISOCITRATE DEHYDROGENASE/ ISOCITRATE DEHYDROGENASE, antagonists & inhibitors/ KINETICS/ LYSINE/ MAGNESIUM/ NITRO COMPOUNDS/ POLYSACCHARIDES/ PROTEIN CONFORMATION/ RABBITS, immunology/ TRYPSIN/ UREA

1339. **Chung J, Scanu AM, Reman F**: Effect of phospholipids on lipoprotein lipase activation in vitro.
Biochim Biophys Acta 296:116-23, 19 Jan 73
*ADIPOSE TISSUE, enzymology/ ALBUMINS/ AMMONIUM COMPOUNDS/ ANIMAL EXPERIMENTS/ CALCIUM CHLORIDE/ CARBON ISOTOPES/ CEPHALINS/ ENZYME ACTIVATION/ EPIDIDYMITIS, enzymology/ FATTY ACIDS/ HEPARIN/ HUMAN/ LECITHINS/ *LIPOPROTEIN LIPASE/ LIPOPROTEINS, VLDL, blood/ LYSOLECITHIN/ MALE/ *PHOSPHOLIPIDS/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP/ SURFACE-ACTIVE AGENTS/ TRIOLEIN

1340. **Chung SI**: Comparative studies on tissue transglutaminase and factor XIII.
Ann NY Acad Sci 202:240-55, 8 Dec 72
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ CARBON ISOTOPES/ COMPARATIVE STUDY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ESTERS, metabolism/ *FACTOR XIII, metabolism/ FIBRIN/ GEL DIFFUSION TESTS/ GEL FILTRATION/ GLUTAMINE/ GLYCINE, metabolism/ GUINEA PIGS/ HAIR, enzymology/ LIVER, enzymology/

MACROMOLECULAR SYSTEMS/ MALE/ MOLECULAR WEIGHT/ ORGAN SPECIFICITY/ PUTRESCINE, metabolism/ RABBITS, immunology/ SODIUM DODECYL SULFATE/ SOLUBILITY/ TRANSFERASES, blood/ *TRANSFERASES, metabolism

1341. **Chuprevich TW, Meisner LF, Inhorn SL:** Mechanism of trypsin chromosome banding. Lancet 1:484, 3 Mar 73
CHROMOSOMES, drug effects/ HUMAN/ *KARYOTYPING/ METHODS/ STAINS AND STAINING/ *TRYPSIN, pharmacodynamics

1342. **Church RL, Tanzer ML, Pfeiffer SE:** Collagen and procollagen production by a clonal line of Schwann cells. Proc Natl Acad Sci USA 70:1943-6, Jul 73
CHYMOTRYPSIN/ CLONE CELLS/ CLOSTRIDIOPEPTIDASE A/ COLLAGEN, analysis/ *COLLAGEN, biosynthesis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HYDROXYPROLINE, metabolism/ MOLECULAR WEIGHT/ PEPTIDES, analysis/ PROLINE, metabolism/ PROTEIN PRECURSORS, analysis/ *PROTEIN PRECURSORS, biosynthesis/ RATS/ *SCHWANN CELLS, metabolism/ TRITIUM

1343. **Churchill WH, Zbar B, Belli JA, et al:** Detection of cellular immunity to tumor antigens of a guinea pig hepatoma by inhibition of macrophage migration.
J Natl Cancer Inst 48:541-9, Feb 72
ANIMAL EXPERIMENTS/ ANTIGENIC DETERMINANTS/ *ANTIGENS, NEOPLASM/ CARCINOGENS/ *CELL MIGRATION INHIBITION/ FREEZING/ GUINEA PIGS/ HEPATOMA, chemically induced/ HEPATOMA, immunology/ *IMMUNITY, CELLULAR/ IMMUNIZATION/ LIVER NEOPLASMS, chemically induced/ *LIVER NEOPLASMS, immunology/ LYMPHOCYTES, immunology/ *MACROPHAGES/ MALE/ NEOPLASM TRANSPLANTATION/ NEOPLASMS, EXPERIMENTAL, chemically induced/ NEOPLASMS, EXPERIMENTAL, immunology/ NITROSAMINES/ RADIATION CHIMERA/ TRANSPLANTATION, HOMOLOGOUS/ TRYPSIN, pharmacodynamics

1344. **Chvapil M, Kronenthal L, Van Winkle W Jr:** Medical and surgical applications of collagen.
Int Rev Connect Tissue Res 6:1-61, 1973 (253 ref.)
ABDOMEN, surgery/ ABSORPTION/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS, metabolism/ BLOOD VESSEL PROSTHESIS/ BONE AND BONES, surgery/ *COLLAGEN/ COLLAGEN, metabolism/ COLLAGEN, therapeutic use/ EYE, surgery/ HEART VALVE PROSTHESIS/ HEMOSTATICS/ HUMAN/ ION EXCHANGE/ OSTEOMYELITIS, surgery/ REGENERATION/ REVIEW/ SOLUBILITY/ STERILIZATION/ SURGERY, PLASTIC/ TENDONS, surgery/ THORAX, surgery/ TYMPANIC MEMBRANE, surgery/ URINARY INCONTINENCE, surgery/ WOUND HEALING

1345. **Chwalińska-Sadowska H, Polowiec Z:** Obrazy kliniczne mastocytozy.
Reumatologia 11:91-5, Jan 73 (35 ref.) **(Pol)**
ACANTHOSIS NIGRICANS/ ADULT/ AGE FACTORS/ AGED/ ANTIHISTAMINICS, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ HEPARIN, blood/ HEPARIN, urine/ HISTAMINE, blood/ HISTAMINE, urine/ HUMAN/ MIDDLE AGE/ MUCOPOLYSACCHARIDES, blood/ MUCOPOLYSACCHARIDES, urine/ PSEUDOXANTHOMA ELASTICUM, diagnosis/ REVIEW/ URTICARIA PIGMENTOSA, classification/ *URTICARIA PIGMENTOSA, diagnosis/ URTICARIA PIGMENTOSA, drug therapy

1346. **Chyrek-Borowska S, Hofman J, Matusiewicz R:** Enzymy proteolityczne i ich inhibitory w przewlekłych nieswoistych chorobach układu oddechowego.
Pol Tyg Lek 28:915-8, 1973 (34 ref.) **(Pol)**
ANTIGEN-ANTIBODY COMPLEX/ ASTHMA, enzymology/ ENZYME ACTIVATION/ HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ KININOGENS, metabolism/ LUNG, enzymology/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, metabolism/ PULMONARY EDEMA, enzymology/ *RESPIRATORY TRACT DISEASES, enzymology/ RESPIRATORY TRACT DISEASES, familial & genetic/ RESPIRATORY TRACT DISEASES, immunology/ REVIEW/ TRYPSIN, metabolism/ TRYPSIN INHIBITORS, metabolism

1347. **Ciavarella N, Conard J, Samama M:** Effect of venous occlusion on fibrinolysis before and after delivery.
J Clin Pathol 25:619, Jul 72
*DELIVERY/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ PREGNANCY/ *PREGNANCY IN DIABETES, physiopathology/ SERUM GLOBULINS/ *VEINS

1348. **Cierniewski C, Krajewski T:** Właściwości antygenowe fibrynogenu.
Postepy Hig Med Dosw 27:483-97, Jul-Aug 73 **(Pol)**
ANIMAL EXPERIMENTS/ *ANTIGENIC DETERMINANTS/ BIRDS, immunology/ CATTLE, immunology/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ FIBRIN/ FIBRINOGEN/ GEL DIFFUSION TESTS/ HORSES, immunology/ HUMAN/ METHODS/ RABBITS, immunology/ SHEEP, immunology/ SWINE, immunology

1349. **Cieslar P, Heřmanský F:** K otázce uvolňování antiheparinové aktivity z destiček pacientů léčených Pelentanem.
Sb Lek 75:83-8, Mar 73 **(Cze)**
BLOOD PLATELET DISORDERS, drug therapy/ *BLOOD PLATELETS, drug effects/ COUMARINS, blood/ *COUMARINS, pharmacodynamics/ COUMARINS, therapeutic use/ ENGLISH ABSTRACT/ *HEPARIN, antagonists & inhibitors/ HUMAN/ PLATELET ADHESIVENESS, drug effects

1350. **Ciesluk S, Kolakowska-Polubiec K, Litwin J, et al:** Badanie aktywności APTdazy i 5'nukleotydazy w megakariocytach o roznym stopniu rozwoju w szpiku chorych z samoistną małopłytkowością i niedokrwistością hemolityczną nabytą.
Acta Haematol Pol 2:143-7, Apr-Jun 71 **(Pol)**
*ADENOSINE TRIPHOSPHATASE, blood/ *ANEMIA, HEMOLYTIC, ACQUIRED, enzymology/ *BONE MARROW, enzymology/ CYTOLOGICAL TECHNICS/ DNA, biosynthesis/ ENGLISH ABSTRACT/ HUMAN/ *MEGAKARYOCYTES, enzymology/ MICROSCOPY, ELECTRON/ NUCLEOTIDASES, blood/ *THROMBOPENIA, enzymology

1351. **Cihak RW, Shaw ST Jr:** Measurement of fibrin proteolysis in vivo by a radioactive fibrin-millipore tube technique.
Thromb Diath Haemorrh 27:634-43, 31 Jul 72
ANIMAL EXPERIMENTS/ FIBRIN, metabolism/ *FIBRINOLYSIS/ IODINE ISOTOPES/ ISOTOPE LABELING/ METHODS/ *MICROPORE FILTERS/ MONKEYS/ TRYPSIN, pharmacodynamics/ UTERUS

1352. **Ciko Z:** Uticaj fizičke aktivnosti na fibrinolitičke procese u zdravih ljudi.
Vojnosanit Pregl 29:494-7, Nov 72 **(Cro)**
ADULT/ *EXERTION/ FIBRIN, analysis/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HUMAN/ MALE/ PLASMINOGEN, analysis

1353. **Ciko Z:** Spontana fibrinolitična aktivnost u zdravih osoba i u osoba sa ishemičnim oboljenjima srca.
Vojnosanit Pregl 29:386-9, Sep 72 **(Cro)**
ADULT/ AGED/ ARTERIOSCLEROSIS, blood/ *CORONARY DISEASE, blood/ CORONARY VESSELS/ FIBRIN, metabolism/ *FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, blood

1354. **Cîrstea M, Boroş I, Suhaciu G, et al:** Further studies on the antigenicity of some injectable tissue extracts.
Rev Roum Physiol 9:323-8, 1972
ADJUVANTS, IMMUNOLOGIC/ ANIMAL

EXPERIMENTS/ ANTIBODY FORMATION/ *ANTIGENS/ CHYMOTRYPSIN/ CORTICOTROPIN/ DRUG HYPERSENSITIVITY/ ERYTHROCYTES, immunology/ EYE, immunology/ GUINEA PIGS/ HEMAGGLUTINATION TESTS/ HEPARIN/ RABBITS/ SKIN TESTS/ THYMUS GLAND, immunology/ *TISSUE EXTRACTS

1355. **Cîrstea M, Boroş I, Suhaciu G, et al:** Asupra antigenicităţii unor tisulare injectabile. I. Fiziol Norm Patol 19:157-64, Mar-Apr 73 (Rum)
ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ ANTIGEN-ANTIBODY REACTIONS/ *ANTIGENS, analysis/ CHYMOTRYPSIN/ CORTICOTROPIN/ ENGLISH ABSTRACT/ *EYE, immunology/ GUINEA PIGS/ HEMAGGLUTINATION TESTS/ HEPARIN/ PANCREAS, immunology/ PITUITARY GLAND, immunology/ RABBITS/ *THYMUS GLAND, immunology/ *TISSUE EXTRACTS

1356. **Ciświcka-Sznajderman M:** Studies of primary hyperlipoproteinemias. II. Diagnosis and classification. Pol Med J 11:238-43, 1972
ADOLESCENCE/ ADULT/ *BLOOD PROTEIN DISORDERS/ BLOOD PROTEIN DISORDERS, classification/ BLOOD PROTEIN DISORDERS, diagnosis/ BLOOD PROTEIN ELECTROPHORESIS/ CHOLESTEROL, blood/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HUMAN/ LIPOPROTEIN LIPASE, blood/ *LIPOPROTEINS, blood/ LIPOPROTEINS, LDL, blood/ LIPOPROTEINS, VLDL, blood/ MALE/ MIDDLE AGE/ TRIGLYCERIDES, blood

1357. **Claes G:** Studies on platelets and fibrin during rejection of canine renal allografts. Scand J Urol Nephrol 10:1-24, 1972
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, analysis/ CHROMIUM ISOTOPES/ DOGS/ ERYTHROCYTE AGGREGATION, INTRAVASCULAR/ ERYTHROCYTES, analysis/ FEMALE/ *FIBRIN, analysis/ FIBRINOGEN, analysis/ *GRAFT REJECTION/ IMMUNIZATION/ INJECTIONS, INTRAVENOUS/ IODINE ISOTOPES/ IRON ISOTOPES/ KIDNEY, blood supply/ KIDNEY, pathology/ *KIDNEY, transplantation/ MALE/ PLATELET ADHESIVENESS/ SKIN, transplantation/ SPLEEN, immunology/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS/ XENON

1358. **Claes G:** The effect of platelet deaggregating substances on renal allograft rejection in sensitized dogs. Acta Chir Scand 139:127-30, 1973
ANIMAL EXPERIMENTS/ BIOPSY/ *BLOOD PLATELETS, drug effects/ CHROMIUM ISOTOPES/ CYPROHEPTADINE, pharmacodynamics/ DEXTRAN, pharmacodynamics/ DOGS/ FEMALE/ *GRAFT REJECTION, drug effects/ KIDNEY, pathology/ *KIDNEY, transplantation/ MALE/ PLATELET ADHESIVENESS, drug effects/ RADIOISOTOPES/ SKIN, transplantation/ TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION IMMUNOLOGY/ XENON

1359. **Claes G, Ljungqvist U:** Platelet alterations during accelerated rejection of canine renal allografts. Acta Chir Scand 139:123-6, 1973
ANIMAL EXPERIMENTS/ BIOPSY/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ CHROMIUM ISOTOPES/ DOGS/ FEMORAL ARTERY/ *GRAFT REJECTION/ KIDNEY, pathology/ KIDNEY, physiopathology/ *KIDNEY, transplantation/ PLATELET ADHESIVENESS/ RENAL VEINS/ SKIN, transplantation/ TRANSPLANTATION, AUTOLOGOUS/ TRANSPLANTATION, HOMOLOGOUS

1360. **Claes G, Svalander C, Bergentz SE:** The accumulation and distribution of platelets and fibrin in rejecting dog kidneys. Acta Chir Scand 139:91-9, 1973
ANIMAL EXPERIMENTS/ BLOOD FLOW VELOCITY/ *BLOOD PLATELETS/ CHROMIUM ISOTOPES/ DOGS/ *FIBRIN, metabolism/ FIBRINOGEN, metabolism/ *GRAFT REJECTION/ IMMUNIZATION/ IODINE ISOTOPES/ KIDNEY, blood supply/ *KIDNEY, transplantation/ KIDNEY CORTEX, blood supply/ KIDNEY CORTEX, pathology/ MICROSCOPY, ELECTRON/ REGIONAL BLOOD FLOW/ TRANSPLANTATION, AUTOLOGOUS/ TRANSPLANTATION, HOMOLOGOUS

1361. **Clark AW, Pastellopoulos A, Howard ER, et al:** Cardiac surgery in young pigs. Cardiovasc Res 6:634-40, Nov 72
ANESTHESIA, GENERAL/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE DETERMINATION/ *EXTRACORPOREAL CIRCULATION/ HEART, transplantation/ HEART, MECHANICAL, instrumentation/ *HEART SURGERY/ HEMATOCRIT/ HEMOSTASIS/ HEPARIN ANTAGONISTS, administration & dosage/ ILIAC VEIN/ JUGULAR VEIN/ POTASSIUM, blood/ RESPIRATION, ARTIFICIAL/ SODIUM, blood/ *SWINE

1362. **Clark KG:** Haemophilic women. Lancet 1:1388-9, 16 Jun 73
ADULT/ CHRISTMAS DISEASE, diagnosis/ FEMALE/ *HEMOPHILIA, diagnosis/ HEMOPHILIA, familial & genetic/ HUMAN

1363. **Clark R, Borirakchanyavat V, Davidson AR, et al:** Hepatic damage and death from overdose of paracetamol. Lancet 1:66-70, 13 Jan 73
*ACETAMINOPHEN, poisoning/ ADOLESCENCE/ ADULT/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ BIOPSY/ BLOOD COAGULATION TESTS/ FEMALE/ HEPATIC COMA, chemically induced/ HEPATIC COMA, mortality/ HUMAN/ *LIVER, drug effects/ LIVER, enzymology/ LIVER, pathology/ LIVER DISEASES, chemically induced/ LIVER DISEASES, pathology/ LIVER FUNCTION TESTS/ MALE/ MIDDLE AGE/ PROTHROMBIN TIME/ TIME FACTORS

1364. **Clark R, Rake MO, Flute PT, et al:** Coagulation abnormalities in acute liver failure; pathogenetic and therapeutic implications. Scand J Gastroenterol [Suppl] 19:63-70, 1973
ACETAMINOPHEN, adverse effects/ ACUTE DISEASE/ BILIRUBIN, blood/ BIOPSY/ *BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ DISSEMINATED INTRAVASCULAR COAGULATION/ FIBRINOGEN, analysis/ HEMORRHAGE/ HEPARIN, therapeutic use/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ *LIVER DISEASES/ LIVER DISEASES, chemically induced/ LIVER DISEASES, drug therapy/ LIVER DISEASES, pathology/ PROTHROMBIN TIME

1365. **Clark RC:** Amino acid sequence of a cyanogen bromide cleavage peptide from hens egg phosvitin. Biochim Biophys Acta 310:174-87, 17 May 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AUTOANALYSIS/ CHICKENS/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, GAS/ CYANOGEN BROMIDE/ DANSYL COMPOUNDS/ *EGG PROTEINS, analysis/ EGG PROTEINS, metabolism/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ MASS SPECTRUM ANALYSIS/ PEPTIDES, analysis/ PHOSPHATASES, isolation & purification/ PHOSPHATASES, metabolism/ PHOSPHOPEPTIDES, analysis/ *PHOSPHOPROTEINS, analysis/ PHOSPHOPROTEINS, metabolism/ PLANTS, enzymology/ TRYPSIN

1366. **Clark RW, Hymowitz T:** Activity variation between and within two soybean trypsin inhibitor electrophoretic forms. Biochem Genet 6:169-82, Apr 72
ANALYSIS OF VARIANCE/ ELECTROPHORESIS, DISK/ ENVIRONMENT/ MATHEMATICS/ *SOY BEANS/ SPECTROPHOTOMETRY, ULTRAVIOLET/

*TRYPSIN INHIBITORS/ TRYPSIN INHIBITORS, isolation & purification/ VARIATION (GENETICS)

1367. **Clark WH Jr, Moretti RL, Thomson WW:** Histochemical and ultracytochemical studies of the spermatids and sperm of Ascaris lumbricoides var. suum.
Biol Reprod 7:145-59, Oct 72
ACID PHOSPHATASE, analysis/ ACRIDINES/ AMINOSALICYLIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ASCARIS/ CELL MEMBRANE, analysis/ CELL NUCLEUS, analysis/ CELLULAR INCLUSIONS/ FEMALE/ FERTILIZATION/ FLUORESCENCE/ HISTOCYTOCHEMISTRY/ HISTOLOGICAL TECHNICS/ MALE/ MICROSCOPY, ELECTRON/ MICROTUBULES/ MITOCHONDRIA/ OVUM, cytology/ PSEUDOPODIA/ RIBONUCLEASE/ RNA, analysis/ *SPERMATOZOA, analysis/ SPERMATOZOA, cytology/ SPERMATOZOA, drug effects/ SPERMATOZOA, enzymology/ STAINS AND STAINING/ TRYPSIN

1368. **Clarke N:** Case report. 2. Open-heart surgery on a hemophiliac. RN 36:44-7, Apr 73
HEART SEPTAL DEFECTS, ATRIAL, surgery/ HEART SURGERY/ HEMOPHILIA/ MITRAL VALVE INSUFFICIENCY, surgery/ PATIENT CARE TEAM/ SPECIAL LIST NURSING

1369. **Clarkson AR:** Latex-screening test for urinary F.D.P.
Lancet 1:109, 13 Jan 73
*FIBRIN, urine/ *FIBRINOGEN, urine/ GRAFT REJECTION, diagnosis/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ IMMUNOASSAY/ KIDNEY, transplantation/ *LATEX PARTICLES/ METHODS/ TRANSPLANTATION, HOMOLOGOUS

1370. **Clarkson AR, Robson JS:** The effect of drugs on immunological renal disease.
Prog Biochem Pharmacol 7:427-51, 1972 (104 ref.)
*ADRENAL CORTEX HORMONES/ ADRENAL CORTEX HORMONES, adverse effects/ ADRENAL CORTEX HORMONES, therapeutic use/ ANTILYMPHOCYTE SERUM/ AZATHIOPRINE, therapeutic use/ CHLORAMBUCIL/ CYCLOPHOSPHAMIDE, therapeutic use/ *GLOMERULONEPHRITIS/ GLOMERULONEPHRITIS, classification/ GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, immunology/ HEMOLYTIC-UREMIC SYNDROME, drug therapy/ HEPARIN, therapeutic use/ HUMAN/ IMMUNITY/ IMMUNOSUPPRESSION/ INDOMETHACIN, therapeutic use/ LUPUS ERYTHEMATOSUS, SYSTEMIC/ MALARIA/ REVIEW

1371. **Clausen J, Srivastava KC:** The biosynthesis of prostaglandins in thrombocytes.
Biochem J 128:4P, Jun 72
ACETATES, metabolism/ *BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ CHROMATOGRAPHY, THIN LAYER/ *PROSTAGLANDINS, biosynthesis

1372. **Clawson CC:** Platelet interaction with bacteria. 3. Ultrastructure. Am J Pathol 70:449-71, Mar 73
ANIMAL EXPERIMENTS/ *BLOOD BACTERICIDAL ACTIVITY/ BLOOD PLATELETS, cytology/ *BLOOD PLATELETS, microbiology/ CELL ADHESION/ CELL AGGREGATION/ CITRATES/ CYTOPLASMIC GRANULES/ ESCHERICHIA COLI, cytology/ METHODS/ MICROSCOPY, ELECTRON/ MICROSCOPY, ELECTRON, SCANNING/ ORGANOIDS/ PLASMA/ PLATELET ADHESIVENESS/ RABBITS/ SERUM ALBUMIN, BOVINE/ STAPHYLOCOCCUS, cytology/ STREPTOCOCCUS FAECALIS, cytology/ STREPTOCOCCUS PYOGENES, cytology/ SUSPENSIONS, analysis

1373. **Cleeland R, Grunberg E, Prince HN:** Inactivation of the hemagglutinins of type A influenza viruses by physical and chemical means: an aid to classification.
Infect Immun 5:324-31, Mar 72
ANTIBODIES, VIRAL, isolation & purification/ ANTIGENS, VIRAL/ CHICKENS, immunology/ CHROMATOGRAPHY/ CROSS REACTIONS/ DITHIOTHREITOL, pharmacodynamics/ DRUG STABILITY/ GUANIDINES, pharmacodynamics/ GUINEA PIGS, immunology/ HEAT/ HEMAGGLUTINATION INHIBITION TESTS/ HEMAGGLUTINATION TESTS/ HEMAGGLUTINATION, VIRAL, drug effects/ *HEMAGGLUTININS, VIRAL, antagonists & inhibitors/ IMMUNE SERUMS/ *INFLUENZA VIRUSES, classification/ INFLUENZA VIRUSES, immunology/ SODIUM DODECYL SULFATE, pharmacodynamics/ SURFACE-ACTIVE AGENTS, pharmacodynamics/ TRYPSIN, pharmacodynamics

1374. **Cleland J, Molloy PJ:** Thrombo-embolic complications of the cloth-covered Starr-Edwards prostheses No. 2300 aortic and No. 6300 mitral. Thorax 28:41-7, Jan 73
*AORTIC VALVE, surgery/ *HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ *MITRAL VALVE, surgery/ TEXTILES/ *THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, mortality/ THROMBOEMBOLISM, prevention & control/ WARFARIN, therapeutic use

1375. **Clément F:** La place de la chimiothérapie dans le traitement des cancers bronchiques primitifs.
Bronches 22:176-89, May-Jun 72 **(Fre)**
ADULT/ ALKYLATING AGENTS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ *ANTINEOPLASTIC AGENTS, therapeutic use/ *BRONCHIAL NEOPLASMS, drug therapy/ BRONCHIAL NEOPLASMS, radiography/ *CARCINOMA, BRONCHIOLAR, drug therapy/ CARCINOMA, BRONCHIOLAR, radiography/ CARCINOMA, BRONCHOGENIC, drug therapy/ CARCINOMA, EPIDERMOID, drug therapy/ CARCINOMA, OAT CELL, drug therapy/ CYCLOPHOSPHAMIDE, therapeutic use/ FLUOROURACIL, therapeutic use/ HUMAN/ MALE/ METHOTREXATE, therapeutic use/ MIDDLE AGE/ NEOPLASM METASTASIS, drug therapy/ PREDNISONE, therapeutic use/ TRIAZIQUONE, therapeutic use/ VINCRISTINE, therapeutic use

1376. **Clément F:** Tentative de traitement de la thrombocytopénie chronique idiopathique par le vaccin antirubéoleux.
Schweiz Med Wochenschr 102:1616-7, 4 Nov 72 **(Fre)**
ADULT/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ METHODS/ REMISSION/ *RUBELLA VACCINE, therapeutic use/ *THROMBOPENIA, therapy

1377. **Clemente F, Caro A de, Figarella C:** Composition du suc pancréatique humain. Etude immunoenzymologique.
Eur J Biochem 31:186-93, 21 Nov 72 **(Fre)**
AMIDINES/ AMYLASE, analysis/ ANTIGENIC DETERMINANTS/ CARBOXYPEPTIDASES, analysis/ CHYMOTRYPSINOGEN, analysis/ ELECTROPHORESIS, DISK/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ ENZYME PRECURSORS, analysis/ ESTERASES, analysis/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ LIPASE, analysis/ *PANCREATIC JUICE, enzymology/ PANCREATOPEPTIDASE, analysis/ RABBITS, immunology/ TRYPSIN/ TRYPSINOGEN, analysis

1378. **Clemons JE, Connelly MV:** Reattachment of a totally amputated auricle. Arch Otolaryngol 97:269-72, Mar 73
ADULT/ AMPUTATION, TRAUMATIC, drug therapy/ *AMPUTATION, TRAUMATIC, surgery/ BLOODLETTING/ CAPILLARIES/ CEPHALOTHIN, therapeutic use/ *EAR, EXTERNAL, injuries/ EAR, EXTERNAL, surgery/ ESTHETICS/ FOLLOW-UP STUDIES/ HEPARIN, therapeutic use/ HISTAMINE, therapeutic use/ HUMAN/ KANAMYCIN, therapeutic use/ MALE/ *REIMPLANTATION

1379. **Cliff WJ, Grobéty J, Ryan GB:** Postoperative

pericardial adhesions. The role of mild serosal injury and spilled blood.
J Thorac Cardiovasc Surg 65:744-50, May 73
*ADHESIONS, etiology/ ADHESIONS, pathology/ ANIMAL EXPERIMENTS/ *BLOOD/ FEMALE/ *HEART SURGERY/ MALE/ MYOCARDIUM, pathology/ PERICARDIAL EFFUSION, complications/ *PERICARDIUM/ PERICARDIUM, pathology/ PERICARDIUM, surgery/ RABBITS

1380. **Cline RE, Kiebanoff G, Armstrong RG, et al:** Extracorporal circulation in hypothermia as used for total-body washout in stage IV hepatic coma.
Ann Thorac Surg 16:44-51, Jul 73
BICARBONATES, therapeutic use/ BRAIN DISEASES, prevention & control/ *EXCHANGE TRANSFUSION/ *EXTRACORPOREAL CIRCULATION/ HEPARIN, therapeutic use/ *HEPATIC COMA, therapy/ HUMAN/ HYPOTHERMIA, INDUCED/ LIVER REGENERATION/ METHODS/ PERFUSION/ SERUM ALBUMIN, therapeutic use/ SODIUM, therapeutic use

1381. **Closset J, Hennen G, Lequin RM:** Human luteinizing hormone. The amino acid sequence of the subunit.
FEBS Lett 29:97-100, 15 Jan 73
ALKYLATION/ AMINO ACID SEQUENCE/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ DANSYL COMPOUNDS/ DITHIOTHREITOL/ ELECTROPHORESIS/ GEL FILTRATION/ HUMAN/ IODOACETATES/ *LH, analysis/ MACROMOLECULAR SYSTEMS/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ THERMOLYSIN/ TRITIUM/ TRYPSIN

1382. **Clot JP, Cady J, Bacourt F, et al:** Hépatectomie et traumatismes du foie (a propos de 12 observations.
Ann Chir 26:827-37, Sep 72 (Fre)
ADOLESCENCE/ ADULT/ CHOLANGIOGRAPHY/ EMERGENCIES/ ENGLISH ABSTRACT/ FEMALE/ HEMOSTASIS/ *HEPATECTOMY/ HUMAN/ *LIVER, injuries/ MALE/ METHODS/ RESUSCITATION

1383. **Clyne DH, Norris SH, Modesto RR, et al:** Antibody enzyme conjugates: the preparation of intermolecular conjugates of horseradish peroxidase and antibody and their use in immunohistology of renal cortex.
J Histochem Cytochem 21:233-40, Mar 73
ANIMAL EXPERIMENTS/ *ANTIBODIES, analysis/ ANTIGEN-ANTIBODY REACTIONS/ CENTRIFUGATION, DENSITY GRADIENT/ FIBRINOGEN/ GAMMA GLOBULIN/ GEL FILTRATION/ GOATS, immunology/ HISTOCYTOCHEMISTRY/ HUMAN/ IMMUNOELECTROPHORESIS/ IODINE ISOTOPES/ KIDNEY, anatomy & histology/ *KIDNEY, immunology/ KIDNEY CORTEX, immunology/ KIDNEY DISEASES, immunology/ MONKEYS/ *PEROXIDASES, analysis/ PLANTS, enzymology/ RABBITS/ RABBITS, immunology/ SCHIFF BASES/ SOLUBILITY/ STAINS AND STAINING

1384. **Cmelik SH, Bullock MR, Ley HE:** Essential fatty acid content of dietary fats and fat rich foods used in Rhodesia.
Cent Afr J Med 18:153-6, Aug 72
CHOLESTEROL/ CORONARY DISEASE, occurrence/ DIET, ATHEROGENIC/ *DIETARY FATS/ *FATTY ACIDS, ESSENTIAL/ HUMAN/ RHODESIA

1385. **Cobo L:** Cardioversión. Resultados e indicaciones.
Rev Esp Cardiol 25:401-6, Sep-Oct 72 (Spa)
ANTICOAGULANTS, therapeutic use/ *ARRHYTHMIA, therapy/ AURICULAR FIBRILLATION, therapy/ *ELECTRIC COUNTERSHOCK/ ELECTRIC COUNTERSHOCK, adverse effects/ ENGLISH ABSTRACT/ HUMAN/ METHODS/ TACHYCARDIA, therapy/ VENTRICULAR FIBRILLATION, therapy

1386. **Coccheri S, Alessandrini M, Fregni L, et al:** Significance and comparison of two methods for platelet aggregation.
Adv Exp Med Biol 34:97-121, 1972
ANTICOAGULANTS/ CITRATES/ HUMAN/ LUPUS ERYTHEMATOSUS, SYSTEMIC, diagnosis/ METHODS/ *PLATELET ADHESIVENESS/ RAYNAUD'S DISEASE, diagnosis/ THROMBOSIS, diagnosis

1387. **Coccheri S, De Rosa V:** Inhibitors of fibrinolysis: evidence of some instances of mutual potentiation.
J Clin Pathol 25:627-8, Jul 72
AMINOCAPROIC ACID/ *ANTIFIBRINOLYTIC AGENTS/ BLOOD PLATELETS/ CATTLE/ DRUG SYNERGISM/ FIBRINOGEN/ FIBRINOLYSIN, antagonists & inhibitors/ FIBRINOLYTIC AGENTS, antagonists & inhibitors/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR/ MACROGLOBULINS/ STREPTOKINASE, antagonists & inhibitors

1388. **Coccheri S, Gasbarrini G:** The relevance of blood clotting tests in chronic aggressive hepatitis.
Scand J Gastroenterol [Suppl] 19:97-101, 1973
ANALYSIS OF VARIANCE/ ANTITHROMBIN, metabolism/ BIOPSY/ *BLOOD COAGULATION TESTS/ BLOOD PROTEIN ELECTROPHORESIS/ CHRONIC DISEASE/ CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION/ FACTOR V, metabolism/ FACTOR X, metabolism/ FIBRINOGEN, metabolism/ HEPARIN, therapeutic use/ *HEPATITIS, blood/ HEPATITIS, pathology/ HUMAN/ IMMUNOELECTROPHORESIS/ INDICATORS AND REAGENTS/ LIVER FUNCTION TESTS/ MACROGLOBULINS, metabolism/ METHODS/ PROTHROMBIN TIME/ SERUM ALBUMIN

1389. **Cockett AT:** Pathophysiology of shock secondary to underwater decompression sickness.
Bull Soc Int Chir 32:229-37, Mar-Apr 73
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ BRAIN, physiopathology/ CHOLESTEROL, blood/ *DECOMPRESSION SICKNESS, complications/ DECOMPRESSION SICKNESS, drug therapy/ DEXTRAN, therapeutic use/ DOGS/ ELECTROENCEPHALOGRAPHY/ HEPARIN, therapeutic use/ HUMAN/ LIPIDS, blood/ MONKEYS/ PLASMA/ PRIMATES/ PULMONARY EMBOLISM/ SHOCK, drug therapy/ SHOCK, etiology/ *SHOCK, physiopathology

1390. **Coculescu M, Pavel S:** Arginine vasotocin-like activity of cerebrospinal fluid in diabetes insipidus.
J Clin Endocrinol Metab 36:1031-2, May 73
ADULT/ AGED/ ANIMAL EXPERIMENTS/ ARGININE/ BLADDER, drug effects/ CHICKENS/ *DIABETES INSIPIDUS, cerebrospinal fluid/ DIURESIS, drug effects/ FEMALE/ FROGS/ HUMAN/ MALE/ MIDDLE AGE/ OVIDUCTS, drug effects/ RATS/ THIOGLYCOLATES, pharmacodynamics/ TRYPSIN, pharmacodynamics/ *VASOTOCIN, cerebrospinal fluid

1391. **Coelingh JP, Monfoort CH, Rozijn TH, et al:** The complete amino acid sequence of the basic nuclear protein of bull spermatozoa.
Biochim Biophys Acta 285:1-14, 28 Nov 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CARBOXYPEPTIDASES/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ CYANATES/ GEL FILTRATION/ *HISTONES, analysis/ IMINES/ MALE/ MERCAPTOETHANOL/ METHYLATION/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ *SPERMATOZOA, analysis/ SUCCINIMIDES/ THERMOLYSIN/ THIOCYANATES

1392. **Coffee CJ, Aaronson RP, Frieden C:** Rabbit muscle phosphofructokinase: studies of the subunit molecular weight and structure. Isolation of carboxymethylated cysteinyl peptides and sedimentation equilibrium studies.
J Biol Chem 248:1381-7, 25 Feb 73

ALKYLATION/ AMINO ACIDS, analysis/ CARBON ISOTOPES/ CHROMATOGRAPHY, ION EXCHANGE/ CYSTEINE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GUANIDINES/ IODOACETATES/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ *MUSCLES, enzymology/ PEPTIDES, analysis/ *PEPTIDES, isolation & purification/ *PHOSPHOFRUCTOKINASE, analysis/ PROTEIN DENATURATION/ RABBITS/ SODIUM DODECYL SULFATE/ SPECTROPHOTOMETRY/ TRYPSIN/ ULTRACENTRIFUGATION

1393. **Coffee CJ, Bradshaw RA:** Carp muscle calcium-binding protein. I. Characterization of the tryptic peptides and the complete amino acid sequence of component B. J Biol Chem 248:3302-12, 10 May 73
*AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ *CALCIUM/ CARBON ISOTOPES/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN LAYER/ *CYPRINIDAE/ DANSYL COMPOUNDS/ MUSCLE PROTEINS, analysis/ *MUSCLE PROTEINS, isolation & purification/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PROTEIN BINDING/ PROTEIN HYDROLYSATES/ THERMOLYSIN/ TRYPSIN

1394. **Cogoli A, Eberle A, Sigrist H, et al:** Subunits of the small-intestinal sucrase-isomaltase complex and separation of its enzymatically active isomaltase moiety. Eur J Biochem 33:40-8, 15 Feb 73
AMINO ACIDS, analysis/ CARBOHYDRATES, analysis/ CHROMATOGRAPHY, PAPER/ CYANOGEN BROMIDE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ *GLYCOSIDE HYDROLASES, isolation & purification/ HYDROLYSIS/ *INTESTINE, SMALL, enzymology/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ SODIUM DODECYL SULFATE/ *SUCRASE, isolation & purification/ TRYPSIN/ UREA

1395. **Cohen A, Heller H, Kulka RG:** The effect of hydrocortisone on exportable enzyme accumulation in the differentiating chick pancreas.
Dev Biol 29:293-306, Nov 72
AMYLASE, metabolism/ ANIMAL EXPERIMENTS/ CARBOXYPEPTIDASES, metabolism/ CELL DIFFERENTIATION/ *CHICK EMBRYO, enzymology/ CHYMOTRYPSIN, metabolism/ ENDONUCLEASES, metabolism/ ENDOPLASMIC RETICULUM/ *HYDROCORTISONE, pharmacodynamics/ PANCREAS, cytology/ *PANCREAS, embryology/ PANCREAS, enzymology/ STIMULATION, CHEMICAL

1396. **Cohen AS, Canoso JJ:** Criteria for the classification of systemic lupus erythematosus--status 1972.
Arthritis Rheum 15:540-3, Sep-Oct 72
ALOPECIA, etiology/ ANEMIA, HEMOLYTIC, etiology/ ARTHRITIS, etiology/ CONVULSIONS, etiology/ ERYTHEMA, etiology/ FALSE POSITIVE REACTIONS/ HUMAN/ LE CELLS/ LEUKOPENIA, etiology/ LUPUS ERYTHEMATOSUS, DISCOID, etiology/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, classification/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ LUPUS ERYTHEMATOSUS, SYSTEMIC, diagnosis/ MOUTH DISEASES, etiology/ NASOPHARYNGEAL DISEASES, etiology/ PERICARDITIS, etiology/ PHOTOSENSITIZATION, etiology/ PLEURAL DISEASES, etiology/ PROTEINURIA, etiology/ PSYCHOSES, etiology/ RAYNAUD'S DISEASE, etiology/ THROMBOPENIA, etiology/ ULCER, etiology

1397. **Cohen E, Buchmeyer K:** Application of paper discs in immuno-electro-osmophoresis for detection of HAA (hepatitis associated antigen).
Prog Immunobiol Stand 5:67-9, 1972
*AUSTRALIA ANTIGEN, isolation & purification/ BLOOD DONORS/ COMPARATIVE STUDY/ ELECTROPHORESIS, DISK/ *ELECTROPHORESIS, PAPER/ EVALUATION STUDIES/ GEL DIFFUSION TESTS/ HEPATITIS, HOMOLOGOUS SERUM, diagnosis/ HUMAN/ *IMMUNOELECTROPHORESIS/ PROTAMINES/ SERODIAGNOSIS/ SULFATES

1398. **Cohen G, Peterson A:** Treatment of hereditary angioedema with frozen plasma.
Ann Allergy 30:690-2, Dec 72
ADULT/ *ANGIONEUROTIC EDEMA, therapy/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ COMPLEMENT/ ESTERASES, antagonists & inhibitors/ FEMALE/ FREEZING/ HUMAN/ IMMUNOLOGIC DEFICIENCY SYNDROMES/ *PLASMA

1399. **Cohen I, Cohen C, Vries A de:** Système de relaxation dans les plaquettes.
Nouv Rev Fr Hematol 12:703, Sep-Oct 72 (Fre)
ACTOMYOSIN, antagonists & inhibitors/ ACTOMYOSIN, isolation & purification/ *BLOOD PLATELETS, analysis/ BLOOD PROTEINS, isolation & purification/ HUMAN/ PROTEIN CONFORMATION

1400. **Cohen I, Cohen C:** A tropomyosin-like protein from human platelets. J Mol Biol 68:383-7, 21 Jul 72
ACTIN/ ACTOMYOSIN/ AMINO ACIDS, analysis/ *BLOOD PLATELETS, analysis/ ELECTROPHORESIS/ HUMAN/ MOLECULAR WEIGHT/ MUSCLE CONTRACTION/ *MUSCLE PROTEINS/ PROTEIN BINDING/ PROTEIN CONFORMATION/ *PROTEINS, analysis/ PROTEINS, physiology/ TROPOMYOSIN

1401. **Cohen KL, Rubin PE, Echevarria RA, et al:** Alpha-1 antitrypsin deficiency, emphysema, and cirrhosis in an adult. Ann Intern Med 78:227-32, Feb 73
ANTIBODY FORMATION/ AUTOPSY/ CASE REPORT/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ LIVER, analysis/ LIVER, immunology/ LIVER, pathology/ *LIVER CIRRHOSIS, etiology/ LIVER CIRRHOSIS, pathology/ MALE/ *METABOLISM, INBORN ERRORS, complications/ METABOLISM, INBORN ERRORS, immunology/ METABOLISM, INBORN ERRORS, pathology/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ *PULMONARY EMPHYSEMA, complications/ TRYPSIN INHIBITORS, analysis/ *TRYPSIN INHIBITORS, blood

1402. **Cohen MM, Clark HF, Jensen F:** Effects of SV40 virus on the chromosomes of poikilothermic cells (Gekko gecko) cultivated at different temperatures.
Int J Cancer 9:618-25, 15 May 72
ANIMAL EXPERIMENTS/ CELL FUSION/ CELL LINE/ CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED/ CHROMOSOME ABERRATIONS/ *CHROMOSOMES/ KARYOTYPING/ LIZARDS/ MALE/ *SV40 VIRUS/ TEMPERATURE/ TIME FACTORS/ TRYPSIN, pharmacodynamics

1403. **Cohen P:** The subunit structure of rabbit-skeletal-muscle phosphorylase kinase, and the molecular basis of its activation reactions.
Eur J Biochem 34:1-14, 2 Apr 73
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ ADENOSINE TRIPHOSPHATE/ AMINO ACIDS, analysis/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DENSITOMETRY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION, drug effects/ GEL DIFFUSION TESTS/ GEL FILTRATION/ GLYCEROPHOSPHATES/ GLYCOGEN PHOSPHORYLASE/ HYDROGEN-ION CONCENTRATION/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ MUSCLES, enzymology/ *PHOSPHORYLASE KINASE, analysis/ PHOSPHORYLASE KINASE, isolation & purification/ PROTEIN DENATURATION, drug effects/ PROTEIN KINASE/ RABBITS/ SODIUM DODECYL SULFATE/ TRYPSIN/ ULTRACENTRIFUGATION

1404. **Cohen SH, Ehrlich GE, Kauffman MS, et al:**

Thrombophlebitis following knee surgery. J Bone Joint Surg [Am] 55:106-12, Jan 73
ADULT/ ANESTHESIA, GENERAL/ ANESTHESIA, SPINAL/ ARTHRITIS, RHEUMATOID, drug therapy/ *ARTHRITIS, RHEUMATOID, surgery/ DEBRIDEMENT/ FEMALE/ GLUCOCORTICOIDS, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ *KNEE, surgery/ LEG, blood supply/ MALE/ MIDDLE AGE/ OSTEOARTHRITIS, drug therapy/ *OSTEOARTHRITIS, surgery/ OSTEOTOMY/ PHLEBOGRAPHY/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, etiology/ SYNOVIAL MEMBRANE, surgery/ THROMBOPHLEBITIS, drug therapy/ *THROMBOPHLEBITIS, etiology/ TOURNIQUETS, adverse effects/ VEINS

1405. **Cohn J, Nielsen VG:** Development of circulating inhibitor directed against factor VIII in patients with haemophilia-A. Scand J Haematol 9:524-30, 1972
*BLOOD TRANSFUSION, adverse effects/ *FACTOR VIII, antagonists & inhibitors/ FACTOR VIII, therapeutic use/ HEMOPHILIA, immunology/ HEMOPHILIA, therapy/ HUMAN

1406. **Cohn LH, Shumway NE:** Pulmonary embolectomy during pregnancy. Arch Surg 106:214-5, Feb 73
ADULT/ ANGIOGRAPHY/ EXTRACORPOREAL CIRCULATION/ FEMALE/ HEART FAILURE, CONGESTIVE, etiology/ HEPARIN, therapeutic use/ HUMAN/ HYPOTENSION, drug therapy/ HYPOTENSION, etiology/ ISOPROTERENOL, therapeutic use/ METHODS/ PREGNANCY/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR, complications/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR, drug therapy/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, surgery/ PULMONARY ARTERY, radiography/ PULMONARY ARTERY, surgery/ PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, drug therapy/ *PULMONARY EMBOLISM, surgery/ VENA CAVA, INFERIOR, surgery

1407. **Coito A:** Surveillance phlébographique dans le traitement des thromboses veineuses récentes. Phlebologie 25:125-36, Apr-Jun 72 (Fre)
*ANTICOAGULANTS, therapeutic use/ ARM, blood supply/ HUMAN/ LEG, blood supply/ METHODS/ *PHLEBOGRAPHY/ POPLITEAL VEIN, radiography/ *THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, radiography/ VALSALVA'S MANEUVER

1408. **Cokelet GR, Smith JH:** The effect of concentric-cylinder viscometer gap size on the experimental rheological properties of human blood. Biorheology 10:51-6, Mar 73
*BLOOD, physiology/ *BLOOD VISCOSITY/ ERYTHROCYTES/ HUMAN/ PLASMA/ RHEOLOGY, instrumentation

1409. **Colardyn F, Elewaut A, Van de Velde E, et al:** Hemangioma of the pancreas. Tijdschr Gastroenterol 15:260-7, 1972
ADULT/ ANGIOGRAPHY/ *HEMANGIOMA, diagnosis/ HUMAN/ MALE/ *PANCREATIC NEOPLASMS, diagnosis

1410. **Cole FE, Parthasarathy R:** The trypsin-trypsin inhibitor complex: crystallization, unit cells and space groups. J Mol Biol 71:105-6, 28 Oct 72
AMMONIUM SULFATE/ CATTLE/ CRYSTALLIZATION/ MOLECULAR WEIGHT/ PANCREAS, enzymology/ SODIUM CHLORIDE/ *TRYPSIN/ *TRYPSIN INHIBITORS/ ULTRACENTRIFUGATION/ X-RAY DIFFRACTION

1411. **Cole M:** Stroke. Some notes on the treatment and prevention. Rocky Mt Med J 70:34-7, Jul 73
ANEURYSM, surgery/ ANTICOAGULANTS, therapeutic use/ CEREBRAL HEMORRHAGE, drug therapy/ *CEREBROVASCULAR DISORDERS/ CEREBROVASCULAR DISORDERS, prevention & control/ CEREBROVASCULAR DISORDERS, therapy/ HUMAN/ SUBARACHNOID HEMORRHAGE, surgery/ VASODILATOR AGENTS, therapeutic use

1412. **Cole TB, Baylin G:** Radiographic evaluation of the prevertebral space. Laryngoscope 83:721-32, May 73
ANGIOMA, SCLEROSING, radiography/ CALCINOSIS, radiography/ DIAGNOSIS, DIFFERENTIAL/ EAR CANAL, radiography/ EAR DISEASES, diagnosis/ ESOPHAGUS, radiography/ HUMAN/ NECK, anatomy & histology/ *NECK, radiography/ NECK NEOPLASMS, diagnosis/ *SPINE, radiography

1413. **Cole VA, Normand IC, Reynolds EO, et al:** Pathogenesis of hemorrhagic pulmonary edema and massive pulmonary hemorrhage in the newborn. Pediatrics 51:175-87, Feb 73
ACID-BASE EQUILIBRIUM/ ASPHYXIA NEONATORUM, complications/ BLOOD COAGULATION DISORDERS, complications/ BLOOD GAS ANALYSIS/ BLOOD PROTEINS, analysis/ BODY TEMPERATURE/ BRADYCARDIA, etiology/ FEMALE/ *HEART FAILURE, CONGESTIVE, complications/ HEART VENTRICLE/ HEMATOCRIT/ HEMORRHAGE, complications/ *HEMORRHAGE, etiology/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, etiology/ INFUSIONS, PARENTERAL/ INTUBATION, INTRATRACHEAL/ LUNG DISEASES, complications/ *LUNG DISEASES, etiology/ MALE/ OXYGEN, metabolism/ PULMONARY EDEMA, complications/ *PULMONARY EDEMA, etiology/ RESPIRATION, ARTIFICIAL

1414. **Coleman DJ:** Reliability of ocular and orbital diagnosis with B-scan ultrasound. 2. Orbital diagnosis. Am J Ophthalmol 74:704-18, Oct 72
ABSCESS, diagnosis/ *CELLULITIS, diagnosis/ DERMOID CYST, diagnosis/ EVALUATION STUDIES/ EYE DISEASES, diagnosis/ *FOREIGN BODIES, diagnosis/ *GLIOMA, diagnosis/ GRANULOMA, diagnosis/ *HEMANGIOMA, diagnosis/ HUMAN/ *LYMPHANGIOMA, diagnosis/ *LYMPHOMA, diagnosis/ *MENINGIOMA, diagnosis/ MUCOCELE, diagnosis/ NEOPLASM METASTASIS/ *NEUROFIBROMA, diagnosis/ *ORBITAL NEOPLASMS, diagnosis/ THYROID DISEASES, diagnosis/ *ULTRASONICS, diagnostic use

1415. **Coleman DJ, Jack RL, Franzen LA:** High resolution B-scan ultrasonography of the orbit. II. Hemangiomas of the orbit. Arch Ophthalmol 88:368-74, Oct 72
CHILD/ EXOPHTHALMOS, etiology/ *HEMANGIOENDOTHELIOMA, diagnosis/ *HEMANGIOMA, diagnosis/ *HEMANGIOMA, CAVERNOUS, diagnosis/ *HEMANGIOPERICYTOMA, diagnosis/ HUMAN/ *ORBITAL NEOPLASMS, diagnosis/ *ULTRASONICS, diagnostic use

1416. **Coleman M:** Serotonin and central nervous system syndromes of childhood: a review. J Autism Child Schizo 3:27-35, Jan-Mar 73 (29 ref.)
ANIMAL EXPERIMENTS/ AUTISM, EARLY INFANTILE, blood/ BLOOD PLATELETS, metabolism/ *BRAIN DISEASES, blood/ BRAIN DISEASES, diagnosis/ BRAIN DISEASES, metabolism/ HUMAN/ HYPERKINESIS, blood/ *MENTAL DISORDERS, blood/ MENTAL DISORDERS, metabolism/ MENTAL RETARDATION, blood/ MODELS, BIOLOGICAL/ RATS/ REVIEW/ SCHIZOPHRENIA, CHILDHOOD, blood/ *SEROTONIN, blood/ SEROTONIN, metabolism/ SYNDROME

1417. **Coleoni AH:** Effects of the administration of catecholamine-depleting drugs on the thyroid function of the rat. Pharmacology 8:300-10, 1972
AMINOCAPROIC ACID, pharmacodynamics/ AMPHETAMINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ *CATECHOLAMINES, antagonists & inhibitors/ COLD/ GUANETHIDINE, pharmacodynamics/

HALF-LIFE/ HYPOTHALAMUS, metabolism/ IODINE ISOTOPES/ MALE/ METHYLTYROSINES, pharmacodynamics/ MYOCARDIUM, metabolism/ NOREPINEPHRINE, metabolism/ RATS/ RESERPINE, pharmacodynamics/ TETRABENAZINE, pharmacodynamics/ *THYROID GLAND, drug effects/ THYROID GLAND, metabolism/ THYROID GLAND, physiology/ THYROTROPIN, metabolism

1418. **Coletsos P:** La vitamine K hydrosoluble adjuvant physiologique dans la révélation de l'allergie tuberculinique latente chez le cobaye.
C R Acad Sci [D] (Paris) 275:615-7, 24 Jul 72 **(Fre)**
ANIMAL EXPERIMENTS/ *BCG VACCINATION/ DRUG SYNERGISM/ GUINEA PIGS/ *HYPERSENSITIVITY, DELAYED, diagnosis/ METHODS/ TIME FACTORS/ *TUBERCULIN TEST/ *VITAMIN K, diagnostic use

1419. **Coletti-Previero MA, Axelrud-Cavadore C, Previero A:** Methyl-1-methyl-3,4-dihydro--carboline-3-carboxylate as a new chromogenic substrate for -chymotrypsin.
Biochem Biophys Res Commun 49:301-5, 17 Oct 72
ACETYLATION/ ALCOHOL, METHYL/ ALCOHOL, METHYL, chem synthesis/ AMIDES/ AMIDES, chem synthesis/ AMMONIA/ CARBOXYLIC ACIDS/ CHEMISTRY/ *CHYMOTRYPSIN/ ESTERS, chem synthesis/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ *INDOLES/ *PYRIDINES/ SPECTROPHOTOMETRY, ULTRAVIOLET/ STEREOISOMERS/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPTOPHAN

1420. **Colin R:** Les anastomoses porto-réno-caves. Décompression portale efficace et réversible.
Ann Chir 27:322-5, Mar 73 **(Fre)**
ANGIOMATOSIS, therapy/ CHILD/ HUMAN/ LIVER CIRRHOSIS, therapy/ *PORTACAVAL ANASTOMOSIS/ *RENAL VEINS, surgery

1421. **Collier JG, Robinson BF, Vane JR:** Reduction of pressor effects of angiotensin I in man by synthetic nonapeptide (B.P.P. 9a or SQ 20,881) which inhibits converting enzyme. Lancet 1:72-4, 13 Jan 73
ADULT/ ANGIOTENSIN, administration & dosage/ *ANGIOTENSIN, antagonists & inhibitors/ BLOOD PRESSURE, drug effects/ *BRADYKININ, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ELECTROCARDIOGRAPHY/ HUMAN/ HYPERTENSION, diagnosis/ HYPERTENSION, drug therapy/ HYPERTENSION, enzymology/ IN VITRO/ INJECTIONS, INTRAVENOUS/ KININASE II, antagonists & inhibitors/ MALE/ OLIGOPEPTIDES, diagnostic use/ *OLIGOPEPTIDES, pharmacodynamics/ OLIGOPEPTIDES, therapeutic use/ *PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ *PEPTIDES, pharmacodynamics/ TIME FACTORS/ VENOMS

1422. **Collier M:** Perilimbale Lokalisation bei einer Gesichtsangiomatosis.
Klin Monatsbl Augenheilkd 161:464-6, Oct 72 **(Ger)**
CHILD/ *CONJUNCTIVA/ ENGLISH ABSTRACT/ EYELID DISEASES, congenital/ FACE/ *FACIAL NEOPLASMS, complications/ FACIAL NEOPLASMS, congenital/ *HEMANGIOMA, complications/ HEMANGIOMA, congenital/ HUMAN/ MALE/ MIDDLE AGE/ RETINAL VESSELS, abnormalities/ *TELANGIECTASIS, etiology

1423. **Collin JP, Meiniel A:** L'organe pinéal du genre Lacerta (reptile, lacertilien): action d'enzymes protéolytiques sur les grains denses (500-3400 A) des photorécepteurs rudimentaires.
C R Soc Biol (Paris) 166:370-4, 9 Nov 72 **(Fre)**
ANIMAL EXPERIMENTS/ CYTOPLASMIC GRANULES/ GOLGI APPARATUS/ *LIZARDS/ MICROSCOPY, ELECTRON/ PAPAIN, pharmacodynamics/ PEPSIN, pharmacodynamics/ *PEPTIDE HYDROLASES, pharmacodynamics/ *PHOTORECEPTORS, drug effects/ *PINEAL BODY, drug effects/ PRONASE, pharmacodynamics/ REPTILES/ TRYPSIN, pharmacodynamics

1424. **Collins JJ, Black PH:** Analysis of surface antigens on simian virus 40-transformed cells. II. Exposure of simian virus 40-induced antigens on transformed rabbit kidney and inbred hamster kidney cells by phospholipase C. J Natl Cancer Inst 51:115-34, Jul 73
ANIMAL EXPERIMENTS/ ANTIGENIC DETERMINANTS/ *ANTIGENS, VIRAL, analysis/ CELL DIVISION/ CELL MEMBRANE, immunology/ *CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED/ EDTA, pharmacodynamics/ FLUORESCENT ANTIBODY TECHNIC/ HAMSTERS/ HYALURONIDASE, pharmacodynamics/ IMMUNE SERUMS/ IMMUNIZATION/ *KIDNEY, immunology/ KIDNEY NEOPLASMS, immunology/ NEOPLASMS, EXPERIMENTAL, immunology/ NEURAMINIDASE, pharmacodynamics/ PHOSPHOLIPASE, pharmacodynamics/ *PHOSPHOLIPASE, pharmacodynamics/ RABBITS/ *SV40 VIRUS, immunology/ TRYPSIN, pharmacodynamics

1425. **Collins JP:** Conformational changes of IRC-50 arvin at high pH. Biochem J 128:132P, Jul 72
ANTICOAGULANTS/ CATALYSIS/ *HEMOSTATICS/ HYDROGEN-ION CONCENTRATION/ *PEPTIDE HYDROLASES/ PROTEIN CONFORMATION/ STRUCTURE-ACTIVITY RELATIONSHIP/ *VENOMS

1426. **Collins JP, Grappel SF, Blank F:** Role of keratinases in dermatophytosis. II. Fluorescent antibody studies with keratinase II of Trichophyton mentagrophytes.
Dermatologica 146:95-100, 1973
ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ BIOPSY/ FLUORESCENT ANTIBODY TECHNIC/ GUINEA PIGS/ HYPERSENSITIVITY, IMMEDIATE, immunology/ IMMUNIZATION/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ *SKIN, enzymology/ SKIN, immunology/ TIME FACTORS/ *TINEA, enzymology/ TINEA, immunology/ *TRICHOPHYTON, enzymology/ TRICHOPHYTON, immunology

1427. **Collins M, Wagner RP:** Branded chain amino acid aminotransferases of Neurospora crassa.
Arch Biochem Biophys 155:184-93, Mar 73
AMINO ACIDS/ AMINOTRANSFERASES, antagonists & inhibitors/ AMINOTRANSFERASES, isolation & purification/ *AMINOTRANSFERASES, metabolism/ AMMONIUM SULFATE/ BIOLOGICAL ASSAY/ BUFFERS/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CULTURE MEDIA/ CYTOSOL, enzymology/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FUNGAL PROTEINS, analysis/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ ISOLEUCINE, metabolism/ KETOGLUTARIC ACID, metabolism/ MITOCHONDRIA, enzymology/ MOLECULAR WEIGHT/ *NEUROSPORA, enzymology/ NEUROSPORA CRASSA, cytology/ NEUROSPORA CRASSA, enzymology/ PHENYLALANINE, metabolism/ PROTAMINES/ SULFHYDRYL REAGENTS, pharmacodynamics/ VALINE, metabolism/ VIBRATION

1428. **Coliste LG, Groth CG, Kashiwagi N, et al:** Properties of anti-dog lymphocytic globulin raised with two cell types and immunization schedules.
Acta Chir Scand 138:775-80, 1972
AGGLUTINATION/ ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ *ANTILYMPHOCYTE SERUM/ BLOOD CELL COUNT/ BLOOD PLATELETS, immunology/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ DOGS/ ERYTHROCYTES, immunology/ GRAFT REJECTION/ HORSES, immunology/ IMMUNIZATION SCHEDULE/ IMMUNOSUPPRESSION/ LEUKOCYTES,

immunology/ LYMPHOCYTES, immunology/ SKIN, transplantation/ *SPLEEN, cytology/ *THYMUS GLAND, cytology/ TRANSPLANTATION, HOMOLOGOUS

1429. **Colman RW:** Immunologic heterogeneity of hemophilia. N Engl J Med 288:369-70, 15 Feb 73
ANTIGENS, analysis/ BINDING SITES, ANTIBODY/ FACTOR VIII, analysis/ HEMOPHILIA, blood/ *HEMOPHILIA, immunology/ HUMAN/ VON WILLEBRAND'S DISEASE, blood/ VON WILLEBRAND'S DISEASE, immunology

1430. **Colomb D:** La triade: atrophie sénile diffuse, purpura de Bateman, pseudo-cicatrices stellaires spontanées. Association fréquemment rencontrée au cours de la sénescence cutanée. Maroc Med 52:344-7, Jun 72 (Fre)
AGED/ *AGING/ ATROPHY, complications/ *CICATRIX, complications/ *HEMATOMA, complications/ HUMAN/ *NUTRITION DISORDERS, complications/ *PURPURA, complications/ SKIN DISEASES, complications

1431. **Colombani J, Colombani M, Dastot H, et al:** Immunisation transfusionnelle anti-HL-A après circulation extra-corporelle.
Nouv Rev Fr Hematol 12:201-16, Mar-Apr 72 (Fre)
ADULT/ *ANTIBODIES, analysis/ ANTIGEN-ANTIBODY REACTIONS/ BLOOD PLATELETS, immunology/ BLOOD TRANSFUSION/ COMPLEMENT FIXATION TESTS/ CROSS REACTIONS/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ ENGLISH ABSTRACT/ *EXTRACORPOREAL CIRCULATION/ FEMALE/ GENES/ HISTOCOMPATIBILITY ANTIGENS/ HOMOZYGOTE/ HUMAN/ *IMMUNIZATION/ IMMUNOGENETICS/ LYMPHOCYTES, immunology/ MALE/ MATERNAL-FETAL EXCHANGE/ MIDDLE AGE/ PREGNANCY/ SEX FACTORS/ STATISTICS/ TIME FACTORS

1432. **Colvin RB, Johnson RA, Mihm MC Jr, et al:** Role of the clotting system in cell-mediated hypersensitivity. I. Fibrin deposition in delayed skin reactions in man.
J Exp Med 138:686-98, 1 Sep 73
ADOLESCENCE/ ADULT/ BIOPSY/ *BLOOD COAGULATION/ *DERMATITIS, CONTACT, metabolism/ FEMALE/ *FIBRIN, metabolism/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ *HYPERSENSITIVITY, DELAYED/ *IMMUNITY, CELLULAR/ MALE/ MIDDLE AGE/ *SKIN, metabolism/ SKIN TESTS

1433. **Combrisson A:** Les globules rouges conservés par congélation a basse température.
Rev Prat 22:1479-80 passim, 21 Mar 72 (Fre)
ABO FACTORS/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, therapy/ BLOOD GROUPS/ BLOOD PRESERVATION/ BLOOD TRANSFUSION, AUTOLOGOUS/ CELL SURVIVAL/ CRYOPROTECTIVE AGENTS/ ECONOMICS, MEDICAL/ ERYTHROCYTES/ FRANCE/ FREEZING/ HISTOCOMPATIBILITY TESTING/ METHODS/ NITROGEN/ SPECIAL LIST FOREIGN/ THROMBOPENIA, therapy/ TISSUE EXTRACTS, administration & dosage/ TRANSPLANTATION

1434. **Combs JW, Purnell DM:** Functional characteristics of mast cells associated with rat mammary tumors induced by 7,12-dimethylbenz(a)anthracene.
J Natl Cancer Inst 50:1003-11, Apr 73
ADENOFIBROMA, pathology/ ADENOMA, pathology/ ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ *BENZANTHRACENES/ CELL DIVISION/ CYSTADENOMA, pathology/ FEMALE/ HEPARIN, metabolism/ *HEPARIN, secretion/ HISTOCYTOCHEMISTRY/ *MAMMARY NEOPLASMS, EXPERIMENTAL, chemically induced/ MAMMARY NEOPLASMS, EXPERIMENTAL, pathology/ MAST CELLS, enzymology/ *MAST CELLS, metabolism/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ RATS/ SULFUR ISOTOPES/ THYMIDINE, metabolism/ TRITIUM

1435. **Comings DE, Avelino E, Okada TA, et al:** The mechanism of C- and G-banding of chromosomes.
Exp Cell Res 77:469-83, 15 Mar 73
ACRIDINES, pharmacodynamics/ CHROMATIDS, analysis/ *CHROMOSOMES/ CHROMOSOMES, drug effects/ DENSITOMETRY/ DNA, analysis/ DNA, isolation & purification/ EVALUATION STUDIES/ *GENETIC TECHNICS/ HAMSTERS/ HETEROCHROMATIN, analysis/ HETEROCHROMATIN, isolation & purification/ HISTOCYTOCHEMISTRY/ HISTONES, analysis/ MICE/ MICROSCOPY, ELECTRON/ NUCLEIC ACID DENATURATION/ NUCLEIC ACID RENATURATION/ PROTEINS, analysis/ RNA, analysis/ SODIUM HYDROXIDE, pharmacodynamics/ STAINS AND STAINING/ SUBCELLULAR FRACTIONS, analysis/ TIME FACTORS/ TRITIUM/ TRYPSIN, pharmacodynamics/ ULTRACENTRIFUGATION

1436. **Conard J, Samama M, Salomon Y:** Antithrombin 3 and the estrogen content of combined estro-progestagen contraceptives. Lancet 2:1148-9, 25 Nov 72
*ANTITHROMBIN, analysis/ *CONTRACEPTIVES, ORAL, adverse effects/ *ESTROGENS, adverse effects/ FEMALE/ HUMAN/ *THROMBOEMBOLISM, chemically induced

1437. **Condie RM, White JG, Najarian JS:** Platelet activity of antilymphocyte serum (ALS) preparations.
Transplant Proc 5:555-9, Mar 73
ADSORPTION/ *ANTIGENS/ *ANTILYMPHOCYTE SERUM/ *BLOOD PLATELETS, immunology/ ERYTHROCYTES, immunology/ GOATS, immunology/ HORSES, immunology/ PLATELET ADHESIVENESS/ RABBITS, immunology

1438. **Condon PI, Serjeant GR:** Ocular findings in hemoglobin SC disease in Jamaica.
Am J Ophthalmol 74:921-31, Nov 72
ADOLESCENCE/ ADULT/ *ANEMIA, SICKLE CELL, complications/ ARTERIOVENOUS MALFORMATIONS, occurrence/ BLOOD VISCOSITY/ CHILD/ CORNEA/ *EYE DISEASES, etiology/ EYE DISEASES, occurrence/ FEMALE/ *HEMOGLOBIN C DISEASE, complications/ HEMOGLOBINOMETRY/ HUMAN/ JAMAICA/ MALE/ MIDDLE AGE/ RETINA, blood supply/ RETINAL DETACHMENT, complications/ *RETINAL DISEASES, etiology/ RETINAL DISEASES, occurrence/ RETINAL HEMORRHAGE, occurrence/ VASCULAR DISEASES, complications/ VISUAL ACUITY

1439. **Connell RS, Page US, Bartley TD, et al:** The effect on pulmonary ultrastructure of dacron-wool filtration during cardiopulmonary bypass.
Ann Thorac Surg 15:217-29, Mar 73
BIOPSY/ *BLOOD PLATELETS/ *EXTRACORPOREAL CIRCULATION, adverse effects/ *FILTRATION/ HUMAN/ *LEUKOCYTES/ LUNG, pathology/ MICROCIRCULATION/ PLATELET ADHESIVENESS/ POLYETHYLENE TEREPHTHALATE/ PULMONARY CIRCULATION/ PULMONARY EDEMA, pathology/ PULMONARY EDEMA, prevention & control/ PULMONARY EMBOLISM, pathology/ *PULMONARY EMBOLISM, prevention & control

1440. **Connell RS, Swank RL:** Pulmonary microembolism after blood transfusion: an electron microscopic study. Ann Surg 177:40-50, Jan 73
ANIMAL EXPERIMENTS/ BIOPSY/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION, adverse effects/ CAPILLARIES, pathology/ CELL AGGREGATION/ DOGS/ EPITHELIAL CELLS/ FILTRATION/ LEUKOCYTES/ MICROSCOPY, ELECTRON/ PLATELET ADHESIVENESS/ POLYETHYLENE TEREPHTHALATE/ PULMONARY ALVEOLI, pathology/ *PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, pathology

1441. **Connor KW, Ashwood-Smith MJ:** Ineffectiveness of dimethyl sulfone as a cryoprotectire agent.

Cryobiology 10:87-8, Apr 73
*BLOOD PRESERVATION/ CATTLE/ CRYOPROTECTIVE AGENTS/ DIMETHYL SULFOXIDE/ ERYTHROCYTES/ FREEZING/ HEMOLYSIS/ HUMAN/ *SULFONES

1442. **Connors EC, Greenslade FC, Davanzo JP:** The kinetics of inhibition of rabbit sperm acrosomal proteinase by 1-chloro-3-tosylamido-7-amino-2-heptanone (TLCK).
Biol Reprod 9:57-60, Aug 73
ANIMAL EXPERIMENTS/ ARGININE/ BENZAMIDES/ ESTERS/ HYDROGEN-ION CONCENTRATION/ *KETONES, pharmacodynamics/ KINETICS/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ RABBITS/ SPERMATOZOA, drug effects/ *SPERMATOZOA, enzymology/ TIME FACTORS/ *TOSYL COMPOUNDS, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics

1443. **Console V, Airaghi M, Angelico F, et al:** Coagulopatia da consumo nella insufficienza respiratoria dell'immaturo. Trattamento eparinico.
Minerva Pediatr 25:874-82, 1973 (Ita)
*DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ INFANT, NEWBORN/ *INFANT, PREMATURE, DISEASES, drug therapy/ MALE/ *RESPIRATORY DISTRESS SYNDROME, complications

1444. **Constantian HM, De Girolami E:** Urothelial tumors detected by cytology: new cell block technique.
J Urol 109:304-7, Feb 73
BLADDER NEOPLASMS, diagnosis/ BLADDER NEOPLASMS, pathology/ *CARCINOMA, TRANSITIONAL CELL, diagnosis/ CARCINOMA, TRANSITIONAL CELL, pathology/ CYTODIAGNOSIS/ FEMALE/ HUMAN/ IRRIGATION/ *KIDNEY NEOPLASMS, diagnosis/ KIDNEY NEOPLASMS, pathology/ *KIDNEY PELVIS/ METHODS/ MIDDLE AGE/ PLASMA/ STAINS AND STAINING/ THROMBIN/ URINARY CATHETERIZATION/ URINE, cytology

1445. **Constantine JW, Coleman GL, Percell IM:** Inversion of an arterial branch: a technique for inducing thrombosis. Atherosclerosis 16:31-6, Jul-Aug 72
ANIMAL EXPERIMENTS/ CAROTID ARTERY, EXTERNAL, surgery/ *DISEASE MODELS, ANIMAL/ *DOGS/ FEMORAL ARTERY, surgery/ FIBRIN/ PLATELET ADHESIVENESS/ *THROMBOSIS, etiology

1446. **Constantini R, Hilbe G, Spötti F, et al:** The plasminogen activator content of the arterial wall in occlusive arterial diseases.
Thromb Diath Haemorrh 27:649-54, 31 Jul 72
ADULT/ AGED/ *ARTERIAL OCCLUSIVE DISEASES, blood/ ARTERIAL OCCLUSIVE DISEASES, pathology/ *ARTERIES, metabolism/ ARTERIES, pathology/ ARTERIOSCLEROSIS, etiology/ AUTOPSY/ ENZYME ACTIVATION/ *FIBRINOLYSIS/ GANGRENE/ HISTOCYTOCHEMISTRY/ HUMAN/ LEG, blood supply/ MIDDLE AGE/ *PLASMINOGEN, metabolism

1447. **Constantopoulos G, Louie M, Dekaban AS:** Acid mucopolysaccharides (glycosaminoglycans) in normal human kidneys and in kidneys of patients with mucopolysaccharidoses. Biochem Med 7:376-88, Jun 73
ADOLESCENCE/ ADULT/ ALCOHOL, ETHYL/ CETYLPYRIDINIUM/ CHILD/ CHONDROITIN/ CHONDROITIN, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ GALACTOSAMINE, analysis/ GLUCOSAMINE, analysis/ HUMAN/ HYALURONIC ACID, analysis/ *KIDNEY, metabolism/ KIDNEY CORTEX, metabolism/ KIDNEY MEDULLA, metabolism/ *LIPOCHONDRODYSTROPHY, metabolism/ LYASES/ MALE/ MIDDLE AGE/ MUCOPOLYSACCHARIDES, analysis/ MUCOPOLYSACCHARIDES, isolation & purification/ *MUCOPOLYSACCHARIDES, metabolism/ PEPTIDE HYDROLASES/ PRECIPITATION/ *RETINITIS PIGMENTOSA, metabolism/ URONIC ACIDS, analysis

1448. **Constantopoulos A, Najjar VA:** The activation of adenylate cyclase. II. The postulated presence of (A) adenylate cyclase in a phospho (inhibited) form (B) a dephospho (activated) form with a cyclic adenylate stimulated membrane protein kinase.
Biochem Biophys Res Commun 53:794-9, 6 Aug 73
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ *ADENYL CYCLASE, blood/ ADENYL CYCLASE, metabolism/ BLOOD PLATELETS, cytology/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, enzymology/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, enzymology/ CYTOSOL, enzymology/ DOGS/ ENZYME ACTIVATION/ FLUORIDES, pharmacodynamics/ KINETICS/ LEUKOCYTES, cytology/ LEUKOCYTES, drug effects/ *LEUKOCYTES, enzymology/ PHOSPHORUS ISOTOPES/ *PHOSPHOTRANSFERASES, metabolism/ PROSTAGLANDINS, pharmacodynamics/ PROTEIN KINASE, metabolism/ RABBITS/ SUBCELLULAR FRACTIONS, metabolism/ TIME FACTORS/ TRITIUM

1449. **Conte J, Mignon-Conte M, Suc JM:** Réflexions critiques sur le traitement de la néphropathie lupique: étude comparée de l'action des corticoïdes, de l'association indométhacine-anti-paludéen de synthèse, et de l'héparine.
J Urol Nephrol (Paris) 79:332-50, Apr-May 73 (Fre)
ADOLESCENCE/ ADULT/ *CHLOROQUINE, therapeutic use/ DRUG SYNERGISM/ FEMALE/ *GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, etiology/ *HEPARIN, therapeutic use/ HUMAN/ *INDOMETHACIN, therapeutic use/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ MALE/ MIDDLE AGE/ *PREDNISONE, therapeutic use

1450. **Conte M, Jarrousse P:** Le devenir de 165 hémorragies ulcéreuses traitées dans un centre spécialisé de soins intensifs.
Sem Hop Paris 49:545-7, 14 Feb 73 (Fre)
ADRENAL CORTEX HORMONES, adverse effects/ AGED/ ANTICOAGULANTS, adverse effects/ ANTI-INFLAMMATORY AGENTS, adverse effects/ ASPIRIN, adverse effects/ EMERGENCIES/ ENGLISH ABSTRACT/ ESOPHAGEAL VARICES, complications/ FEMALE/ HEMORRHAGE, GASTROINTESTINAL, therapy/ HUMAN/ HYPERTENSION, PORTAL, complications/ INTENSIVE CARE UNITS/ MALE/ PEPTIC ULCER HEMORRHAGE, chemically induced/ PEPTIC ULCER HEMORRHAGE, mortality/ *PEPTIC ULCER HEMORRHAGE, therapy/ PROGNOSIS/ RESERPINE, adverse effects/ *STOMACH ULCER, complications/ STOMACH ULCER, surgery

1451. **Cook PJ, Povey S, Robson EB:** Linkage studies on peptidases A, B, C and D in man.
Ann Hum Genet 36:89-97, Jul 72
ERYTHROCYTES, analysis/ FEMALE/ HUMAN/ *LINKAGE (GENETICS)/ MALE/ PEDIGREE/ *PEPTIDE HYDROLASES/ PHENOTYPE/ RECOMBINATION, GENETIC/ SALIVA, analysis

1452. **Cook RT, Aikawa M:** The effects of heparin on endogenous DNA polymerase activity of rat liver nuclei and chromatin fractions.
Exp Cell Res 78:257-70, Apr 73
ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ CELL FRACTIONATION/ CELL NUCLEUS, drug effects/ *CELL NUCLEUS, enzymology/ CELL NUCLEUS, metabolism/ CHROMATIN, drug effects/ *CHROMATIN, enzymology/ DNA, biosynthesis/ *DNA NUCLEOTIDYL-TRANSFERASES, biosynthesis/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *HEPARIN, pharmacodynamics/ HISTOCYTOCHEMISTRY/ HISTONES,

pharmacodynamics/ KINETICS/ LIVER, cytology/ *LIVER, enzymology/ LYSINE, pharmacodynamics/ MALE/ MICROSCOPY, ELECTRON/ ORNITHINE, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL/ SUBCELLULAR FRACTIONS, enzymology/ TIME FACTORS

1453. **Cooke AR**: The role of acid in the pathogenesis of aspirin-induced gastrointestinal erosions and hemorrhage. Am J Dig Dis 18:225-37, Mar 73 (72 ref.)
ALCOHOL, ETHYL, pharmacodynamics/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, metabolism/ ASPIRIN, administration & dosage/ *ASPIRIN, adverse effects/ ASPIRIN, metabolism/ ASPIRIN, therapeutic use/ BLOOD COAGULATION DISORDERS, complications/ BUFFERS/ DOGS/ DOSAGE FORMS/ DRUG SYNERGISM/ *GASTRIC JUICE, secretion/ *GASTRIC MUCOSA, drug effects/ GASTRIC MUCOSA, metabolism/ GUINEA PIGS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INTESTINAL ABSORPTION/ LEUKOCYTES, metabolism/ OCCULT BLOOD/ *PEPTIC ULCER HEMORRHAGE, chemically induced/ PERMEABILITY/ RABBITS/ RATS/ REVIEW/ *STOMACH ULCER, chemically induced/ STOMACH ULCER, prevention & control

1454. **Coon WW, Willis PW 3d**: Recurrence of venous thromboembolism. Surgery 73:823-7, Jun 73
*ANTICOAGULANTS, therapeutic use/ DRUG TOLERANCE/ FOLLOW-UP STUDIES/ HEPARIN, therapeutic use/ HUMAN/ *POSTOPERATIVE COMPLICATIONS/ PROGNOSIS/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, etiology/ *PULMONARY EMBOLISM, occurrence/ RECURRENCE/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, occurrence

1455. **Coon WW, Willis PW 3d**: Recurrence of venous thromboembolism. Surgery 73:823-7, Jun 73
ADULT/ AGE FACTORS/ AMBULATORY CARE/ CHRONIC DISEASE/ COMPARATIVE STUDY/ FEMALE/ *HEPARIN, therapeutic use/ *HOSPITALIZATION/ HUMAN/ LENGTH OF STAY/ MALE/ MIDDLE AGE/ PROTHROMBIN TIME/ *PULMONARY EMBOLISM, drug therapy/ RECURRENCE/ SEX FACTORS/ *THROMBOPHLEBITIS, drug therapy/ TIME FACTORS

1456. **Cooper GW, Cooper B, Ossias AL, et al**: A hypertransfused mouse assay for thrombopoietic factors. Blood 42:423-8, Sep 73
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS/ BLOOD PLATELETS, metabolism/ *BLOOD TRANSFUSION/ CELL SEPARATION/ HEMATOCRIT/ MICE/ RADIOMETRY/ SULFATES, metabolism/ SULFUR ISOTOPES

1457. **Cooper JE, Hsu TC**: The C-band and G-band patterns of Microtus agrestis chromosomes. Cytogenetics 11:295-304, 1972
ANIMAL EXPERIMENTS/ CHROMOSOMES/ CHYMOTRYPSIN/ CYTOLOGICAL TECHNICS/ EAR, cytology/ FEMALE/ HEAT/ HETEROCHROMATIN/ *KARYOTYPING/ MALE/ MITOSIS/ NUCLEIC ACID DENATURATION/ NUCLEIC ACID RENATURATION/ PRONASE/ *RODENTS/ RODENTS, embryology/ SEX CHROMOSOMES/ TRYPSIN

1458. **Cooper MR, Toole JF**: Sickle-cell trait: benign or malignant? Ann Intern Med 77:997-8, Dec 72
*ANEMIA, SICKLE CELL, complications/ BLOOD VISCOSITY/ GENOTYPE/ *HEMOGLOBINS, ABNORMAL, analysis/ HUMAN/ INFARCTION, complications/ ISCHEMIA, complications/ MIGRAINE, complications/ STRESS, complications

1459. **Cooper MR, Turner RA Jr, Hutaff L, et al**: Diabetic keto-acidosis complicated by disseminated intravascular coagulation. South Med J 66:653-7, Jun 73
*ACIDOSIS, DIABETIC, complications/ ACIDOSIS, DIABETIC, diagnosis/ ACIDOSIS, DIABETIC, pathology/ ADULT/ AUTOPSY/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ FEMALE/ HUMAN/ RADIOISOTOPE SCANNING

1460. **Cooper RG, Webb OL**: Plasma fibrinolytic activity associated with flurothyl induced convulsion. Thromb Diath Haemorrh 28:376-82, 31 Dec 72
ANIMAL EXPERIMENTS/ ASPHYXIA, blood/ ASPHYXIA, etiology/ *BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ *CONVULSIONS, chemically induced/ CONVULSIONS, complications/ FIBRINOLYSIS/ *FLUROTHYL/ OXYGEN/ PARALYSIS/ PROTHROMBIN, analysis/ PROTHROMBIN TIME/ RATS/ RESPIRATION, ARTIFICIAL/ SERUM GLOBULINS

1461. **Cooper WC**: Indicators of susceptibility to industrial chemicals. J Occup Med 15:355-9, Apr 73
ANEMIA, SICKLE CELL, complications/ ANEMIA, SICKLE CELL, familial & genetic/ CARBON DISULFIDE, adverse effects/ CARBON DISULFIDE, metabolism/ CHOLINESTERASE, blood/ DRUG HYPERSENSITIVITY, etiology/ EMPLOYMENT/ ENVIRONMENTAL EXPOSURE/ ENVIRONMENTAL HEALTH/ GLUCOSEPHOSPHATE DEHY- DROGENASE DEFICIENCY, complications/ GLUCOSEPHOSPHATE DEHY- DROGENASE DEFICIENCY, familial & genetic/ HEPATOLENTICULAR DEGENERATION, diagnosis/ HUMAN/ *INDUSTRIAL MEDICINE/ INSECTICIDES, ORGANOPHOSPHATE, poisoning/ LUNG DISEASES, OBSTRUCTIVE, etiology/ MAXIMUM PERMISSIBLE EXPOSURE LEVEL/ METABOLISM, INBORN ERRORS, complications/ *TOXICOLOGY/ TRYPSIN INHIBITORS, blood/ UNITED STATES

1462. **Cooperman LB, Rubin IL**: Toxicity of ethacrynic acid and furosemide. Am Heart J 85:831-4, Jun 73 (9 ref.)
ANEMIA, chemically induced/ ANIMAL EXPERIMENTS/ COCHLEA, pathology/ DIARRHEA, chemically induced/ DIURESIS/ ERYTHEMA MULTIFORME, chemically induced/ *ETHACRYNIC ACID, adverse effects/ *FUROSEMIDE, adverse effects/ GUINEA PIGS/ HEARING DISORDERS, chemically induced/ HEARING DISORDERS, pathology/ HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HUMAN/ HYPERGLYCEMIA, chemically induced/ NAUSEA, chemically induced/ PANCREATITIS, chemically induced/ PURPURA, chemically induced/ PURPURA, THROMBOPENIC, chemically induced/ REVIEW/ SHOCK, TOXIC, etiology/ VOMITING, chemically induced

1463. **Copley AL**: On biorheology. Biorheology 10:87-105, Jun 73 (88 ref.)
*BIOLOGY/ BLOOD CIRCULATION/ BLOOD PROTEINS/ BLOOD VISCOSITY/ FIBRINOGEN, physiology/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 19TH CENT./ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ MICROCIRCULATION/ REVIEW/ *RHEOLOGY/ RHEOLOGY, history/ SUBCELLULAR FRACTIONS/ THERMODYNAMICS/ THROMBOSIS, physiopathology

1464. **Copley AL**: Biorheology as an organized science. Biorheology 10:83-6, Jun 73
*BIOLOGY/ BLOOD VISCOSITY/ RHEOLOGY/ SCIENCE/ SOCIETIES, MEDICAL

1465. **Copley AL, Huang CR, King RG**: Rheogoniometric studies of whole human blood at shear rates from 1000 to 0.0009 sec-1. I. Experimental findings. Biorheology 10:17-22, Mar 73

ADULT/ ANTICOAGULANTS, pharmacodynamics/ BLOOD, drug effects/ *BLOOD, physiology/ FEMALE/ GLYCINE, pharmacodynamics/ HEPARIN, pharmacodynamics/ HUMAN/ IN VITRO/ MALE/ MIDDLE AGE/ OXALATES, pharmacodynamics/ RHEOLOGY

1466. **Corbat F:** Störungen der venösen zerebralen Zirkulation. Praxis 62:126-7, 30 Jan 73 (Ger)
ANTICOAGULANTS, therapeutic use/ BRAIN, blood supply/ CEREBROVASCULAR CIRCULATION/ *CEREBROVASCULAR DISORDERS, drug therapy/ FEMALE/ HUMAN/ PREGNANCY/ *THROMBOSIS, drug therapy/ VEINS

1467. **Corbin JD, Brostrom CO, King CA, et al:** Studies on the adenosine 3',5'-monophosphate-dependent protein kinases of rabbit skeletal muscle.
J Biol Chem 247:7790-8, 10 Dec 72
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ ADENOSINE TRIPHOSPHATE/ ANIMAL EXPERIMENTS/ BINDING SITES/ CASEIN/ CATALYSIS/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, AFFINITY/ DRUG STABILITY/ GEL FILTRATION/ HISTONES/ KINETICS/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ *MUSCLES, enzymology/ *PHOSPHOTRANSFERASES/ PHOSPHOTRANSFERASES, analysis/ PHOSPHOTRANSFERASES, antagonists & inhibitors/ PHOSPHOTRANSFERASES, isolation & purification/ PROTEIN BINDING/ PROTEINS/ RABBITS/ TIME FACTORS/ TRITIUM/ TRYPSIN

1468. **Corder MP, Culp NW, Barrett O Jr:** Familial occurrence of von Willebrand's disease, thrombocytopenia, and severe gastrointestinal bleeding.
Am J Med Sci 265:219-23, Mar 73
ADULT/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ FACTOR VIII, analysis/ FEMALE/ HEMORRHAGE, GASTROINTESTINAL, complications/ *HEMORRHAGE, GASTROINTESTINAL, familial & genetic/ HEMORRHAGE, GASTROINTESTINAL, surgery/ HEMORRHAGE, GASTROINTESTINAL, therapy/ HUMAN/ MEGAKARYOCYTES/ PREDNISONE, therapeutic use/ THROMBOPENIA, complications/ *THROMBOPENIA, familial & genetic/ THROMBOPENIA, surgery/ THROMBOPENIA, therapy/ VAGOTOMY/ VON WILLEBRAND'S DISEASE, blood/ VON WILLEBRAND'S DISEASE, complications/ *VON WILLEBRAND'S DISEASE, familial & genetic/ VON WILLEBRAND'S DISEASE, surgery/ VON WILLEBRAND'S DISEASE, therapy

1469. **Cordonnier D, Léger J, Bachelot I, et al:** Etude de la chaîne enzymatique plaquettaire dans l'insuffisance rénale chronique avancée.
J Urol Nephrol (Paris) 78:769-71, Sep 72 (Fre)
*BLOOD PLATELET DISORDERS, enzymology/ *BLOOD PLATELETS, enzymology/ GLOMERULAR FILTRATION RATE/ HEMODIALYSIS/ HUMAN/ *KIDNEY FAILURE, CHRONIC, enzymology

1470. **Cordonnier D, Puglisi JC, Shaerer R, et al:** Syndrome nephrotique et déficit acquis en facteur Stuart révélateurs de l'association amylose-myélome.
J Urol Nephrol (Paris) 78:760-4, Sep 72 (Fre)
*AMYLOIDOSIS, complications/ AUTOPSY/ BLOOD COAGULATION TESTS/ FACTOR X, analysis/ HUMAN/ *HYPOPROTHROMBINEMIAS, etiology/ MALE/ MIDDLE AGE/ *MULTIPLE MYELOMA, complications/ *NEPHROTIC SYNDROME, etiology

1471. **Coria MF, Peterson JK:** A simplified technic for preparing sterile chicken serum.
Lab Anim Sci 23:572-4, Aug 73
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ *BLOOD SPECIMEN COLLECTION, veterinary/ BLOOD VOLUME/ *CHICKENS/ IMMUNE SERUMS/ METHODS/ NEEDLES/ SYRINGES

1472. **Corinth G, Harth O:** Ein Gerät zur Untersuchung elastischer und plastischer Eigenschaften biologischer Objekte im Mikrobereich.
Biomed Tech (Stuttg) 18:31-5, Feb 73 (Ger)
ANIMAL EXPERIMENTS/ CATS/ ELASTICITY/ *ELECTROMAGNETICS, instrumentation/ ENGLISH ABSTRACT/ MECHANORECEPTORS, physiology/ THROMBELASTOGRAPHY, instrumentation

1473. **Cormack F, Chakrabarti RR, Jouhar AJ, et al:** Tranexamic acid in upper gastrointestinal haemorrhage. Lancet 1:1207-8, 2 Jun 73
ADULT/ *ANTIFIBRINOLYTIC AGENTS, therapeutic use/ BLOOD TRANSFUSION/ CLINICAL RESEARCH/ *CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ DRUG TOLERANCE/ EVALUATION STUDIES/ FEMALE/ *HEMORRHAGE, GASTROINTESTINAL, drug therapy/ HEMORRHAGE, GASTROINTESTINAL, therapy/ HUMAN/ INTESTINAL ABSORPTION/ MALE/ METHYLAMINES, therapeutic use/ MIDDLE AGE/ PLACEBOS

1474. **Cormier JM, Lagneau P:** Complications sévères des artériographies rétrogrades percutanées. (á propos de 69 observations.
J Chir (Paris) 104:395-412, Nov 72 (Fre)
ACUTE DISEASE/ ANEURYSM, etiology/ *ANGIOGRAPHY, adverse effects/ ARTERIES, injuries/ ARTERIOVENOUS FISTULA, etiology/ AXILLARY ARTERY/ *CATHETERIZATION, adverse effects/ ENGLISH ABSTRACT/ FEMORAL ARTERY/ HEMATOMA, etiology/ HUMAN/ ILIAC ARTERY/ INFARCTION, etiology/ INTESTINAL DISEASES, etiology/ SEPTICEMIA, etiology/ THROMBOSIS, etiology/ *VASCULAR DISEASES, etiology

1475. **Cornell CN, Cooper RG, Muhrer ME, et al:** Effect of plasma and platelet concentrate infusions on factor VIII, platelet adhesiveness, and bleeding time in bleeder swine.
Thromb Diath Haemorrh 28:431-9, 31 Dec 72
ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, physiology/ BLOOD TRANSFUSION/ DOG DISEASES, blood/ DOGS/ FACTOR VII, physiology/ HEMOPHILIA, blood/ HEMOPHILIA, veterinary/ HEMORRHAGIC DIATHESIS, therapy/ *HEMORRHAGIC DIATHESIS, veterinary/ *PLASMA SUBSTITUTES, therapeutic use/ PLATELET ADHESIVENESS/ SWINE/ *SWINE DISEASES, therapy/ TIME FACTORS

1476. **Cornell CN, Kahn RA, Cooper RG, et al:** Platelet factor 3 availability in bleeder swine.
Comp Biochem Physiol [A] 42:817-22, 1 Aug 72
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION DISORDERS, familial & genetic/ *BLOOD COAGULATION DISORDERS, veterinary/ CALCIUM, pharmacodynamics/ KAOLIN, pharmacodynamics/ SNAKES/ SWINE/ *SWINE DISEASES, blood/ *THROMBOPLASTIN, analysis/ TIME FACTORS/ VENOMS

1477. **Cornell HJ, Townley RR:** Investigation of possible intestinal peptidase deficiency in coeliac disease.
Clin Chim Acta 43:113-25, 10 Jan 73
AMINO ACIDS, analysis/ AUTOANALYSIS/ *CELIAC DISEASE, enzymology/ CHILD/ CHILD, PRESCHOOL/ CHROMATOGRAPHY, ION EXCHANGE/ DIARRHEA, enzymology/ *DUODENUM, enzymology/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ GIARDIASIS, enzymology/ GLUTEN, metabolism/ HUMAN/ INFANT/ INTESTINAL MUCOSA, enzymology/

*PEPTIDE HYDROLASES, metabolism/ PEPTIDES, analysis/ PEPTIDES, metabolism/ SPECTROPHOTOMETRY, ULTRAVIOLET/ ULTRAFILTRATION

1478. **Cornick G, Sigler PB, Ginsberg HS:** Mass of protein in the asymmetric unit of hexon crystals--a new method.
J Mol Biol 73:533-8, 5 Feb 73
*ADENOVIRUS/ ALDEHYDES/ CHYMOTRYPSIN/ CRYSTALLOGRAPHY/ DENSITOMETRY/ METHODS/ MOLECULAR WEIGHT/ PROTEIN BINDING/ *VIRAL PROTEINS/ WATER

1479. **Cornu G, Michaux JL, Moriau M, et al:** A propos d'un cas de syndrome de Moschcowitz associé à une infection à Rickettsia mooseri.
Nouv Rev Fr Hematol 12:903-6, Nov-Dec 72 (Fre)
*ANEMIA, HEMOLYTIC, complications/ BLOOD COAGULATION TESTS/ *CEREBROVASCULAR DISORDERS, complications/ FEMALE/ HUMAN/ ISCHEMIA, complications/ MIDDLE AGE/ *PURPURA, THROMBOTIC THROMBOPENIC, complications/ *RICKETTSIAL DISEASES, complications/ *THROMBOSIS, complications

1480. **Cornu JC, Livio JJ, Saegesser F:** Les tumeurs osseuses dites bénignes.
Helv Chir Acta 40:91-105, Mar 73 (Fre)
ADOLESCENCE/ ADULT/ BONE CYST, classification/ *BONE NEOPLASMS, classification/ BONE NEOPLASMS, physiopathology/ BONE NEOPLASMS, therapy/ CHILD/ CHONDROBLASTOMA, classification/ CHONDROMA, classification/ ENGLISH ABSTRACT/ FEMALE/ FIBROMA, classification/ FOLLOW-UP STUDIES/ GIANT CELL TUMORS, classification/ HAMARTOMA, classification/ HEMANGIOMA, classification/ HUMAN/ MALE/ MIDDLE AGE/ OSTEOMA, classification/ OSTEOMA, OSTEOID, classification

1481. **Cornu P, Morin P, Engelman P, et al:** L'embolie amniotique.
Sem Hop Paris 49:1441-8, 26 Apr 73 (Fre)
ADULT/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ *EMBOLISM, AMNIOTIC FLUID/ EMBOLISM, AMNIOTIC FLUID, diagnosis/ EMBOLISM, AMNIOTIC FLUID, etiology/ EMBOLISM, AMNIOTIC FLUID, therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ ISOPROTERENOL, therapeutic use/ OXYGEN INHALATION THERAPY/ PREGNANCY/ *PULMONARY EMBOLISM, complications

1482. **Cornu P, Soria J, Soria C, et al:** Coagulation intravasculaire disséminée aiguë en milieu obstétrical. Etude de 9 cas. Critères diagnostiques. Attitude thérapeutique.
Sem Hop Paris 49:1419-28, 26 Apr 73 (Fre)
ACUTE DISEASE/ AMINOCAPROIC ACID, therapeutic use/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ CESAREAN SECTION/ *DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, therapeutic use/ FIBRINOLYSIS/ HEMORRHAGE, etiology/ HEMOSTASIS/ HUMAN/ HYDROCORTISONE, therapeutic use/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ SHOCK, HEMORRHAGIC, etiology

1483. **Coronel S, Payen J, Babin P:** Hémangiopéricytome de la gencive.
Rev Stomatol Chir Maxillofac 73:295-300, Jun 72 (Ger)
BIOPSY/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ GINGIVAL NEOPLASMS/ GINGIVAL NEOPLASMS, pathology/ GINGIVAL NEOPLASMS, radiography/ GINGIVAL NEOPLASMS, surgery/ *HEMANGIOPERICYTOMA/ HEMANGIOPERICYTOMA, pathology/ HEMANGIOPERICYTOMA, radiography/ HEMANGIOPERICYTOMA, surgery/ HUMAN/ MOLAR/ TOOTH EXTRACTION

1484. **Corpe WA, Winters H:** Hydrolytic enzymes of some periphytic marine bacteria.
Can J Microbiol 18:1483-90, Sep 72
AMMONIUM SULFATE/ AUTOLYSIS/ *BACTERIA, enzymology/ BACTERIA, growth & development/ CELL FRACTIONATION/ CELL-FREE SYSTEM/ CELL WALL, enzymology/ ECOLOGY/ *ESTERASES, metabolism/ *GLUCOSIDASE, metabolism/ HYDROLYSIS/ *MARINE BIOLOGY/ *MURAMIDASE, metabolism/ *PEPTIDE HYDROLASES, metabolism/ *PHOSPHATASES, metabolism/ PHYTOPLANKTON/ POLYSACCHARIDES, metabolism/ PRECIPITATION/ PSEUDOMONAS, enzymology/ SEAWATER/ *SUCCINATE DEHYDROGENASE, metabolism/ VIBRATION/ *WATER MICROBIOLOGY

1485. **Corrigan JJ Jr, Bell BM:** Comparison between the polymyxins and gentamicin in preventing endotoxin-induced intravascular coagulation and leukopenia. Infect Immun 4:563-6, Nov 71
ANIMAL EXPERIMENTS/ COLISTIN, administration & dosage/ COLISTIN, therapeutic use/ COMPARATIVE STUDY/ DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ *DISSEMINATED INTRAVASCULAR COAGULATION, prevention & control/ *ENDOTOXINS, pharmacodynamics/ ESCHERICHIA COLI/ GENTAMICIN, administration & dosage/ *GENTAMICIN, therapeutic use/ KIDNEY CORTEX NECROSIS, chemically induced/ LEUKOPENIA, chemically induced/ *LEUKOPENIA, prevention & control/ POLYMYXIN, administration & dosage/ *POLYMYXIN, therapeutic use/ RABBITS/ SHWARTZMAN PHENOMENON/ THROMBOPENIA, chemically induced

1486. **Corrodi P, Bühlmann AA:** Zur Prognose des Cor pulmonale bei multipler Lungengefässobstruktion unter Dauerantikoagulation.
Schweiz Med Wochenschr 103:96-100, 20 Jan 73 (Ger)
ANTICOAGULANTS, administration & dosage/ ANTICOAGULANTS, pharmacodynamics/ ANTICOAGULANTS, therapeutic use/ CLINICAL RESEARCH/ ENGLISH ABSTRACT/ FEMALE/ HEART CATHETERIZATION/ HEMODYNAMICS, drug effects/ HUMAN/ HYPERTENSION, PULMONARY, etiology/ LUNG DISEASES, OBSTRUCTIVE, complications/ MALE/ MIDDLE AGE/ PROGNOSIS/ PULMONARY EMBOLISM, complications/ *PULMONARY HEART DISEASE, drug therapy/ PULMONARY HEART DISEASE, etiology/ TIME FACTORS/ VASCULAR RESISTANCE, drug effects

1487. **Corson SL, Bolognese RJ:** Laparoscopy: an overview and results of a large series.
J Reprod Med 9:143-57, Oct 72
ABNORMALITIES, diagnosis/ ADHESIONS, surgery/ AMENORRHEA, diagnosis/ ANESTHESIA/ ASCITES, diagnosis/ BIOPSY/ FEMALE/ GYNECOLOGIC DISEASES, diagnosis/ GYNECOLOGIC DISEASES, therapy/ GYNECOLOGIC NEOPLASMS, diagnosis/ HUMAN/ *LAPAROSCOPY/ LAPAROSCOPY, adverse effects/ LAPAROSCOPY, instrumentation/ METHODS/ OVARIAN CYSTS, surgery/ PNEUMOPERITONEUM, ARTIFICIAL/ PREGNANCY/ PREGNANCY, ECTOPIC, diagnosis/ STERILITY, FEMALE, diagnosis/ STERILIZATION, TUBAL/ UTERINE DISEASES, surgery

1488. **Cortes P, Potter EV, Kwaan HC:** Characterization and significance of urinary fibrin degradation products.
J Lab Clin Med 82:377-89, Sep 73
ADOLESCENCE/ ADULT/ ANTIBODIES/ CHILD/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FIBRIN, metabolism/ *FIBRIN, urine/ FIBRINOGEN,

isolation & purification/ FIBRINOGEN, metabolism/ FIBRINOGEN, urine/ FIBRINOLYSIS/ FLUORESCENT ANTIBODY TECHNIC/ GEL DIFFUSION TESTS/ GEL FILTRATION/ GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, immunology/ GLOMERULONEPHRITIS, urine/ HUMAN/ HYDROCORTISONE, therapeutic use/ IMMUNOELECTROPHORESIS/ MIDDLE AGE/ NEPHROSIS, LIPOID, drug therapy/ NEPHROSIS, LIPOID, immunology/ NEPHROSIS, LIPOID, urine/ PROTEINURIA/ RABBITS, immunology

1489. **Cory JG:** Inhibition of ribonucleotide reductase from Ehrlich tumor cells by RNA.
Cancer Res 33:993-8, May 73
ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE DIPHOSPHATE, metabolism/ CARBON ISOTOPES/ *CARCINOMA, EHRLICH TUMOR, enzymology/ CELL FRACTIONATION/ CYTOSINE NUCLEOTIDES, pharmacodynamics/ MICE/ MICE, INBRED ICR/ NEOPLASM PROTEINS, analysis/ OXIDATION-REDUCTION/ *OXIDOREDUCTASES, antagonists & inhibitors/ POLYNUCLEOTIDES, pharmacodynamics/ PROTAMINES/ RIBONUCLEASE, pharmacodynamics/ RIBONUCLEOTIDES/ *RNA, pharmacodynamics/ RNA, NEOPLASM, isolation & purification/ RNA, NEOPLASM, pharmacodynamics/ RNA, RIBOSOMAL, pharmacodynamics/ RNA, TRANSFER, pharmacodynamics/ YEASTS

1490. **Cosma V, Suciu A, Erdösy S, et al:** Funcţia exocrină a parenchimului pancreatic şi a sistemului ductular în hepatita cronică activă postvirusală.
Med Interna (Bucur) 24:1517-24, Dec 72 (Rum)
AMYLASE, secretion/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HEPATITIS, etiology/ *HEPATITIS, physiopathology/ *HEPATITIS, INFECTIOUS, complications/ HUMAN/ *PANCREAS, physiopathology/ *PANCREATIC DUCTS, physiopathology/ PANCREOZYMIN, secretion/ SECRETIN, secretion/ TRYPSIN, secretion

1491. **Cossel L:** Elektronenmikroskopische Befunde an den Lebersinusoiden nach Injektion gefässabdichtender Substanzen in die Pfortader.
Zentralbl Allg Pathol 116:401-9, 1972 (Ger)
ANIMAL EXPERIMENTS/ BLOOD PLATELETS/ CALCIUM, pharmacodynamics/ *CAPILLARY PERMEABILITY, drug effects/ ENDOPLASMIC RETICULUM/ GLUCONATES, pharmacodynamics/ GUINEA PIGS/ INJECTIONS, INTRAVENOUS/ LIVER, drug effects/ *LIVER, pathology/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, LIVER/ PECTINS, pharmacodynamics/ RIBOSOMES/ RUTIN, pharmacodynamics

1492. **Cossel L:** Zur Lokalisation des Einflusses der Blutgerinnung auf die Durchlässigkeit der Gefasswand.
Dtsch Gesundheitsw 27:2233-43, 23 Nov 72 (Ger)
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ BLOOD VESSELS, cytology/ *BLOOD VESSELS, pathology/ ENGLISH ABSTRACT/ GUINEA PIGS/ HUMAN/ MICE/ MICROSCOPY, ELECTRON/ RATS

1493. **Coste T, Gouffier E, Paraf A:** Les troubles hématologiques de l'alcoolisme aigu. Etude de 27 alcooliques chroniques hospitalisés en état d'ivresse.
Sem Hop Paris 48:2427-32, 10 Sep 72 (Fre)
ACUTE DISEASE/ ADULT/ AGED/ *ALCOHOLIC INTOXICATION, complications/ *ALCOHOLISM, complications/ BONE MARROW, pathology/ *BONE MARROW DISEASES, chemically induced/ BONE MARROW DISEASES, pathology/ BONE MARROW EXAMINATION/ CELL NUCLEUS/ CHRONIC DISEASE/ CYTOPLASM/ ENGLISH ABSTRACT/ ERYTHROCYTES, drug effects/ FEMALE/ FOLIC ACID DEFICIENCY, complications/ *HEMATOLOGIC DISEASES, chemically induced/ HUMAN/ *LEUKOPENIA, chemically induced/ MALE/ MIDDLE AGE/ *THROMBOPENIA, chemically induced/ TIME FACTORS/ VITAMIN B DEFICIENCY, complications

1494. **Costea N:** The differential diagnosis of hemolytic anemias.
Med Clin North Am 57:289-302, Mar 73 (65 ref.)
AGGLUTININS, analysis/ ANEMIA, HEMOLYTIC, blood/ ANEMIA, HEMOLYTIC, classification/ *ANEMIA, HEMOLYTIC, diagnosis/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, diagnosis/ ANEMIA, HYPOCHROMIC, diagnosis/ ANEMIA, SICKLE CELL, diagnosis/ AUTOANTIBODIES, analysis/ BILIRUBIN, blood/ COLD/ DIAGNOSIS, DIFFERENTIAL/ ERYTHROCYTE AGING/ ERYTHROCYTES, cytology/ ERYTHROCYTES, ABNORMAL/ GLUCOSEPHOSPHATE DEHYDROGENASE DEFICIENCY, diagnosis/ HEMOGLOBIN, analysis/ HEMOGLOBIN C, analysis/ HEMOGLOBINURIA, PAROXYSMAL, diagnosis/ HEMOLYSIS/ HUMAN/ LACTATE DEHYDROGENASE, blood/ PURPURA, THROMBOTIC THROMBOPENIC, diagnosis/ REVIEW/ SPHEROCYTOSIS, HEREDITARY, diagnosis/ THALASSEMIA, diagnosis

1495. **Cotman CW, Taylor D:** Isolation and structural studies on synaptic complexes from rat brain.
J Cell Biol 55:696-711, Dec 72
ACETIC ACIDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BRAIN, cytology/ BRAIN, drug effects/ BRAIN CHEMISTRY/ CELL FRACTIONATION/ CENTRIFUGATION, DENSITY GRADIENT/ CHYMOTRYPSIN, pharmacodynamics/ GLYCOLS, pharmacodynamics/ MALE/ MICROSCOPY, ELECTRON/ NERVE TISSUE PROTEINS, analysis/ RATS/ SODIUM CHLORIDE, pharmacodynamics/ SURFACE-ACTIVE AGENTS/ *SYNAPTIC MEMBRANES/ SYNAPTIC MEMBRANES, analysis/ SYNAPTIC MEMBRANES, drug effects/ TRYPSIN, pharmacodynamics/ UREA, pharmacodynamics

1496. **Cotton EK, Solomons CC, Dubois R:** L-arginine and cystic fibrosis. Pediatrics 57:586-8, Mar 73
ADOLESCENCE/ AMYLASE, metabolism/ *ARGININE, therapeutic use/ CHILD/ *CYSTIC FIBROSIS, drug therapy/ HUMAN/ LIPASE, metabolism/ PANCREAS, enzymology/ TRYPSIN, metabolism

1497. **Cotton FA, Bier CJ, Day VW, et al:** Some aspects of the structure of staphylococcal nuclease. I. Crystallographic studies.
Cold Spring Harbor Symp Quant Biol 36:243-9, 1971 (37 ref.)
ARGININE/ BINDING SITES/ CALCIUM/ CRYSTALLOGRAPHY/ DNA/ FLUORESCENCE SPECTROMETRY/ GLYCERIN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MODELS, STRUCTURAL/ *PHOSPHATASES/ PHOSPHATASES, antagonists & inhibitors/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ REVIEW/ RNA/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *STAPHYLOCOCCUS, enzymology/ THYMINE NUCLEOTIDES/ TRYPSIN

1498. **Cotton RC:** The action of Atromid-S on lipids and other plasma factors which may be involved in arterial thrombosis.
Acta Cardiol (Brux) Suppl 25:163-7, 1972 (33 ref.)
ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION, drug effects/ *BLOOD PLATELETS, drug effects/ CLOFIBRATE, administration & dosage/ *CLOFIBRATE, therapeutic use/ EVALUATION STUDIES/ *FATTY ACIDS, NONESTERIFIED, blood/ *FIBRINOGEN/ FIBRINOLYSIS, drug effects/ HUMAN/ *LIPIDS, blood/ LIPIDS, metabolism/ PLATELET ADHESIVENESS, drug effects/ RATS/ REVIEW/ THROMBOSIS, blood/ *THROMBOSIS, prevention & control

1499. **Cotton RC, Bloor K, Archibald G:** Inter-relationships

between platelet response to adenosine diphosphate, blood coagulation and serum lipids in patients with peripheral occlusive atherosclerosis.
Atherosclerosis 16:337-48, Nov-Dec 72
*ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADULT/ *ARTERIOSCLEROSIS, blood/ BLOOD CELL COUNT/ *BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS, drug effects/ BLOOD SEDIMENTATION/ BLOOD VISCOSITY/ CHOLESTEROL, blood/ FEMALE/ FIBRINOGEN, analysis/ HUMAN/ LIPIDS, blood/ *LIPOPROTEINS, blood/ MALE

1500. **Cottrill CM, Kaplan S:** Cerebral vascular accidents in cyanotic congenital heart disease.
Am J Dis Child 125:484-7, Apr 73
AGE FACTORS/ *ANEMIA, HYPOCHROMIC, complications/ BLOOD VISCOSITY/ CEREBRAL EMBOLISM AND THROMBOSIS, etiology/ *CEREBROVASCULAR DISORDERS, etiology/ CEREBROVASCULAR DISORDERS, mortality/ CHILD, PRESCHOOL/ COMA, etiology/ CONVULSIONS, etiology/ *HEART DEFECTS, CONGENITAL, complications/ HEMATOCRIT/ HEMIPLEGIA, etiology/ HEMOGLOBINOMETRY/ HUMAN/ INFANT/ INTRACRANIAL PRESSURE/ THROMBOPHLEBITIS, etiology

1501. **Couinaud C:** Ligature de l'artère hépatique et désartérialisation hépatique.
J Chir (Paris) 104:7-22, Jul-Aug 72 (Fre)
AGED/ ANEURYSM, surgery/ ANIMAL EXPERIMENTS/ CELIAC ARTERY, radiography/ CHILD/ COLLATERAL CIRCULATION/ ENGLISH ABSTRACT/ FEMALE/ HEMANGIOMA, surgery/ HEPATIC ARTERY, physiology/ HEPATIC ARTERY, radiography/ *HEPATIC ARTERY, surgery/ HUMAN/ LIGATION/ LIVER, metabolism/ *LIVER CIRCULATION/ *LIVER DISEASES, surgery/ *LIVER NEOPLASMS, surgery/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ OXYGEN CONSUMPTION/ PORTAL SYSTEM, physiology/ PROGNOSIS/ RABBITS/ RATS

1502. **Couraud L, Bruneteau A, Chevais R:** Hémorragies trachéales cataclysmiques tardives apres trachéotomie. Nouveau succès opératoire et bilan récapitulatif de 10 interventions.
Ann Chir Thorac Cardiovasc 11:401-3, Oct 72 (Fre)
ADOLESCENCE/ ENGLISH ABSTRACT/ *HEMORRHAGE, etiology/ HEMORRHAGE, surgery/ HEMOSTASIS/ HUMAN/ MALE/ PROGNOSIS/ *TRACHEAL DISEASES, etiology/ TRACHEAL DISEASES, surgery/ *TRACHEOTOMY, adverse effects

1503. **Courbier R, Fouque R, Reggi M:** Essai de prévention des oedèmes de revascularisation par la folescutol.
Mars Med 109:389-92, 1972 (Fre)
ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ *COUMARINS, therapeutic use/ EDEMA, etiology/ *EDEMA, prevention & control/ FEMALE/ FEMORAL ARTERY, surgery/ HUMAN/ MALE/ MIDDLE AGE/ MORPHOLINES, therapeutic use/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *VASCULAR SURGERY/ VASCULAR SURGERY, adverse effects

1504. **Courtney LD:** Amniotic fluid embolism.
J Ir Med Assoc 66:51, 27 Jan 73
ANIMAL EXPERIMENTS/ DOGS/ *EMBOLISM, AMNIOTIC FLUID/ EMBOLISM, AMNIOTIC FLUID, diagnosis/ EMBOLISM, AMNIOTIC FLUID, drug therapy/ EMBOLISM, AMNIOTIC FLUID, mortality/ FEMALE/ HUMAN/ MALE/ PREGNANCY

1505. **Courtney LD:** Maternal mortality.
J Ir Med Assoc 65:580-1, 25 Nov 72
EMBOLISM, AMNIOTIC FLUID, complications/ FEMALE/ HUMAN/ IRELAND/ *MATERNAL MORTALITY/ PREGNANCY

1506. **Courtney LD:** Placental tumour.
Br Med J 3:769-70, 23 Sep 72
FEMALE/ *HEMANGIOMA/ HEMANGIOMA, pathology/ HUMAN/ *PLACENTA/ PREGNANCY/ *PREGNANCY COMPLICATIONS

1507. **Cowan DH:** Thrombokinetic studies in alcohol-related thrombocytopenia. J Lab Clin Med 81:64-76, Jan 73
ALCOHOL, ETHYL, diagnostic use/ *ALCOHOLISM, complications/ BLOOD CELL COUNT/ *BLOOD PLATELET DISORDERS, etiology/ BLOOD PLATELET DISORDERS, physiopathology/ BLOOD PLATELETS, physiopathology/ FOLIC ACID, blood/ HUMAN/ MEGAKARYOCYTES

1508. **Cowan DH:** Platelet metabolism in acute leukemia.
J Lab Clin Med 82:54-66, Jul 73
ADULT/ AGED/ BLOOD CELL COUNT/ BLOOD PLATELETS, analysis/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ BLOOD PROTEINS, analysis/ BLOOD SUGAR, metabolism/ CARBON DIOXIDE, blood/ CARBON ISOTOPES/ FEMALE/ GLYCOGEN, blood/ HUMAN/ LACTATES, biosynthesis/ LEUCOSARCOMA, blood/ *LEUKEMIA, blood/ LEUKEMIA, MYELOBLASTIC, blood/ LEUKEMIA, MYELOCYTIC, blood/ MALE/ METHODS/ MIDDLE AGE/ PURPURA, THROMBOPENIC, blood/ REMISSION/ THROMBIN, pharmacodynamics/ THROMBOPENIA, blood

1509. **Cowan DH, Hines JD:** Thrombokinetics in dietary-induced folate deficiency in human subjects.
J Lab Clin Med 81:577-86, Apr 73
ALCOHOLISM, blood/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ BLOOD PLATELETS, physiology/ CHROMIUM ISOTOPES/ DIET/ ERYTHROCYTES, analysis/ ERYTHROPOIESIS/ FOLIC ACID, blood/ *FOLIC ACID DEFICIENCY, blood/ FOLIC ACID DEFICIENCY, etiology/ HEMATOCRIT/ HEMOGLOBIN, analysis/ HUMAN/ IRON, blood/ IRON ISOTOPES/ MEGAKARYOCYTES, cytology/ MEGAKARYOCYTES, metabolism/ PYRIDOXINE, blood/ VITAMIN B 12, blood

1510. **Cowell JL, DeMoss RD:** Trytophanase from Aeromonas liquefaciens. Subunit structure and aggregation of the enzyme into enzymatically active polymeric species.
J Biol Chem 248:6262-9, 25 Sep 73
*AEROMONAS, enzymology/ AMINO ACID SEQUENCE/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, ION EXCHANGE/ DRUG STABILITY/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FREEZING/ GUANIDINES/ HYDROGEN-ION CONCENTRATION/ *HYDRO-LYASES, analysis/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ OSMOLAR CONCENTRATION/ PEPTIDES, analysis/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPSIN/ TRYPTOPHANASE, analysis/ ULTRACENTRIFUGATION/ UREA

1511. **Cowgill RW:** Susceptibility of paramyosin to proteolysis and the relationship to regions of different stability. Biochemistry 11:4532-9, 21 Nov 72
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHYMOTRYPSIN/ CIRCULAR DICHROISM/ DANSYL COMPOUNDS/ DRUG STABILITY/ ELECTROPHORESIS, DISK/ FLUORESCENCE SPECTROMETRY/ GUANIDINES/ MACROMOLECULAR SYSTEMS/ MATHEMATICS/ MOLECULAR WEIGHT/ *MUSCLE PROTEINS/ PEPSIN/ PEPTIDE PEPTIDOHYDROLASES/ PRONASE/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ SODIUM DODECYL SULFATE/ TEMPERATURE/ TROPOMYOSIN/ TROPOMYOSIN, analysis/ TRYPSIN/ ULTRAVIOLET RAYS/ VISCOSITY

1512. **Cowin SC:** On the polar fluid as a model for blood flow in

tubes. Biorheology 9:23-5, Mar 72
BLOOD FLOW VELOCITY/ BLOOD VISCOSITY/ HEMATOCRIT/ *MICROCIRCULATION/ *MODELS, BIOLOGICAL/ *RHEOLOGY

1513. **Cox KO, Keast D:** Rauscher virus infection, erythrocyte clearance studies, and autoimmune phenomena.
J Natl Cancer Inst 50:941-6, Apr 73
*ANEMIA, HEMOLYTIC, AUTOIMMUNE, immunology/ ANIMAL EXPERIMENTS/ *ANTIBODY FORMATION/ AUTOANTIBODIES/ CELL SURVIVAL/ CHROMIUM ISOTOPES/ DNA, biosynthesis/ *ERYTHROCYTES, immunology/ HEMOLYSIS/ IMMUNITY, CELLULAR/ LYMPHOCYTES, metabolism/ MICE/ MICE, INBRED BALB C/ OSMOTIC FRAGILITY/ PHAGOCYTOSIS/ PLANT AGGLUTININS/ PRECANCEROUS CONDITIONS, immunology/ *RAUSCHER VIRUS/ SHEEP, immunology/ SPLEEN, cytology/ SPLEEN, immunology/ THROMBOPENIA, etiology/ *TUMOR VIRUS INFECTIONS, immunology

1514. **Cox RA, Best GK:** Cell wall composition of two strains of Blastomyces dermatitidis exhibiting differences in virulence for mice. Infect Immun 5:449-53, Apr 72
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ *BLASTOMYCES, analysis/ BLASTOMYCES, pathogenicity/ *CELL WALL, analysis/ CHITIN, analysis/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ FUNGAL PROTEINS, analysis/ GLUCOSAMINE, analysis/ GLUCOSE, analysis/ HEXOSAMINES, analysis/ HYDROLYSIS/ LIPIDS, isolation & purification/ MICE/ PHOSPHORUS, analysis/ POLYSACCHARIDES, analysis/ SODIUM HYDROXIDE/ TRYPSIN/ *VIRULENCE

1515. **Cox RP, Bendall DS:** The effects on cytochrome b-559HP and P546 of treatments that inhibit oxygen evolution by chloroplasts.
Biochim Biophys Acta 283:124-35, 1972
ALKANES, pharmacodynamics/ *CHLOROPLASTS, drug effects/ CHLOROPLASTS, metabolism/ COLD/ *CYTOCHROMES, metabolism/ HYDROXYLAMINES, pharmacodynamics/ INDOPHENOL, metabolism/ IODINE, pharmacodynamics/ LIGHT/ OXIDATION-REDUCTION/ OXYGEN, metabolism/ PERCHLORIC ACIDS, pharmacodynamics/ PHENOLS, metabolism/ PHENOLS, pharmacodynamics/ PLANTS/ POTASSIUM IODIDE, pharmacodynamics/ PROTEIN CONFORMATION/ SPECTROPHOTOMETRY/ SURFACE-ACTIVE AGENTS, pharmacodynamics/ TROMETHAMINE, pharmacodynamics/ TRYPSIN, pharmacodynamics

1516. **Coyne JA, Remold HG, Rosenberg SA, et al:** Guinea pig lymphotoxin (LT). II. Physicochemical properties of LT produced by lymphocytes stimulated with antigen or concanavalin A: its differentiation from migration-inhibitory factor (MIF).
J Immunol 110:1630-7, Jun 73
ANIMAL EXPERIMENTS/ ANTIGENIC DETERMINANTS/ ANTIGENS/ *CELL MIGRATION INHIBITION/ CENTRIFUGATION/ CHROMATOGRAPHY/ CHYMOTRYPSIN/ CONCANAVALIN A, pharmacodynamics/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GUINEA PIGS/ *LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES, drug effects/ *LYMPHOCYTES, immunology/ MITOGENS, pharmacodynamics/ *PHYTOMITOGENS, pharmacodynamics/ *PLANT AGGLUTININS, pharmacodynamics/ *TOXINS, analysis

1517. **Craig IH, Schwartz CJ:** Contribution of thrombus free and esterified cholesterol to atherosclerotic plaques.
Pathology 4:303-6, Oct 72
ANIMAL EXPERIMENTS/ AORTIC DISEASES, metabolism/ *ARTERIOSCLEROSIS, metabolism/ *CHOLESTEROL, analysis/ ESTERS, analysis/ FATTY STREAK, ARTERIAL, metabolism/ FEMALE/ LINOLEIC ACID, analysis/ MALE/ OLEIC ACID, analysis/ PALMITIC ACID, analysis/ *PULMONARY EMBOLISM, metabolism/ STEARIC ACID, analysis/ SWINE

1518. **Cram DL, LaPerriere RJ:** Skin disorders of the newborn. Am Fam Physician 7:104-13, Jun 73
AGE FACTORS/ CYSTS, diagnosis/ DERMATITIS EXFOLIATIVA, diagnosis/ ERYTHEMA, diagnosis/ FACIAL DERMATOSES, diagnosis/ GRAFT VS HOST REACTION/ HEMANGIOMA, diagnosis/ HUMAN/ ICHTHYOSIS, congenital/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, diagnosis/ MILIARIA, diagnosis/ MONILIASIS, CUTANEOUS, diagnosis/ PIGMENTATION DISORDERS, diagnosis/ *SKIN DISEASES, diagnosis/ SKIN DISEASES, INFECTIOUS, diagnosis/ *SKIN NEOPLASMS, diagnosis/ VASCULAR DISEASES, diagnosis

1519. **Crampton RF:** Nutritional and metabolic aspects of peptide transport. Ciba Found Symp 1-10, 1971
AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ *BACTERIA, metabolism/ BIOLOGICAL TRANSPORT/ DIPEPTIDES, metabolism/ ESCHERICHIA COLI, enzymology/ ESCHERICHIA COLI, metabolism/ INTESTINAL ABSORPTION/ *INTESTINE, SMALL, metabolism/ JEJUNUM, metabolism/ MAMMALS, metabolism/ NUTRITION/ OLIGOPEPTIDES, metabolism/ PEPTIDE HYDROLASES, metabolism/ *PEPTIDES, metabolism/ RATS

1520. **Crane GG, Pryor DS, Wells JV:** Tropical splenomegaly syndrome in New Guinea. II. Long term results of splenectomy.
Trans R Soc Trop Med Hyg 66:733-42, 1972
ADOLESCENCE/ ADULT/ AGRANULOCYTOSIS, surgery/ BLOOD CELL COUNT/ CHILD/ ERYTHROCYTE AGING/ FEMALE/ HEMOGLOBIN, analysis/ HUMAN/ IGG, analysis/ IGM, analysis/ MALE/ NEUTROPHILS/ NEW GUINEA/ PLASMA VOLUME/ *SPLENECTOMY/ SPLENECTOMY, adverse effects/ SPLENECTOMY, mortality/ SPLENOMEGALY, blood/ SPLENOMEGALY, immunology/ SPLENOMEGALY, mortality/ SPLENOMEGALY, pathology/ *SPLENOMEGALY, surgery/ THROMBOPENIA, surgery

1521. **Cranley JJ, Krause RJ, Strasser ES, et al:** Results of vena cava ligation.
J Cardiovasc Surg (Torino) 13:403-8, Sep-Oct 72
AFFECTIVE DISTURBANCES, etiology/ EDEMA, etiology/ HEPARIN, therapeutic use/ HUMAN/ LEG/ LIGATION/ LIGATION, adverse effects/ PELVIS/ POSTOPERATIVE CARE/ *PULMONARY EMBOLISM, surgery/ THROMBOPHLEBITIS, drug therapy/ *THROMBOPHLEBITIS, surgery/ VARICOSE ULCER, etiology/ VARICOSE VEINS, etiology/ *VENA CAVA, INFERIOR, surgery

1522. **Crawford IP:** Purification and properties of normal human alpha 1-antitrypsin.
Arch Biochem Biophys 156:215-22, May 73
ALPHA GLOBULIN, analysis/ *ALPHA GLOBULIN, isolation & purification/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AUTOANALYSIS/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ CYSTEINE, analysis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HUMAN/ ISOELECTRIC FOCUSING/ MOLECULAR WEIGHT/ RABBITS, immunology/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPSIN INHIBITORS, analysis/ *TRYPSIN INHIBITORS, blood/ TRYPSIN INHIBITORS, isolation & purification/ TRYPSIN INHIBITORS, metabolism/ TRYPTOPHAN, analysis/ ULTRACENTRIFUGATION

1523. **Crawford JJ:** Interaction of Actinomyces organisms with cationic polypeptides. I. Histochemical studies of

infected human and animal tissues.
Infect Immun 4:632-41, Nov 71
ABSCESS, microbiology/ ABSCESS, pathology/ ACTINOMYCES, cytology/ *ACTINOMYCES, cytology/ ACTINOMYCES, drug effects/ ACTINOMYCETE INFECTIONS, microbiology/ *ACTINOMYCETE INFECTIONS, pathology/ ANIMAL EXPERIMENTS/ CELL NUCLEUS, drug effects/ CYTOPLASM, analysis/ GUINEA PIGS/ HISTOCYTOCHEMISTRY/ HISTONES, pharmacodynamics/ HUMAN/ LEUKOCYTES, analysis/ LUNG, microbiology/ LUNG, pathology/ MALE/ *PEPTIDES, isolation & purification/ PROTAMINES, pharmacodynamics/ RIBONUCLEASE, pharmacodynamics/ SKIN, microbiology/ SKIN, pathology/ STAINS AND STAINING/ TRYPSIN, pharmacodynamics

1524. **Crawford JL, Lipscomb WN, Schellman CG:** The reverse turn as a polypeptide conformation in globular proteins.
Proc Natl Acad Sci USA 70:538-42, Feb 73
AMINO ACID SEQUENCE/ CARBOXYPEPTIDASES/ CHYMOTRYPSIN/ CYTOCHROMES/ MURAMIDASE/ MYOGLOBIN/ *PROTEIN CONFORMATION/ RIBONUCLEASE/ SUBTILISINS

1525. **Crawford LV, Gesteland RF:** Synthesis of polyoma proteins in vitro. J Mol Biol 74:627-34, 15 Mar 73
CHROMATOGRAPHY, THIN LAYER/ CYTOSOL, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ESCHERICHIA COLI, cytology/ ESCHERICHIA COLI, metabolism/ GEL FILTRATION/ IN VITRO/ PEPTIDE INITIATION FACTORS/ PEPTIDES, analysis/ POLYOMA VIRUS, analysis/ *POLYOMA VIRUS, metabolism/ RIBOSOMES, metabolism/ SULFUR ISOTOPES/ TRANSCRIPTION, GENETIC/ TRANSLATION, GENETIC/ TRYPSIN/ ULTRACENTRIFUGATION/ VIRAL PROTEINS, analysis/ *VIRAL PROTEINS, biosynthesis

1526. **Creason MT, Creason PL:** Alpha 1 -antitrypsin immunoelectrophoresis.
Am J Med Technol 38:387-93, Oct 72
*ALPHA GLOBULIN/ ELECTROPHORESIS, STARCH GEL/ EVALUATION STUDIES/ HUMAN/ IMMUNE SERUMS, analysis/ *IMMUNOELECTROPHORESIS/ METHODS/ STAINS AND STAINING/ *TRYPSIN INHIBITORS, blood

1527. **Creason PL, Creason MT:** Alpha 1 -antitrypsin Pi types by crossed-electrophoresis.
Am J Med Technol 38:292-7, Aug 72
*ALPHA GLOBULIN, classification/ BUFFERS/ ELECTROPHORESIS, STARCH GEL/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IMMUNE SERUMS, analysis/ *IMMUNOELECTROPHORESIS/ METHODS/ PHENOTYPE/ *TRYPSIN INHIBITORS, classification/ *VARIATION (GENETICS)

1528. **Creech BJ, DeVito RV, Eade GG:** Viability of split-skin grafts from pigs following incubation on autologous blood or serum for various periods.
Plast Reconstr Surg 51:572-4, May 73
ANIMAL EXPERIMENTS/ *BLOOD/ *GRAFT REJECTION/ HEMATOMA, prevention & control/ HUMIDITY/ *SKIN, transplantation/ SWINE/ TIME FACTORS/ TISSUE CULTURE/ TISSUE PRESERVATION/ TISSUE SURVIVAL/ TRANSPLANTATION, AUTOLOGOUS

1529. **Crepin G:** Emploi de l'acénocoumarol en gynécologie obstétrique. Lille Med 16:Suppl 1:230-3, Jan 71 (Fre)
ACENOCOUMAROL, administration & dosage/ *ACENOCOUMAROL, therapeutic use/ ADULT/ BLOOD COAGULATION TESTS/ *CESAREAN SECTION/ FEMALE/ *GYNECOLOGIC DISEASES, surgery/ GYNECOLOGIC NEOPLASMS, surgery/ HEPARIN, therapeutic use/ HUMAN/ HYSTERECTOMY/ MIDDLE AGE/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PREGNANCY/ THROMBOEMBOLISM, prevention & control/ THROMBOSIS, prevention & control

1530. **Crépy C, Brocheriou C:** Une observation d'angiome de la parotide.
Rev Stomatol Chir Maxillofac 73:213-5, Apr-May 72 (Fre)
ADULT/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ *HEMANGIOMA/ HEMANGIOMA, diagnosis/ HEMANGIOMA, pathology/ HEMANGIOMA, surgery/ HUMAN/ MALE/ *PAROTID NEOPLASMS/ PAROTID NEOPLASMS, diagnosis/ PAROTID NEOPLASMS, pathology/ PAROTID NEOPLASMS, surgery/ SALIVARY DUCT CALCULI, diagnosis/ SIALOGRAPHY

1531. **Crexells C, Aerichide N, Bonny Y, et al:** Factors influencing hemolysis in valve prosthesis.
Am Heart J 84:161-70, Aug 72
*ANEMIA, HEMOLYTIC, etiology/ BLOOD COAGULATION TESTS/ *HEART VALVE PROSTHESIS, adverse effects/ *HEMOLYSIS/ HUMAN/ HYDROXYBUTYRATE DEHYDROGENASE, blood/ LACTATE DEHYDROGENASE, blood/ SILICONES, adverse effects

1532. **Crichton RR, Wittmann HG:** A native ribonucleoprotein complex from Escherichia coli ribosomes. Proc Natl Acad Sci USA 70:665-8, Mar 73
*BACTERIAL PROTEINS, isolation & purification/ BACTERIAL PROTEINS, metabolism/ CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ESCHERICHIA COLI, analysis/ ESCHERICHIA COLI, cytology/ GEL FILTRATION/ PROTEIN BINDING/ RIBONUCLEASE/ *RIBOSOMES, analysis/ *RNA, BACTERIAL, isolation & purification/ RNA, BACTERIAL, metabolism/ *RNA, RIBOSOMAL, isolation & purification/ RNA, RIBOSOMAL, metabolism/ SUBTILISINS/ TRITIUM/ TRYPSIN

1533. **Crile G Jr, Hawk WA Jr:** Aspiration biopsy of thyroid nodules. Surg Gynecol Obstet 136:241-5, Feb 73
*BIOPSY, NEEDLE/ *CARCINOMA, pathology/ CARCINOMA, PAPILLARY, diagnosis/ *CARCINOMA, PAPILLARY, pathology/ CYSTS, pathology/ CYSTS, therapy/ DIAGNOSIS, DIFFERENTIAL/ GOITER, NODULAR, diagnosis/ GOITER, NODULAR, pathology/ HEMATOMA, diagnosis/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ THYROID DISEASES, drug therapy/ *THYROID DISEASES, pathology/ THYROID HORMONES, therapeutic use/ *THYROID NEOPLASMS, pathology/ THYROIDECTOMY/ THYROIDITIS, LYMPHOMATOUS, pathology

1534. **Cristol R, Debray J, Aron:** Les manifestations cardiovasculaires du pseudo-xanthome élastique à propos d'un cas typique avec infarctus myocardique.
Ann Med Interne (Paris) 123:771-6, Aug-Sep 72 (Fre)
ADOLESCENCE/ ADULT/ ANTICOAGULANTS, therapeutic use/ BIOPSY/ ELECTROCARDIOGRAPHY/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, drug therapy/ *MYOCARDIAL INFARCT, etiology/ *PSEUDOXANTHOMA ELASTICUM, complications/ PSEUDOXANTHOMA ELASTICUM, diagnosis/ PSEUDOXANTHOMA ELASTICUM, pathology/ RETINAL HEMORRHAGE, etiology/ SKIN, pathology/ SKIN MANIFESTATIONS/ VISION DISORDERS, etiology

1535. **Croft LR:** Amino and carboxy terminal sequence of -crystallin, from haddock lens.
Biochim Biophys Acta 295:174-7, 25 Jan 73
AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CATTLE/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ *CRYSTALLINS, analysis/ DANSYL COMPOUNDS/ *FISHES/ GEL FILTRATION/ PEPTIDES, analysis/ SPECIES SPECIFICITY/ THIOCYANATES/ TRYPSIN

1536. **Croft LR:** The amino acid sequence of -crystallin (fraction II) from calf lens.
Biochem J 128:961-70, Jul 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CATTLE/ CHROMATOGRAPHY, PAPER/ *CRYSTALLINS, analysis/ CYANOGEN BROMIDE/ ELECTROPHORESIS/ PEPTIDES, analysis/ TRYPSIN

1537. **Crombie G, Foster JA, Franzblau C:** Isolation of the tetrapeptide Gly-Val-Pro-Gly from an elastin digest.
Biochem Biophys Res Commun 52:1228-33, 19 Jun 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BOROHYDRIDES/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN LAYER/ DANSYL COMPOUNDS/ *ELASTIN, analysis/ HYDRAZINES/ HYDROLYSIS/ OLIGOPEPTIDES, analysis/ *OLIGOPEPTIDES, isolation & purification/ OXIDATION-REDUCTION/ PANCREATOPEPTIDASE/ PEPTIDE PEPTIDOHYDROLASES/ TRITIUM

1538. **Crosby IK, Wathanacharoen S, Reed WA:** Cardiac transplantation. Immunosuppressive role of anticoagulation.
J Kans Med Soc 74:226-7 passim, Jun 73
ABDOMEN/ ANIMAL EXPERIMENTS/ DOGS/ GRAFT REJECTION/ *HEART, transplantation/ *HEPARIN, therapeutic use/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION IMMUNOLOGY

1539. **Cross L:** Serum insulin or plasma-insulin?
Lancet 1:491-2, 3 Mar 73
ANTIGENS/ EDTA, metabolism/ HEPARIN, metabolism/ HUMAN/ *INSULIN, blood/ METHODS/ *PLASMA

1540. **Cross RK, Fields BN:** Temperature-sensitive mutants of reovirus type 3: studies on the synthesis of viral RNA.
Virology 50:799-809, Dec 72
AUTORADIOGRAPHY/ CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ CHYMOTRYPSIN, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ DENSITOMETRY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ L CELLS/ MICE/ *MUTATION/ RECOMBINATION, GENETIC/ REOVIRUS, analysis/ REOVIRUS, classification/ REOVIRUS, enzymology/ REOVIRUS, growth & development/ *REOVIRUS, metabolism/ RNA POLYMERASE, metabolism/ RNA, VIRAL, analysis/ *RNA, VIRAL, biosynthesis/ TEMPERATURE/ TRITIUM/ URIDINE, metabolism/ VIRUS REPLICATION

1541. **Crouchman M, Tubbs OS, Hill IM:** Results of Starr-Edwards valve replacement in 184 patients: factors influencing mortality and morbidity.
Br Heart J 35:556, May 73
ADOLESCENCE/ ADULT/ AGED/ ANTICOAGULANTS, adverse effects/ *AORTIC VALVE/ FEMALE/ HEART VALVE PROSTHESIS, adverse effects/ *HEART VALVE PROSTHESIS, mortality/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, occurrence

1542. **Crowell RM, Olsson Y:** Impaired microvascular filling after focal cerebral ischemia in the monkey. Modification by treatment.
Neurology (Minneap) 22:500-4, May 72
ANIMAL EXPERIMENTS/ BRAIN, pathology/ CEREBRAL ARTERIES, physiopathology/ CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ CEREBRAL ISCHEMIA, TRANSIENT, pathology/ *CEREBRAL ISCHEMIA, TRANSIENT, physiopathology/ *CEREBROVASCULAR CIRCULATION/ DEXTRAN, therapeutic use/ HEPARIN, therapeutic use/ HYPERVENTILATION/ MACACA/ *MICROCIRCULATION/ MONKEYS/ PROGNOSIS/ REGIONAL BLOOD FLOW

1543. **Crowley MF, Garbien KJ, Rosser A:** Human growth hormone: a comparison of the results of plasma and serum assays using double-antibody techniques.
Clin Chim Acta 45:19-24, 19 Apr 73
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ COMPARATIVE STUDY/ CORTICOTROPIN, pharmacodynamics/ EDTA/ EVALUATION STUDIES/ HEPARIN/ HUMAN/ INSULIN, diagnostic use/ IODINE ISOTOPES/ METHODS/ MIDDLE AGE/ PLASMA, analysis/ RABBITS, immunology/ RADIOIMMUNOASSAY/ *SOMATOTROPIN, blood

1544. **Crowther D, Powles RL, Bateman CJ, et al:** Management of adult acute myelogenous leukaemia.
Br Med J 1:131-7, 20 Jan 73
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ ANTINEOPLASTIC AGENTS, administration & dosage/ BCG VACCINATION/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CHILD/ COMPARATIVE STUDY/ CYTARABINE, therapeutic use/ DAUNOMYCIN, therapeutic use/ HUMAN/ IMMUNOTHERAPY/ LEUKEMIA, MYELOBLASTIC, drug therapy/ LEUKEMIA, MYELOBLASTIC, mortality/ *LEUKEMIA, MYELOBLASTIC, therapy/ MERCAPTOPURINE, therapeutic use/ METHOTREXATE, therapeutic use/ MIDDLE AGE/ REMISSION/ THIOGUANINE, therapeutic use

1545. **Crozdea J, Bierme R:** Identification du chromosome X par l'étdue quantitative de la myélopéroxydase.
Nouv Presse Med 1:3132, 23 Dec 72 (Fre)
CYTOGENETICS/ FEMALE/ GENETICS, BIOCHEMICAL/ *HEMOPHILIA, enzymology/ HUMAN/ MALE/ METHODS/ *NEUTROPHILS, enzymology/ PEDIGREE/ *PEROXIDASES, blood/ *SEX CHROMOSOMES

1546. **Cruickshank WH, Kaplan H:** A competitive labelling method for determining the ionization constants and reactivity of individual histidine residues in proteins. The histidines of -chymotrypsin.
Biochem J 130:1125-31, Dec 72
CHEMISTRY/ *CHYMOTRYPSIN/ FLUORIDES/ *HISTIDINE/ HYDROGEN-ION CONCENTRATION/ IMIDAZOLES/ IONS/ ISOTOPE LABELING/ NITROBENZENES/ PEPTIDES/ PROTEIN CONFORMATION/ SERINE/ TRITIUM

1547. **Crummy CS, Perlin E, Moquin RB:** Microangiopathic hemolytic anemia in Wegener's granulomatosis.
Am J Med 51:544-8, Oct 71
ALLOPURINOL, therapeutic use/ ANEMIA, HEMOLYTIC, ACQUIRED, drug therapy/ *ANEMIA, HEMOLYTIC, ACQUIRED, etiology/ AZATHIOPRINE, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ MALE/ *MICROCIRCULATION/ MIDDLE AGE/ PREDNISONE, therapeutic use/ REMISSION/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, etiology/ *WEGENER'S GRANULOMATOSIS, complications/ WEGENER'S GRANULOMATOSIS, drug therapy

1548. **Cruz J:** Glomerulonefrite subaguda. Conceito e tratamento.
Rev Hosp Clin Fac Med Sao Paulo 27:234-44, Sep-Oct 72 (55 ref.) (Por)
ACUTE DISEASE/ ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, therapeutic use/ DIET THERAPY/ ENGLISH ABSTRACT/ *GLOMERULONEPHRITIS/ GLOMERULONEPHRITIS, complications/ GLOMERULONEPHRITIS, diagnosis/ GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, etiology/ GLOMERULONEPHRITIS, therapy/ HUMAN/ PERITONEAL DIALYSIS/ REST/ REVIEW

1549. **Cruz Camarillo R, Albores Medina A:** Obtención posibles fines comerciales de una protesa alcalina extracelular de Serratia marcescens.
Rev Lat Am Microbiol 14:211-9, Oct-Dec 72 (Spa)
AMINO ACIDS/ ANIMAL EXPERIMENTS/ CULTURE MEDIA/ ENGLISH ABSTRACT/ GELATIN/ METHODS/ *PEPTIDE

HYDROLASES, isolation & purification/ *SERRATIA MARCESCENS, enzymology/ SERRATIA MARCESCENS, growth & development/ SOY BEANS/ TEMPERATURE/ TIME FACTORS

1550. **Cruz Camarillo R, Medina Curiel C:** Propiedades de una proteasa Extracelular de Serratia marcescens.
Rev Lat Am Microbiol 14:29-35, Jan-Mar 72 (Spa)
ENGLISH ABSTRACT/ GEL FILTRATION/ KINETICS/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *SERRATIA MARCESCENS, enzymology

1551. **Cryer A, Foster B, Wing DR, et al:** The effect of cycloheximide on adipose-tissue clearing-factor lipase.
Biochem J 132:833-6, Apr 73
ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, enzymology/ ANIMAL EXPERIMENTS/ *CYCLOHEXIMIDE, pharmacodynamics/ ENZYME ACTIVATION/ KINETICS/ LIPOPROTEIN LIPASE, antagonists & inhibitors/ *LIPOPROTEIN LIPASE, metabolism/ MALE/ RATS/ STARVATION/ TEMPERATURE/ TIME FACTORS

1552. **Cserháti I, Tóth S:** Actinomycin-D hatásának vizsgálata egerek thrombocytopoesisére 75 Se-el jelzett methionin vizsgálatok alapján.
Orv Hetil 114:1348-53, 10 Jun 73 (Hun)
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, drug effects/ *DACTINOMYCIN, pharmacodynamics/ METHIONINE, diagnostic use/ MICE/ RADIOISOTOPES/ SELENIUM

1553. **Cserhati MD:** Primäre Wirbelsäulentumoren.
Helv Chir Acta 40:193-7, Mar 73 (Ger)
ADOLESCENCE/ ADULT/ AGED/ BONE CYST, diagnosis/ CHILD/ CHILD, PRESCHOOL/ CHONDROBLASTOMA, diagnosis/ CHONDROMA, diagnosis/ CHONDROSARCOMA, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ EOSINOPHILIC GRANULOMA, diagnosis/ FEMALE/ GIANT CELL TUMORS, diagnosis/ HEMANGIOMA, diagnosis/ HUMAN/ MALE/ MIDDLE AGE/ OSTEOMA, OSTEOID, diagnosis/ PLASMACYTOMA, diagnosis/ SARCOMA, EWING'S, diagnosis/ SARCOMA, RETICULUM CELL, diagnosis/ SPINAL DISEASES, diagnosis/ *SPINAL NEOPLASMS/ SPINAL NEOPLASMS, diagnosis/ SPINAL NEOPLASMS, therapy

1554. **Cserháti T, Holló J:** Uber die Verwendung von Mikroben-Proteasen in der Milchindustrie. 1. Untersuchung der Bedingungen der Produktion des milchkoagulierenden Enzyms durch Endothia parasitica und Mucor pusillus.
Nahrung 16:431-40, 1972 (Ger)
*ASCOMYCETES, enzymology/ ASCOMYCETES, growth & development/ ASCOMYCETES, metabolism/ CULTURE MEDIA/ ENGLISH ABSTRACT/ *FOOD MICROBIOLOGY/ HYDROGEN-ION CONCENTRATION/ MILK/ *MUCOR, enzymology/ MUCOR, growth & development/ MUCOR, metabolism/ OXYGEN CONSUMPTION/ *PEPTIDE HYDROLASES, biosynthesis/ PEPTIDE HYDROLASES, metabolism/ SULFITES, metabolism/ TEMPERATURE/ TIME FACTORS

1555. **Cuatrecasas P:** Interaction of concanavalin A and wheat germ agglutinin with the insulin receptor of fat cells and liver.
J Biol Chem 248:3528-34, 25 May 73
ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ BINDING SITES/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, metabolism/ CONCANAVALIN A, administration & dosage/ CONCANAVALIN A, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG SYNERGISM/ *INSULIN, metabolism/ IODINE ISOTOPES/ KINETICS/ LIVER, cytology/ LIVER, drug effects/ *LIVER, metabolism/ *PHYTOMITOGENS, pharmacodynamics/ PLANT AGGLUTININS, administration & dosage/ *PLANT AGGLUTININS, pharmacodynamics/ RATS/ RECEPTORS, HORMONE, drug effects/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN, pharmacodynamics/ *WHEAT

1556. **Cuatrecasas P:** Interaction of wheat germ agglutinin and concanavalin A with isolated fat cells.
Biochemistry 12:1312-23, 27 Mar 73
ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ CONCANAVALIN A, metabolism/ EGG PROTEINS, pharmacodynamics/ GLUCOSAMINE, pharmacodynamics/ GLYCOSIDES/ INSULIN, pharmacodynamics/ IODINE ISOTOPES/ MEMBRANES/ MUCOPROTEINS, pharmacodynamics/ NEURAMINIDASE, pharmacodynamics/ PHOSPHOLIPASE, pharmacodynamics/ *PHYTOMITOGENS, metabolism/ *PLANT AGGLUTININS, metabolism/ PLANT PROTEINS/ PRONASE, pharmacodynamics/ PROTEIN BINDING/ STARVATION/ TRYPSIN, pharmacodynamics/ *WHEAT

1557. **Cuatrecasas P:** Insulin receptor of liver and fat cell membranes.
Fed Proc 32:1838-46, Aug 73
*ADIPOSE TISSUE, cytology/ BINDING SITES/ CELL MEMBRANE/ CHEMISTRY/ CHROMATOGRAPHY, AFFINITY/ DIABETES MELLITUS, metabolism/ GALACTOSIDASE, pharmacodynamics/ GLYCOPROTEINS, analysis/ HUMAN/ *INSULIN/ IODINE ISOTOPES/ KINETICS/ *LIVER, cytology/ NEURAMINIDASE, pharmacodynamics/ OBESITY/ PHOSPHOLIPASE, pharmacodynamics/ PREDNISONE, pharmacodynamics/ PROTEIN BINDING/ *RECEPTORS, HORMONE/ RECEPTORS, HORMONE, drug effects/ STARVATION/ TRYPSIN, pharmacodynamics

1558. **Cucuianu M, Deac M, Bornuz F, et al:** Effect of L-asparaginase therapy upon some indices of protein metabolism in leukemic patients.
Rev Roum Med Intern 10:121-31, 1973
ACUTE DISEASE/ ADULT/ AMINO ACIDS, blood/ AMINO ACIDS, urine/ ASPARAGINASE, pharmacodynamics/ *ASPARAGINASE, therapeutic use/ *BLOOD PROTEINS, metabolism/ CERULOPLASMIN, blood/ CHOLESTEROL, blood/ CHOLINESTERASE, blood/ CYCLOPHOSPHAMIDE, therapeutic use/ DAUNOMYCIN, therapeutic use/ ENZYME ACTIVATION, drug effects/ FACTOR XIII, metabolism/ FEMALE/ FIBRINOGEN, metabolism/ HUMAN/ LEUKEMIA, blood/ *LEUKEMIA, drug therapy/ LEUKEMIA, enzymology/ LIPIDS, blood/ LIPOPROTEINS, blood/ MALE/ PLASMINOGEN, metabolism/ VINCRISTINE, therapeutic use

1559. **Cultrera G, Lampugnani P:** Fibrinogen-Turnover nach Verabreichung von Hirnphospholipiden in Kombination mit einem Antifibrinolytikum (AMCHA.
Arzneim Forsch 23:445-7, Mar 73 (Ger)
*ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ *CYCLOHEXANECARBOXYLIC ACIDS, pharmacodynamics/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ *FIBRINOGEN, metabolism/ HUMAN/ IODINE ISOTOPES/ *THROMBOPLASTIN, pharmacodynamics

1560. **Cunliffe WJ, Roberts BE, Dodman B:** Behçet's syndrome and oral fibrinolytic therapy.
Br Med J 2:486-7, 26 May 73
ADULT/ BEHCET'S SYNDROME, drug therapy/ *BEHCET'S SYNDROME, etiology/ ETHYLESTRENOL, therapeutic use/ *FIBRINOLYSIS/ HUMAN/ MALE/ PHENFORMIN, therapeutic use/ STANOZOLOL, therapeutic use/ THROMBOPHLEBITIS, complications

1561. **Cunningham M, Cash JD:** Bacterial contamination of platelet concentrates stored at 20 degrees C.
J Clin Pathol 26:401-4, Jun 73

AGAR/ *BACTERIA, isolation & purification/ BACTERIOLOGICAL TECHNICS/ *BLOOD PLATELETS, microbiology/ *BLOOD PRESERVATION/ CULTURE MEDIA/ HUMAN/ METHODS/ TEMPERATURE

1562. **Cuparencu B, Mocan R, Safta L: The effect of benactyzine and meprobamate on the development of experimental atherosclerosis in rabbits.**
Cor Vasa 15:136-45, 1973
ANIMAL EXPERIMENTS/ ARTERIOSCLEROSIS, blood/ *ARTERIOSCLEROSIS, drug therapy/ ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, prevention & control/ *BENACTYZINE, therapeutic use/ CHOLESTEROL, blood/ CHOLESTEROL, DIETARY/ DIET, ATHEROGENIC/ DISEASE MODELS, ANIMAL/ LIPIDS, blood/ LIPOPROTEINS, blood/ MALE/ *MEPROBAMATE, therapeutic use/ RABBITS

1563. **Currier RD, Haerer AF: Acute cerebral infarction. Evaluation and treatment.**
Postgrad Med 54:83-8, Oct 73
ANGIOGRAPHY/ ANTICOAGULANTS, therapeutic use/ ASPIRIN, therapeutic use/ BLOOD PRESSURE DETERMINATION/ CEREBRAL ISCHEMIA, TRANSIENT, therapy/ CEREBROSPINAL FLUID, analysis/ CEREBROVASCULAR DISORDERS, complications/ *CEREBROVASCULAR DISORDERS, therapy/ DEXTRAN, therapeutic use/ EYE MOVEMENTS/ HOSPITALIZATION/ HUMAN/ NEUROLOGIC EXAMINATION/ PNEUMONIA, etiology/ PULMONARY EMBOLISM, etiology/ SKULL, radiography/ SPINAL PUNCTURE/ THORACIC RADIOGRAPHY/ VISUAL FIELDS

1564. **Currier RW 2d, Taylor A Jr, Wolf FS, et al: Fatal staphylococcal food poisoning.**
South Med J 66:703-5, Jun 73
COAGULASE, analysis/ *DISEASE OUTBREAKS/ FEMALE/ GASTROENTERITIS, etiology/ HUMAN/ MIDDLE AGE/ STAPHYLOCOCCAL FOOD POISONING, diagnosis/ *STAPHYLOCOCCAL FOOD POISONING, mortality/ STAPHYLOCOCCAL FOOD POISONING, occurrence/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, pathogenicity

1565. **Curtis CG, Stenberg P, Chou CH, et al: Titration and subunit localization of active center cysteine in fibrinoligase (thrombin-activated fibrin stabilizing fector).**
Biochem Biophys Res Commun 52:51-6, 1 May 73
BINDING SITES/ CALCIUM, pharmacodynamics/ CARBON ISOTOPES/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ *CYSTEINE, analysis/ ELECTROPHORESIS, DISK/ ENZYME ACTIVATION/ *FACTOR XIII, analysis/ FACTOR XIII, metabolism/ FLUORESCENCE SPECTROMETRY/ HUMAN/ IODOACETATES, pharmacodynamics/ PROTEIN CONFORMATION/ THROMBIN/ *TRANSFERASES, analysis

1566. **Curtis GL, Ryan WL: In vitro catabolism of heterologous and homologous serum albumin by lysosomal enzymes.**
Proc Soc Exp Biol Med 142:333-9, Jan 73
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CATHEPSIN, metabolism/ HYDROLYSIS/ INDICATORS AND REAGENTS/ LIVER, cytology/ LIVER, enzymology/ *LYSOSOMES, enzymology/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, metabolism/ PEPTIDES, analysis/ RABBITS/ RATS/ *SERUM ALBUMIN, metabolism/ SPECIES SPECIFICITY/ SPLEEN, cytology/ SPLEEN, enzymology/ TIME FACTORS/ ULTRAFILTRATION

1567. **Curtoni ES, Scudeller G, Mattiuz PL, et al: Anti-HL-A antibody evolution in recipients of planned transfusions.** Tissue Antigens 2:415-26, 1972
*ANTIBODY FORMATION/ ANTIBODY SPECIFICITY/ BLOOD PLATELETS/ *BLOOD TRANSFUSION/ *HISTOCOMPATIBILITY ANTIGENS/ HISTOCOMPATIBILITY TESTING/ HUMAN/ IMMUNE SERUMS, analysis/ IMMUNIZATION SCHEDULE/ IMMUNIZATION, SECONDARY/ LEUKOCYTES/ MALE

1568. **Curzon G, Friedel J, Knott PJ: The effect of fatty acids on the binding of tryptophan to plasma protein.**
Nature 242:198-200, 16 Mar 73
ANIMAL EXPERIMENTS/ *BLOOD PROTEINS, metabolism/ FATTY ACIDS, NONESTERIFIED, blood/ *FATTY ACIDS, NONESTERIFIED, pharmacodynamics/ HEPARIN, pharmacodynamics/ HUMAN/ IN VITRO/ LINOLEIC ACID, pharmacodynamics/ OLEIC ACID, pharmacodynamics/ PALMITIC ACID, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ PROTEIN BINDING, drug effects/ RATS/ *TRYPTOPHAN, blood

1569. **Cuschieri A, Baker PR, Shields R: Auxiliary liver perfusion in the pig. Effect of ischaemically damaged livers on recipient animals.**
J Surg Res 13:188-96, Oct 72
ANIMAL EXPERIMENTS/ BICARBONATES, administration & dosage/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ELECTROLYTES, administration & dosage/ GLUCOSE, administration & dosage/ HEPARIN, administration & dosage/ ISCHEMIA, complications/ *LIVER DISEASES, complications/ LIVER DISEASES, drug therapy/ NECROSIS, complications/ PERFUSION/ SWINE

1570. **Cuschieri A, Brearley R, Bradley J, et al: Recurrent venous thrombosis and portal hypertension.**
N Engl J Med 287:1083-5, 23 Nov 72
ADULT/ BLOOD PROTEIN DISORDERS, complications/ COLD/ FIBRINOGEN/ HUMAN/ *HYPERTENSION, PORTAL, etiology/ MALE/ RECURRENCE/ SYNDROME/ *THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, etiology/ THROMBOSIS, complications

1571. **Cutler JE, Friedman L, Milner KC: Biological and chemical characterization of toxic substances from Candida albicans.** Infect Immun 6:616-27, Oct 72
ANIMAL EXPERIMENTS/ *CANDIDA ALBICANS, analysis/ CANDIDA ALBICANS, growth & development/ CARBOHYDRATES, analysis/ CATTLE/ CELL WALL, analysis/ CHEMISTRY/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, PAPER/ CRABS/ CYTOPLASM, analysis/ FATTY ACIDS, NONESTERIFIED, analysis/ FUNGAL PROTEINS, analysis/ LETHAL DOSE 50/ MICE/ MICE, INBRED STRAINS/ *MYCOTOXINS, analysis/ MYCOTOXINS, isolation & purification/ MYCOTOXINS, toxicity/ PEPTIDE HYDROLASES/ RABBITS/ SPECTROPHOTOMETRY/ TEMPERATURE

1572. **Cuzner ML, Davison AN: Changes in cerebral lysosomal enzyme activity and lipids in multiple sclerosis.**
J Neurol Sci 19:29-36, May 73
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ *BRAIN, metabolism/ CEPHALINS, metabolism/ CEREBRAL CORTEX, enzymology/ CEREBRAL CORTEX, metabolism/ CEREBROSIDES, metabolism/ CHOLESTEROL, metabolism/ CHRONIC DISEASE/ GLUCURONIDASE, metabolism/ HUMAN/ *HYDROLASES, metabolism/ LECITHINS, metabolism/ *LIPIDS, metabolism/ LYSOSOMES, enzymology/ *LYSOSOMES, metabolism/ MULTIPLE SCLEROSIS, enzymology/ *MULTIPLE SCLEROSIS, metabolism/ MYELIN SHEATH, enzymology/ MYELIN SHEATH, metabolism/ NERVE TISSUE PROTEINS, metabolism/ PEPTIDE HYDROLASES, metabolism/ PHOSPHOLIPIDS, metabolism/ RATS/ SULFATASES, metabolism/ SULFATIDES, metabolism

1573. **Cybulsky DL, Kandel SI, Kandel M, et al: Location of histidine residues that react with**

bromoacetazolamide and N-bromoacetylacetazolamide in human and bovine carbonic anhydrases. J Biol Chem 248:3411-8, 25 May 73
*ACETAZOLAMIDE/ ACETIC ACIDS/ ALKYLATION/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AUTOANALYSIS/ BINDING SITES/ BROMINE/ CARBON ISOTOPES/ *CARBONIC ANHYDRASE, analysis/ CARBONIC ANHYDRASE, isolation & purification/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS, PAPER/ *HISTIDINE, analysis/ HUMAN/ ISOENZYMES, analysis/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PROTEIN DENATURATION/ SPECIES SPECIFICITY/ THIOCYANATES/ TRYPSIN

1574. **Cyran W:** Die Hypermenorrhoe.
Ther Umsch 30:503-5, Jul 73 (Ger)
BLOOD COAGULATION DISORDERS, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LEIOMYOMA, complications/ *MENORRHAGIA, etiology/ UTERINE NEOPLASMS, complications

1575. **Czapek EE:** Coagulation problems.
Int Anesthesiol Clin 11:175-201, Summer 73 (66 ref.)
ABRUPTIO PLACENTAE, etiology/ BLOOD COAGULATION/ *BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION DISORDERS, familial & genetic/ BLOOD COAGULATION FACTORS, physiology/ BLOOD COAGULATION TESTS/ BLOOD PLATELET DISORDERS/ BLOOD TRANSFUSION/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ EMBOLISM, AMNIOTIC FLUID, etiology/ FACTOR XIII DEFICIENCY/ FEMALE/ FETAL DEATH, etiology/ FETAL DISEASES, etiology/ FIBRIN, physiology/ FIBRINOGEN/ FIBRINOLYSIS/ HEMOPHILIA/ HUMAN/ LIVER DISEASES, etiology/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, physiopathology/ PREGNANCY TOXEMIAS, etiology/ REVIEW/ SEPTICEMIA, etiology/ *UTERINE HEMORRHAGE, etiology/ VITAMIN K, therapeutic use

1576. **Czapek EE, Deykin D, Salzman EW:** Platelet dysfunction in glycogen storage disease type I.
Blood 41:235-47, Feb 73
ACID PHOSPHATASE, blood/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ *BLOOD PLATELET DISORDERS, etiology/ BLOOD PLATELETS, enzymology/ GLUCOSEPHOSPHATASE, blood/ GLUCOSEPHOSPHATE DEHY- DROGENASE DEFICIENCY/ GLYCOGEN, blood/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ *METABOLIC DISEASES, blood/ METABOLIC DISEASES, complications/ MICROSCOPY, ELECTRON/ PLATELET ADHESIVENESS

1577. **Czech MP, Fain JN:** Cu ++ -dependent thiol stimulation of glucose metabolism in white fat cells.
J Biol Chem 247:6218-23, 10 Oct 72
ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, metabolism/ ALBUMINS, pharmacodynamics/ ANIMAL EXPERIMENTS/ CALCIUM, pharmacodynamics/ CARBON DIOXIDE, biosynthesis/ CARBON ISOTOPES/ *COPPER, pharmacodynamics/ CYSTEINE, pharmacodynamics/ DIALYSIS/ EDTA, pharmacodynamics/ FATTY ACIDS, biosynthesis/ FEMALE/ GEL FILTRATION/ *GLUCOSE, metabolism/ GLUTATHIONE, pharmacodynamics/ GLYCERIN, biosynthesis/ INSULIN, pharmacodynamics/ MAGNESIUM, pharmacodynamics/ OSMOLAR CONCENTRATION/ PHENANTHROLINES/ RATS/ SUCROSE, pharmacodynamics/ *SULFHYDRYL COMPOUNDS, pharmacodynamics/ VITAMIN K, pharmacodynamics

1578. **Czech MP, Lynn WS:** The plasma membrane of isolated fat cells. I. Identification of trypsin-sensitive membrane peptides by sodium dodecyl sulfate polyacrylamide gel electrophoresis.
J Biol Chem 248:5081-8, 25 Jul 73
*ADIPOSE TISSUE, analysis/ ADIPOSE TISSUE, cytology/ ALCOHOL, ETHYL/ ANIMAL EXPERIMENTS/ CARBOHYDRATES, analysis/ *CELL MEMBRANE, analysis/ CHOLESTEROL, analysis/ CLOSTRIDIOPEPTIDASE A/ CLOSTRIDIUM, enzymology/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ GLYCOPEPTIDES, analysis/ INSULIN, metabolism/ IODINE ISOTOPES/ MICROSOMES, analysis/ MITOCHONDRIA, analysis/ MOLECULAR WEIGHT/ *PEPTIDES, analysis/ PHOSPHOLIPIDS, analysis/ PROTEIN BINDING/ PROTEINS, analysis/ RATS/ SODIUM DODECYL SULFATE/ SOLUBILITY/ TRYPSIN

1579. **Czech MP, Lynn WS:** Stimulation of glucose metabolism by lectins in isolated white fat cells.
Biochim Biophys Acta 297:368-77, 28 Feb 73
ADIPOSE TISSUE, cytology/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ CARBON DIOXIDE, metabolism/ CARBON ISOTOPES/ CHROMATOGRAPHY, AFFINITY/ CONCANAVALIN A, pharmacodynamics/ FATTY ACIDS, metabolism/ FEMALE/ *GLUCOSE, metabolism/ GLYCERIN, metabolism/ GLYCOLIPIDS, metabolism/ GLYCOPROTEINS, metabolism/ IN VITRO/ PHLORHIZIN, pharmacodynamics/ *PHYTOMITOGENS, pharmacodynamics/ *PLANT AGGLUTININS, pharmacodynamics/ RATS/ TRYPSIN, pharmacodynamics

1580. **Czekalowski JW, Hall DA, Woolcock P:** Proteolytic activity of Mycoplasma arthritidis.
Ann Rheum Dis 31:428, Sep 72
ANIMAL EXPERIMENTS/ ARTHRITIS, microbiology/ COLLAGEN/ GELATIN/ HUMAN/ *MYCOPLASMA, enzymology/ *PEPTIDE HYDROLASES, metabolism/ RATS

1581. **Częstochowska E:** Wpływ leków hamujących czynność ośrodkowego układu nerwowego na fibrynolizę.
Acta Biol Med (Gdansk) 17:127-45, 1972 (Pol)
ADULT/ ANIMAL EXPERIMENTS/ *BARBITURATES, pharmacodynamics/ CENTRAL NERVOUS SYSTEM, drug effects/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ EXERTION/ FEMALE/ *FIBRINOLYSIS, drug effects/ HUMAN/ MALE/ MIDDLE AGE/ RABBITS/ STRESS/ TIME FACTORS

1582. **Częstochowska E, Helimann A:** Analiza skaz krwotocznych.
Wiad Lek 26:1407-12, 1 Aug 73 (Pol)
BLOOD COAGULATION FACTORS/ ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGIC DIATHESIS, diagnosis/ *HEMORRHAGIC DIATHESIS, occurrence/ HUMAN/ MALE/ SEX FACTORS/ THROMBELASTOGRAPHY

D

1583. **Dąbrowski W, Jankowski J:** Przydatność badań biochemicznych i gazometrycznych w prowadzeniu chorych z ciężkimi obrażeniami ciała.
Wiad Lek 26:225-9, 1 Feb 73 (Pol)
BLOOD CHEMICAL ANALYSIS/ BLOOD GAS ANALYSIS/ BLOOD PRESSURE/ CARBON DIOXIDE, blood/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HEMATOCRIT/ HEMOSTASIS/ HUMAN/ OXYGEN CONSUMPTION/ PARTIAL PRESSURE/ POTASSIUM, blood/ REVIEW/ SHOCK, TRAUMATIC/ WOUNDS AND INJURIES, blood/ WOUNDS AND INJURIES, metabolism/ WOUNDS AND INJURIES, physiopathology/ *WOUNDS AND INJURIES, therapy

1584. **Dacie JV:** La sindrome emolitico-uremica e la anemia emolitica microangiopatica.
Recent Prog Med (Roma) 54:1-22, Jan 73 (Ita)

ADRENAL CORTEX HORMONES, therapeutic use/ *ANEMIA, HEMOLYTIC, ACQUIRED, drug therapy/ ANEMIA, HEMOLYTIC, ACQUIRED, etiology/ ASPIRIN, therapeutic use/ DEXTRAN, therapeutic use/ DIPYRIDAMOLE, therapeutic use/ DRUG HYPERSENSITIVITY, complications/ ENGLISH ABSTRACT/ HEMOLYTIC-UREMIC SYNDROME, drug therapy/ HEMOLYTIC-UREMIC SYNDROME, etiology/ HEPARIN, therapeutic use/ HUMAN/ INFANT/ INFANT, NEWBORN/ INFECTION, complications/ NEOPLASMS, complications/ PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PURPURA, THROMBOPENIC, complications/ SEPTICEMIA, complications/ SPLENECTOMY/ STREPTOKINASE, therapeutic use/ *UREMIA, drug therapy/ UREMIA, etiology

1585. **Dacie JV:** Paroxysmal nocturnal haemoglobinuria. Sci Basis Med 288-306, 1972 (47 ref.)
ANEMIA, complications/ BLOOD PLATELET DISORDERS, complications/ HEMAGGLUTINATION TESTS/ *HEMOGLOBINURIA, PAROXYSMAL/ HEMOGLOBINURIA, PAROXYSMAL, diagnosis/ HEMOLYSIS/ HUMAN/ LEUKOCYTES/ MICROSCOPY, ELECTRON/ MUTATION/ REVIEW/ SLEEP/ THROMBOEMBOLISM, complications/ THROMBOPHLEBITIS, complications

1586. **Dahle HK, Underdal B:** The effects of gamma irradiation on some properties of two Aeromonas proteinases. Acta Vet Scand 13:492-504, 1972
*AEROMONAS, enzymology/ CASEIN, pharmacodynamics/ COBALT ISOTOPES/ FOOD IRRADIATION/ HYDROGEN-ION CONCENTRATION/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, radiation effects/ PRECIPITIN TESTS/ RADIATION DOSAGE/ *RADIATION EFFECTS

1587. **Dahlmann W, Prill A, Köstering H:** Indikationen und Ergebnisse thrombolytischer Behandlung von Verschlüssen im Carotis interna-Stromgebiet. Verh Dtsch Ges Inn Med 78:678-80, 1972 (Ger)
ADULT/ CAROTID ARTERY, INTERNAL/ *CAROTID ARTERY THROMBOSIS, drug therapy/ HEPARIN, therapeutic use/ HUMAN/ MIDDLE AGE/ *STREPTOKINASE, therapeutic use/ TIME FACTORS

1588. **Dajani AS, Wannamaker LW:** Kinetic studies on the interaction of bacteriophage type 71 staphylococcal bacteriocin with susceptible bacteria. J Bacteriol 114:738-42, May 73
ADSORPTION/ AMMONIUM SULFATE/ BACTERIOCINS, biosynthesis/ BACTERIOCINS, isolation & purification/ *BACTERIOCINS, pharmacodynamics/ BIOLOGICAL ASSAY/ CELL WALL/ DRUG RESISTANCE, MICROBIAL/ PRECIPITATION/ SEROTYPING/ *STAPHYLOCOCCAL PHAGES/ STAPHYLOCOCCUS, metabolism/ *STREPTOCOCCUS, drug effects/ TEMPERATURE/ TRYPSIN, pharmacodynamics

1589. **Dale I:** The treatment of juvenile rheumatoid arthritis with azathioprine. Schriftenr Ver Wasser Boden Lufthyg 1:125-7, 1972
ADOLESCENCE/ *ARTHRITIS, JUVENILE RHEUMATOID, drug therapy/ AZATHIOPRINE, adverse effects/ *AZATHIOPRINE, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ MALE/ NAUSEA, chemically induced/ THROMBOPENIA, chemically induced

1590. **Dale I:** A method for preservation of papainized and Rh-sensitized red cells. Transfusion 13:135-7, May-Jun 73
AGGLUTINATION TESTS/ ANTIBODY FORMATION/ *BLOOD PRESERVATION/ *ERYTHROCYTES/ ERYTHROCYTES, immunology/ GENOTYPE/ HEMOLYSIS/ IMMUNE SERUMS/ ISOANTIBODIES/ METHODS/ PAPAIN/ *RH FACTORS/ TIME FACTORS

1591. **Dalgliesh RJ:** Effects of low temperature preservation and route of inoculation on infectivity of Babesia bigemina in blood diluted with glycerol. Res Vet Sci 13:540-5, Nov 72
ANIMAL EXPERIMENTS/ *BABESIASIS, blood/ BLOOD PRESERVATION/ CATTLE/ ERYTHROCYTES, drug effects/ FREEZING/ *GLYCERIN, pharmacodynamics/ HEMOLYSIS, drug effects/ INJECTIONS/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ *REFRIGERATION/ *SPOROZOA, pathogenicity

1592. **Dalgliesh RJ:** Changes in hemolysis of mammalian erythrocytes by rapid freezing and thawing and by mechanical stress during their permeation with glycerol. Cryobiology 9:277-82, Aug 72
ANIMAL EXPERIMENTS/ BLOOD PRESERVATION/ CATTLE/ CRYOPROTECTIVE AGENTS/ *ERYTHROCYTES/ ERYTHROCYTES, drug effects/ *FREEZING/ GLYCERIN, pharmacodynamics/ HEMATOCRIT/ *HEMOLYSIS/ MICE/ *STRESS, MECHANICAL

1593. **(Dam H):** Nutrition classics from The Biochemical Journal 29:1273-1285, 1935. CLIV. The antihaemorrhagic vitamin of the chick. Nutr Rev 31:121, Apr 73
ANIMAL EXPERIMENTS/ CHICKENS/ DENMARK/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HISTORY OF MEDICINE, 20TH CENT./ *VITAMIN K, history

1594. **Damani P, Macintosh D, Patel I, et al:** Serum lipids and fibrinolytic activity in pregnant African, Asian and European women in Uganda. J Obstet Gynaecol Br Commonw 79:1095-8, Dec 72
ADOLESCENCE/ ADULT/ ASIA/ CHOLESTEROL, blood/ CHROMATOGRAPHY, THIN LAYER/ *ETHNIC GROUPS/ EUROPE/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ LABOR/ *LIPIDS, blood/ LYSOLECITHIN, blood/ MIDDLE AGE/ NEGROES/ PHOSPHOLIPIDS, blood/ *PREGNANCY/ SPHINGOMYELINS, blood/ TRIGLYCERIDES, blood/ UGANDA

1595. **Damas J:** La demi-vie de la bradykinine dans les espaces sous-arachnoïdiens du rat. C R Soc Biol (Paris) 166:740-4, 1972 (Fre)
ANIMAL EXPERIMENTS/ *BRADYKININ, metabolism/ CEREBROSPINAL FLUID, enzymology/ HALF-LIFE/ KININOGENS, metabolism/ *KININS, biosynthesis/ *PEPTIDE HYDROLASES, metabolism/ RATS/ *SUBARACHNOID HEMORRHAGE, metabolism/ SUBARACHNOID SPACE, enzymology/ *SUBARACHNOID SPACE, metabolism

1596. **Danan JL, Mester L:** Sur la structure chimique du fibrinogène de poulet modifié. C R Acad Sci [D] (Paris) 676:835-7, 29 Jan 73 (Fre)
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ ARGININE, analysis/ *AVIAN LEUKOSIS VIRUS/ BINDING SITES/ BLOOD TRANSFUSION/ *CHICKENS/ ELECTROPHORESIS/ *FIBRINOGEN, analysis/ GLYCOPEPTIDES, analysis/ GLYCOPROTEINS/ METHODS/ NEURAMINIC ACIDS, analysis/ PHENOTYPE/ PRONASE/ PROTEIN CONFORMATION

1597. **Daniel JL, Hartshorne DJ:** Comparison of the reaction of N-ethylmaleimide with myosin and heavy meromyosin subfragment 1. Biochem Biophys Res Commun 51:125-31, 5 Mar 73
ACTIN, pharmacodynamics/ ACTOMYOSIN/ ADENOSINE TRIPHOSPHATASE/ CALCIUM/ CHEMISTRY/ CHYMOTRYPSIN/ ELECTROPHORESIS/ ENZYME ACTIVATION, drug effects/ *ETHYLMALEIMIDE/ MAGNESIUM/ MEROMYOSINS/ *MUSCLE PROTEINS/ *MYOSIN/ OSMOLAR CONCENTRATION/ PROTEIN CONFORMATION/ SODIUM DODECYL

SULFATE/ SOLUBILITY/ SULFHYDRYL COMPOUNDS

1598. **Danilenko AM, Golyk IG:** Vliianie syvorotki krovi bol'nykh peritonitom na peristal'tiku izolirovannoi kishki krolika. Klin Khir 2:74-5, Feb 73 **(Rus)**
ANIMAL EXPERIMENTS/ *GASTROINTESTINAL MOTILITY/ HUMAN/ INTESTINAL OBSTRUCTION, etiology/ INTESTINE, SMALL, physiopathology/ *PERITONITIS, blood/ PERITONITIS, complications/ PERITONITIS, physiopathology/ RABBITS/ TOXINS, blood/ TRYPSIN, blood

1599. **Danilenko MV, Shcherbeniuk ED:** Proteolitychni fermenty i dymeksyd v kompleksnomu likuvanni uskladnenykh stafilokokovykh pnevmonii u ditei. Pediatr Akush Ginekol 1:17-9, 1973 **(Ukr)**
*ANTIBIOTICS, therapeutic use/ ASPIRATION/ CHILD/ *DIMETHYL SULFOXIDE, therapeutic use/ HUMAN/ *PEPTIDE HYDROLASES, therapeutic use/ PLEURA/ *PNEUMONIA, STAPHYLOCOCCAL, drug therapy

1600. **Danilenko MV, Timchuk MD, Zhuk AV, et al:** Rol' bronkhoskopii v likuvanni stafilokokovykh destruktsii lehen' u ditei.
Pediatr Akush Ginekol 6:17, 1972 **(Ukr)**
ANTIBIOTICS, therapeutic use/ *BRONCHOSCOPY/ CHILD/ HUMAN/ HYDROCORTISONE, therapeutic use/ OXYGEN INHALATION THERAPY/ PEPTIDE HYDROLASES, therapeutic use/ *PNEUMONIA, STAPHYLOCOCCAL, therapy

1601. **D'Anna A:** Interazioni tra farmaci ed alimenti. Minerva Med 64:573-8, 7 Mar 73 **(Ita)**
ALCOHOL, ETHYL, adverse effects/ ANTICOAGULANTS, adverse effects/ ANTIDEPRESSIVE AGENTS, adverse effects/ ANTIDIABETICS, adverse effects/ ANTIHISTAMINICS, adverse effects/ ANTIHYPERTENSIVE AGENTS, adverse effects/ ANTI-INFECTIVE AGENTS, adverse effects/ ANTI-INFLAMMATORY AGENTS, adverse effects/ CHEESE, adverse effects/ DRUG INCOMPATIBILITY/ *DRUG INTERACTIONS/ ENGLISH ABSTRACT/ *FOOD/ HUMAN/ HYPNOTICS AND SEDATIVES, adverse effects/ LACTOSE INTOLERANCE, chemically induced/ MILK, adverse effects/ VASODILATOR AGENTS, adverse effects/ VEGETABLES, adverse effects

1602. **Danon F, Seligmann M:** Serum monoclonal immunoglobulins in childhood.
Arch Dis Child 48:207-11, Mar 73
ADOLESCENCE/ ALDRICH SYNDROME, immunology/ ANTINUCLEAR FACTORS/ BLOOD PROTEIN ELECTROPHORESIS/ CHILD/ CHILD, PRESCHOOL/ CHROMOSOME ABNORMALITIES, immunology/ HUMAN/ IGA/ IGG/ IGM/ *IMMUNOGLOBULINS/ *IMMUNOLOGIC DEFICIENCY SYNDROMES, blood/ IMMUNOSUPPRESSION/ INFANT/ LEUKEMIA, LYMPHOBLASTIC, immunology/ LEUKEMIA, MONOCYTIC, immunology/ LEUKEMIA, MYELOBLASTIC, immunology/ PURPURA, immunology/ PURPURA, THROMBOTIC THROMBOPENIC, immunology/ RHEUMATOID FACTOR/ SUBACUTE SCLEROSING PANENCEPHALITIS, immunology/ TIME FACTORS

1603. **Dantas C:** Angio-osteohypertrophy syndrome with fibrous dysplasia. J Laryngol Otol 87:77-83, Jan 73
*ANGIOMATOSIS, complications/ ANGIOMATOSIS, surgery/ *BONE DISEASES, complications/ BONE DISEASES, surgery/ CHILD/ *FACE/ FACE, pathology/ *FIBROUS DYSPLASIA OF BONE, complications/ FIBROUS DYSPLASIA OF BONE, pathology/ FIBROUS DYSPLASIA OF BONE, radiography/ FIBROUS DYSPLASIA OF BONE, surgery/ HUMAN/ MALE/ SYNDROME

1604. **Danziger J, Bloch S:** Pseudoperipheral haematoma. S Afr Med J 46:1416, 30 Sep 72
CEREBRAL ANGIOGRAPHY/ *CEREBRAL HEMORRHAGE, radiography/ FALSE POSITIVE REACTIONS/ *HEMATOMA, radiography/ HUMAN

1605. **Dao C, Pasquier G, Zittoun R, et al:** Purpura thrombopénique et hyperthyroïdie.
Ann Med Interne (Paris) 124:323-6, Apr 73 **(Fre)**
ADRENAL CORTEX HORMONES, therapeutic use/ ANTIBODIES/ ARRHYTHMIA, etiology/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, complications/ HYPERTHYROIDISM, immunology/ HYPERTHYROIDISM, radiotherapy/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ IODINE ISOTOPES, therapeutic use/ MALE/ MIDDLE AGE/ PURPURA, THROMBOPENIC, blood/ PURPURA, THROMBOPENIC, drug therapy/ *PURPURA, THROMBOPENIC, etiology

1606. **Da Prada M, O'Brien RA, Tranzer JP, et al:** The effect of 5,6-dihydroxytryptamine on uptake, storage and metabolism of 5-hydroxytryptamine by blood platelets. J Pharmacol Exp Ther 186:213-9, Aug 73
ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS, cytology/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ GUINEA PIGS/ HISTAMINE, metabolism/ IN VITRO/ MICROSCOPY, ELECTRON/ MONOAMINE OXIDASE, metabolism/ RABBITS/ RESERPINE, pharmacodynamics/ *SEROTONIN, metabolism/ *TRYPTAMINES, pharmacodynamics/ TYRAMINE, metabolism

1607. **Da Prada M, Pletscher A, Tranzer JP:** Lipid composition of membranes of amine-storage organelles. Biochem J 127:681-3, May 72
ADRENAL MEDULLA, analysis/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, analysis/ CATTLE/ CEPHALINS, analysis/ CHOLESTEROL, analysis/ CHROMAFFIN SYSTEM, analysis/ DOPAMINE/ *LIPIDS, analysis/ LYSOLECITHIN, analysis/ *MEMBRANES, analysis/ MICROSCOPY, ELECTRON/ *ORGANOIDS, analysis/ PHOSPHOINOSITIDES, analysis/ PHOSPHOLIPIDS, analysis/ RABBITS/ SEROTONIN/ SPHINGOMYELINS, analysis

1608. **Da Prada M, Tranzer JP, Pletscher A:** Storage of 5-hydroxytryptamine in human blood platelets.
Experientia 28:1328-9, 15 Nov 72
BLOOD PLATELETS, analysis/ BLOOD PLATELETS, cytology/ *BLOOD PLATELETS, metabolism/ CELL FRACTIONATION/ CENTRIFUGATION, DENSITY GRADIENT/ CYTOPLASMIC GRANULES, analysis/ CYTOPLASMIC GRANULES, metabolism/ HUMAN/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, analysis/ MITOCHONDRIA, metabolism/ ORGANOIDS, analysis/ ORGANOIDS, metabolism/ SEROTONIN, analysis/ *SEROTONIN, blood/ STAINS AND STAINING

1609. **Da Prada M, Von Berlepsch K, Pletscher A:** Storage of biogenic amines in blood platelets and adrenal medulla. Lack of evidence for direct involvement of glycosaminoglycans.
Naunyn Schmiedebergs Arch Pharmacol 275:315-22, 1972
*ADRENAL MEDULLA, metabolism/ *AMINES, metabolism/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ CATTLE/ CHROMAFFIN SYSTEM, metabolism/ GUINEA PIGS/ HEXOSAMINES, metabolism/ IN VITRO/ *MUCOPOLYSACCHARIDES, metabolism/ MUCOPOLYSACCHARIDES, pharmacodynamics/ RABBITS/ RATS/ SEROTONIN/ URONIC ACIDS, metabolism

1610. **Dapunt O:** Orale Kontrazeptiva und Venenerkrankungen.
Arch Dermatol Forsch 244:490-5, 1972 **(Ger)**
ACCIDENTS, TRAFFIC/ ADULT/

ARACHNODACTYLY, complications/ *BLOOD COAGULATION DISORDERS, chemically induced/ BODY WEIGHT, drug effects/ CEREBRAL EMBOLISM AND THROMBOSIS, mortality/ *CONTRACEPTIVES, ORAL, adverse effects/ CONTRACEPTIVES, ORAL, pharmacodynamics/ *EMBOLISM, chemically induced/ ESTROGENS, pharmacodynamics/ FEMALE/ HEADACHE, chemically induced/ HEMODYNAMICS/ HUMAN/ PREGNANCY/ PSYCHOPHYSIOLOGIC DISORDERS, chemically induced/ PULMONARY EMBOLISM, mortality/ *THROMBOPHLEBITIS, chemically induced/ VEINS/ VEINS, drug effects

1611. **Dargent D, Schmid A, Colombani R:** Prophylaxie de la maladie thrombo-embolique engynécologie-obstétrique. Essai du Tandéril. J Gynecol Obstet Biol Reprod (Paris) 1:879-86, Dec 72 (Fre)
ACENOCOUMAROL, administration & dosage/ CESAREAN SECTION/ CLINICAL RESEARCH/ DEXTRAN, administration & dosage/ ENGLISH ABSTRACT/ FEMALE/ *GYNECOLOGIC DISEASES, surgery/ HUMAN/ *LABOR COMPLICATIONS, prevention & control/ LEG, blood supply/ *OXYPHENBUTAZONE, administration & dosage/ PHLEBITIS, complications/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PREGNANCY/ PULMONARY EMBOLISM/ THROMBOEMBOLISM, etiology/ *THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, prevention & control

1612. **Darnall DW, Birnbaum ER:** Lanthanide ions activate alpha-amylase. Biochemistry 12:3489-91, 28 Aug 73
ALCOHOL, ETHYL/ ALKYL SULFONATES/ *AMYLASE/ AMYLASE, analysis/ AMYLASE, antagonists & inhibitors/ APOPROTEINS/ *BACILLUS SUBTILIS, enzymology/ BINDING SITES/ CALCIUM, analysis/ DYSPROSIUM/ ENZYME ACTIVATION/ ENZYME PRECURSORS/ GADOLINIUM/ IONS/ *LUTETIUM/ MACROMOLECULAR SYSTEMS/ MALEATES/ METALLOPROTEINS/ NEODYMIUM/ OSMOLAR CONCENTRATION/ PIPERAZINES/ PRASEODYMIUM/ SAMARIUM/ TRYPSIN

1613. **Das J, Schwartz AA, Folkman J:** Clearance of endotoxin by platelets: role in increasing the accuracy of the Limulus gelation test and in combating experimental endotoxemia. Surgery 74:235-40, Aug 73
ANIMAL EXPERIMENTS/ ANTIBIOTICS, therapeutic use/ *BLOOD PLATELETS/ *CRABS/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ *ENDOTOXINS, blood/ ESCHERICHIA COLI/ FEMALE/ FEVER OF UNKNOWN ORIGIN, diagnosis/ GRAM NEGATIVE BACTERIA/ HUMAN/ LEUKEMIA, drug therapy/ METHODS/ RABBITS/ RATS/ *SEPTICEMIA, diagnosis/ THROMBOPENIA, blood

1614. **Das SK, Sinha NK:** Goat trypsin: purification, properties and amino acid composition. Indian J Biochem Biophys 9:287-92, Dec 72
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, DISK/ *GOATS/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MOLECULAR WEIGHT/ PANCREAS, enzymology/ *TRYPSIN/ TRYPSIN, analysis/ TRYPSIN, isolation & purification/ ULTRACENTRIFUGATION

1615. **Das Gupta BR, Sugiyama H:** Role of a protease in natural activation of Clostridium botulinum neurotoxin. Infect Immun 6:587-90, Oct 72
ANIMAL EXPERIMENTS/ *BOTULINUM TOXIN, biosynthesis/ BOTULINUM TOXIN, toxicity/ *CLOSTRIDIUM BOTULINUM, drug effects/ CLOSTRIDIUM BOTULINUM, enzymology/ LETHAL DOSE 50/ MICE/ PEPTIDE HYDROLASES, analysis/ *PEPTIDE HYDROLASES, pharmacodynamics/ TRYPSIN

1616. **Dashtaiants GA, Andrushchenko EV, Krasovskaia EA:** Sostainie sistemy svertyvaniia krovi pri pevmatizme, khronicheskom tonzillit i tonzillo-kardial'nom sindrome.
Vrach Delo 11:5-7, Nov 72 (Rus)
*BLOOD COAGULATION/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HUMAN/ *RHEUMATIC FEVER, blood/ *RHEUMATIC HEART DISEASE, blood/ *TONSILLITIS, blood

1617. **Dashtaiants GA, Andrushchenko EV:** Ateroskleroz kak osnovnoi faktor narusheniia svertyvaemosti krovi u bol'nykh gipertonicheskoi bolezn'iu.
Vrach Delo 1:14-6, Jan 73 (Rus)
ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, complications/ *BLOOD COAGULATION DISORDERS, etiology/ *CORONARY DISEASE, blood/ CORONARY DISEASE, complications/ ENGLISH ABSTRACT/ HUMAN/ *HYPERTENSION, blood/ HYPERTENSION, complications

1618. **Datey KK, Dalvi CP, Mehta NJ, et al:** Ethyl linoleate, atherosclerosis and longevity.
Indian Heart J 23:141-4, Apr 71
ANIMAL EXPERIMENTS/ ARTERIOSCLEROSIS, mortality/ *ARTERIOSCLEROSIS, prevention & control/ DIET, ATHEROGENIC/ *LINOLEIC ACID, therapeutic use/ RABBITS

1619. **Datta DV, Saha S, Singh SA, et al:** Clinical spectrum of Budd-Chiari syndrome in Chandigrah with particular reference to obstruction of intrahepatic portion of inferior vena cava. Indian J Med Res 60:385-402, Mar 72
ADOLESCENCE/ ADULT/ *ASCITES, classification/ BLOOD COAGULATION TESTS/ BLOOD PRESSURE/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HEMATEMESIS/ HEPATIC VEIN THROMBOSIS, blood/ *HEPATIC VEIN THROMBOSIS, classification/ HEPATIC VEIN THROMBOSIS, diagnosis/ HEPATIC VEIN THROMBOSIS, mortality/ HEPATIC VEIN THROMBOSIS, radiography/ *HEPATOMEGALY, classification/ HUMAN/ LIVER, pathology/ *LIVER CIRRHOSIS, classification/ LYMPH, secretion/ MALE/ MIDDLE AGE/ PREGNANCY/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ SYNDROME/ VASCULAR DISEASES, classification/ *VENA CAVA, INFERIOR

1620. **Dattachaudhuri M, Chatterjea JB:** Qualitative disorders of platelets--a report of two families. Bull Calcutta Sch Trop Med 20:20-2, Apr 72
BLOOD PLATELET DISORDERS, drug therapy/ *BLOOD PLATELET DISORDERS, familial & genetic/ FEMALE/ HUMAN/ MALE/ STEROIDS, therapeutic use

1621. **Dautigny A, Bernier I, Colombani J, et al:** Purification and characterization of HL-A antigens from human platelets, solubilized by the non-ionic detergent NP-40. Biochim Biophys Acta 298:783-9, 16 Apr 73
BLOOD PLATELETS, cytology/ *BLOOD PLATELETS, immunology/ CELL MEMBRANE, immunology/ COMPLEMENT FIXATION TESTS/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ DETERGENTS/ DIALYSIS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ *HISTOCOMPATIBILITY ANTIGENS, isolation & purification/ HUMAN/ HYDROGEN-ION CONCENTRATION/ ISOELECTRIC FOCUSING/ LYMPHOCYTES/ MOLECULAR WEIGHT/ SOLUBILITY/ SPECTROPHOTOMETRY, ULTRAVIOLET

1622. **Dautigny A, Colombani J:** Séparation d'antigènes d'histocompatibilit humaine (HL-A) de spécificités différentes par immuno-précipitation indirecte. C R Acad Sci [D] (Paris) 276:1641-4, 5 Mar 73 (Fre)
ANTIGEN-ANTIBODY REACTIONS/ ANTIGENIC DETERMINANTS/ BLOOD PLATELETS, immunology/ CELL MEMBRANE, immunology/ *HISTOCOMPATIBILITY ANTIGENS, isolation & purification/ HUMAN/ PRECIPITATION

1623. **Daves ML:** Cardiovascular anachronisms. Phrases and

concepts that should disappear but haven't. JAMA 224:879-83, 7 May 73
AORTIC DISEASES, radiography/ AORTOGRAPHY/ *CARDIOVASCULAR DISEASES, radiography/ HEART ANEURYSM, radiography/ HEART DISEASES, radiography/ HEART ENLARGEMENT, radiography/ HEMATOMA, radiography/ HUMAN/ *NOMENCLATURE/ PERICARDIAL EFFUSION, radiography/ PULMONARY EDEMA, radiography/ RUPTURE, SPONTANEOUS/ THORACIC RADIOGRAPHY/ TRACHEA, radiography

1624. **Davey FR:** Laboratory approach to platelet disorders. Postgrad Med 54:109-12 passim, Aug 73
ADENOSINE DIPHOSPHATE, blood/ BLOOD CELL COUNT/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ *BLOOD PLATELET DISORDERS, diagnosis/ BLOOD PLATELETS/ BLOOD PLATELETS, drug effects/ CLOT RETRACTION/ HUMAN/ LIPOPROTEINS, blood/ PLATELET ADHESIVENESS/ THROMBOPENIA, diagnosis/ VON WILLEBRAND'S DISEASE, diagnosis

1625. **Davey FR, Carrington CE, Nelson DA:** Comparison of rapid clottable fibrinogen assays. Clin Chem 18:1360-3, Nov 72
BLOOD COAGULATION/ COMPARATIVE STUDY/ DENSITOMETRY/ *FIBRINOGEN, analysis/ HUMAN/ HYDROLYSIS/ MATHEMATICS/ METHODS/ SODIUM HYDROXIDE/ THROMBIN/ TYROSINE, analysis

1626. **Davey FR, Fiske L, Maltby A:** Evaluation of a photoelectric automatic prothrombin analyzer. Am J Clin Pathol 58:687-92, Dec 72
AUTOANALYSIS, instrumentation/ HUMAN/ PHOTOCHEMISTRY, instrumentation/ *PROTHROMBIN TIME/ THROMBOPLASTIN, diagnostic use

1627. **Davey FR, Skarin AT, Moloney WC:** Pathology of splenic lymphoma. Am J Clin Pathol 59:95-103, Jan 73
HUMAN/ *LYMPHOMA, pathology/ *LYMPHOSARCOMA, pathology/ MICROSCOPY, ELECTRON/ ORGAN WEIGHT/ PURPURA, THROMBOPENIC, pathology/ *SPLEEN, pathology/ SPLENECTOMY/ *SPLENIC NEOPLASMS, pathology

1628. **David C, Enachescu G:** Humorale komplexe Untersuchungen in der Phasendiagnose der Atherosklerose und zur Bewertung der antiatherogenen Behandlungswirkungen. Z Alternsforsch 26:89-96 passim, 1972 (Ger)
ADULT/ AGED/ ARTERIOSCLEROSIS, classification/ *ARTERIOSCLEROSIS, diagnosis/ CHOLESTEROL, blood/ FEMALE/ HEPARIN, blood/ HUMAN/ MALE/ MIDDLE AGE/ SERODIAGNOSIS/ THROMBELASTOGRAPHY

1629. **David JL, Herion F:** Method for the measurement of 14 C-5 HT uptake and release by platelets. Adv Exp Med Biol 34:335-9, 1972
ADENOSINE TRIPHOSPHATE, metabolism/ BLOOD PLATELET DISORDERS, diagnosis/ *BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ COLLAGEN, pharmacodynamics/ HUMAN/ PLATELET ADHESIVENESS/ SERODIAGNOSIS/ SEROTONIN, blood/ *SEROTONIN, metabolism

1630. **David JL, Herion F:** Assay of platelet ATP and ADP by the luciferase method: some theoretical and practical aspects. Adv Exp Med Biol 34:341-54, 1972
*ADENOSINE DIPHOSPHATE, blood/ ADENOSINE DIPHOSPHATE, metabolism/ *ADENOSINE TRIPHOSPHATE, blood/ ADENOSINE TRIPHOSPHATE, metabolism/ BLOOD CELL COUNT/ *BLOOD PLATELETS, analysis/ BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ EDTA, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ HUMAN/ LIGHT/ *LUCIFERASE/ PLATELET ADHESIVENESS/ PYRUVATE KINASE/ SEROTONIN, metabolism/ SURFACE-ACTIVE AGENTS

1631. **Davids N, Cheng RC:** Transient laminar flow in ducts of arbitrary cross-section by finite element methods. J Biomech 5:485-99, Sep 72
*ARTERIES, anatomy & histology/ ARTERIES, physiology/ BIOMECHANICS/ *BLOOD FLOW VELOCITY/ BLOOD PRESSURE/ BLOOD VISCOSITY/ COMPUTERS, DIGITAL/ HUMAN/ MODELS, BIOLOGICAL

1632. **Davidson EC Jr, Phillips LL:** Coagulation studies in the hypertensive toxemias of pregnancy. Am J Obstet Gynecol 113:905-10, 1 Aug 72
ADULT/ AGE FACTORS/ BLOOD CELL COUNT/ *BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FACTOR V, analysis/ FEMALE/ FIBRINOGEN, analysis/ FIBRINOLYSIN, antagonists & inhibitors/ GESTATIONAL AGE/ HUMAN/ *HYPERTENSION, complications/ PARITY/ PLASMINOGEN, analysis/ PREGNANCY/ *PREGNANCY TOXEMIAS, blood/ PREGNANCY TOXEMIAS, complications/ PROTHROMBIN TIME/ THROMBIN, analysis/ THROMBOPLASTIN, analysis

1633. **Davidson JF, McDonald GA, McNicol GP:** Fibrinolytic enhancement by stanozolol: a double-blind trial. J Clin Pathol 25:639, Jul 72
CLINICAL RESEARCH/ *CORONARY DISEASE, drug therapy/ *FIBRINOLYSIS, drug effects/ HUMAN/ PHENFORMIN, therapeutic use/ PLACEBOS/ *STANOZOLOL, therapeutic use

1634. **Davies AM:** Streptokinase therapy for deep vein thrombosis. Nurs Times 69:211-2, 15 Feb 73
FEMALE/ HUMAN/ MIDDLE AGE/ *STREPTOKINASE, therapeutic use/ *THROMBOPHLEBITIS, drug therapy

1635. **Davies D, Goishetti VG:** Long-term results in patients with pulmonary emboli. Practitioner 211:65-70, Jul 73
ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, etiology/ TIME FACTORS

1636. **Davies D, Hopkins JS:** Patterns in traumatic rupture of the bronchus. Injury 4:261-4, Feb 73
ADULT/ *BRONCHI, injuries/ BRONCHOSCOPY/ CHILD, PRESCHOOL/ FEMALE/ HEMATOMA, etiology/ HUMAN/ MALE/ MEDIASTINUM, radiography/ PNEUMOTHORAX, etiology/ RESPIRATORY INSUFFICIENCY, etiology/ RUPTURE, complications/ RUPTURE, diagnosis/ RUPTURE, etiology/ RUPTURE, radiography/ RUPTURE, surgery/ TIME FACTORS

1637. **Davies DV, Palfrey AJ:** The fine structure of normal and rheumatoid synovial membrane. Mod Trends Rheumatol 2:1-20, 1971
ARTHRITIS, RHEUMATOID, metabolism/ *ARTHRITIS, RHEUMATOID, pathology/ COLLAGEN, metabolism/ CONNECTIVE TISSUE, metabolism/ ENDOPLASMIC RETICULUM/ FIBRIN, metabolism/ GOLGI APPARATUS/ HUMAN/ MICROSCOPY, ELECTRON/ SYNOVIAL FLUID, analysis/ *SYNOVIAL MEMBRANE, pathology

1638. **Davies P, Allison AC, Haswell AD:** Selective release of lysosomal hydrolases from phagocytic cells by cytochalasin B. Biochem J 134:33-41, May 73
ANIMAL EXPERIMENTS/ CYTOCHALASIN B, pharmacodynamics/ *GALACTOSIDASE, secretion/ GLUCOSAMINIDASE, secretion/ *GLUCURONIDASE, secretion/ GOLD COLLOID, RADIOACTIVE, metabolism/ *INDOLES, pharmacodynamics/ LACTATE DEHYDROGENASE, secretion/ *LEUCINE AMINOPEPTIDASE, secretion/ LEUKOCYTES, cytology/ LEUKOCYTES, drug effects/ *LEUKOCYTES, enzymology/ LEUKOCYTES, secretion/ LYSOSOMES, enzymology/ MACROPHAGES, enzymology/ MACROPHAGES,

secretion/ MALATE DEHYDROGENASE, secretion/ MICE/ *MONILIALES/ *PEPTIDE HYDROLASES, secretion/ RABBITS/ TIME FACTORS/ VITAMIN A, pharmacodynamics

1639. **Davies P, Fox RI, Polyzonis M, et al:** The inhibition of phagocytosis and facilitation of exocytosis in rabbit polymorphonuclear leukocytes by cytochalasin B. Lab Invest 28:16-22, Jan 73
AZIDES, pharmacodynamics/ COLD/ CYTOCHALASIN B, pharmacodynamics/ CYTOPLASM/ ENZYME INDUCTION/ ESCHERICHIA COLI/ EXOCYTOSIS, drug effects/ GALACTOSIDASE, metabolism/ GLUCURONIDASE, metabolism/ *INDOLES, pharmacodynamics/ LACTATE DEHYDROGENASE, metabolism/ LEUKOCYTES, cytology/ LEUKOCYTES, drug effects/ LEUKOCYTES, enzymology/ LEUKOCYTES, physiology/ *LEUKOCYTES, secretion/ LYSOSOMES, enzymology/ MICROSCOPY, ELECTRON/ MODELS, BIOLOGICAL/ MONILIALES/ PEPTIDE HYDROLASES, metabolism/ *PHAGOCYTOSIS, drug effects/ RABBITS/ TRITIUM/ URIDINE

1640. **Davilias N, Miliaressis A:** Hémorragies constatées sur cent prostatectomies selon la méthode de T. Millin. J Urol Nephrol (Paris) 78:821-4, Oct-Nov 72 (Fre)
AMINOCAPROIC ACID, administration & dosage/ BLOOD PRESSURE/ BLOOD TRANSFUSION/ ELECTROCOAGULATION/ ENGLISH ABSTRACT/ HEMORRHAGE, classification/ *HEMORRHAGE, etiology/ HEMORRHAGE, therapy/ HEMOSTASIS/ HUMAN/ MALE/ METHODS/ POSTOPERATIVE COMPLICATIONS/ *PROSTATECTOMY, adverse effects/ *PROSTATIC HYPERTROPHY, surgery

1641. **Davis CE, Grizzle JE, Bryan JA 2d:** Estimation of the probability of post transfusion hepatitis in hemophilia treatment. Biometrics 29:386-92, Jun 73
ANALYSIS OF VARIANCE/ BLOOD BANKS/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION, adverse effects/ *FACTOR VII, adverse effects/ FACTOR VIII, therapeutic use/ HEMOPHILIA, occurrence/ *HEMOPHILIA, therapy/ *HEPATITIS, HOMOLOGOUS SERUM, etiology/ HEPATITIS, HOMOLOGOUS SERUM, occurrence/ HUMAN/ MATHEMATICS/ NORTH CAROLINA/ PROBABILITY

1642. **Davis DG, Inesi G:** Phosphorus and proton nuclear magnetic resonance studies in sarcoplasmic reticulum membranes and lipids. A comparison of phosphate and proton group mobilities in membranes and lipid bilayers. Biochim Biophys Acta 282:180-6, 1 Sep 72
ANIMAL EXPERIMENTS/ EDTA/ EGG YOLK/ FREEZING/ GUANIDINES/ LECITHINS/ *LIPIDS/ MEMBRANES/ MEMBRANES, ARTIFICIAL/ MOLECULAR CONFORMATION/ MUSCLE PROTEINS/ NUCLEAR MAGNETIC RESONANCE/ PHOSPHOLIPIDS/ PHOSPHORIC ACIDS/ *PHOSPHORUS/ PHOSPHORUS ISOTOPES/ PROTEIN DENATURATION/ PROTONS/ RABBITS/ *SARCOPLASMIC RETICULUM/ TEMPERATURE/ TRYPSIN/ VIBRATION

1643. **Davis DL, Robertson DM:** Fluorescein angiography of metastatic choroidal tumors.
Arch Ophthalmol 89:97-9, Feb 73
ADULT/ BREAST NEOPLASMS/ CARCINOMA, radiography/ *CHOROID NEOPLASMS, radiography/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ FLUORESCENCE ANGIOGRAPHY/ HEMANGIOMA, radiography/ HUMAN/ LUNG NEOPLASMS/ MELANOMA, radiography/ MIDDLE AGE/ *NEOPLASM METASTASIS, radiography/ TIME FACTORS

1644. **Davis HL:** The role of ions and water in various physiological functions.
Ann NY Acad Sci 204:607-8, 30 Mar 73
BLOOD/ CELL MEMBRANE, metabolism/ FIBRINOGEN, metabolism/ *IONS, metabolism/ *WATER, metabolism

1645. **Davis JW:** Defective platelet disaggregation associate with occlusive arterial diseases.
Angiology 24:391-7, Jul-Aug 73
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADULT/ *ARTERIAL OCCLUSIVE DISEASES, blood/ *BLOOD PLATELETS/ CELL AGGREGATION, drug effects/ HUMAN/ LIGHT/ MALE/ METHODS/ MIDDLE AGE/ MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, familial & genetic

1646. **Davis JW, Yue KT, Phillips PE:** The effect o neuraminidase on platelet aggregation induced b ADP, norepinephrine, collagen or serotonin.
Thromb Diath Haemorrh 28:221-7, 31 Oct 72
*ADENOSINE DIPHOSPHATE, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ CELL AGGREGATION, drug effects/ *COLLAGEN, pharmacodynamics/ HUMAN/ MALE/ NEURAMINIC ACIDS, pharmacodynamics/ *NEURAMINIDASE, pharmacodynamics/ *NOREPINEPHRINE, pharmacodynamics/ *SEROTONIN, pharmacodynamics

1647. **Davis KD, Johnson MA:** Effect of incubation time an anticoagulant on the activated partial thromboplasti time. Am J Med Technol 39:136-9, Apr 73
*ANTICOAGULANTS, pharmacodynamics/ *BLOOD COAGULATION TESTS/ CITRATES/ FEMALE/ HUMAN/ MALE/ METHODS/ OXALATES/ PLASMA, analysis/ *THROMBOPLASTIN/ TIME FACTORS

1648. **Davis NC, McLeod R, Beardmore G, et al:** Pigmente skin tumors. CA 23:160-70, May-Jun 73
ANGIOMA, SCLEROSING, diagnosis/ CARCINOMA, BASAL CELL, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *MELANOMA, diagnosis/ *NEVUS, PIGMENTED, diagnosis/ PRECANCEROUS CONDITIONS, diagnosis/ *SKIN NEOPLASMS, diagnosis

1649. **Davis NC, West CD, Ho M:** Effect of aging of serum o quantitation of complement component C3.
Clin Chem 18:1485-7, Dec 72
ANTIGENIC DETERMINANTS/ AUTOANALYSIS/ BLOOD PRESERVATION/ *COMPLEMENT, analysis/ DRUG STABILITY/ EDTA/ EVALUATION STUDIES/ GEL DIFFUSION TESTS/ GLASS/ HUMAN/ IMMUNE SERUMS, standards/ IMMUNOELECTROPHORESIS/ METHODS/ NEPHRITIS, blood/ NEPHRITIS, diagnosis/ PHAGOCYTOSIS/ PLASTICS/ *SERUM GLOBULINS, analysis/ TEMPERATURE/ TIME FACTORS

1650. **Davis P, Atkins B, Josse RG, et al:** Criteria fo classification of S.L.E. Br Med J 3:88-9, 14 Jul 7
ADOLESCENCE/ ADULT/ ALOPECIA, complications/ ANEMIA, HEMOLYTIC, complications/ ANTIBODIES/ ARTHRITIS, complications/ CONVULSIONS, complications/ DNA/ ERYTHEMA, complications/ FACIAL DERMATOSES, complications/ FALSE POSITIVE REACTIONS/ FEMALE/ HUMAN/ LEUKOPENIA, complications/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, classification/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ PERICARDITIS, complications/ PHOTOSENSITIZATION, complications/ PROTEINURIA, complications/ PSYCHOSES, complications/ RAYNAUD'S DISEASE, complications/ STOMATITIS, complications/ SYPHILIS SERODIAGNOSIS/ THROMBOPENIA, complications

1651. **Davis RB:** Glycogen distribution in rat blood platelet
Am J Pathol 72:241-52, Aug 73
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, analysis/ BLOOD PLATELETS, drug effects/ COLLAGEN, pharmacodynamics/ CYTOPLASM/ GLYCOGEN, blood/ GOLGI APPARATUS/ MALE/ PARTICLE SIZE/

PHOTOMICROGRAPHY/ RATS/ THROMBIN, pharmacodynamics/ TIME FACTORS

1652. **Davis WM, Ross AO:** Thrombocytosis and thrombocythemia: the laboratory and clinical significance of an elevated platelet count. Am J Clin Pathol 59:243-7, Feb 73
ADULT/ ANEMIA, HYPOCHROMIC, complications/ ARTHRITIS, RHEUMATOID, complications/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CHILD, PRESCHOOL/ COLLAGEN DISEASES, complications/ FEMALE/ HEMORRHAGIC THROMBOCYTHEMIA, blood/ *HEMORRHAGIC THROMBOCYTHEMIA, etiology/ HUMAN/ INFANT/ INFANT, NEWBORN/ LEUKEMIA, MYELOCYTIC, complications/ MALE/ MIDDLE AGE/ NEOPLASMS, complications/ POLYCYTHEMIA VERA, complications/ SPLENECTOMY, adverse effects/ THROMBOCYTOSIS, blood/ *THROMBOCYTOSIS, etiology

1653. **Davis Z, Berliner WP, Weiland LH, et al:** Primary pulmonary hemangiopericytoma. Report of a case. J Thorac Cardiovasc Surg 64:822-5, Nov 72
FEMALE/ *HEMANGIOPERICYTOMA/ HEMANGIOPERICYTOMA, pathology/ HEMANGIOPERICYTOMA, surgery/ HUMAN/ LUNG, pathology/ *LUNG NEOPLASMS/ LUNG NEOPLASMS, pathology/ LUNG NEOPLASMS, surgery/ MIDDLE AGE

1654. **Davison AM, Thomson D, MacDonald MK, et al:** The role of the mesangial cell in proliferative glomerulonephritis. J Clin Pathol 26:198-208, Mar 73
ADOLESCENCE/ ADULT/ AGED/ CAPILLARIES/ CHILD/ CHILD, PRESCHOOL/ COMPLEMENT/ EPITHELIUM/ FEMALE/ FIBRIN/ FIBRINOGEN/ FLUORESCENT ANTIBODY TECHNIC/ GLOMERULONEPHRITIS, immunology/ *GLOMERULONEPHRITIS, pathology/ GLOMERULONEPHRITIS, physiopathology/ GLOMERULONEPHRITIS, therapy/ HUMAN/ IMMUNOGLOBULINS/ KIDNEY FUNCTION TESTS/ KIDNEY GLOMERULUS, immunology/ *KIDNEY GLOMERULUS, pathology/ KIDNEY GLOMERULUS, physiopathology/ MALE/ MICROSCOPY, ELECTRON/ MIDDLE AGE

1655. **Davison AM, Thomson D, Robson JS:** Intravascular coagulation complicating influenza A virus infection. Br Med J 1:654-5, 17 Mar 73
ADOLESCENCE/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ HEMOPTYSIS, etiology/ HUMAN/ *INFLUENZA, complications/ KIDNEY FAILURE, ACUTE, etiology/ MALE

1656. **Davison AM, Thomson D, Macdonald MK, et al:** Identification of intrarenal fibrin deposition. J Clin Pathol 26:102-12, Feb 73
ADULT/ BASEMENT MEMBRANE, metabolism/ BIOPSY/ CHILD/ COMPLEMENT/ CYTOPLASM, metabolism/ ENDOTHELIUM/ ERYTHROCYTES, immunology/ *FIBRIN, metabolism/ FIBRIN, urine/ FIBRINOGEN, urine/ FLUORESCENT ANTIBODY TECHNIC/ HEMAGGLUTINATION INHIBITION TESTS/ HISTOCYTOCHEMISTRY/ HUMAN/ IMMUNOASSAY/ IMMUNOGLOBULINS/ *KIDNEY, metabolism/ KIDNEY, pathology/ KIDNEY DISEASES, metabolism/ KIDNEY DISEASES, urine/ KIDNEY GLOMERULUS, metabolism/ MICROSCOPY, ELECTRON

1657. **Davison AM, Thomson D, MacDonald MK:** Intrarenal fibrin deposition and its relation to prognosis in proliferative glomerulonephritis. J Pathol 109:pxii, Jan 73
BIOPSY/ *FIBRIN, analysis/ FLUORESCENT ANTIBODY TECHNIC/ *GLOMERULONEPHRITIS, pathology/ GLOMERULONEPHRITIS, physiopathology/ HISTOCYTOCHEMISTRY/ HUMAN/ KIDNEY, analysis/ *KIDNEY, pathology/ KIDNEY FUNCTION TESTS/ MICROSCOPY, ELECTRON/ PROGNOSIS

1658. **Davydov IuA:** Klinika i diagnostika ostroĭ neprokhodimosti bryzheechnukh arteriĭ. Vestn Khir 108:58-63, Oct 72 (Rus)
ABDOMEN, ACUTE/ ACUTE DISEASE/ AMYLASE, urine/ BLOOD COAGULATION TESTS/ DIAGNOSIS, DIFFERENTIAL/ DIARRHEA/ ENGLISH ABSTRACT/ HUMAN/ INTESTINAL DISEASES, etiology/ MESENTERIC ARTERIES/ MESENTERIC VASCULAR OCCLUSION, complications/ *MESENTERIC VASCULAR OCCLUSION, diagnosis/ MESENTERIC VASCULAR OCCLUSION, etiology/ NECROSIS/ PAIN/ PANCREATITIS, urine/ PARALYTIC ILEUS, etiology/ PROGNOSIS/ THROMBOEMBOLISM, complications/ THROMBOSIS, complications/ TIME FACTORS/ VOMITING

1659. **Daw E:** Poststerilization mittelschmerz. Br Med J 3:701, 16 Sep 72
ADHESIONS/ ADULT/ CASE REPORT/ DYSMENORRHEA, etiology/ FEMALE/ HUMAN/ OVARIAN DISEASES, etiology/ *STERILIZATION, TUBAL, adverse effects

1660. **Dawborn JK, Castaldi PA, Kilgour A, et al:** The prolonged use of trimethoprim-sulphonamide in urinary infection. Med J Aust 1:Suppl:52-7, 30 Jun 73
ADOLESCENCE/ ADULT/ AGED/ *ANTI-INFECTIVE AGENTS, administration & dosage/ BLOOD CELL COUNT/ BLOOD PLATELETS/ DRUG COMBINATIONS/ EOSINOPHILIA, chemically induced/ FEMALE/ *FOLIC ACID ANTAGONISTS, administration & dosage/ HUMAN/ IRON, blood/ IRON, metabolism/ MALE/ MIDDLE AGE/ NEUTROPHILS/ *PYRIMIDINES, administration & dosage/ RECURRENCE/ RETICULOCYTES/ *SULFAMETHOXAZOLE, administration & dosage/ SULFAMETHOXAZOLE, adverse effects/ SULFAMETHOXAZOLE, therapeutic use/ TRIMETHOPRIM, administration & dosage/ TRIMETHOPRIM, adverse effects/ TRIMETHOPRIM, therapeutic use/ URINARY TRACT INFECTIONS, blood/ *URINARY TRACT INFECTIONS, drug therapy/ URINARY TRACT INFECTIONS, metabolism

1661. **Dawids SG, Boe C, Andreasen MM:** A new hemodialysis console. II. Descriptions of components. Acta Med Scand 193:379-85, May 73
BLOOD/ BLOOD FLOW VELOCITY/ BLOOD PRESSURE/ DISPOSABLE EQUIPMENT/ EMBOLISM, AIR, prevention & control/ HEMODIALYSIS/ HEMOLYSIS/ HEPARIN, administration & dosage/ *KIDNEY, ARTIFICIAL, instrumentation/ MAINTENANCE/ MANOMETRY, instrumentation/ METHODS/ PRESSURE/ PROTECTIVE DEVICES/ QUALITY CONTROL/ TEMPERATURE/ TRANSDUCERS

1662. **Dawson RB, Kocholaty WF:** Hemoglobin function during blood storage. XV. Effects of metabolic additives inosine and methylene blue on p50 and 2,3-DPG. Adv Exp Med Biol 28:495-509, 1972
ADENINE, metabolism/ BIOLOGICAL TRANSPORT/ *BLOOD PRESERVATION/ BLOOD TRANSFUSION/ *ERYTHROCYTES, drug effects/ GLYCEROPHOSPHATES, metabolism/ *HEMOGLOBIN/ HUMAN/ *INOSINE, pharmacodynamics/ *METHYLENE BLUE, pharmacodynamics

1663. **Dawson RL:** Complications of the cross-leg flap operation. Proc R Soc Med 65:626-9, Jul 72
ADULT/ ANKLE, injuries/ CHILD, PRESCHOOL/ FEMALE/ FIBULA, injuries/ FRACTURE FIXATION/ HEMATOMA, complications/ HUMAN/ *LEG, surgery/ MALE/ MIDDLE AGE/ NECROSIS, etiology/ PERIPHERAL NERVES, injuries/ PRESSURE/ SKIN, blood supply/ *SKIN, transplantation/ *SURGERY, PLASTIC/ SURGICAL WOUND INFECTION/ TIBIAL FRACTURES, surgery/ TIBIAL NERVE, injuries/ *TRANSPLANTATION, AUTOLOGOUS

1664. **Day HJ, Holmsen H:** Laboratory tests of platelet

function. Ann Clin Lab Sci 2:63-74, Jan-Feb 72
BLOOD COAGULATION FACTORS, physiology/ *BLOOD COAGULATION TESTS/ BLOOD PLATELET DISORDERS, physiopathology/ BLOOD PLATELETS, analysis/ *BLOOD PLATELETS, physiology/ CAPILLARIES/ CLOT RETRACTION/ HUMAN/ PLATELET ADHESIVENESS/ SEROTONIN, blood/ SEROTONIN, physiology/ VASCULAR RESISTANCE

1665. **Day HJ, Solum NO:** Fibrinogen associated with subcellular platelet particles.
Scand J Haematol 10:136-43, 1973
ACID PHOSPHATASE, blood/ *BLOOD PLATELETS, analysis/ BLOOD PLATELETS, enzymology/ BLOOD PROTEINS, analysis/ CELL FRACTIONATION/ CELL MEMBRANE, analysis/ CELL MEMBRANE, enzymology/ CENTRIFUGATION, DENSITY GRADIENT/ CYTOPLASMIC GRANULES, analysis/ CYTOPLASMIC GRANULES, enzymology/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRINOGEN, analysis/ GLUCURONIDASE, blood/ HUMAN/ LACTATE DEHYDROGENASE, blood/ LATEX FIXATION TESTS/ MICROSCOPY, ELECTRON/ SUBCELLULAR FRACTIONS, analysis/ SUBCELLULAR FRACTIONS, enzymology/ SUCROSE

1666. **Daynes RA, Armstrong CH:** An antiphagocytic factor associated with group E streptococcus.
Infect Immun 7:298-304, Feb 73
BACTERIOLOGICAL TECHNICS/ CULTURE MEDIA/ IMMUNE SERUMS/ IMMUNITY/ LYMPHADENITIS, immunology/ MICROSCOPY, ELECTRON/ *PHAGOCYTOSIS/ *STREPTOCOCCUS, immunology/ SWINE/ SWINE DISEASES, immunology/ TRYPSIN, pharmacodynamics

1667. **Deák G, Karlinger K:** Submicroscopic structure of the corpora amylacea of the central nervous system.
Acta Morphol Acad Sci Hung 20:77-84, 1972
ACETYLATION/ AGED/ AMINOSALICYLIC ACID, pharmacodynamics/ BIREFRINGENCE/ *BRAIN, pathology/ HISTOCYTOCHEMISTRY/ HUMAN/ HYDROLYSIS/ NERVE TISSUE PROTEINS/ *NEURONS, cytology/ NEURONS, drug effects/ PERIODIC ACIDS, pharmacodynamics/ *POLYSACCHARIDES/ *SPINAL CORD, pathology/ STAINS AND STAINING/ SULFITES, pharmacodynamics/ TRYPSIN

1668. **Dean BA, Williams RE, Hall F, et al:** Phage typing of coagulase-negative staphylococci and micrococci.
J Hyg (Camb) 71:261-70, Jun 73
BACTERIOLYSIS/ *BACTERIOPHAGE TYPING/ COAGULASE/ HUMAN/ *MICROCOCCUS, classification/ MICROCOCCUS, isolation & purification/ NOSE, microbiology/ SKIN, microbiology/ *STAPHYLOCOCCUS, classification/ STAPHYLOCOCCUS, isolation & purification

1669. **DeAngelis J:** Hazards of subdural and epidural anesthesia during anticoagulant therapy: a case report and review.
Anesth Analg (Cleve) 51:676-9, Sep-Oct 72
ADULT/ AGED/ *ANESTHESIA, EPIDURAL, adverse effects/ *ANESTHESIA, SPINAL, adverse effects/ *ANTICOAGULANTS, therapeutic use/ FEMALE/ HEMATOMA, EPIDURAL, etiology/ HEPARIN, therapeutic use/ HUMAN/ MALE/ PARALYSIS, etiology/ PROTHROMBIN TIME/ SPINAL CORD INJURIES, etiology/ SPINAL PUNCTURE, adverse effects/ WARFARIN, therapeutic use

1670. **Debanne MT, Dolovich J:** Reduction by serum proteinase inhibitors of B. subtilis proteinase-induced hypersensitivity reactions.
Int Arch Allergy Appl Immunol 44:854-61, 1973
ANIMAL EXPERIMENTS/ *BACILLUS SUBTILIS, enzymology/ GEL DIFFUSION TESTS/ *HYPERSENSITIVITY, immunology/ IMMUNE SERUMS/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, pharmacodynamics/ RABBITS/ SKIN TESTS

1671. **DeBenneville PL, Godfrey WJ, Sims HJ:** New substrates for a pancreatic exocrine function test.
J Med Chem 15:1098-100, Nov 72
AMINOBENZOIC ACID, administration & dosage/ *AMINOBENZOIC ACID, chem synthesis/ AMINOBENZOIC ACID, urine/ ANIMAL EXPERIMENTS/ CATTLE/ CHYMOTRYPSIN/ HALF-LIFE/ HYDROLYSIS/ OPTICAL ROTATION/ PANCREAS, enzymology/ *PANCREAS, physiology/ PEPTIDES, administration & dosage/ *PEPTIDES, chem synthesis/ PEPTIDES, urine/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP

1672. **Debray C, Leymarios J, Najman A, et al:** Les manifestations intestinales et hépatiques de l'hémoglobinurie nocturne paroxystique. Revue de la littérature à propos d'un cas.
Arch Fr Mal App Dig 62:125-32, Mar 73 (Fre)
ADULT/ ANTICOAGULANTS, therapeutic use/ ENGLISH ABSTRACT/ *HEMOGLOBINURIA, PAROXYSMAL, complications/ HEMOGLOBINURIA, PAROXYSMAL, drug therapy/ HUMAN/ *INTESTINAL DISEASES, etiology/ JEJUNUM, radiography/ *LIVER DISEASES, etiology/ MALE

1673. **Debray J, Audebert A, Krulik M, et al:** Les grandes mastocytoses (à propos d'une observation personnelle.
Sem Hop Paris 48:3155-64, 26 Nov 72 (Fre)
AGE FACTORS/ AGED/ CASE REPORT/ ENGLISH ABSTRACT/ EOSINOPHILS/ FEMALE/ HEPATOMEGALY, etiology/ HISTAMINE LIBERATION/ HUMAN/ LEUKOCYTOSIS, etiology/ MAST CELLS/ MUCOPOLYSACCHARIDES, urine/ PROGNOSIS/ SPLENOMEGALY, etiology/ THROMBOPENIA, etiology/ *URTICARIA PIGMENTOSA/ URTICARIA PIGMENTOSA, pathology/ URTICARIA PIGMENTOSA, therapy

1674. **DeChatelet LR, McCall CE, Cooper MR, et al:** Inhibition of leukocyte acid phosphatase by heparin.
Clin Chem 18:1532-4, Dec 72
*ACID PHOSPHATASE, antagonists & inhibitors/ ACID PHOSPHATASE, blood/ ALKALINE PHOSPHATASE, antagonists & inhibitors/ DOSE-RESPONSE RELATIONSHIP, DRUG/ EVALUATION STUDIES/ GLUCURONIDASE, antagonists & inhibitors/ *HEPARIN, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *LEUKOCYTES, enzymology/ METHODS/ MURAMIDASE, antagonists & inhibitors/ SPECTROPHOTOMETRY

1675. **Dechavanne M, Bryon PA, Thouvenez JP, et al:** L'hémostase primaire.
Lyon Med 19:Suppl:100-2, Apr 72 (Fre)
*BLOOD COAGULATION/ BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION TESTS/ HUMAN

1676. **Dechavanne M, Viala JJ, Arnaud P, et al:** Activité fibrinolytique des plaquettes.
Nouv Presse Med 2:653, 10 Mar 73 (Fre)
*BLOOD PLATELETS, physiology/ FIBRINOLYSIN, antagonists & inhibitors/ *FIBRINOLYSIS/ FILTRATION/ GEL FILTRATION/ HUMAN/ IODINE ISOTOPES/ METHODS

1677. **Deckert FW:** Ascorbic acid and warfarin.
JAMA 223:440, 22 Jan 73
ANIMAL EXPERIMENTS/ *ASCORBIC ACID, administration & dosage/ ASCORBIC ACID DEFICIENCY, drug therapy/ DRUG INTERACTIONS/ GUINEA PIGS/ WARFARIN, administration & dosage

1678. **Deckert FW, Remmer HK:** In vitro inhibition of rat and human liver microsomal enzymes by 4-hydroxycoumarin anticoagulants and related compounds. Chem Biol Interact 5:255-63, Sep 72
AMINOPYRINE, pharmacodynamics/ ANILINE

COMPOUNDS, metabolism/ ANIMAL EXPERIMENTS/ *ANTICOAGULANTS, pharmacodynamics/ BINDING SITES/ *COUMARINS, pharmacodynamics/ HUMAN/ KINETICS/ METHYLATION/ *MICROSOMES, LIVER, enzymology/ MICROSOMES, LIVER, metabolism/ *OXIDOREDUCTASES, metabolism/ RATS/ SALICYLIC ACID, pharmacodynamics/ SPECIES SPECIFICITY/ SPECTRUM ANALYSIS/ WARFARIN, pharmacodynamics

1679. **De Clerck F: Effect of lidoflazine (R 7904) on human platelet function in vitro.**
Thromb Diath Haemorrh 28:228-36, 31 Oct 72
ACETAMIDES, pharmacodynamics/ ADENOSINE DIPHOSPHATE/ BLOOD PLATELETS, cytology/ *BLOOD PLATELETS, drug effects/ CARBON ISOTOPES/ CELL AGGREGATION, drug effects/ CINNAMATES, pharmacodynamics/ CLOT RETRACTION/ COLLAGEN/ DIPYRIDAMOLE, pharmacodynamics/ HUMAN/ MICROSCOPY, ELECTRON/ *PIPERAZINES, pharmacodynamics/ SEROTONIN/ THROMBIN/ VASODILATOR AGENTS, pharmacodynamics/ XYLENE, pharmacodynamics

1680. **De Clerck FF, Reneman RS: Effect of lidoflazine (R 7904) on uptake and release of serotonin by human platelets in vitro.**
Naunyn Schmiedebergs Arch Pharmacol 278:261-9, 1973
BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CALCIUM, pharmacodynamics/ CARBON ISOTOPES/ DIPYRIDAMOLE, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG SYNERGISM/ HUMAN/ IN VITRO/ LIDOFLAZINE, pharmacodynamics/ MALE/ PAPAVERINE, pharmacodynamics/ *PIPERAZINES, pharmacodynamics/ *SEROTONIN, blood/ TEMPERATURE/ TIME FACTORS/ *VASODILATOR AGENTS, pharmacodynamics

1681. **De Clercq E, Stewart WE 2d, De Somer P: Poly(rI) more important than poly(rC) in the interferon induction process by poly(rI)-poly(rC).**
Virology 54:278-82, Jul 73
BINDING SITES/ CELLS, CULTURED/ INTERFERON, analysis/ *INTERFERON, biosynthesis/ *INTERFERON INDUCERS/ KIDNEY/ LYSINE, pharmacodynamics/ PLAQUE ASSAY/ *POLY I-C, pharmacodynamics/ *POLYNUCLEOTIDES, pharmacodynamics/ RABBITS/ RIBONUCLEASE, pharmacodynamics/ STEREOISOMERS/ TRITIUM/ TRYPSIN/ VESICULAR STOMATITIS VIRUS, growth & development

1682. **Deconinck M, Depreter J, Paul C, et al: The chicken myoglobin (Gallus gallus). A 47 residue N-terminal sequence.** FEBS Lett 23:279-81, 15 Jun 72
ACIDS/ *AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ *CHICKENS/ CHROMATOGRAPHY/ CHROMATOGRAPHY, GAS/ CHYMOTRYPSIN/ DANSYL COMPOUNDS, analysis/ HYDROLYSIS/ *MYOGLOBIN/ PEPTIDE CHAIN TERMINATION/ PROTEIN CONFORMATION

1683. **DeConti RC, Kaplan SR, Papac RJ, et al: Continuous intravenous infusions of 5-fluoro-2'-deoxyuridine in the treatment of solid tumors.** Cancer 31:894-8, Apr 73
*BREAST NEOPLASMS, drug therapy/ DERMATITIS MEDICAMENTOSA/ DIARRHEA, chemically induced/ *FLUORODEOXYURIDINE, administration & dosage/ FLUORODEOXYURIDINE, adverse effects/ FLUORODEOXYURIDINE, therapeutic use/ GASTROINTESTINAL NEOPLASMS, drug therapy/ HEMANGIOPERICYTOMA, drug therapy/ HUMAN/ INFUSIONS, PARENTERAL/ LEUKOPENIA, chemically induced/ LIVER NEOPLASMS, drug therapy/ LUNG NEOPLASMS, drug therapy/ *NEOPLASMS, drug therapy/ STOMATITIS, chemically induced/ TIME FACTORS/ UROGENITAL NEOPLASMS, drug therapy

1684. **Dedo DD: A cannula for maintaining long-term thoracic duct fistulas.** Surgery 73:791-4, May 73
ANIMAL EXPERIMENTS/ *CATHETERIZATION, instrumentation/ DOGS/ *DRAINAGE, instrumentation/ HEPARIN/ *IMMUNOSUPPRESSION, instrumentation/ LYMPH/ LYMPHOCYTE DEPLETION, instrumentation/ METHODS/ SILICONES/ SODIUM CHLORIDE/ *THORACIC DUCT, surgery

1685. **De Gaetano G, Donati MB, Vermylen J, et al: Reni ed emostasi. II. Approccio terapeutico di alcune malattie renali immunologiche con farmaci che inibiscono l'aggregazione piastrinica.**
Clin Ter 63:425-35, 15 Dec 72 (Ita)
ADULT/ ANTIBODY FORMATION/ CHRONIC DISEASE/ CLINICAL RESEARCH/ GLOMERULONEPHRITIS, blood/ *GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, immunology/ *HEMOSTASIS/ HUMAN/ INDOMETHACIN, pharmacodynamics/ *INDOMETHACIN, therapeutic use/ *PLATELET ADHESIVENESS, drug effects

1686. **De Gaetano G, Vandenbussche A, Vermylen J: Etude de l'agrégation plaquettaire par le Thrombofax.**
Experientia 28:1127-8, 15 Sep 72 (Fre)
ENGLISH ABSTRACT/ HUMAN/ *INDICATORS AND REAGENTS/ METHODS/ *PLATELET ADHESIVENESS/ *THROMBOPLASTIN

1687. **De Gaetano G, Vermylen J, Verstraete M: Platelet factor 3--properties and clinical significance.**
Adv Exp Med Biol 34:159-72, 1972
BLOOD COAGULATION/ *BLOOD COAGULATION FACTORS/ BLOOD PLATELET DISORDERS, blood/ *BLOOD PLATELETS, physiology/ ENDOTOXINS, pharmacodynamics/ HUMAN/ LIPOPROTEINS, physiology/ *PHOSPHOLIPIDS, physiology/ SNAKES/ THROMBIN, pharmacodynamics/ VENOMS

1688. **De Gaetano G, Vermylen J, Verstraete M: Platelet factor 3--methods of study.**
Adv Exp Med Biol 34:281-94, 1972
AFIBRINOGENEMIA, diagnosis/ *BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ HUMAN/ KAOLIN/ METHODS/ *PHOSPHOLIPIDS, analysis

1689. **Degand P, Scharfman A, Nicollier M, et al: Etude de glycopeptides obtenus par protéolyse d'une glycoprotéine basique de la salive parotidienne humaine.**
C R Acad Sci [D] (Paris) 276:415-8, 15 Jan 73 (Fre)
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CARBOHYDRATES, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS/ GEL FILTRATION/ *GLYCOPEPTIDES, analysis/ *GLYCOPROTEINS, analysis/ GLYCOPROTEINS, isolation & purification/ HUMAN/ HYDROLYSIS/ PAPAIN/ *PAROTID GLAND, secretion/ PRONASE/ *SALIVA, analysis/ TRYPSIN

1690. **Degen IL: Pro deiaki mozhlyvosti mahnitoterapiï v pediatrychniï klinitsi.**
Pediatr Akush Ginekol 1:28-9, Jan-Feb 72 (Ukr)
ADOLESCENCE/ *BLOOD COAGULATION DISORDERS, therapy/ CHILD/ FEMALE/ HUMAN/ *JOINT DISEASES, therapy/ *MAGNETICS, therapeutic use/ MALE

1691. **Degenne S, Hollender FL: Prévention des complications thrombo-emboliques post-opératoires en chirurgie générale. Bilan de trois années.**
Anesth Analg (Paris) 29:286-8, Mar-Apr 72 (Fre)
*ANTICOAGULANTS, therapeutic use/ *DEXTRAN, therapeutic use/ HUMAN/ POSTOPERATIVE CARE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOEMBOLISM, prevention & control

1692. **De Giorgi E:** La terapia trombolitica nell'infarto acuto del miocardio.
Minerva Cardioangiol 20:663-6, Nov 72 (Ita)
ACUTE DISEASE/ *ANTICOAGULANTS, therapeutic use/ FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ *MYOCARDIAL INFARCT, drug therapy/ STREPTOKINASE, therapeutic use

1693. **Degnan TJ, Petzold V, Putterman A:** Small transfusion, severe reaction. Ann Intern Med 78:452-3, Mar 73
ADULT/ *BLOOD GROUP INCOMPATIBILITY/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ *HEMOLYSIS/ HEPARIN, therapeutic use/ HUMAN/ *KIDNEY FAILURE, ACUTE, etiology

1694. **Dehan M:** Diagnostic de la détresse respiratoire transitoire du nouveau-né.
Nouv Presse Med 2:1053-6, Apr 73 (Fre)
DIAGNOSIS, DIFFERENTIAL/ EMBOLISM, AMNIOTIC FLUID, diagnosis/ ENGLISH ABSTRACT/ HUMAN/ HYALINE MEMBRANE DISEASE, diagnosis/ INFANT, NEWBORN/ OXYGEN, analysis/ PARTIAL PRESSURE/ *PULMONARY ALVEOLI, secretion/ RESPIRATION/ *RESPIRATORY DISTRESS SYNDROME, diagnosis/ RESPIRATORY DISTRESS SYNDROME, radiography/ RESPIRATORY TRACT INFECTIONS, diagnosis/ THORACIC RADIOGRAPHY/ TIME FACTORS

1695. **DeHaven KE, Evarts CM, Wilde AH, et al:** Early results of Charnley-Müller total hip reconstruction.
Orthop Clin North Am 4:465-72, Apr 73
*ACETABULUM, surgery/ ADULT/ AGED/ ARTHRITIS, RHEUMATOID, surgery/ *ARTHROPLASTY/ FEMALE/ *FEMUR HEAD, surgery/ FEMUR HEAD NECROSIS, surgery/ FOLLOW-UP STUDIES/ HEART FAILURE, CONGESTIVE, etiology/ HEMATOMA, etiology/ HIP DISLOCATION, etiology/ HIP JOINT/ HUMAN/ JOINT PROSTHESIS/ MALE/ METHODS/ MIDDLE AGE/ NECROSIS, etiology/ OSSIFICATION, PATHOLOGIC, etiology/ OSTEOARTHRITIS, surgery/ PARALYSIS, etiology/ POSTOPERATIVE COMPLICATIONS/ PROSPECTIVE STUDIES/ SURGICAL WOUND INFECTION/ THROMBOEMBOLISM, etiology

1696. **Dehm P, Prockop DJ:** Biosynthesis of cartilage procollagen. Eur J Biochem 35:159-66, May 73
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *CARTILAGE, metabolism/ CELLS, CULTURED/ CHICK EMBRYO/ CLOSTRIDIOPEPTIDASE A/ COLLAGEN, analysis/ *COLLAGEN, biosynthesis/ CYSTINE, analysis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ HYDROXYPROLINE, metabolism/ PROTEIN CONFORMATION/ *PROTEIN PRECURSORS, biosynthesis/ STERNUM/ SULFUR ISOTOPES/ TRYPSIN/ TRYPTOPHAN, analysis

1697. **Dehner LP:** Advanced extrauterine pregnancy and the fetal death syndrome. Report of a case with clinicopathologic considerations.
Obstet Gynecol 40:525-34, Oct 72
ADULT/ FEMALE/ *FETAL DEATH, etiology/ FETAL DEATH, pathology/ FETAL DEATH, radiography/ FIBRINOGEN, analysis/ HUMAN/ HYSTERECTOMY/ PLACENTA, pathology/ PREGNANCY/ *PREGNANCY, ECTOPIC, complications/ PREGNANCY, ECTOPIC, pathology/ PREGNANCY, ECTOPIC, radiography

1698. **Dejode LR, Khurshid M, Walther WW:** The influence of electrical stimulation of the leg during surgical operations on the subsequent development of deep-vein thrombosis. Br J Surg 60:31-2, Jan 73
ADULT/ *ELECTRIC STIMULATION/ FEMALE/ FIBRINOGEN/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ LEG/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ RADIOISOTOPE SCANNING/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, prevention & control

1699. **De Koning J, Frederiks E, Kerkhoven P:** Purpura fulminans following varicella. Report of a case with recovery after heparin therapy.
Helv Paediatr Acta 27:177-85, Jun 72
BLOOD COAGULATION FACTORS, analysis/ *CHICKENPOX, complications/ CHILD, PRESCHOOL/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ HEMORRHAGE, drug therapy/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ NECROSIS/ PURPURA, blood/ *PURPURA, drug therapy/ PURPURA, etiology/ SKIN, blood supply/ SKIN DISEASES, drug therapy

1700. **De la Chapelle A, Schröder J, Vuopio P:** 8-Trisomy in the bone marrow. Report of two cases.
Clin Genet 3:470-6, 1972
ADULT/ AGRANULOCYTOSIS, complications/ *BONE MARROW, pathology/ *CHROMOSOMES, HUMAN, 6-12/ FEMALE/ HUMAN/ KARYOTYPING/ MALE/ QUINACRINE/ STAINS AND STAINING/ THROMBOPENIA, complications/ TRISOMY/ *TRISOMY

1701. **Delacrétaz-Dubugnon F:** Thrombélastographie et contraceptifs oraux.
Schweiz Med Wochenschr 102:48-52, 15 Jan 72 (Fre)
ADULT/ *BLOOD COAGULATION, drug effects/ BLOOD PLATELETS/ *CONTRACEPTIVES, ORAL, adverse effects/ ENGLISH ABSTRACT/ ETHINYL ESTRADIOL, adverse effects/ ETHYNODIOL DIACETATE, adverse effects/ FEMALE/ HUMAN/ LYNESTRENOL, adverse effects/ MESTRANOL, adverse effects/ NANDROLONE, adverse effects/ NORGESTREL, adverse effects/ PREGNANCY/ SAMPLING STUDIES/ *THROMBELASTOGRAPHY/ THROMBOSIS, chemically induced

1702. **Delacroix R, Laniez C:** La mortalité opératoire dans la résection oesophagienne pour cancer.
Acta Chir Belg 71:220-9, 1972 (Fre)
ANTICOAGULANTS, therapeutic use/ BELGIUM/ DIGESTION/ ENGLISH ABSTRACT/ ESOPHAGEAL NEOPLASMS, mortality/ *ESOPHAGEAL NEOPLASMS, surgery/ HUMAN/ POSTOPERATIVE CARE/ *POSTOPERATIVE COMPLICATIONS, mortality/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY CIRCULATION/ RESPIRATION/ VENTILATION-PERFUSION RATIO

1703. **De la Cruz A, Chandler JR:** Management of penetrating wounds of the neck.
Surg Gynecol Obstet 137:458-60, Sep 73
ADOLESCENCE/ ADULT/ AGED/ CAROTID ARTERIES, injuries/ CHILD/ DIAGNOSIS, SURGICAL/ EMPHYSEMA, etiology/ FACIAL PARALYSIS, surgery/ FEMALE/ FLORIDA/ HEMATOMA, etiology/ HEMORRHAGE, etiology/ HOSPITAL EMERGENCY SERVICE/ HUMAN/ MALE/ MIDDLE AGE/ *NECK, injuries/ RESPIRATORY INSUFFICIENCY, surgery/ SHOCK, TRAUMATIC, therapy/ SPINAL CORD COMPRESSION, etiology/ SPINAL CORD INJURIES, complications/ TRACHEOTOMY/ *WOUNDS AND INJURIES, surgery/ WOUNDS, GUNSHOT, mortality/ WOUNDS, GUNSHOT, surgery

1704. **DeLange RJ, Hooper JA, Smith EL:** Histone 3. 3 Sequence studies on the cyanogen bromide peptides complete amino acid sequence of calf thymus histone 3. J Biol Chem 248:3261-74, 10 May 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AUTOANALYSIS/ CATTLE/ CHYMOTRYPSIN/ *CYANOGEN BROMIDE/ GEL FILTRATION/ *HISTONES, analysis/ PEPTIDES, analysis/ PROTEIN HYDROLYSATES/ *THYMUS GLAND, analysis/ TRYPSIN

1705. **DeLange RJ, Smith EL:** Histone 3. I. Isolation and sequences of the tryptic peptides from the maleylated calf thymus protein.
J Biol Chem 248:3248-54, 10 May 73
*AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANHYDRIDES/ CATTLE/ CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ HISTONES, analysis/ *HISTONES, isolation & purification/ MALEATES/ PEPTIDES, analysis/ PROTEIN HYDROLYSATES/ *THYMUS GLAND, analysis/ TRYPSIN

1706. **Delarco JE, Liener IE:** The involvement of an arginine residue of trypsin in its interaction with the Kunitz soybean trypsin inhibitor.
Biochim Biophys Acta 303:274-83, 20 Apr 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ARGININE/ ARGININE, analysis/ AUTOANALYSIS/ BINDING, COMPETITIVE/ BINDING SITES/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ GLYOXAL/ MACROMOLECULAR SYSTEMS/ MODELS, STRUCTURAL/ PEPTIDES, analysis/ PHENOLS/ PLANTS/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *TRYPSIN/ TRYPSIN, analysis/ *TRYPSIN INHIBITORS

1707. **Del Arenal P, Pérez-Tamayo R:** The nature of collagen in the carrageenin granuloma.
Proc Soc Exp Biol Med 142:1031-5, Mar 73
ANIMAL EXPERIMENTS/ *CARRAGEENAN/ CLOSTRIDIOPEPTIDASE A, metabolism/ *COLLAGEN, analysis/ COLLAGEN, biosynthesis/ COLLAGEN, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ GRANULOMA, chemically induced/ *GRANULOMA, metabolism/ GUINEA PIGS/ MALE/ PROTEIN DENATURATION/ SKIN, analysis/ *SKIN DISEASES, metabolism/ SPECTROPHOTOMETRY/ TRYPSIN, metabolism/ ULTRACENTRIFUGATION

1708. **De la Santa López J, Velloso Jiménez A, Aguilar Reina J, et al:** Cirrósis hepática y absorción intestinal.
Rev Clin Esp 126:533-8, 30 Sep 72 (Spa)
ADOLESCENCE/ ADULT/ AGED/ ENGLISH ABSTRACT/ FECES, analysis/ FEMALE/ HUMAN/ *INTESTINAL ABSORPTION/ *LIPIDS, metabolism/ LIVER CIRRHOSIS, complications/ *LIVER CIRRHOSIS, metabolism/ MALE/ MIDDLE AGE/ *SPRUE, etiology/ *VITAMIN K, metabolism

1709. **Delaye J, Roques JC, Crassard P, et al:** Les tumeurs primitives du ventricule droit. A propos d'un cas d'hémangio-endothéliome bénin opéré avec succès.
Coeur Med Interne 11:597-605, Jul-Sep 72 (Fre)
ADULT/ ENGLISH ABSTRACT/ *HEART NEOPLASMS/ HEART NEOPLASMS, diagnosis/ HEART NEOPLASMS, surgery/ HEART VENTRICLE/ *HEMANGIOMA/ HEMANGIOMA, diagnosis/ HEMANGIOMA, surgery/ HUMAN/ MALE

1710. **Del Bosque Ruiz M:** El dipiridamol y los anticoagulantes en el manejo de la embarazada portadora de prótesis valvular cardíaca.
Ginecol Obstet Mex 33:191-8, Feb 73 (Spa)
*ANTICOAGULANTS, therapeutic use/ APGAR SCORE/ *DIPYRIDAMOLE, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ *HEART VALVE PROSTHESIS/ HUMAN/ INFANT, NEWBORN/ MALE/ PREGNANCY/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, drug therapy/ PROTHROMBIN TIME

1711. **Del Bosque Ruiz M, Ibarra Pérez C, Del Bosque Santos JR, et al:** Embarazo, parto y puerperio en pacientes con prótesis mitral de Starr-Edwards. I.
Arch Inst Cardiol Mex 43:149-54, Jan-Feb 73 (Spa)
CESAREAN SECTION/ ENGLISH ABSTRACT/ FEMALE/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ INFANT, NEWBORN/ *LABOR COMPLICATIONS, prevention & control/ *MITRAL VALVE, surgery/ PREGNANCY/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ *PUERPERAL DISORDERS, prevention & control/ WARFARIN, therapeutic use

1712. **Delesciuse J, De Bast C, Achten G:** Pyoderma gangrenosum with altered cellular immunity and dermonecrotic factor. Br J Dermatol 87:529-32, Dec 72
ANIMAL EXPERIMENTS/ ANTIGENS/ CANDIDA, immunology/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FEMALE/ GRAFT REJECTION/ GUINEA PIGS/ HUMAN/ *IMMUNITY, CELLULAR/ LYMPHOCYTES, immunology/ MIDDLE AGE/ *NECROSIS/ NITROBENZENES/ PLANT AGGLUTININS/ PREDNISOLONE, therapeutic use/ PYODERMA, drug therapy/ *PYODERMA, immunology/ SKIN, transplantation/ SKIN TESTS/ SKIN ULCER, drug therapy/ *SKIN ULCER, immunology/ STREPTODORNASE AND STREPTOKINASE, diagnostic use/ TRANSPLANTATION, AUTOLOGOUS/ TRICHOPHYTIN/ TUBERCULIN TEST

1713. **De Lumen BO, Tappel AL:** Histone hydrolase activity of rat liver lysosomal cathepsin B2.
Biochim Biophys Acta 293:217-25, 12 Jan 73
ANIMAL EXPERIMENTS/ *CATHEPSIN/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CYTOCHROME C/ HISTONES/ HYDROGEN-ION CONCENTRATION/ *HYDROLASES/ HYDROLYSIS/ LIVER, cytology/ *LIVER, enzymology/ *LYSOSOMES, enzymology/ MALE/ MURAMIDASE/ PROTAMINES/ RATS/ SUBCELLULAR FRACTIONS, enzymology/ TRYPSIN

1714. **Del Vivo RE, Ploncard P:** Les hématomes intracérébelleux spontanés.
Schweiz Arch Neurol Neurochir Psychiatr 111:463-72, 1972 (Fre)
BRAIN NEOPLASMS, diagnosis/ CEREBELLAR DISEASES, pathology/ CEREBELLAR DISEASES, radiography/ *CEREBELLAR DISEASES, surgery/ CEREBRAL ANGIOGRAPHY/ CEREBRAL HEMORRHAGE, pathology/ CEREBRAL HEMORRHAGE, radiography/ *CEREBRAL HEMORRHAGE, surgery/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HEMATOMA, radiography/ *HEMATOMA, surgery/ HUMAN/ MALE/ MIDDLE AGE

1715. **De Marchi F, Tamagnone GF, Dorato F:** Synthesis and pharmacological evaluation of some N-diethylaminoethylaryloxyacetamides and related compounds. Farmaco [Sci] 28:513-22, Jul 73
*ACETAMIDES, chem synthesis/ ACETAMIDES, pharmacodynamics/ ANESTHETICS, LOCAL, chem synthesis/ BLOOD PLATELETS, drug effects/ CELL AGGREGATION, drug effects/ ETHYLAMINES, chem synthesis/ ETHYLAMINES, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ STRUCTURE-ACTIVITY RELATIONSHIP

1716. **De Martínez NR, García MC, Salas M, et al:** Proteins with insulinlike activity isolated from oyster (Ostrea edulis L.) hepatopancreas.
Gen Comp Endocrinol 20:305-11, Apr 73
BIOLOGICAL ASSAY/ GEL FILTRATION/ HUMAN/ *INSULIN, isolation & purification/ LEUCINE, metabolism/ *LIVER, analysis/ MALE/ MOLECULAR WEIGHT/ *OYSTERS, physiology/ *PANCREAS, analysis/ PROINSULIN, isolation & purification/ RATS/ TRITIUM/ TRYPSIN

1717. **Demchenko AP, Smekhova EA, Radzevich IM:** Doslidzhennia prozorykh heliv fibrynu za metodom depoliaryzatsii fluorestsentsii.
Ukr Biokhim Zh 44:354-60, 1972 (Ukr)
CHEMISTRY, ORGANIC/ ENGLISH ABSTRACT/ *FIBRIN, chem synthesis/

FIBRINOGEN/ *FLUORESCENCE/ FLUORESCENCE SPECTROMETRY, instrumentation/ *GELS/ KINETICS/ MOLECULAR CONFORMATION/ POLYMERS/ *SPECTRUM ANALYSIS, instrumentation

1718. **Demerjian A, Kliman A:** A red blood cell freezing program for Massachusetts.
Transfusion 12:333-8, Sep-Oct 72
*BLOOD PRESERVATION/ BLOOD PRESERVATION, instrumentation/ BLOOD TRANSFUSION/ *ERYTHROCYTES/ *FREEZING/ GLYCERIN/ HISTOCOMPATIBILITY TESTING/ HUMAN/ MASSACHUSETTS/ RED CROSS

1719. **Demetrios N, Papadakos A:** Haimaggeiomata tes stomatikes koilotetos.
Odontiatrike 5:250-6, Jul-Aug 72 (Gre)
ENGLISH ABSTRACT/ HEMANGIOMA/ MOUTH NEOPLASMS/ SPECIAL LIST DENTAL

1720. **Demianiuk DG:** Nekotorye voprosy lecheniia gnoĭnykh zabolevaniĭ pal'tsev i kisti.
Klin Khir 8:56-60, Aug 72 (Rus)
*ANTIBIOTICS, therapeutic use/ *CHYMOTRYPSIN, therapeutic use/ FEMALE/ *FINGERS/ FURUNCULOSIS, surgery/ *FURUNCULOSIS, therapy/ *HAND/ HUMAN/ MALE/ PARONYCHIA, surgery/ *PARONYCHIA, therapy/ PHLEGMON, surgery/ *PHLEGMON, therapy

1721. **Demidiuk PF, Ganul IuL, Umanskiĭ MA, et al:** Izmenenie gemodinamiki u bol'nykh s zabolevaniiami sistemy krovi v sviazi so splenektomieĭ.
Klin Khir 8:65-9, Aug 72 (Rus)
ANEMIA, HEMOLYTIC, surgery/ *HEMATOLOGIC DISEASES, surgery/ *HEMODYNAMICS/ HUMAN/ HYPERTENSION, PORTAL, surgery/ PURPURA, THROMBOPENIC, surgery/ *SPLENECTOMY, adverse effects

1722. **De Miguel J:** Conceptos y realidades en la cirugía hepatobiliar.
Rev Esp Enferm Apar Dig 38:817-28, 1 Dec 72 (Spa)
*BILE DUCT NEOPLASMS, surgery/ *BILIARY TRACT DISEASES, surgery/ CHOLECYSTECTOMY/ FEMALE/ *HEMANGIOMA, surgery/ HEPATECTOMY/ HUMAN/ LAPAROTOMY/ *LIVER DISEASES, surgery/ *LIVER NEOPLASMS, surgery/ MALE/ METHODS

1723. **Demin AA, Khrupina AIa, Vasilenko GP:** Koagulopaticheskiĭ sindrom pri vibratsionnoĭ bolezni.
Gig Tr Prof Zabol 16:53-5, Nov 72 (Rus)
ADULT/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ FEMALE/ HEMOSTASIS/ HUMAN/ MALE/ MIDDLE AGE/ *OCCUPATIONAL DISEASES/ SYNDROME/ *VIBRATION, adverse effects

1724. **Demopoulos RI, Denarvaez F, Kaji V:** Benign mixed mesodermal tumors of the uterus: a histogenetic study.
Am J Clin Pathol 60:377-83, Sep 73
ADULT/ FEMALE/ HEMATOMA, pathology/ HUMAN/ KIDNEY NEOPLASMS, pathology/ LIPOMA, pathology/ MENOPAUSE/ MIDDLE AGE/ *NEOPLASMS, EMBRYONAL AND MIXED, pathology/ NEOPLASMS, EMBRYONAL AND MIXED, surgery/ *UTERINE NEOPLASMS, pathology/ UTERINE NEOPLASMS, surgery

1725. **Dèmos J:** Platelet diphenoloxidases in progressive muscular dystrophy (P.M.D.).
Clin Genet 4:79-90, 1973
ADOLESCENCE/ ADULT/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, enzymology/ CATTLE/ CHILD/ CHILD, PRESCHOOL/ CREATINE KINASE, blood/ *DIPHENOL OXIDASES, blood/ ELECTROPHORESIS, STARCH GEL/ FEMALE/ GENES, RECESSIVE/ HETEROZYGOTE/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ MUSCULAR DYSTROPHY, blood/ *MUSCULAR DYSTROPHY, enzymology/ MUSCULAR DYSTROPHY, familial & genetic/ PHOSPHOTRANSFERASES, blood/ SEX FACTORS/ SPECTROPHOTOMETRY/ UTERUS, enzymology

1726. **Demos J, Berthelon M:** Eznymologie et myopathie. Intérêt diagnostique et génétique des mesures d'activité des diphénol-oxydases plaquettaires.
Arch Fr Pediatr 29:793-9, Oct 72 (Fre)
ADULT/ *BLOOD PLATELETS, enzymology/ *DIPHENOL OXIDASES, blood/ DOPA, metabolism/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ EPINEPHRINE, metabolism/ FEMALE/ HEREDITARY DISEASES/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ *MUSCULAR DISEASES, enzymology/ MUSCULAR DYSTROPHY, diagnosis/ *MUSCULAR DYSTROPHY, enzymology/ MUSCULAR DYSTROPHY, familial & genetic/ ULTRASONICS

1727. **Dempster WJ:** Nature of hyperacute rejection.
Br Med J 1:740-1, 24 Mar 73
ANTIGEN-ANTIBODY COMPLEX/ FIBRIN/ *GRAFT REJECTION/ HEART, transplantation/ HUMAN/ KIDNEY, blood supply/ KIDNEY, transplantation/ KIDNEY GLOMERULUS, immunology/ SKIN, transplantation/ TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION IMMUNOLOGY

1728. **De Nicola P:** Lo studio dell'emostasi nella diagnostica delle epatopatie.
Quad Sclavo Diagn 7:1269-75, Dec 71 (Ita)
BLOOD COAGULATION DISORDERS, etiology/ *BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ LIVER DISEASES, complications/ *LIVER DISEASES, diagnosis

1729. **Denischi A, Antonescu D, Perieteanu R, et al:** Tulburări de coagulare în traumatismele osteoarticulare.
Chirurgia (Bucur) 20:879-88, Oct 71 (Rum)
ADULT/ AGED/ ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, therapeutic use/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION DISORDERS, prevention & control/ *BONE AND BONES, surgery/ ENGLISH ABSTRACT/ *FRACTURE FIXATION, adverse effects/ *FRACTURES, complications/ HEMORRHAGE, prevention & control/ HUMAN/ MIDDLE AGE/ THROMBELASTOGRAPHY/ *THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, prevention & control

1730. **Denman AM:** Review: method of separating human blood lymphoid cell populations.
J Immunol Methods 2:331-51, Jun 73
ADSORPTION/ ANTICOAGULANTS/ ANTIGEN-ANTIBODY COMPLEX/ BINDING SITES, ANTIBODY/ CELL SEPARATION/ CENTRIFUGATION, ZONAL/ DENSITOMETRY/ ERYTHROCYTES/ FLUORESCENCE/ FREEZING/ HEMOLYSIS/ HUMAN/ IMMUNE SERUMS/ LEUKOCYTE CULTURE TEST, MIXED/ *LYMPHOCYTES/ METHODS/ NEURAMINIDASE, pharmacodynamics/ REVIEW/ TRITIUM

1731. **Denson KW:** The detection of factor-VIII-like antigen in haemophilic carriers and in patients with raised levels of biologically active factor VIII.
Br J Haematol 24:451-61, Apr 73
ANIMAL EXPERIMENTS/ *ANTIGENS, analysis/ EPINEPHRINE, pharmacodynamics/ EXERTION/ *FACTOR VIII, analysis/ FEMALE/ GENOTYPE/ GYNECOLOGIC DISEASES, surgery/ HEMOPHILIA, classification/ HEMOPHILIA, diagnosis/ HEMOPHILIA, familial & genetic/ *HEMOPHILIA, immunology/ HUMAN/ IMMUNOELECTROPHORESIS/ MALE/ RABBITS, immunology/ *SEX CHROMOSOMES/ VON WILLEBRAND'S DISEASE, immunology

1732. **Denson KW, Russell FE, Almagro D, et al:** Characterization of the coagulant activity of some snake venoms.
Toxicon 10:557-62, Oct 72
ANIMAL EXPERIMENTS/ ESTERS/ FACTOR X, pharmacodynamics/ FIBRINOGEN/

FIBRINOLYSIS, drug effects/ HEMOSTATICS/ HUMAN/ IN VITRO/ PROTHROMBIN/ *SNAKES/ THROMBIN, pharmacodynamics/ TIME FACTORS/ *VENOMS, pharmacodynamics

1733. **Denson WK, Ingram GI:** Antigen/biological-activity ratio for factor VIII. Lancet 1:157-8, 20 Jan 73
ANTIBODIES/ *ANTIGENS/ *FACTOR VIII, biosynthesis/ *HEMOPHILIA, immunology/ HEMOPHILIA, metabolism/ HUMAN/ VON WILLEBRAND'S DISEASE, immunology/ VON WILLEBRAND'S DISEASE, metabolism

1734. **De N'Yeurt A:** The use of 'Chymoral' in vasectomy. J R Coll Gen Pract 22:633-7, Sep 72
ADULT/ CONTUSIONS, prevention & control/ EDEMA, prevention & control/ HEMATOMA, prevention & control/ HUMAN/ MALE/ MIDDLE AGE/ *PEPTIDE HYDROLASES, therapeutic use/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *VASECTOMY

1735. **Depalma RA:** A proposed drug treatment of oral wounds, infection. Dent Surv 49:54 passim, Jul 73
DEBRIDEMENT/ DEOXYRIBONUCLEASE, therapeutic use/ FIBRINOLYSIN, therapeutic use/ MOUTH, injuries/ MOUTH DISEASES, drug therapy/ SPECIAL LIST DENTAL/ SURGICAL WOUND INFECTION, drug therapy

1736. **De Petris S, Raff MC, Mallucci L:** Ligand-induced redistribution of concanavalin A receptors on normal, trypsinized and transformed fibroblasts. Nature [New Biol] 244:275-8, 29 Aug 73
AGGLUTINATION, drug effects/ *BINDING SITES, drug effects/ CELL LINE/ CELL MEMBRANE, metabolism/ *CELL TRANSFORMATION, NEOPLASTIC/ CONCANAVALIN A, metabolism/ CYTOCHALASIN B, pharmacodynamics/ *FERRITIN, pharmacodynamics/ FIBROBLASTS/ LIGANDS/ MICE/ MICE, INBRED BALB C/ MICE, INBRED C57BL/ MICROSCOPY, ELECTRON/ *PHYTOMITOGENS, metabolism/ *PLANT AGGLUTININS, metabolism/ STAINS AND STAINING/ *TRYPSIN, pharmacodynamics

1737. **Depisch D, Dinstl K, Keminger K:** Das Schilddrüsensarkom im Endemiegebiet. Bruns Beitr Klin Chir 220:397-404, Jul 73 (Ger)
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ ENGLISH ABSTRACT/ FEMALE/ GOITER, drug therapy/ HEMANGIOENDOTHELIOMA, occurrence/ HUMAN/ IODINE, therapeutic use/ MALE/ MIDDLE AGE/ PROGNOSIS/ *SARCOMA/ SARCOMA, diagnosis/ SARCOMA, prevention & control/ SEX FACTORS/ *THYROID NEOPLASMS/ THYROID NEOPLASMS, diagnosis/ THYROID NEOPLASMS, prevention & control

1738. **Dermer GB:** Ultrastructural and certain cytochemical aspects of plasma membranes within glycol methacrylate sections. J Ultrastruct Res 42:221-33, Feb 73
*ACRYLATES/ BREAST, cytology/ *CELL MEMBRANE/ EPITHELIAL CELLS, cytology/ EVALUATION STUDIES/ FEMALE/ GLYCOLS/ HISTOCYTOCHEMISTRY/ HISTOLOGICAL TECHNICS/ HUMAN/ INTERCELLULAR JUNCTIONS/ LANTHANUM/ MICROTOMY/ OSMIUM/ PHOSPHOTUNGSTIC ACID/ PRESERVATION, BIOLOGICAL/ PRONASE/ STAINS AND STAINING/ *STAINS AND STAINING/ TRYPSIN

1739. **Derrick JB, McConn R, Sorovacu ML, et al:** Studies of the metabolic integrity of human red blood cells after cryopreservation. II. Effects of low-glycerol-rapid-freeze preservation on glycolysis. Transfusion 12:400-4, Nov-Dec 72
ACIDS/ ADENINE/ ADENOSINE TRIPHOSPHATE, blood/ *BLOOD PRESERVATION/ CITRATES/ *ERYTHROCYTES, metabolism/ FREEZING/ GLUCOSE/ GLYCERIN/ GLYCEROPHOSPHATES, blood/ GLYCOLYSIS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INOSINE/ POTASSIUM, blood/ SODIUM, blood

1740. **Derylo M, Buraczyńska M, Lorkiewicz Z:** Transformation of col V and col I factors. Acta Microbiol Pol [A] 4:153-61, 1972
CELL-FREE SYSTEM/ *COLICINS, biosynthesis/ CONJUGATION, GENETIC/ CULTURE MEDIA/ DEOXYRIBONUCLEASE/ *DNA, BACTERIAL/ DNA, BACTERIAL, isolation & purification/ *ENTEROBACTERIACEAE, metabolism/ ESCHERICHIA COLI, analysis/ ESCHERICHIA COLI, metabolism/ HEAT/ NUCLEIC ACID DENATURATION/ NUCLEIC ACID RENATURATION/ RIBONUCLEASE/ SALMONELLA TYPHIMURIUM, analysis/ SALMONELLA TYPHIMURIUM, metabolism/ *TRANSFORMATION, GENETIC/ TRYPSIN

1741. **Descotes J, Belleville J:** Coagulopathies de consommation en chirurgie artérielle. Nouv Presse Med 2:1611, 9 Jun 73 (Fre)
*DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HUMAN/ POSTOPERATIVE COMPLICATIONS/ *VASCULAR SURGERY, adverse effects

1742. **Descotes J, De Alcantara EC, Ahmed MK:** Hoemostasis by endo-vascular occlusion in reoperations for aneurysms on vascular prostheses. J Cardiovasc Surg (Torino) 14:419-21, Jul-Aug 73
ANEURYSM, etiology/ *ANEURYSM, surgery/ *BLOOD VESSEL PROSTHESIS/ FEMORAL ARTERY, surgery/ *HEMOSTASIS/ HEMOSTASIS, instrumentation/ HUMAN/ METHODS/ RECURRENCE/ SURGICAL WOUND DEHISCENCE, complications

1743. **Desmazeaud MJ, Hermier JH:** Isolement et détermination de la composition qualitative de peptides issus de la caséine, stimulant la croissance de Streptococcus thermophilus. Eur J Biochem 28:190-8, 13 Jul 72 (Fre)
AMINO ACIDS, analysis/ AMINO ACIDS, pharmacodynamics/ BIOLOGICAL TRANSPORT/ *CASEIN, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CULTURE MEDIA/ ELECTROPHORESIS, PAPER/ ENGLISH ABSTRACT/ GEL FILTRATION/ *GROWTH SUBSTANCES/ MILK/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES/ *PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PEPTIDES, pharmacodynamics/ STREPTOCOCCUS, drug effects/ *STREPTOCOCCUS, growth & development

1744. **Desmons F, Debeugny P, Simon M:** Intérêt du dépistage précoce par la phlébographie des anomalies veineuses accompagnant les volumineux angiomes du nouveau-né et du très jeune nourrisson. Bull Soc Fr Dermatol Syphiligr 79:523-6, 1972 (Fre)
*ANGIOMATOSIS, diagnosis/ ANGIOMATOSIS, surgery/ ARM, blood supply/ ARTERIOVENOUS MALFORMATIONS, complications/ *ARTERIOVENOUS MALFORMATIONS, diagnosis/ ARTERIOVENOUS MALFORMATIONS, surgery/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ LEG, blood supply/ PHLEBOGRAPHY/ *SKIN NEOPLASMS, diagnosis/ SKIN NEOPLASMS, surgery

1745. **Desnoyers P, Labaume J, Anstett M, et al:** The pharmacology S 1702, a new highly effective oral antidiabetic drug with unusual properties. 3. Antistickiness activity, fibrinolytic properties and haemostatic parameters study. Australas Radiol 22:1691-5, Oct 72
ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ ANTIDIABETICS, administration & dosage/ *ANTIDIABETICS, pharmacodynamics/ CAPILLARY PERMEABILITY, drug effects/

CYCLOPENTANE, administration & dosage/ CYCLOPENTANE, pharmacodynamics/ DOGS/ *FIBRINOLYSIS, drug effects/ INJECTIONS/ MALE/ PLASMINOGEN/ PLASMINOGEN, metabolism/ *PLATELET ADHESIVENESS, drug effects/ PYRROLES, administration & dosage/ PYRROLES, pharmacodynamics/ RABBITS/ RATS/ SULFONYLUREA COMPOUNDS, administration & dosage/ *SULFONYLUREA COMPOUNDS, pharmacodynamics/ TIME FACTORS

1746. **Desnuelle P:** Quelques données récentes sur les enzymes du pancréas exocrine.
C R Soc Biol (Paris) 166:238-53, 9 Nov 72 (Fre)
ADSORPTION/ AMINO ACID SEQUENCE/ AMYLASE, metabolism/ ANIMAL EXPERIMENTS/ BILE ACIDS AND SALTS, physiology/ CHYMOTRYPSINOGEN, metabolism/ ENZYME ACTIVATION/ ESTERASES, metabolism/ INSULIN, physiology/ LIPASE, metabolism/ LIVER, enzymology/ *PANCREAS, enzymology/ *PANCREATIC JUICE, analysis/ RATS/ TRIACETIN/ TRIGLYCERIDES, metabolism/ TRYPSIN, metabolism/ TRYPSINOGEN, metabolism

1747. **Desproges-Gotteron R, Dunoyer J, Loubet R, et al:** A propos d'un cas d'angiomatose diffuse et extensive du squelette.
Rev Rhum Mal Osteoartic 39:306-11, Apr 72 (Fre)
AGED/ *ANGIOMATOSIS/ ANGIOMATOSIS, etiology/ ANGIOMATOSIS, pathology/ ANGIOMATOSIS, radiography/ ARTERIOVENOUS FISTULA, complications/ *BONE AND BONES/ *BONE DISEASES/ BONE RESORPTION/ CASE REPORT/ ELBOW/ ELBOW, radiography/ FEMALE/ HIP/ HIP, radiography/ HUMAN/ SKULL, radiography/ TIBIA, radiography

1748. **Destaing F, Thierry A, Villand J, et al:** Méningite à staphylocoque, à propos de deux cas.
Lyon Med 228:577-8, 26 Nov 72 (Fre)
CEREBRAL ANGIOGRAPHY/ CEREBRAL HEMORRHAGE, complications/ ENGLISH ABSTRACT/ HEMATOMA, complications/ HUMAN/ MALE/ *MENINGITIS/ MENINGITIS, complications/ MIDDLE AGE/ NEUROLOGIC MANIFESTATIONS/ *STAPHYLOCOCCAL INFECTIONS

1749. **De Takats G:** The urokinase pulmonary embolism trial.
Am J Surg 126:311-3, Sep 73
CLINICAL RESEARCH/ COMPARATIVE STUDY/ *FIBRINOLYTIC AGENTS, therapeutic use/ HEMORRHAGE, etiology/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ *PULMONARY EMBOLISM, drug therapy/ TIME FACTORS

1750. **Detwiler TC, Feinman RD:** Kinetics of the thrombin-induced release of calcium (II) by platelets.
Biochemistry 12:282-9, 16 Jan 73
BARBITURATES/ BINDING SITES/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, physiology/ *BLOOD PLATELETS, secretion/ CALCIUM, physiology/ *CALCIUM, secretion/ CHEMISTRY/ COMPUTERS, ANALOG/ HIRUDIN, pharmacodynamics/ HUMAN/ KINETICS/ MATHEMATICS/ OSCILLOMETRY/ PROTEIN BINDING/ SPECTROPHOTOMETRY/ THROMBIN, antagonists & inhibitors/ *THROMBIN, pharmacodynamics

1751. **Detwiler TC, Feinman RD:** Kinetics of the thrombin-induced release of adenosine triphosphate by platelets. Comparison with release of calcium.
Biochemistry 12:2462-8, 19 Jun 73
ADENOSINE TRIPHOSPHATE, analysis/ *ADENOSINE TRIPHOSPHATE, secretion/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, secretion/ *CALCIUM, secretion/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HUMAN/ KINETICS/ LUCIFERASE/ LUCIFERIN/ LUMINESCENCE/ OSCILLOMETRY/ SECRETORY RATE, drug effects/ SPECTROPHOTOMETRY/ THROMBIN, administration & dosage/ *THROMBIN, pharmacodynamics/ TIME FACTORS

1752. **Deutsch DG, Mertz ET:** Activation of plasminogen with insoluble derivatives of urokinase.
J Med (Basel) 3:224-30, 1972
ENZYME ACTIVATION/ *FIBRINOLYTIC AGENTS, pharmacodynamics/ HUMAN/ METHODS/ PLASMA/ *PLASMINOGEN/ SOLUBILITY/ SOLUTIONS

1753. **Deutsch E:** Gerinnungsuntersuchungen bei haemorrhagischen Diathesen.
Med Lab (Stuttg) 26:43-7, Feb 73 (Ger)
*BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ *HEMORRHAGIC DIATHESIS, etiology/ HUMAN

1754. **Deutsch E:** Gerinnungsuntersuchungen bei haemorrhagischen Diathesen.
Med Lab (Stuttg) 26:2-9 contd, Jan 73 (Ger)
*BLOOD COAGULATION TESTS/ *HEMORRHAGIC DIATHESIS, blood/ HUMAN/ METHODS

1755. **Deutsch E:** Molekular Aspekte der Gerinnungsvorgänge.
Verh Dtsch Ges Inn Med 78:345-60, 1972 (Ger)
AMINO ACID SEQUENCE/ *BLOOD COAGULATION/ BLOOD COAGULATION DISORDERS, physiopathology/ BLOOD COAGULATION FACTORS/ FIBRIN/ FIBRINOGEN/ HUMAN

1756. **Deutsch E, Ehringer H:** Thrombolytic therapy in chronic arterial occlusions. J Clin Pathol 25:644, Jul 72
AGED/ *ARTERIAL OCCLUSIVE DISEASES, drug therapy/ ARTERIES/ CHRONIC DISEASE/ HUMAN/ MALE/ STREPTOKINASE, adverse effects/ *STREPTOKINASE, therapeutic use/ *THROMBOSIS, drug therapy/ THROMBOSIS, surgery

1757. **Deutsch HF:** The development of plasma derivatives for clinical use. A symposium summary.
Vox Sang 23:147-50, Jul-Aug 72
ALCOHOL, ETHYL/ AUSTRALIA ANTIGEN, isolation & purification/ AUTOMATION/ BLOOD DONORS/ *BLOOD PROTEINS, isolation & purification/ CHOLINESTERASE, isolation & purification/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, ION EXCHANGE/ DRUG AND NARCOTIC CONTROL/ FACTOR VIII/ FACTOR XIII, isolation & purification/ FEES AND CHARGES/ GEL FILTRATION/ HEPATITIS, HOMOLOGOUS SERUM, prevention & control/ HUMAN/ LEGISLATION, DRUG/ METHODS/ *PLASMA, analysis/ PLASMAPHERESIS/ PRECIPITATION/ UNITED STATES

1758. **Deutsch M, Leen RL, Mercado R Jr:** Hemangioendothelioma of the penis with late appearing metastases: report of a case with review of the literature. J Surg Oncol 5:27-34, 1973
ADOLESCENCE/ BONE NEOPLASMS, pathology/ HEMANGIOENDOTHELIOMA, drug therapy/ HEMANGIOENDOTHELIOMA, pathology/ HEMANGIOENDOTHELIOMA, radiotherapy/ HEMANGIOENDOTHELIOMA, surgery/ *HEMANGIOENDOTHELIOMA, therapy/ HUMAN/ LAMINECTOMY/ LUNG NEOPLASMS, pathology/ LUNG NEOPLASMS, radiography/ MALE/ METHOTREXATE, therapeutic use/ NEOPLASM METASTASIS/ PENILE NEOPLASMS, pathology/ PENILE NEOPLASMS, radiotherapy/ PENILE NEOPLASMS, surgery/ *PENILE NEOPLASMS, therapy/ RADIOISOTOPE SCANNING/ RADIOTHERAPY DOSAGE/ RIBS/ SPINAL NEOPLASMS, drug therapy/ SPINAL NEOPLASMS, radiotherapy/ SPINAL NEOPLASMS, therapy/ VINBLASTINE, therapeutic use

1759. **Devadiga KV, Gass HH:** Chronic lumbar extradural haematoma simulating disc syndrome.

J Neurol Neurosurg Psychiatry 36:255-9, Apr 73
AGED/ ANTICOAGULANTS, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HEMATOMA, EPIDURAL, diagnosis/ HEMATOMA, EPIDURAL, drug therapy/ HEMATOMA, EPIDURAL, surgery/ HUMAN/ *INTERVERTEBRAL DISK DISPLACEMENT, diagnosis/ LUMBAR VERTEBRAE/ MALE/ MIDDLE AGE/ MYELOGRAPHY/ PROGNOSIS/ *SPINAL CORD DISEASES, diagnosis/ SPINAL CORD DISEASES, drug therapy/ SPINAL CORD DISEASES, surgery

1760. **DeVenuto F, Wilson SM, Shields CE:** Uptake and retention of adenine moiety by stored human red blood cells. Transfusion 13:200-6, Jul-Aug 73
*ADENINE, metabolism/ ADENINE NUCLEOTIDES/ ADENOSINE TRIPHOSPHATE, metabolism/ ADOLESCENCE/ ADULT/ BLOOD PRESERVATION/ CELL SURVIVAL/ *ERYTHROCYTES, metabolism/ ESTERS/ FEMALE/ HUMAN/ METHODS/ PLASMA, metabolism/ SODIUM CHLORIDE/ TIME FACTORS/ TRITIUM

1761. **Devi A, Banerjee S, Copley AL:** Coagulant and esterase activities of thrombin and Bothrops atrox venom. Toxicon 10:563-73, Oct 72
ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ CATTLE/ DRUG INTERACTIONS/ DRUG STABILITY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ *ESTERASES, pharmacodynamics/ HEAT/ *HEMOSTATICS/ HEPARIN, pharmacodynamics/ ISOFLUROPHATE, pharmacodynamics/ PEPTIDE HYDROLASES, pharmacodynamics/ PLANT EXTRACTS, pharmacodynamics/ *SNAKES/ *THROMBIN, pharmacodynamics/ TIME FACTORS/ TRYPSIN INHIBITORS, pharmacodynamics/ *VENOMS, pharmacodynamics

1762. **Devi KS, Kurup PA:** Hypolipidaemic activity of Phaseolus mungo (blackgram) in rats fed a high-fat--high-cholesterol diet. Isolation of a protein and polysaccharide fraction.
Atherosclerosis 15:223-30, Mar-Apr 72
ANIMAL EXPERIMENTS/ *ANTICHOLESTEREMIC AGENTS, therapeutic use/ CHOLESTEROL, blood/ *DIET, ATHEROGENIC/ *HYPERCHOLESTEREMIA, chemically induced/ LIPIDS, analysis/ LIVER, analysis/ PHOSPHOLIPIDS, blood/ POLYSACCHARIDES, analysis/ RATS/ STEROLS, analysis

1763. **Devriese LA, Devos AH, Beumer J, et al:** Characterization of staphylococci isolated from poultry. Poult Sci 51:389-97, Mar 72
AEROBIOSIS/ ANIMAL EXPERIMENTS/ ARTHRITIS, microbiology/ *ARTHRITIS, veterinary/ *CHICKENS/ COAGULASE, metabolism/ DEOXYRIBONUCLEASE, metabolism/ FIBRINOLYSIN, metabolism/ HEMOLYSINS, biosynthesis/ LIPASE, metabolism/ MICROBIAL SENSITIVITY TESTS/ MURAMIDASE, metabolism/ PHOSPHATASES, metabolism/ *POULTRY DISEASES, microbiology/ STAPHYLOCOCCAL PHAGES/ STAPHYLOCOCCUS, drug effects/ STAPHYLOCOCCUS, enzymology/ *STAPHYLOCOCCUS, isolation & purification/ SYNOVIAL FLUID, microbiology/ SYNOVITIS, microbiology/ *SYNOVITIS, veterinary/ UREASE, metabolism

1764. **Devroede G, Beaudry R, Haddad H, et al:** Discrete ulcerations of the rectum and sigmoid.
Am J Dig Dis 18:695-703, Aug 73
AORTOGRAPHY/ ARTERITIS, pathology/ COLONIC DISEASES, diagnosis/ COLONIC DISEASES, etiology/ *COLONIC DISEASES, pathology/ DIAGNOSIS, DIFFERENTIAL/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ENTERITIS, REGIONAL, diagnosis/ FEMALE/ HUMAN/ LIPODYSTROPHY, INTESTINAL, complications/ MALE/ MESENTERIC ARTERIES, radiography/ MIDDLE AGE/ POLYPS, complications/ PROCTITIS, complications/ RECTAL DISEASES, diagnosis/ RECTAL DISEASES, etiology/ *RECTAL DISEASES, pathology/ RECTAL NEOPLASMS, diagnosis/ *SIGMOID, pathology/ SIGMOID NEOPLASMS, diagnosis/ ULCER/ UTERINE NEOPLASMS, complications

1765. **DeWeese MS, Kraft RO, Nichols WK, et al:** Fifteen-year clinical experience with the vena cava filter.
Ann Surg 178:247-57, Sep 73
ANTICOAGULANTS, therapeutic use/ DERMATITIS, etiology/ EDEMA, etiology/ *FILTRATION/ FILTRATION, adverse effects/ FOLLOW-UP STUDIES/ HUMAN/ LEG ULCER, etiology/ LIGATION/ MALE/ METHODS/ MIDDLE AGE/ PHLEBOGRAPHY/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *PULMONARY EMBOLISM, prevention & control/ RECURRENCE/ SUTURE TECHNICS/ SUTURES/ THROMBOPHLEBITIS, etiology/ *VENA CAVA, INFERIOR/ VENA CAVA, INFERIOR, surgery

1766. **Dexter L:** The chair and venous thrombosis.
Trans Am Clin Climatol Assoc 84:1-15, 1973
BLOOD COAGULATION DISORDERS, complications/ BLOOD VESSELS, injuries/ CHINA/ EDEMA, etiology/ EUROPE/ GRAVITATION/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, ANCIENT/ HISTORY OF MEDICINE, 15TH CENT./ HISTORY OF MEDICINE, 16TH CENT./ HISTORY OF MEDICINE, 17TH CENT./ HISTORY OF MEDICINE, 18TH CENT./ HISTORY OF MEDICINE, 19TH CENT./ HISTORY OF MEDICINE, 20TH CENT./ HISTORY OF MEDICINE, MEDIEVAL/ HUMAN/ LEG, blood supply/ MEDICINE IN ART/ REGIONAL BLOOD FLOW/ THROMBOPHLEBITIS, complications/ *THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, history/ THROMBOPHLEBITIS, occurrence/ VENOUS INSUFFICIENCY, complications/ VENOUS INSUFFICIENCY, etiology

1767. **Deykin D:** Altered lipid metabolism in human platelets after primary aggregation.
J Clin Invest 52:483-92, Feb 73
ACETATES, metabolism/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ FATTY ACIDS, metabolism/ GLYCERIN, metabolism/ HUMAN/ LECITHINS, metabolism/ *LIPIDS, metabolism/ LYSINE, pharmacodynamics/ OLEIC ACID, metabolism/ PLATELET ADHESIVENESS/ THROMBIN, pharmacodynamics/ TRIGLYCERIDES, metabolism/ TRITIUM

1768. **Deykin D, Hellerstein LJ:** The assessment of drug-dependent and isoimmune antiplatelet antibodies by the use of platelet aggregometry.
J Clin Invest 51:3142-53, Dec 72
ADENOSINE DIPHOSPHATE, antagonists & inhibitors/ ADULT/ BLOOD CELL COUNT/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, immunology/ COLLAGEN, antagonists & inhibitors/ EPINEPHRINE, antagonists & inhibitors/ HEMOLYSINS/ HISTOCOMPATIBILITY ANTIGENS, analysis/ HUMAN/ IN VITRO/ *ISOANTIBODIES, analysis/ METHODS/ MICROSCOPY, ELECTRON/ OPTICS/ PLATELET ADHESIVENESS/ PURPURA, THROMBOPENIC, immunology/ QUINIDINE, pharmacodynamics

1769. **Dharnidharka SG, Kirkham R, Kolff WJ:** Toward a wearable artificial kidney using ultrafiltrate as dialysate.
Trans Am Soc Artif Intern Organs 19:92-7, 1973
ANIMAL EXPERIMENTS/ BLOOD FLOW VELOCITY/ BLOOD UREA NITROGEN/ CARBON DIOXIDE, blood/ CHARCOAL/ CHLORIDES, blood/ CREATININE, blood/ *DIALYSIS/ HEPARIN, administration &

dosage/ HYDROGEN-ION CONCENTRATION/ INJECTIONS, INTRAVENOUS/ INULIN, blood/ *KIDNEY, ARTIFICIAL/ KIDNEY, ARTIFICIAL, instrumentation/ MANOMETRY/ NEPHRECTOMY/ POTASSIUM, blood/ SHEEP/ SODIUM, blood/ TEMPERATURE/ TIME FACTORS/ *ULTRAFILTRATION/ UREMIA, therapy/ URIC ACID, blood/ WARFARIN, administration & dosage

1770. **Diamandopoulos GT:** Plateletpheresis or thrombocytapheresis. N Engl J Med 289:222, 26 Jul 73
*BLOOD PLATELETS/ BLOOD TRANSFUSION/ *NOMENCLATURE

1771. **Diament AJ:** Valor de alguns exames complementares na choréia de Sydenham.
Arq Neuropsiquiatr 30:187-214, Sep 72 (Por)
ADOLESCENCE/ ANTISTREPTOLYSIN, analysis/ ARTHRITIS, RHEUMATOID, complications/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PROTEIN ELECTROPHORESIS/ BLOOD SEDIMENTATION/ C-REACTIVE PROTEIN, analysis/ CEREBROSPINAL FLUID PROTEINS, analysis/ CERULOPLASMIN, analysis/ CHILD/ *CHOREA/ CHOREA, blood/ CHOREA, cerebrospinal fluid/ CHOREA, physiopathology/ COPPER, blood/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MAGNESIUM, blood/ MALE/ METHODS/ MUCOPROTEINS, blood/ RESPIRATORY TRACT INFECTIONS, complications/ RHEUMATIC FEVER, complications/ SULFUR, blood

1772. **Diamond MT, Fell SC:** Anticoagulant-induced massive hemothorax. NY State J Med 73:691-2, 1 Mar 73
AGED/ *ANTICOAGULANTS, adverse effects/ CEREBRAL EMBOLISM AND THROMBOSIS, drug therapy/ *HEMOTHORAX, chemically induced/ HUMAN/ MALE/ PULMONARY EMBOLISM, drug therapy

1773. **Diatlov MM:** Sosudistye narusheniia pri vyvikhakh goleni.
Vestn Khir 108:57-61, Dec 72 (Rus)
ADOLESCENCE/ ADULT/ AGED/ CONTUSIONS, complications/ *DISLOCATIONS, complications/ DISLOCATIONS, surgery/ ENGLISH ABSTRACT/ FEMALE/ GANGRENE, complications/ HEMATOMA, complications/ HUMAN/ *KNEE INJURIES, complications/ KNEE INJURIES, surgery/ MALE/ MIDDLE AGE/ *POPLITEAL ARTERY, injuries/ POPLITEAL ARTERY, surgery/ SPASM/ THROMBOSIS, complications/ TRANSPLANTATION, AUTOLOGOUS/ VEINS, transplantation

1774. **DiBenedetto RJ, Miller WA:** Recurrent pulmonary embolus after insertion of intracaval prosthesis. Chest 63:1021-3, Jun 73
AGED/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ POSTOPERATIVE COMPLICATIONS/ *PROSTHESIS, adverse effects/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/ *PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, prevention & control/ RADIOISOTOPE SCANNING/ RECURRENCE/ THROMBOSIS, complications/ THROMBOSIS, drug therapy/ THROMBOSIS, etiology/ THROMBOSIS, radiography/ *VENA CAVA, INFERIOR/ WARFARIN, therapeutic use

1775. **Dice JF, Dehlinger PJ, Schimke RT:** Studies on the correlation between size and relative degradation rate of soluble proteins.
J Biol Chem 248:4220-8, 25 Jun 73
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HELA CELLS, metabolism/ HUMAN/ LEUCINE, metabolism/ *LIVER, metabolism/ LIVER, secretion/ MACROMOLECULAR SYSTEMS/ MALE/ MOLECULAR WEIGHT/ MUSCLE PROTEINS, metabolism/ NEOPLASM PROTEINS, metabolism/ NERVE TISSUE PROTEINS, metabolism/ PLANT PROTEINS, metabolism/ PRONASE/ PROTEINS, biosynthesis/ *PROTEINS, metabolism/ PROTEINS, secretion/ RATS/ SODIUM DODECYL SULFATE/ SOLUBILITY/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRITIUM/ TRYPSIN

1776. **Dicesare JL, Rapport MM:** Availability to neuraminidase of gangliosides and sialoglycoproteins in neuronal membranes.
J Neurochem 20:1781-3, Jun 73
ANIMAL EXPERIMENTS/ BRAIN, cytology/ *BRAIN, drug effects/ CHROMATOGRAPHY, ION EXCHANGE/ CLOSTRIDIUM PERFRINGENS, enzymology/ *GANGLIOSIDES/ GLYCOPROTEINS/ HYDROLYSIS/ MEMBRANES, drug effects/ MICROSOMES, drug effects/ NEURAMINIC ACIDS/ *NEURAMINIDASE, pharmacodynamics/ RATS/ *SYNAPTIC MEMBRANES, drug effects/ TRYPSIN, pharmacodynamics

1777. **Dichgans J, Gottschaldt M, Voigt K:** Arteriovenöse Dura-Angiome am Sinus transversus. Klinische Symptome, charakteristische arterielle Versorgung und häufige venöse Abflusstörungen.
Zentralbl Neurochir 33:1-18, 1972 (Ger)
ADULT/ AGED/ BRAIN NEOPLASMS, complications/ *BRAIN NEOPLASMS, radiography/ CEREBRAL ANGIOGRAPHY/ CEREBRAL EMBOLISM AND THROMBOSIS, complications/ *CRANIAL SINUSES, radiography/ DURA MATER/ ENGLISH ABSTRACT/ FEMALE/ HEMANGIOMA, complications/ *HEMANGIOMA, radiography/ HUMAN/ MALE/ MIDDLE AGE

1778. **Di Chiro G, Wener L:** Angiography of the spinal cord. A review of contemporary techniques and applications.
J Neurosurg 39:1-29, Jul 73 (132 ref.)
ADOLESCENCE/ ADULT/ *ANGIOGRAPHY/ ANGIOGRAPHY, adverse effects/ ARTERIOVENOUS FISTULA, radiography/ ARTERIOVENOUS MALFORMATIONS, radiography/ CATHETERIZATION/ COLLATERAL CIRCULATION/ CONTRAST MEDIA/ HEMANGIOMA, radiography/ HUMAN/ INFANT/ INTERVERTEBRAL DISK DISPLACEMENT, radiography/ IOTHALAMIC ACID/ METHODS/ MYELITIS, radiography/ PARAPLEGIA, radiography/ QUADRIPLEGIA, radiography/ RADIATION INJURIES, radiography/ REGIONAL BLOOD FLOW/ REVIEW/ *SPINAL CORD, blood supply/ SPINAL CORD, radiation effects/ SPINAL CORD INJURIES, radiography/ SPINAL CORD NEOPLASMS, radiography/ TECHNETIUM/ VASCULAR DISEASES, radiography

1779. **Dickerman JD, Holbrook PR, Zinkham WH:** Etiology and therapy of thrombocytopenia associated with sarcoidosis. J Pediatr 81:758-64, Oct 72
ADOLESCENCE/ ADULT/ BLOOD PLATELETS/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HEMATOCRIT/ HUMAN/ ISONIAZID, therapeutic use/ MALE/ MIDDLE AGE/ PREDNISONE, therapeutic use/ PURPURA, THROMBOPENIC, etiology/ *SARCOIDOSIS, complications/ THROMBOPENIA, drug therapy/ *THROMBOPENIA, etiology/ THROMBOPENIA, therapy

1780. **Dickerson RE:** X-ray studies of protein mechanisms. Annu Rev Biochem 41:815-42, 1972 (43 ref.)
CLOSTRIDIUM/ CONCANAVALIN A/ CYTOCHROME C/ CYTOCHROMES/ DACTINOMYCIN/ FERREDOXINS/ FLAVOPROTEINS/ GAMMA GLOBULIN/ GLOBIN/ HEMOGLOBIN/ LIVER, cytology/ MICROSOMES, LIVER/ MODELS, STRUCTURAL/ PANCREAS/ PROTEIN CONFORMATION/ *PROTEINS/ REVIEW/ TRYPSIN INHIBITORS/ *X-RAY DIFFRACTION

1781. **Dickinson NA, Rees JA, Collett JH:** The influence of some aliphatic alcohols on the enzymic hydrolysis of methyl hippurate. J Pharm Pharmacol 24:631-6, Aug 72

ALCOHOL, ETHYL/ ALCOHOL, METHYL/ ALCOHOL, PROPYL/ *ALCOHOLS/ ALCOHOLS, BUTYL/ *CHYMOTRYPSIN/ *HIPPURATES/ HYDROLYSIS/ KINETICS

1782. **Dickson A:** Lymphocytotoxins in leukaemia.
Br Med J 4:209-11, 28 Oct 72
ANTILYMPHOCYTE SERUM/ COMPLEMENT FIXATION TESTS/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ DIALYSIS/ HISTOCOMPATIBILITY/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IGG/ IGM/ IMMUNE SERUMS/ ISOANTIGENS/ *LEUKEMIA, blood/ LEUKEMIA, immunology/ LEUKEMIA, LYMPHOBLASTIC, blood/ LEUKEMIA, LYMPHOCYTIC, blood/ LEUKEMIA, MYELOBLASTIC, blood/ LEUKEMIA, MYELOCYTIC, blood/ *LYMPHOCYTES, analysis/ MOLECULAR WEIGHT/ *NEOPLASM PROTEINS, blood/ TEMPERATURE/ *TOXINS/ TRYPSIN, metabolism

1783. **Didisheim P:** Animal models useful in the study of thrombosis and antithrombotic agents.
Prog Hemostasis Thromb 1:165-97, 1972 (235 ref.)
ANIMAL EXPERIMENTS/ BISHYDROXYCOUMARIN, pharmacodynamics/ BLOOD PLATELETS, physiology/ BLOOD VESSEL PROSTHESIS/ BLOOD VESSELS, injuries/ *DISEASE MODELS, ANIMAL/ FIBRIN/ FORMALDEHYDE, pharmacodynamics/ HEPARIN, pharmacodynamics/ LASER COAGULATION/ PLATELET ADHESIVENESS/ RABBITS/ RATS/ REVIEW/ SCLEROSING SOLUTIONS/ THROMBOSIS, etiology/ *THROMBOSIS, prevention & control

1784. **Didisheim P, Pavlovsky M, Kobayashi I:** Factors affecting hemostatic plug formation in an extracorporeal model.
Ann NY Acad Sci 201:307-15, 27 Oct 72
ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS, physiology/ BLOOD PRESSURE/ CARBAMATES, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ *HEMOSTASIS/ MODELS, BIOLOGICAL/ POLYTETRAFLUOROETHYLENE/ POLYVINYLPYRROLIDONE, pharmacodynamics/ PYRIDINES, pharmacodynamics/ RATS

1785. **Dieckhoff D:** Akneiforme Exantheme bei akuter infektiöser Hepatitis.
Z Gastroenterol 10:483-8, Oct 72 (Ger)
ACNE, enzymology/ ACNE, etiology/ ACNE, metabolism/ ACUTE DISEASE/ ADOLESCENCE/ ADULT/ ALANINE AMINOTRANSFERASE, metabolism/ ALKALINE PHOSPHATASE, metabolism/ ASPARTATE AMINOTRANSFERASE, metabolism/ ENGLISH ABSTRACT/ EXANTHEMA, enzymology/ *EXANTHEMA, etiology/ EXANTHEMA, metabolism/ FEMALE/ *HEPATITIS, INFECTIOUS, complications/ HEPATITIS, INFECTIOUS, enzymology/ HEPATITIS, INFECTIOUS, metabolism/ HUMAN/ MALE/ SHWARTZMAN PHENOMENON, metabolism/ TESTOSTERONE, metabolism

1786. **Diepenhorst P, Reijnierse E, Prins HK:** Removal of leukocytes from whole blood and erythrocyte suspensions by filtration through cotton wool. 3. Influence of filtration on the in vivo viability of stored erythrocytes. Vox Sang 23:331-5, 1972
BLOOD PRESERVATION/ CELL SEPARATION/ CELL SURVIVAL/ CHROMIUM ISOTOPES/ COTTON/ *ERYTHROCYTES/ FILTRATION/ GLUCOSE, analysis/ HUMAN/ *LEUKOCYTES

1787. **Diepenhorst P, Sprokholt R, Prins HK:** Removal of leukocytes from whole blood and erythrocyte suspensions by filtration through cotton wool. II. Influence of filtration on biochemical parameters of erythrocytes during storage. Vox Sang 23:321-30, 1972
ADENOSINE DIPHOSPHATE, blood/ ADENOSINE TRIPHOSPHATE, blood/ *BLOOD PRESERVATION/ CELL SEPARATION/ COTTON/ *ERYTHROCYTES/ *FILTRATION/ GLYCEROPHOSPHATES, blood/ HEMOGLOBINOMETRY/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *LEUKOCYTES/ OSMOTIC FRAGILITY/ POTASSIUM, blood

1788. **Diessner H, Schmidt RM:** Verhalten der proteolytischen Enzyme des Hirns bei der experimentellen allergischen Enzephalomyelitis.
Wien Z Nervenheilkd 30:213-21, 1972 (Ger)
ANIMAL EXPERIMENTS/ *BRAIN, enzymology/ *ENCEPHALOMYELITIS, ALLERGIC, enzymology/ ENGLISH ABSTRACT/ GUINEA PIGS/ MODELS, BIOLOGICAL/ *PEPTIDE HYDROLASES, metabolism

1789. **Dieter RA Jr, Asselmeier GH, McCray RM:** Surgery and anticoagulation therapy.
Ill Med J 144:205-7 passim, Sep 73
ANTICOAGULANTS, administration & dosage/ *ANTICOAGULANTS, therapeutic use/ EVALUATION STUDIES/ HUMAN/ POSTOPERATIVE CARE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PREOPERATIVE CARE/ *THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, prevention & control

1790. **Dieterich RA, Van Pelt RW, Galster WA:** Diet-induced cholesteremia and atherosclerosis in wild rodents.
Atherosclerosis 17:345-52, May-Jun 73
AGE FACTORS/ ANIMAL EXPERIMENTS/ AORTA, pathology/ *ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, pathology/ BODY WEIGHT/ *CHOLESTEROL, DIETARY/ CORONARY VESSELS, pathology/ *DIETARY FATS, adverse effects/ DISEASE MODELS, ANIMAL/ FATTY LIVER, etiology/ FATTY STREAK, ARTERIAL, etiology/ *HYPERCHOLESTEREMIA, etiology/ HYPERCHOLESTEREMIA, pathology/ MICE/ MYOCARDIUM, pathology/ *RODENT DISEASES, etiology/ RODENTS/ SPECIES SPECIFICITY/ TIME FACTORS

1791. **Dietrich CP, Silva ME, Michelacci YM:** Sequential degradation of heparin in Flavobacterium heparinum. Purification and properties of five enzymes involved in heparin degradation.
J Biol Chem 248:6408-15, 25 Sep 73
CATIONS, DIVALENT/ CATIONS, MONOVALENT/ CHROMATOGRAPHY, PAPER/ DISACCHARIDES/ ELECTROPHORESIS/ ELECTROPHORESIS, PAPER/ *FLAVOBACTERIUM, enzymology/ GEL FILTRATION/ GLUCOSAMINE/ GLUCURONIDASE/ *GLYCOSIDE HYDROLASES, isolation & purification/ GLYCOSIDE HYDROLASES, metabolism/ HEPARIN/ *HEPARIN, metabolism/ KINETICS/ OLIGOSACCHARIDES, analysis/ OSMOLAR CONCENTRATION/ POLYSACCHARIDES/ *SULFATASES, isolation & purification/ SULFATASES, metabolism/ SULFUR ISOTOPES/ SULFURIC ACIDS/ TIME FACTORS

1792. **Dietrich SL:** Modern management of hemophilia and its implications for educational programs.
J Sch Health 43:81-3, Feb 73
CHILD/ CHILD, PRESCHOOL/ EDUCATION, SPECIAL/ HEMOPHILIA, rehabilitation/ *HEMOPHILIA, therapy/ HUMAN/ MALE/ *SCHOOL HEALTH

1793. **Dietz AA, Rubinstein HM:** Serum gold. I. Estimation by atomic absorption spectroscopy.
Ann Rheum Dis 32:124-7, Mar 73
ACTIVATION ANALYSIS/ ARTHRITIS, RHEUMATOID, drug therapy/ AUROTHIOGLUCOSE, blood/ AUROTHIOGLUCOSE, therapeutic use/ COMPARATIVE STUDY/ FIBRIN/ *GOLD, blood/ GOLD THIOMALATE, blood/ GOLD THIOMALATE, therapeutic use/ HUMAN/ METHODS/ PLASMA/

SPECTROPHOTOMETRY, ATOMIC ABSORPTION/ TIME FACTORS/ VISCOSITY/ WATER

1794. **Dietze F, Ahlert G, Kamaliddin K, et al:** Die exkretorische Pankreasfunktion unter geriatrischen Aspekten. Z Alternsforsch 25:397-402, 1972 (Ger)
ADULT/ AGE FACTORS/ AGED/ AMYLASE, analysis/ BICARBONATES, analysis/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INTUBATION, GASTROINTESTINAL/ LIPASE, analysis/ MIDDLE AGE/ PANCREAS, drug effects/ *PANCREAS, secretion/ PANCREATIC JUICE, enzymology/ PANCREOZYMIN, pharmacodynamics/ PEPTIDE HYDROLASES, analysis/ SECRETIN, pharmacodynamics

1795. **Diezel W, Nissler K, Heilmann W, et al:** Evidence for adsorbed proteolytic activity on isolated yeast phosphofructokinase. FEBS Lett 27:195-7, 1 Nov 72
ADENOSINE TRIPHOSPHATE/ AMMONIUM SULFATE/ CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DRUG STABILITY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FRUCTOSEPHOSPHATES/ GEL FILTRATION/ ISOENZYMES, isolation & purification/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ *PHOSPHOFRUCTOKINASE, isolation & purification/ *SACCHAROMYCES CEREVISIAE, enzymology/ SODIUM DODECYL SULFATE

1796. **Digilio G, Marzetti G, Del Principe D, et al:** Manifestazioni emorragiche neonatali dell'emofilia. Minerva Pediatr 24:1131-3, 14 Aug 72 (Ita)
BLOOD COAGULATION FACTORS/ HEMATOMA, etiology/ *HEMOPHILIA/ HEMOPHILIA, classification/ *HEMORRHAGE, etiology/ HUMAN/ INFANT/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ MALE

1797. **Dijkman JH, Borghans JG, Savelberg PJ, et al:** Allergic bronchial reactions to inhalation of enzymes of Bacillus subtilis. Am Rev Respir Dis 107:387-94, Mar 73
ADULT/ AEROSOLS/ *BACILLUS SUBTILIS, enzymology/ *BRONCHI, immunology/ DETERGENTS/ ENVIRONMENTAL EXPOSURE/ GEL DIFFUSION TESTS/ HUMAN/ MALE/ OCCUPATIONAL DISEASES, diagnosis/ *OCCUPATIONAL DISEASES, etiology/ OCCUPATIONAL DISEASES, immunology/ *PEPTIDE HYDROLASES, adverse effects/ RESPIRATORY HYPERSENSITIVITY, diagnosis/ *RESPIRATORY HYPERSENSITIVITY, etiology/ SKIN TESTS

1798. **Dilenge D, Héon M, Metzger J:** Selective spinal angiography in multiple CNS lesions. J Can Assoc Radiol 24:178-83, Jun 73
ADOLESCENCE/ ADULT/ *ANGIOGRAPHY/ *ANGIOMATOSIS, radiography/ ANGIOSARCOMA, radiography/ ARTERIES, radiography/ *ARTERIOVENOUS FISTULA, radiography/ *ARTERIOVENOUS MALFORMATIONS, radiography/ BRAIN, blood supply/ *BRAIN NEOPLASMS, radiography/ FEMALE/ HEMANGIOMA, radiography/ HUMAN/ MALE/ MEDULLA OBLONGATA, radiography/ MENINGEAL ARTERIES, radiography/ MIDDLE AGE/ *MYELOGRAPHY/ SPINAL CORD, blood supply/ *SPINAL CORD NEOPLASMS, radiography/ SYRINGOMYELIA, radiography/ VERTEBRAL ARTERY, radiography

1799. **Dillard MG, Dujovne I, Pollak VE, et al:** The effect of treatment with prednisone and nitrogen mustard on the renal lesions and life span of patients with lupus glomerulonephritis. Nephron 10:273-91, 1973
ADOLESCENCE/ ADULT/ AUTOPSY/ BIOPSY/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ DRUG SYNERGISM/ FEMALE/ FIBRINOGEN, analysis/ GLOMERULONEPHRITIS, complications/ *GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, etiology/ HUMAN/ IGA, analysis/ IGG, analysis/ IGM, analysis/ IMMUNOSUPPRESSION/ KIDNEY, cytology/ KIDNEY, immunology/ KIDNEY FAILURE, ACUTE, etiology/ LIFE EXPECTANCY/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ MALE/ *MECHLORETHAMINE, therapeutic use/ MICROSCOPY, ELECTRON/ *PREDNISONE, therapeutic use

1800. **Dillon ML, Scott SM, Vasquez MD, et al:** Tissue response to an arterial substitute of bovine origin. Arch Surg 105:577-81, Oct 72
ANIMAL EXPERIMENTS/ *ARTERIES, transplantation/ BIODEGRADATION/ BLOOD VESSEL PROSTHESIS/ CAROTID ARTERIES, transplantation/ COLLAGEN/ FATTY STREAK, ARTERIAL, etiology/ *GRAFT REJECTION/ HUMAN/ MICROSCOPY, ELECTRON/ TIME FACTORS/ *TRANSPLANTATION, HETEROLOGOUS

1801. **DiMagno EP, Go VL, Summerskill WH:** Relations between pancreatic enzyme ouputs and malabsorption in severe pancreatic insufficiency. N Engl J Med 288:813-5, 19 Apr 73
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ AMINO ACIDS, pharmacodynamics/ CHOLECYSTOKININ, administration & dosage/ CHOLECYSTOKININ, pharmacodynamics/ CHRONIC DISEASE/ DUODENUM/ FATS, analysis/ FECES, analysis/ FEMALE/ HUMAN/ INFUSIONS, PARENTERAL/ *LIPASE, secretion/ MALE/ MIDDLE AGE/ NITROGEN, analysis/ PANCREAS, secretion/ *PANCREATITIS, complications/ PANCREATITIS, enzymology/ PANCREOZYMIN, administration & dosage/ PANCREOZYMIN, pharmacodynamics/ PERFUSION/ SPRUE, enzymology/ *SPRUE, etiology/ STIMULATION, CHEMICAL/ *TRYPSIN, secretion

1802. **DiMagno EP, Go VL, Summerskill HJ:** Intraluminal and postabsorptive effects of amino acids on pancreatic enzyme secretion. J Lab Clin Med 82:241-8, Aug 73
ADULT/ AMINO ACIDS, metabolism/ *AMINO ACIDS, pharmacodynamics/ BIOPSY/ *CHOLECYSTOKININ, secretion/ COMPARATIVE STUDY/ DUODENUM, drug effects/ DUODENUM, enzymology/ GLUCAGON, blood/ GLUCAGON, secretion/ HUMAN/ ILEUM, drug effects/ ILEUM, enzymology/ JEJUNUM, drug effects/ JEJUNUM, enzymology/ MALE/ METHODS/ MIDDLE AGE/ *PANCREAS, drug effects/ PANCREAS, enzymology/ *PANCREOZYMIN, secretion/ PERFUSION/ PROTEIN HYDROLYSATES, pharmacodynamics/ TRYPSIN

1803. **Dimitrov DI:** Avtoantitela i avtoimunni sindromi. Vutr Boles 12:1-7, 1973 (46 ref.) (Bul)
ADDISON'S DISEASE, immunology/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, immunology/ ANEMIA, PERNICIOUS, immunology/ ANTIGEN-ANTIBODY REACTIONS/ ARRHYTHMIA, immunology/ ARTHRITIS, RHEUMATOID, immunology/ *AUTOANTIBODIES/ *AUTOIMMUNE DISEASES, immunology/ CHRONIC DISEASE/ COLITIS, ULCERATIVE, immunology/ CRYOGLOBULINS/ ENGLISH ABSTRACT/ GOITER, EXOPHTHALMIC, immunology/ GOODPASTURE'S SYNDROME, immunology/ HEPATITIS, immunology/ HUMAN/ HYPERPARATHYROIDISM, immunology/ IMMUNE TOLERANCE/ IMMUNITY/ IMMUNITY, CELLULAR/ MYXEDEMA, immunology/ REVIEW/ RHEUMATIC HEART DISEASE, immunology/ SJOGREN'S SYNDROME, immunology/ THROMBOPENIA, immunology/ THYROIDITIS, LYMPHOMATOUS, immunology

1804. **Dimitrow L, Oreschkow W, Nikolow T, et al:**

Radiometrische Indizes und Splenektomie bei der leberform der essentiellen Thrombopenie.
Blut 26:134-40, Feb 73 (Ger)
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ BLOOD PLATELETS/ CHROMIUM ISOTOPES/ ENGLISH ABSTRACT/ FEMALE/ HALF-LIFE/ HEART, pathology/ HUMAN/ KIDNEY, pathology/ LIVER, pathology/ LIVER DISEASES, drug therapy/ LIVER DISEASES, pathology/ *LIVER DISEASES, surgery/ PROGNOSIS/ PURPURA, THROMBOPENIC, drug therapy/ PURPURA, THROMBOPENIC, pathology/ *PURPURA, THROMBOPENIC, surgery/ RADIOISOTOPE SCANNING/ RECURRENCE/ SPLEEN, pathology/ *SPLENECTOMY

1805. Dimopoulos C, Pefanis G, Doicas, et al: La place de la néphrectomie partielle dans le traitement de la lithiase rénale (à propos de 34 cas.
J Urol Nephrol (Paris) 78:159-67, Mar 72 (Fre)
ENGLISH ABSTRACT/ HEMATURIA, etiology/ HEMOSTASIS/ HUMAN/ *KIDNEY CALCULI, surgery/ KIDNEY PELVIS, surgery/ *NEPHRECTOMY/ POSTOPERATIVE COMPLICATIONS/ RECURRENCE

1806. Dine ME, Guay AT, Snyder LM: Hyperviscosity syndrome with IgA myeloma.
Am J Med Sci 264:111-5, Aug 72
AGED/ BLOOD COAGULATION TESTS/ BLOOD PROTEIN ELECTROPHORESIS/ BLOOD PROTEINS, analysis/ *BLOOD VISCOSITY/ CLOT RETRACTION/ FEMALE/ HEMATOCRIT/ HEMORRHAGE, complications/ HUMAN/ *IGA/ IGA, analysis/ IGG, analysis/ IGM, analysis/ IMMUNOELECTROPHORESIS/ LEUKOCYTE COUNT/ MULTIPLE MYELOMA, blood/ *MULTIPLE MYELOMA, complications/ MULTIPLE MYELOMA, immunology/ PLASMAPHERESIS/ RETINAL DISEASES, complications/ RETINAL HEMORRHAGE, complications/ SYNDROME/ ULTRACENTRIFUGATION

1807. Dingman RO: Severe bleeding during and after face-lifting operations under general anesthesia.
Plast Reconstr Surg 50:608, Dec 72
*ANESTHESIA, INTRATRACHEAL, adverse effects/ *FACE, surgery/ HEMATOMA, etiology/ *HEMORRHAGE, etiology/ HUMAN/ *POSTOPERATIVE COMPLICATIONS/ *SURGERY, PLASTIC/ VOMITING, complications

1808. Dinsmore RE, Jang GC: Roentgen diagnosis of aortic disease.
Prog Cardiovasc Dis 16:151-85, Sep-Oct 73 (109 ref.)
ADULT/ AORTA, ABDOMINAL/ AORTA, THORACIC/ AORTA, THORACIC, injuries/ AORTIC ANEURYSM, complications/ AORTIC ANEURYSM, congenital/ AORTIC ANEURYSM, radiography/ AORTIC ARCH SYNDROMES, radiography/ AORTIC COARCTATION, radiography/ *AORTIC DISEASES, radiography/ AORTIC RUPTURE, complications/ AORTIC RUPTURE, radiography/ AORTOGRAPHY/ AORTOGRAPHY, adverse effects/ AORTOGRAPHY, mortality/ ARTERIAL OCCLUSIVE DISEASES, radiography/ ARTERIOSCLEROSIS, radiography/ CINEANGIOGRAPHY/ DILATATION/ FEMALE/ HEMATOMA/ HUMAN/ MALE/ NECROSIS/ REVIEW/ SYPHILIS

1809. Dinstl K, Schiessel R: Indikation und Ergebnisse der Relaparotomie beim postoperativen Ileus.
Bruns Beitr Klin Chir 220:419-28, Jul 73 (Ger)
ADHESIONS/ AGE FACTORS/ AGED/ COLON/ ENGLISH ABSTRACT/ HUMAN/ ILEUM/ INTESTINAL OBSTRUCTION, complications/ INTESTINAL OBSTRUCTION, diagnosis/ INTESTINAL OBSTRUCTION, radiography/ *INTESTINAL OBSTRUCTION, surgery/ MIDDLE AGE/ PARALYTIC ILEUS, surgery/ PERITONITIS, complications/ POSTOPERATIVE COMPLICATIONS/ PROGNOSIS

1810. Dintenfass L: ESR and aggregation of red cells after addition of fructose or glucose. Effect of ABO blood groups.
Med J Aust 2:425-9, 19 Aug 72
*ABO FACTORS/ ADULT/ AGED/ *BLOOD SEDIMENTATION/ BLOOD VISCOSITY/ CELL AGGREGATION, drug effects/ DEPRESSION, CHEMICAL/ DIABETES MELLITUS, blood/ *ERYTHROCYTES, drug effects/ *FRUCTOSE, pharmacodynamics/ *GLUCOSE, pharmacodynamics/ HEMATOCRIT/ HUMAN/ HYPERTONIC SOLUTIONS/ ISOTONIC SOLUTIONS/ MIDDLE AGE/ SODIUM CHLORIDE, pharmacodynamics

1811. Dintenfass L: The role of ABO blood groups in blood rheology of cardiovascular disorders.
Angiology 24:442-53, Jul-Aug 73
*ABO FACTORS/ ADRENERGIC ALPHA RECEPTOR BLOCKADERS, pharmacodynamics/ ADRENERGIC BETA RECEPTOR BLOCKADERS, pharmacodynamics/ ADULT/ AGED/ ANTIHYPERTENSIVE AGENTS, pharmacodynamics/ ARTERIOSCLEROSIS, blood/ BLOOD COAGULATION, drug effects/ *BLOOD VISCOSITY/ BLOOD VISCOSITY, drug effects/ *CARDIOVASCULAR DISEASES, blood/ CARDIOVASCULAR DISEASES, etiology/ DIABETES MELLITUS, blood/ FEMALE/ HUMAN/ HYPERTENSION, blood/ KIDNEY FAILURE, ACUTE, blood/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, blood/ RAYNAUD'S DISEASE, blood/ *RHEOLOGY/ TIME FACTORS/ VASODILATOR AGENTS, pharmacodynamics

1812. Dintenfass L, Milton GW: Blood viscosity factors and prognosis in malignant melanoma. Effect of abo blood groups.
Med J Aust 1:1091-4, 2 Jun 73
*ABO FACTORS/ ADULT/ AGED/ BLOOD SEDIMENTATION/ *BLOOD VISCOSITY/ FEMALE/ FIBRINOGEN, analysis/ HUMAN/ MALE/ MELANOMA, blood/ *MELANOMA, diagnosis/ MELANOMA, mortality/ MIDDLE AGE/ NEOPLASM METASTASIS/ PROGNOSIS/ SERUM ALBUMIN, analysis

1813. Dioguardi N: Le piastrinopenie.
Minerva Med 63:4983-96, 19 Dec 72 (Ita)
AUTOANTIBODIES/ AUTOIMMUNE DISEASES, complications/ BLOOD PLATELET DISORDERS, classification/ BLOOD PLATELET DISORDERS, immunology/ BLOOD TRANSFUSION, adverse effects/ DIAGNOSIS, DIFFERENTIAL/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ HEMANGIOMA, complications/ HUMAN/ HYPERSPLENISM, complications/ INFECTION, complications/ ISOANTIBODIES/ NEOPLASMS, complications/ *PURPURA, THROMBOPENIC, etiology/ PURPURA, THROMBOTIC THROMBOPENIC, etiology/ *THROMBOPENIA/ THROMBOPENIA, chemically induced/ THROMBOPENIA, immunology/ VIRUS DISEASES, complications

1814. Dioguardi N, Mari D, Del Ninno E, et al: Fibrinolysis in cholestatic jaundice. Br Med J 2:778-9, 30 Jun 73
BLOOD COAGULATION TESTS/ *FIBRINOLYSIS/ HUMAN/ *JAUNDICE, blood/ JAUNDICE, drug therapy/ THROMBIN/ THROMBOEMBOLISM, complications/ VITAMIN K, therapeutic use

1815. Diomede-Fresa V, Salamanna S, Restuccia P, et al: Sul ricambio dei solfomucopolisaccaridi cartilaginei in ratti surrenalectomizzati e trattati con escina.
Arch Sci Med (Torino) 129:145-9, Jul-Sep 72 (Ita)
*ADRENALECTOMY/ *AESCULUS, pharmacodynamics/ ANIMAL EXPERIMENTS/ *CARTILAGE, metabolism/ ENGLISH ABSTRACT/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ *MUCOPOLYSACCHARIDES, metabolism/ RATS

1816. DiPalma JR: Drug interactions.
Am Fam Physician 7:140-1, Feb 73
ACID-BASE EQUILIBRIUM, drug effects/ ANTIDEPRESSIVE AGENTS, metabolism/ ANTIHYPERTENSIVE AGENTS, metabolism/

*DRUG INTERACTIONS/ HEPARIN, antagonists & inhibitors/ HUMAN/ INTESTINAL ABSORPTION, drug effects/ KIDNEY, drug effects/ KIDNEY TUBULES, metabolism/ MICROSOMES, LIVER, enzymology/ MONOAMINE OXIDASE, metabolism/ PHENOBARBITAL, metabolism/ PROTAMINES, pharmacodynamics/ PROTEIN BINDING, drug effects/ RECEPTORS, DRUG

1817. **Di Sant'Agnese PA:** Cystic fibrosis (mucoviscidosis).
Am Fam Physician 7:102-11, Mar 73
*CYSTIC FIBROSIS/ CYSTIC FIBROSIS, complications/ CYSTIC FIBROSIS, diagnosis/ CYSTIC FIBROSIS, familial & genetic/ CYSTIC FIBROSIS, mortality/ CYSTIC FIBROSIS, therapy/ FEMALE/ HUMAN/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, diagnosis/ INTESTINAL OBSTRUCTION, etiology/ LUNG DISEASES, OBSTRUCTIVE, etiology/ MALE/ MECONIUM/ PREGNANCY/ PROGNOSIS/ RECTAL PROLAPSE, etiology/ SWEAT, analysis/ TRYPSIN, analysis

1818. **Dix DE, Straus DB:** DNA helix stability. I. Differential stabilization by counter cations.
Arch Biochem Biophys 152:299-310, Sep 72
CALCIUM/ CATIONS, DIVALENT/ CATIONS, MONOVALENT/ COLIPHAGES/ DNA/ DNA, VIRAL/ DRUG STABILITY/ GUANIDINES/ LITHIUM/ MATHEMATICS/ MODELS, CHEMICAL/ NUCLEIC ACID CONFORMATION/ *NUCLEIC ACID DENATURATION/ OSMOLAR CONCENTRATION/ PROTAMINES/ SALMON/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SPERMATOZOA/ STRONTIUM/ TEMPERATURE

1819. **Dixon FJ:** Immune complex diseases.
J Invest Dermatol 59:413-5, Dec 72
ANIMAL EXPERIMENTS/ *ANTIGEN-ANTIBODY COMPLEX/ BLOOD PLATELETS, immunology/ COMPLEMENT/ DISEASE MODELS, ANIMAL/ GLOMERULONEPHRITIS, immunology/ HUMAN/ IMMUNE COMPLEX DISEASE, immunology/ IMMUNOGLOBULINS/ *IMMUNOLOGIC DISEASES, immunology/ IMMUNOLOGIC TECHNICS/ INFLAMMATION, immunology/ LEUKOCYTES, immunology/ LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ RABBITS/ SERUM SICKNESS, immunology

1820. **Dixon GH:** The basic proteins of trout testis chromatin: aspects of their synthesis, post-synthetic modifications and binding to DNA.
Acta Endocrinol [Suppl] (Kbh) 168:130-54, 1972
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CELLS, CULTURED/ CHROMATIN, analysis/ *CHROMATIN, metabolism/ CHROMATOGRAPHY/ *DNA, metabolism/ ELECTROPHORESIS, STARCH GEL/ FEMALE/ HISTOLOGICAL TECHNICS/ *HISTONES, metabolism/ HUMAN/ METHODS/ MICE/ MITOSIS/ NUCLEOPROTEINS, isolation & purification/ NUCLEOPROTEINS, metabolism/ PHOSPHORUS ISOTOPES/ *PROTAMINES, metabolism/ SALMONIDAE/ SPERMATOGENESIS/ *SPERMATOZOA, metabolism/ TESTIS/ TIME FACTORS

1821. **Djerassi I:** Platelet transfusions and supportive care. A requirement for currently effective chemotherapy.
JAMA 222:1172-3, 27 Nov 72
*BLOOD PLATELETS/ *BLOOD TRANSFUSION/ HUMAN/ LEUKEMIA, drug therapy/ *LEUKEMIA, therapy

1822. **Djindjian R, Cophignon J, Théron J, et al:** L'embolisation en neuro-radiologie vasculaire. Technique et indications à propos de 30 cas.
Nouv Presse Med 1:2153-8, 23 Sep 72 (Fre)
ANGIOGRAPHY/ *ARTERIOVENOUS MALFORMATIONS, therapy/ BONE MARROW, blood supply/ *BRAIN NEOPLASMS, therapy/ CATHETERIZATION/ *CEREBRAL ANEURYSM, therapy/ *CEREBROVASCULAR DISORDERS, therapy/ ENGLISH ABSTRACT/ *HEMANGIOMA, therapy/ HUMAN/ METHODS/ NEOPLASM METASTASIS/ *NEOPLASMS, VASCULAR TISSUE, therapy/ NOSE NEOPLASMS, therapy/ PARANASAL SINUS NEOPLASMS, therapy/ SILICONE ELASTOMERS/ *SPINAL CORD NEOPLASMS, therapy/ TONGUE NEOPLASMS, therapy

1823. **Dobbie JG, Kwaan HC, Colwell JA, et al:** The role of platelets in pathogenesis of diabetic retinopathy.
Trans Am Acad Ophthalmol Otolaryngol 77:op43-7, Jan-Feb 73
ARTHRITIS, RHEUMATOID, drug therapy/ ASPIRIN, therapeutic use/ *BLOOD PLATELET DISORDERS, complications/ DIABETIC RETINOPATHY, diagnosis/ DIABETIC RETINOPATHY, drug therapy/ *DIABETIC RETINOPATHY, etiology/ DIABETIC RETINOPATHY, physiopathology/ FLUORESCENCE ANGIOGRAPHY/ HUMAN/ PLATELET ADHESIVENESS

1824. **Dobos P, Martin EM:** Virus-specific polypeptides in ascites cells infected with encephalomyocarditis virus.
J Gen Virol 17:197-212, Nov 72
AMINO ACIDS, metabolism/ AUTORADIOGRAPHY/ CARBON ISOTOPES/ CARCINOMA, KREBS 2/ CELL FRACTIONATION/ CELLS, CULTURED/ DACTINOMYCIN, pharmacodynamics/ DENSITOMETRY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ENCEPHALOMYOCARDITIS VIRUSES, analysis/ ENCEPHALOMYOCARDITIS VIRUSES, growth & development/ ENCEPHALOMYOCARDITIS VIRUSES, metabolism/ MICE/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDES, analysis/ PEPTIDES, biosynthesis/ PROTEIN PRECURSORS, analysis/ SULFUR ISOTOPES/ *VIRAL PROTEINS, analysis/ VIRAL PROTEINS, biosynthesis

1825. **Dobréva A, Ghénova V:** Particularités ultrastructurelles et fonctionelles des plaquettes chez des malades de leucose blastique.
Folia Haematol (Leipz) 99:65-75, 1973 (Fre)
ACUTE DISEASE/ BLOOD CELL COUNT/ BLOOD PLATELET DISORDERS, complications/ *BLOOD PLATELETS/ ENGLISH ABSTRACT/ HUMAN/ *LEUKEMIA, blood/ LEUKEMIA, complications/ MICROSCOPY, ELECTRON/ THROMBOPENIA, complications

1826. **Dobrova NB, Labakhua TSh, Shurkalina TKh:** O roli biopotentsialov v protsesse vnutrisosudistogo tromboobrazovaniia.
Eksp Khir Anesteziol 17:36-9, Sep-Oct 72 (Rus)
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ *BLOOD VESSELS, physiology/ DOGS/ ELECTRIC STIMULATION/ ENGLISH ABSTRACT/ IN VITRO/ *MEMBRANE POTENTIALS/ *THROMBOSIS, physiopathology

1827. **Dobson KJ:** Coumatetralyl poisoning in pigs and effectiveness of vitamin K1.
Aust Vet J 49:98-100, Feb 73
ANIMAL EXPERIMENTS/ *COUMARINS, poisoning/ COUMARINS, toxicity/ FEMALE/ INJECTIONS, INTRAMUSCULAR/ *RODENTICIDES, poisoning/ RODENTICIDES, toxicity/ SWINE/ SWINE DISEASES, chemically induced/ *SWINE DISEASES, drug therapy/ VITAMIN K, administration & dosage/ *VITAMIN K, therapeutic use

1828. **Dockray GJ, Pickering AD:** The influence of the gonad on the degeneration of the intestine in migrating river lampreys: Lampetra fluviatilis L. (Cyclostomata).
Comp Biochem Physiol [A] 43:279-86, 1 Oct 72
ANIMAL EXPERIMENTS/ ATROPHY/ BODY WEIGHT/ CASTRATION/ CHOLECYSTOKININ, metabolism/ CHYMOTRYPSIN, analysis/ *CYCLOSTOMES/ FEMALE/ FRESH WATER/

INTESTINES, anatomy & histology/ INTESTINES, enzymology/ *INTESTINES, growth & development/ INTESTINES, physiopathology/ MALE/ MICROSCOPY/ ORGAN WEIGHT/ *OVARY, physiology/ STAINS AND STAINING/ *TESTIS, physiology/ TIME FACTORS/ TRYPSIN, analysis

1829. **Dodd K: Angiostrongylus vasorum (Baillet, 1866) infestation in a greyhound kennels.**
Vet Rec 92:195-7, 24 Feb 73
ANIMAL EXPERIMENTS/ ANTHELMINTICS, therapeutic use/ AUSCULTATION, veterinary/ BLOOD COAGULATION DISORDERS, veterinary/ *DOG DISEASES/ DOGS/ FEMALE/ LARVA, isolation & purification/ LUNG, radiography/ MALE/ PARASITE EGG COUNT/ THIAZOLES, therapeutic use/ TRICHOSTRONGYLOIDIASIS/ TRICHOSTRONGYLOIDIASIS, drug therapy/ *TRICHOSTRONGYLOIDIASIS, veterinary

1830. **Dodman B, Cunliffe WJ, Roberts BE, et al: Effects of changes in temperature (local and central) on plasma fibrinolytic activity.** J Clin Pathol 26:248-9, Apr 73
ADOLESCENCE/ ADULT/ ARM/ *BODY TEMPERATURE/ COLD/ EMOTIONS/ FEMALE/ *FIBRINOLYSIS/ HEAT/ HUMAN/ MALE/ MIDDLE AGE/ STRESS

1831. **Dodman B, Cunliffe WJ, Roberts BE, et al: Clinical and laboratory double-blind investigation on effect of fibrinolytic therapy in patients with cutaneous vasculitis.** Br Med J 2:82-4, 14 Apr 73
ADOLESCENCE/ ADULT/ AGED/ ANTIGENS/ BLOOD COAGULATION TESTS/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ ETHYLESTRENOL, pharmacodynamics/ *ETHYLESTRENOL, therapeutic use/ FEMALE/ FIBRIN/ FIBRINOGEN/ FIBRINOLYSIS, drug effects/ HUMAN/ MALE/ MIDDLE AGE/ PHENFORMIN, pharmacodynamics/ *PHENFORMIN, therapeutic use/ *SKIN DISEASES, drug therapy/ STANOZOLOL, pharmacodynamics/ *STANOZOLOL, therapeutic use/ *VASCULAR DISEASES, drug therapy

1832. **Dodman B, Cunliffe WJ, Roberts BE: Observations on tissue fibrinolytic activity in patients with cutaneous vasculitis.** Br J Dermatol 88:231-5, Mar 73
ADOLESCENCE/ ADULT/ AGED/ ARTERITIS, physiopathology/ BEHCET'S SYNDROME, physiopathology/ ERYTHEMA NODOSUM, physiopathology/ FEMALE/ *FIBRINOLYSIS/ FIBROSITIS, physiopathology/ HUMAN/ MALE/ MIDDLE AGE/ PURPURA, physiopathology/ SKIN, blood supply/ SKIN DISEASES, blood/ *SKIN DISEASES, physiopathology/ VASCULAR DISEASES, blood/ *VASCULAR DISEASES, physiopathology

1833. **Doe FD, Shuangshoti S, Netsky MG: Cryptic hemangioma of the choroid plexus. A cause of intraventricular hemorrhage.**
Neurology (Minneap) 22:1232-9, Dec 72
BRAIN, pathology/ BRAIN NEOPLASMS, pathology/ *CEREBRAL ARTERIOVENOUS MALFORMATIONS, complications/ CEREBRAL ARTERIOVENOUS MALFORMATIONS, pathology/ *CEREBRAL HEMORRHAGE, etiology/ CEREBRAL HEMORRHAGE, pathology/ *CHOROID PLEXUS/ CHOROID PLEXUS, pathology/ FEMALE/ *HEMANGIOMA, complications/ HEMANGIOMA, pathology/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ MALE/ MIDDLE AGE

1834. **Doench K, Frischkorn R, Rosenow U: Die Peritoneographie mit Urovison vor der Radiogoldapplikation.**
Fortschr Geb Roentgenstr Nuklearmed 118:413-7, 1973 (Ger)
ADHESIONS, radiography/ ADOLESCENCE/ ADULT/ AGED/ *DIATRIZOATE, diagnostic use/ ENGLISH ABSTRACT/ FEMALE/ FLUOROSCOPY/ GOLD COLLOID, RADIOACTIVE/ HUMAN/ INJECTIONS, INTRAPERITONEAL/ METHODS/ MIDDLE AGE/ OVARIAN NEOPLASMS, radiography/ OVARIAN NEOPLASMS, radiotherapy/ PERITONEAL CAVITY, radiography/ *PERITONEUM, radiography

1835. **Doggett RG, Harrison GM: Cystic fibrosis: in vitro reversal of the ciliostatic character or serum and salivary secretions by heparin.**
Nature [New Biol] 243:251-2, 20 Jun 73
AMYLASE, analysis/ AMYLASE, blood/ ANTIGENS, analysis/ BIOLOGICAL ASSAY/ *BLOOD, drug effects/ BLOOD CHEMICAL ANALYSIS/ CILIA/ *CYSTIC FIBROSIS/ CYSTIC FIBROSIS, blood/ CYSTIC FIBROSIS, enzymology/ *HEPARIN, pharmacodynamics/ IMMUNOELECTROPHORESIS/ OYSTERS/ PAROTID GLAND/ *SALIVA, drug effects/ SALIVA, enzymology/ SALIVA, immunology/ TISSUE EXTRACTS, analysis

1836. **Doggett RG, Harrison GM, Patrick TA: Cystic fibrosis: in vivo reversal of the ciliostatic character of serum and parotid secretions by heparin.**
Nature [New Biol] 243:250-1, 20 Jun 73
AMYLASE, analysis/ AMYLASE, blood/ BIOLOGICAL ASSAY/ BLOOD COAGULATION/ CILIA/ *CYSTIC FIBROSIS/ CYSTIC FIBROSIS, blood/ *HEPARIN, pharmacodynamics/ HUMAN/ OYSTERS/ PAROTID GLAND, enzymology/ PAROTID GLAND, secretion/ *SALIVA, drug effects

1837. **Dohmen M: Die Schockbehandlung des Schwerverletzten.**
Langenbecks Arch Chir 329:503-9, Dec 71 (Ger)
ADRENERGIC ALPHA RECEPTOR BLOCKADERS, therapeutic use/ ADRENERGIC BETA RECEPTOR AGONISTS, therapeutic use/ ANGIOTENSIN AMIDE, therapeutic use/ BLOOD PRESSURE/ BLOOD TRANSFUSION/ CARDIAC GLYCOSIDES, therapeutic use/ CENTRAL VENOUS PRESSURE/ ENGLISH ABSTRACT/ ERGOT ALKALOIDS, HYDROGENATED, therapeutic use/ GERMANY, WEST/ HEPARIN, therapeutic use/ HUMAN/ IATROGENIC DISEASE/ INFUSIONS, PARENTERAL/ INTENSIVE CARE UNITS/ NOREPINEPHRINE, therapeutic use/ OXYGEN CONSUMPTION/ PULSE/ SHOCK, HEMORRHAGIC, diagnosis/ *SHOCK, HEMORRHAGIC, therapy/ SHOCK, TOXIC, etiology/ SHOCK, TOXIC, therapy/ *SHOCK, TRAUMATIC, therapy/ STREPTOKINASE, therapeutic use

1838. **Doig RL, Thomas ML: Haemangioma of the knee joint.**
J Cardiovasc Surg (Torino) 13:620-2, Nov-Dec 72
ANGIOGRAPHY/ CASE REPORT/ CHILD/ *HEMANGIOMA, radiography/ HEMANGIOMA, surgery/ HUMAN/ KNEE, blood supply/ *KNEE JOINT/ MALE/ *SYNOVIAL MEMBRANE

1839. **Doleschel W: Die Anwendung neuer Methoden für Untersuchungen auf dem Gebiet der Blutgerinnung. 3. Geldiffusionsmethode zur quantitativen Erfassung der Gesamt-Antithrombin-Kapazität des Plasmas.**
Wien Med Wochenschr 122:601-6, 14 Oct 72 (Ger)
*ANTITHROMBIN, blood/ BLOOD COAGULATION TESTS/ GEL DIFFUSION TESTS/ HUMAN/ METHODS

1840. **Dolesobel W: Die Anwendung neuer Methoden für Untersuchungen auf dem Gebiet der Blutgerinnung. II. Clot-Sedimentations=Technik zur Klärung der Antithrombin I-von Fibrin.**
Wien Med Wochenschr 122:585-90, 7 Oct 72 (Ger)
*ANTITHROMBIN, physiology/ *BLOOD COAGULATION TESTS/ BLOOD SEDIMENTATION/ *FIBRIN, physiology/ FIBRINOGEN, physiology/ GEL DIFFUSION TESTS/ HUMAN/ METHODS/ THROMBIN, analysis

1841. **Dolidze DA, Petrova IS: Razdelenie proteaz Actinomyces fradiae 119 metodom izoélektricheskogo fokusirovaniia.**

Dokl Akad Nauk SSSR 209:224-6, Mar-Apr 73 (Rus)
ELECTROPHORESIS, DISK/ ISOELECTRIC FOCUSING/ *PEPTIDE HYDROLASES, isolation & purification/ *STREPTOMYCES, enzymology

1842. **Dollery CT:** Enzyme induction.
Br J Anaesth 44:961-6, Sep 72 (25 ref.)
ANESTHETICS, metabolism/ ANIMAL EXPERIMENTS/ BARBITURATES, metabolism/ BIOTRANSFORMATION/ CYTOCHROME P-450, metabolism/ DRUGS, blood/ *DRUGS, metabolism/ ENDOPLASMIC RETICULUM, metabolism/ *ENZYME INDUCTION/ ETHERS, CYCLIC, biosynthesis/ HEPATITIS, TOXIC, etiology/ HUMAN/ HYDROCARBONS, HALOGENATED, metabolism/ MICROSOMES, LIVER, metabolism/ OXIDATION-REDUCTION/ REVIEW/ TOXICOLOGY/ VARIATION (GENETICS)/ WARFARIN, metabolism

1843. **Dombrose FA, Yasui T, Roubal Z, et al:** Ac-globulin (Factor V): preparation of a practical product.
Prep Biochem 2:381-96, 1972
ADSORPTION/ AMMONIUM SULFATE/ BARIUM/ BLOOD PRESERVATION/ BLOOD PROTEINS, analysis/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ COLD/ DIALYSIS/ *FACTOR V, isolation & purification/ FILTRATION/ METHODS

1844. **Domingo Albós A, Domenech Mateu MD, Rius Garriga J, et al:** Effectos in vivo del cetoglutarato de imidazol sobre el funcionalismo plaquetario. Estudio realizado en enfermos con infarto de miocardio.
Rev Esp Cardiol 26:123-8, 1973 (Spa)
ADMINISTRATION, ORAL/ *ANTICOAGULANTS/ *BLOOD PLATELETS, drug effects/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ HUMAN/ IMIDAZOLES, administration & dosage/ IMIDAZOLES, adverse effects/ *IMIDAZOLES, therapeutic use/ KETOGLUTARIC ACID, administration & dosage/ KETOGLUTARIC ACID, adverse effects/ *KETOGLUTARIC ACID, therapeutic use/ *MYOCARDIAL INFARCT, drug therapy/ *PLATELET ADHESIVENESS, drug effects

1845. **Dommergues JP, Odievre M, Buffe D, et al:** Synthèse prolongée d'alpha-1-foeto-protéine chez deux frères atteints de "tyrosinose congénitale".
Arch Fr Pediatr 29:737-44, Aug-Sep 72 (Fre)
*ALPHA GLOBULIN, biosynthesis/ *AMINO ACID METABOLISM, INBORN ERRORS/ AMINO ACID METABOLISM, INBORN ERRORS, complications/ ENGLISH ABSTRACT/ FACTOR V DEFICIENCY/ FEMALE/ *FETAL GLOBULINS, biosynthesis/ HEPATOMA, complications/ HEPATOMA, diagnosis/ HEPATOMEGALY/ HUMAN/ INFANT/ INFANT, NEWBORN/ LIVER, enzymology/ LIVER, metabolism/ LIVER NEOPLASMS, complications/ LIVER NEOPLASMS, diagnosis/ MALE/ METHIONINE, metabolism/ *TYROSINE, metabolism

1846. **Domnişoru L, Donea E, Tîrjoianu E:** Valoarea comparativă a titrului ASLO şi ASK în glomerulonefritele hipertensive.
Rev Med Chir Soc Med Nat Iasi 77:249-54, Apr-Jun 73 (Rum)
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGE FACTORS/ *ANTISTREPTOLYSIN, blood/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ GLOMERULONEPHRITIS, complications/ *GLOMERULONEPHRITIS, diagnosis/ GLOMERULONEPHRITIS, etiology/ HUMAN/ *HYPERTENSION, RENAL, diagnosis/ HYPERTENSION, RENAL, etiology/ MALE/ STREPTOCOCCAL INFECTIONS, complications/ *STREPTOKINASE, antagonists & inhibitors

1847. **Domschke W, Goebell H, Rick W, et al:** Funktionsdiagnostik des exokrinen Pankreas.
Leber Magen Darm 2:91-2, Apr 72 (Ger)
AMYLASE, analysis/ BICARBONATES, analysis/ CHYMOTRYPSIN, analysis/ ENGLISH ABSTRACT/ HUMAN/ LIPASE, analysis/ *PANCREATIC DISEASES, diagnosis/ PANCREATIC DISEASES, enzymology/ *PANCREATIC JUICE, analysis/ PANCREATIC JUICE, secretion/ SECRETIN, pharmacodynamics/ STIMULATION, CHEMICAL/ TRYPSIN, analysis

1848. **Domula M, Weissbach G, Lenk H:** Das Nicolau-Syndrom nach Benzathinpenizillin. Ein Uberblick an Hand von 5 eigenen Beobachtungen.
Kinderaerztl Prax 40:437-48, Oct 72 (Ger)
ADOLESCENCE/ BISMUTH, adverse effects/ CHILD, PRESCHOOL/ EMBOLISM, drug therapy/ *EMBOLISM, etiology/ FEMALE/ HEARING DISORDERS, chemically induced/ HEPARIN, therapeutic use/ HUMAN/ INFANT/ INJECTIONS, INTRAMUSCULAR, adverse effects/ MALE/ *PENICILLIN G, BENZATHINE, adverse effects/ SHOCK, etiology/ STREPTOKINASE, therapeutic use/ SYNDROME/ VERTIGO, chemically induced/ VISION DISORDERS, chemically induced

1849. **Donal KJ:** The role of platelets in the clearance of colloidal carbon from blood in rabbits: a light and electron microscope study.
Pathology 4:295-301, Oct 72
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, physiology/ CAPILLARIES/ *CARBON, blood/ CELL MEMBRANE/ COLLOIDS/ FEMALE/ FIBRIN/ INJECTIONS, INTRAVENOUS/ KIDNEY, cytology/ LIVER, cytology/ LUNG, cytology/ MACROPHAGES/ MALE/ MICROSCOPY, ELECTRON/ *PHAGOCYTOSIS/ PSEUDOPODIA/ RABBITS/ SPLEEN, cytology

1850. **Donald D:** Malignant haemangio-endothelioma associated with congenital adrenal hyperplasia.
J Pathol 109:361-3, Apr 73
*ADRENAL GLAND NEOPLASMS, complications/ ADRENAL GLAND NEOPLASMS, pathology/ *ADRENOGENITAL SYNDROME, complications/ ADRENOGENITAL SYNDROME, pathology/ ENDOTHELIUM/ FEMALE/ *HEMANGIOENDOTHELIOMA, complications/ HEMANGIOENDOTHELIOMA, pathology/ HUMAN/ MIDDLE AGE

1851. **Donald KJ:** An electron-microscope study of defibrination during carbon clearance in rabbits stimulated by a tubercle bacillary lipid.
J Pathol 108:329-33, Dec 72
ANIMAL EXPERIMENTS/ BLOOD PLATELETS/ *CARBON, metabolism/ CELL MEMBRANE/ *FIBRIN/ INJECTIONS, INTRAVENOUS/ *KIDNEY, pathology/ *LIPIDS, pharmacodynamics/ *LIVER, pathology/ MALE/ MICROSCOPY, ELECTRON/ PHAGOCYTOSIS/ PLATELET ADHESIVENESS/ RABBITS/ RETICULOENDOTHELIAL SYSTEM, pathology/ *SPLEEN, pathology

1852. **Donald KJ:** The mechanism of enhanced clearance of colloidal carbon from the blood of rabbits stimulated with a tubercle bacillary lipid.
J Pathol 108:97-104, Oct 72
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, metabolism/ CAPILLARIES, cytology/ *CARBON, blood/ CARBON, metabolism/ CELL MEMBRANE, metabolism/ CELLULAR INCLUSIONS/ COLLOIDS/ KIDNEY GLOMERULUS, blood supply/ KUPFFER CELLS, metabolism/ *LIPIDS, pharmacodynamics/ LIVER, cytology/ LIVER, metabolism/ MACROPHAGES, metabolism/ MICROSCOPY, ELECTRON/ *MYCOBACTERIUM TUBERCULOSIS/ PHAGOCYTOSIS, drug effects/ PLATELET ADHESIVENESS, drug effects/ PULMONARY ALVEOLI, blood supply/ RABBITS/ *RETICULOENDOTHELIAL SYSTEM, drug effects/ STIMULATION, CHEMICAL

1853. **Donald KJ:** The kinetics of carbon clearance in rabbits stimulated by a tubercle bacillary lipid. A statistical model for carbon clearance studies.
Br J Exp Pathol 53:560-9, Oct 72
ANIMAL EXPERIMENTS/ BINDING SITES/

BLOOD PLATELETS/ *CARBON, metabolism/ CELL MEMBRANE/ COLLOIDS/ DYES, metabolism/ FEMALE/ INJECTIONS, INTRAVENOUS/ KINETICS/ LIPIDS, administration & dosage/ *LIPIDS, pharmacodynamics/ MACROPHAGES/ MALE/ METABOLIC CLEARANCE RATE/ MODELS, BIOLOGICAL/ *MYCOBACTERIUM TUBERCULOSIS/ PHAGOCYTOSIS/ RABBITS/ SEX FACTORS/ STIMULATION, CHEMICAL/ TIME FACTORS

1854. **Donald KJ, Whitaker AN, Bunce IH:** The mechanism of renal glomerular capillary retention of carbon in disseminated intravascular coagulation.
Am J Pathol 70:245-52, Feb 73
AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS/ *CAPILLARIES, metabolism/ CAPILLARIES, pathology/ CARBON, administration & dosage/ *CARBON, metabolism/ COLLOIDS/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *DISSEMINATED INTRAVASCULAR COAGULATION, metabolism/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ ENDOTHELIUM, pathology/ EPINEPHRINE, administration & dosage/ EPINEPHRINE, pharmacodynamics/ FIBRIN/ FIBRINOLYSIS, drug effects/ INJECTIONS, INTRA-ARTERIAL/ INJECTIONS, INTRAVENOUS/ *KIDNEY GLOMERULUS, blood supply/ KIDNEY GLOMERULUS, pathology/ MICROSCOPY, ELECTRON/ RABBITS/ THROMBIN, administration & dosage

1855. **Donat H:** Immunelektrophoretische Zervixschleimanalysen.
Zentralbl Gynaekol 95:327-32, 9 Mar 73 (Ger)
ALBUMINS, analysis/ BETA GLOBULIN, analysis/ *CERVIX MUCUS, immunology/ FEMALE/ GEL DIFFUSION TESTS/ HUMAN/ IGG, analysis/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ OVULATION/ PLASMINOGEN, analysis/ TRANSFERRIN, analysis

1856. **Donat H:** Bestimmung des Konzeptionsoptimums unter besonderer Berücksichtigung der Veränderungen im Zervikalsekret.
Zentralbl Gynaekol 95:561-73, 27 Apr 73 (Ger)
BIOPSY/ BLOOD PLATELETS/ BODY TEMPERATURE/ *CERVIX MUCUS, analysis/ CYTODIAGNOSIS/ ENDOMETRIUM, pathology/ FEMALE/ *FERTILIZATION/ HUMAN/ OSMOTIC PRESSURE/ *OVULATION/ SERUM ALBUMIN/ TIME FACTORS/ VISCOSITY

1857. **Donatelli L, Marmo E:** Emorragie digestive da farmaci e loro trattamento. Clin Ter 62:305-58, 31 Aug 72 (Ita)
ADRENAL CORTEX HORMONES, adverse effects/ ANALGESICS AND ANTIPYRETICS, adverse effects/ ANTIBODIES, adverse effects/ ANTICOAGULANTS, adverse effects/ ANTIHYPERTENSIVE AGENTS, adverse effects/ ANTINEOPLASTIC AGENTS, adverse effects/ ANTITUBERCULAR AGENTS, adverse effects/ CATHARTICS, adverse effects/ DIURETICS, adverse effects/ *DRUG THERAPY, adverse effects/ *HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HEMORRHAGE, GASTROINTESTINAL, therapy/ HUMAN/ SALICYLATES, adverse effects

1858. **Donati MB, De Gaetano G, Vermylen J, et al:** Reni ed emostasi. I. Significato della presenza di materiale fibrinogeno-simile nelle malattie renali immunologiche e nelle crisi di rigetto dei trapianti renali. Clin Ter 63:407-23, 15 Dec 72 (Ita)
ACUTE DISEASE/ ANTIGEN-ANTIBODY COMPLEX/ CHRONIC DISEASE/ *FIBRINOGEN, analysis/ *GLOMERULONEPHRITIS, immunology/ *GRAFT REJECTION/ *HEMOSTASIS/ HISTOCOMPATIBILITY ANTIGENS/ HUMAN/ *KIDNEY, transplantation/ *PROTEINURIA, immunology/ TRANSPLANTATION, HOMOLOGOUS

1859. **Donati MB, Palester-Chlebowczyk M, De Gaetano G, et al:** Platelet factor-4--properties and clinical significance. Adv Exp Med Biol 34:173-89, 1972
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ASPIRIN, pharmacodynamics/ BLOOD COAGULATION/ *BLOOD COAGULATION FACTORS/ *BLOOD PLATELETS/ BLOOD PLATELETS, drug effects/ FIBRIN, urine/ FREEZING/ GLOMERULONEPHRITIS, blood/ *HEPARIN ANTAGONISTS/ HUMAN/ INDOMETHACIN, pharmacodynamics/ MICROCIRCULATION/ SEROTONIN, secretion

1860. **Donati MB, Palester-Chlebowczyk M, De Gaetano G, et al:** Platelet factor-4--methods of study.
Adv Exp Med Biol 34:295-308, 1972
ADENOSINE DIPHOSPHATE/ *BLOOD COAGULATION FACTORS, analysis/ *BLOOD PLATELETS/ FEMALE/ FIBRINOGEN/ FREEZING/ HEPARIN/ *HEPARIN ANTAGONISTS, analysis/ HUMAN/ MALE/ METHODS/ PLATELET ADHESIVENESS/ SURFACE-ACTIVE AGENTS/ THROMBIN/ THROMBOPLASTIN

1861. **Donati MB, Vandenberghe K, Molla A, et al:** Postoperative antithrombin. 3.
Lancet 1:726-7, 31 Mar 73
ADULT/ AGED/ *ANTITHROMBIN, analysis/ FEMALE/ HUMAN/ *HYSTERECTOMY/ METHODS/ MIDDLE AGE/ POSTOPERATIVE CARE/ PREOPERATIVE CARE/ PROGNOSIS/ THROMBOSIS, diagnosis

1862. **Donati MB, Vermylen J:** F.D.P.
Lancet 2:1082-3, 18 Nov 72
*FIBRIN, analysis/ *FIBRINOGEN, analysis/ HUMAN/ METHODS

1863. **Donato JO:** Massive gastrointestinal bleeding due to hemangioma of ileum.
NY State J Med 72:2786-8, 15 Nov 72
ANGIOGRAPHY/ FEMALE/ *HEMANGIOMA, complications/ HEMANGIOMA, pathology/ *HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ *ILEUM/ ILEUM, pathology/ *INTESTINAL NEOPLASMS, complications/ INTESTINAL NEOPLASMS, pathology/ MIDDLE AGE

1864. **Donlon J, Fottrell PF:** Studies on substrate specificities and subcellular location of multiple forms of peptide hydrolases in guinea-pig intestinal mucosa.
Comp Biochem Physiol [B] 41:181-93, 15 Jan 72
ANIMAL EXPERIMENTS/ CELL NUCLEUS, enzymology/ CHLOROMERCURIBENZOATES/ DIPEPTIDASES, isolation & purification/ DIPEPTIDES/ EDTA/ ELECTROPHORESIS, STARCH GEL/ GUINEA PIGS/ INTESTINAL MUCOSA, cytology/ *INTESTINAL MUCOSA, enzymology/ LEUCINE AMINOPEPTIDASE, isolation & purification/ LYSOSOMES, enzymology/ MICROSOMES, enzymology/ MITOCHONDRIA, enzymology/ OLIGOPEPTIDES/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, isolation & purification/ STRUCTURE-ACTIVITY RELATIONSHIP/ *SUBCELLULAR FRACTIONS, enzymology

1865. **Donnelly TE Jr, Kuo JF, Miyamoto E, et al:** Protein kinase modulator from lobster tail muscle. II. Effects of the modulator on holoenzyme and catalytic subunit of guanosine 3',5'-monophosphate-dependent and adenosine 3',5'-monophosphate-dependent protein kinases. J Biol Chem 248:199-203, 10 Jan 73
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ ANIMAL EXPERIMENTS/ BRAIN, enzymology/ CATTLE/ COBALT/ ENZYME ACTIVATION/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE/ HISTONES/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LOBSTERS/ MACROMOLECULAR SYSTEMS/ MAGNESIUM/ MANGANESE/ *MUSCLE PROTEINS/ *MUSCLES, enzymology/ MYOCARDIUM, enzymology/ PHOSPHORUS ISOTOPES/ *PHOSPHOTRANSFERASES/ PROTAMINES/ PROTEIN KINASE, antagonists & inhibitors/ STRUCTURE-ACTIVITY RELATIONSHIP

1866. **Donner L:** Dozirovka i laboratornyĭ kontrol' pri trombolitícheskoĭ terapii streptokinazoĭ.
Kardiologiia 12:36-9, Nov 72 (Rus)
ACUTE DISEASE/ ARTERIES/ BISHYDROXYCOUMARIN, therapeutic use/ ENGLISH ABSTRACT/ FEMORAL ARTERY/ FEMORAL VEIN/ HEPARIN, therapeutic use/ HUMAN/ ILIAC VEIN/ LEG, blood supply/ *MYOCARDIAL INFARCT, drug therapy/ *PULMONARY EMBOLISM, drug therapy/ RETINAL ARTERY/ *STREPTOKINASE, administration & dosage/ THROMBOPHLEBITIS, drug therapy/ *THROMBOSIS, drug therapy

1867. **Donner L, Housková J:** Some properties of blood platelets in animal species.
Folia Haematol (Leipz) 98:296-302, 1972
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CATTLE/ COLLAGEN, pharmacodynamics/ DOGS/ EPINEPHRINE, pharmacodynamics/ GLYCOGEN, metabolism/ GUINEA PIGS/ HUMAN/ *PLATELET ADHESIVENESS, drug effects/ RABBITS/ RATS/ SWINE/ THROMBIN, pharmacodynamics

1868. **Donoghue HD:** Properties and comparative starch-gel electrophoresis of megacins from several Bacillus megaterium strains. J Gen Microbiol 72:473-83, Oct 72
*BACILLUS MEGATERIUM, analysis/ *BACTERIOCINS, analysis/ BACTERIOCINS, antagonists & inhibitors/ CHROMATOGRAPHY/ CHYMOTRYPSIN, pharmacodynamics/ ELECTROPHORESIS, STARCH GEL/ HEAT/ MOLECULAR WEIGHT/ MURAMIDASE, pharmacodynamics/ PAPAIN, pharmacodynamics/ PEPSIN, pharmacodynamics/ TRYPSIN, pharmacodynamics

1869. **Donovan AJ, Michaelian MJ, Yellin AE:** Anatomical hepatic lobectomy in trauma to the liver.
Surgery 73:833-47, Jun 73 (45 ref.)
ABDOMINAL INJURIES, complications/ ADULT/ ARTERIOVENOUS SHUNT, SURGICAL/ COMMON BILE DUCT, surgery/ DEBRIDEMENT/ DRAINAGE/ FEMALE/ GALLBLADDER, surgery/ HEMORRHAGE, GASTROINTESTINAL, surgery/ HEMOSTASIS/ *HEPATECTOMY/ HEPATECTOMY, mortality/ HEPATIC VEINS, injuries/ HUMAN/ HYPOTHERMIA, INDUCED/ LIGATION/ *LIVER, injuries/ LIVER, surgery/ LIVER FUNCTION TESTS/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ POSTOPERATIVE COMPLICATIONS, mortality/ PROGNOSIS/ REVIEW/ SURGICAL WOUND INFECTION, prevention & control/ WOUNDS, GUNSHOT, complications

1870. **Donskaia EL:** Izmeneniia vnutrennikh zhenskikh polovykh organov pri leĭkozakh. Obzor literatury.
Akush Ginekol (Mosk) 49:54-8, Jan 73 (Rus)
ADULT/ AGED/ BLOOD COAGULATION DISORDERS/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ GYNECOLOGIC DISEASES, blood/ *GYNECOLOGIC DISEASES, complications/ GYNECOLOGIC DISEASES, diagnosis/ HEMORRHAGE, POSTPARTUM, etiology/ HUMAN/ *LEUKEMIA, complications/ LEUKEMIA, diagnosis/ MENSTRUATION DISORDERS/ METRORRHAGIA, etiology/ MIDDLE AGE/ PREGNANCY/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, blood/ REVIEW/ UTERINE NEOPLASMS, diagnosis/ VAGINAL SMEARS

1871. **Doobeta T, Suzuki H:** [Hashimoto's disease with purpura hyperglobulinemica of Waldenström]
Jap J Clin Hematol 13:966-75, Dec 72 (Jap)
BLOOD COAGULATION TESTS/ BLOOD PROTEIN ELECTROPHORESIS/ BLOOD SEDIMENTATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MIDDLE AGE/ PURPURA, HYPERGLOBULINEMIC, blood/ *PURPURA, HYPERGLOBULINEMIC, complications/ THYROIDITIS, LYMPHOMATOUS, blood/ *THYROIDITIS, LYMPHOMATOUS, complications

1872. **Doolittle RF, Cassman KG, Chen R, et al:** Correlation of the mode of fibrin polymerization with the pattern of cross-linking. Ann NY Acad Sci 202:114-26, 8 Dec 72
AMINO ACID SEQUENCE/ *AMINO ACIDS/ AMINO ACIDS, analysis/ *BLOOD COAGULATION/ CATTLE/ CHEMISTRY/ DISULFIDES/ *FIBRIN/ FIBRIN, analysis/ GEL FILTRATION/ GLUTAMINE/ HUMAN/ LYSINE/ MODELS, CHEMICAL/ MODELS, STRUCTURAL/ *PEPTIDES/ PEPTIDES, analysis/ POLYMERS/ PROTEIN CONFORMATION/ SOLUBILITY/ SPECIES SPECIFICITY/ TRYPSIN

1873. **Doonan S, Doonan HJ, Riva F, et al:** The primary structure of aspartate aminotransferase from pig heart muscle. Partial sequences determined by digestion with pepsin and trypsi trypsin.
Biochem J 130:443-52, Nov 72
ALKYLATION/ AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ *ASPARTATE AMINOTRANSFERASE, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ *MYOCARDIUM, enzymology/ PEPSIN/ PEPTIDES, analysis/ SWINE/ TRYPSIN

1874. **Doouss TW, Brown P:** The effects of vagotomy on the human pancreas: preliminary communication.
NZ Med J 77:229-32, Apr 73
DUODENAL ULCER, enzymology/ DUODENAL ULCER, physiopathology/ DUODENAL ULCER, surgery/ *DUODENUM/ FOOD/ HUMAN/ *INTESTINAL SECRETIONS, enzymology/ MALE/ MIDDLE AGE/ PANCREAS, innervation/ *PANCREAS, physiopathology/ PREGNANCY/ PROSPECTIVE STUDIES/ PYLORUS, surgery/ *TRYPSIN, analysis/ *VAGOTOMY/ VAGUS NERVE, physiology

1875. **Dopheide TA:** The primary structure of a protein, component 0.62, rich in glycine and aromatic residues, obtained from wool keratin.
Eur J Biochem 34:120-4, 2 Apr 73
AMINO ACID SEQUENCE/ AUTOANALYSIS/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ ELECTROPHORESIS, PAPER/ GLYCINE, analysis/ *KERATIN, analysis/ PEPTIDES, analysis/ PHENYLALANINE, analysis/ SHEEP/ THERMOLYSIN/ TRYPSIN/ TRYPTOPHAN, analysis/ TYROSINE, analysis/ *WOOL, analysis

1876. **Doran FS:** Small doses of subcutaneous heparin and postoperative deep venous thrombosis.
Lancet 1:42-3, 6 Jan 73
*HEPARIN, administration & dosage/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOPHLEBITIS, prevention & control

1877. **Dorf ME, Eguro SY, Dawson JR, et al:** Cross-reactions of HL-A antibodies. II. Continuous pH gradient elution. J Immunol 109:681-5, Oct 72
ABSORPTION/ *ANTIBODY DISSOCIATION/ BLOOD PLATELETS, immunology/ *CROSS REACTIONS/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ GLASS/ *HISTOCOMPATIBILITY/ HUMAN/ *HYDROGEN-ION CONCENTRATION/ IMMUNE SERUMS/ *ISOANTIBODIES/ NYLON/ RESINS

1878. **Dorf ME, Toth EK, Balner H:** Cross-reactions of HL-A antibodies. V. Relationship between the human HL-A11 and chimpanzee ChW-11 specificities.
Tissue Antigens 2:461-72, 1972
ABSORPTION/ ANTIBODY DISSOCIATION/ ANTIGENIC DETERMINANTS/ BLOOD PLATELETS, immunology/ CHIMPANZEES/ CROSS REACTIONS/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ *HISTOCOMPATIBILITY ANTIGENS/ HUMAN/ HYDROGEN-ION

CONCENTRATION/ IMMUNE SERUMS/ IMMUNIZATION, SECONDARY/ *ISOANTIBODIES/ LEUKOCYTES, immunology/ MONKEYS/ SKIN, transplantation/ SPECIES SPECIFICITY/ TRANSPLANTATION, HOMOLOGOUS

1879. **Dormandy JA, Edelman JB:** High blood viscosity: an aetiological factor in venous thrombosis.
Br J Surg 60:187-90, Mar 73
ADULT/ AGED/ *BLOOD VISCOSITY/ FEMALE/ FIBRINOGEN, diagnostic use/ HEMATOCRIT/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, etiology/ *THROMBOPHLEBITIS, etiology

1880. **Dormandy JA, Hoare E, Kenefick J, et al:** Measurement and interpretation of blood viscosity.
Proc R Soc Med 65:891, Oct 72
*BLOOD VISCOSITY/ CORONARY DISEASE, diagnosis/ DIABETES MELLITUS, diagnosis/ HUMAN/ INTERMITTENT CLAUDICATION, diagnosis/ THROMBOPHLEBITIS, diagnosis

1881. **Dorogi J, Tasnádi G:** Gyermeksebészeti szempontok a kültakaró haemangiomáinak kezelésében.
Orv Hetil 113:2522-5, 15 Oct 72 (Hun)
ANGIOGRAPHY/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HEMANGIOMA, radiotherapy/ HEMANGIOMA, surgery/ *HEMANGIOMA, therapy/ *HEMANGIOMA, CAVERNOUS, therapy/ HUMAN/ INFANT/ MALE/ *SKIN NEOPLASMS, therapy

1882. **Dorovska VN, Varfolomeyev SD, Kazanskaya NF, et al:** The influence of the geometric properties of the active centre on the specificity of -chymotrypsin catalysis. FEBS Lett 23:122-4, 1 Jun 72
ACYLATION/ AMINO ACIDS/ CATALYSIS/ *CHYMOTRYPSIN/ HYDROLYSIS/ KINETICS/ STRUCTURE-ACTIVITY RELATIONSHIP

1883. **Dorph S, Folke K:** Complications in translumbar aortography. A comparison of direct needle puncture and aortic catheterisation.
Acta Radiol [Diagn] (Stockh) 12:750-6, Nov 72
ABSCESS, etiology/ ADOLESCENCE/ ADULT/ AGED/ AORTA, ABDOMINAL/ *AORTOGRAPHY, adverse effects/ AORTOGRAPHY, mortality/ BACKACHE, etiology/ *CATHETERIZATION, adverse effects/ COMPARATIVE STUDY/ DRUG HYPERSENSITIVITY/ FEMALE/ HEMATOMA, etiology/ HUMAN/ *INJECTIONS, INTRAVENOUS, adverse effects/ INJECTIONS, INTRAVENOUS, mortality/ IOTHALAMIC ACID, administration & dosage/ IOTHALAMIC ACID, adverse effects/ MALE/ MIDDLE AGE/ POLYTETRAFLUOROETHYLENE/ RETROPERITONEAL SPACE

1884. **Dorrington KJ, Bennich H, Turner MW:** Conformational studies on subfragments from the Fc region of human immunoglobulin G.
Biochem Biophys Res Commun 47:512-6, 28 Apr 72
CIRCULAR DICHROISM/ ELECTROPHORESIS/ GEL FILTRATION/ HUMAN/ *IGG, analysis/ *IMMUNOGLOBULINS, FC, analysis/ PAPAIN/ PROTEIN CONFORMATION/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPSIN

1885. **Dorrington KJ, Hofmann T:** Effects of ionic strength on the circular dichroism spectrum of chymotrypsin.
Can J Biochem 51:1059-65, Jul 73
ACETATES/ CHEMISTRY/ CHLORIDES/ *CHYMOTRYPSIN/ *CHYMOTRYPSINOGEN/ CIRCULAR DICHROISM/ FLUORINE/ ISOLEUCINE/ KINETICS/ LITHIUM/ MACROMOLECULAR SYSTEMS/ NITRIC OXIDE/ OSMOLAR CONCENTRATION/ PHOSPHONIC ACIDS/ PHOSPHORIC ACIDS/ SODIUM/ SODIUM CHLORIDE/ TRYPTOPHAN/ ULTRACENTRIFUGATION/ ULTRAVIOLET RAYS

1886. **Dorson WJ Jr, Pizziconi VB, Voorhees ME, et al:** Initial trials of a molecular separation artificial kidney.
Trans Am Soc Artif Intern Organs 19:109-18, 1973
ANIMAL EXPERIMENTS/ BLOOD FLOW VELOCITY/ BLOOD PRESSURE/ BLOOD UREA NITROGEN/ CELLULOSE/ CHARCOAL/ CREATININE, blood/ DIALYSIS/ FEMALE/ HEPARIN, administration & dosage/ *KIDNEY, ARTIFICIAL/ KIDNEY, ARTIFICIAL, instrumentation/ MATHEMATICS/ MEMBRANES, ARTIFICIAL/ MOLECULAR WEIGHT/ NEPHRECTOMY/ POTASSIUM, blood/ SERUM ALBUMIN, BOVINE/ SHEEP/ ULTRAFILTRATION

1887. **Doshi HV, Shah SS:** Proinsulin.
Indian J Med Sci 26:558-63, Sep 72 (32 ref.)
ADIPOSE TISSUE, drug effects/ AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ ANTIGENIC DETERMINANTS/ BINDING SITES, ANTIBODY/ CATTLE/ HUMAN/ IMMUNOASSAY/ IN VITRO/ INSULIN, biosynthesis/ ISLANDS OF LANGERHANS, metabolism/ ISLET CELL TUMOR, metabolism/ MUSCLES, drug effects/ *PROINSULIN/ PROINSULIN, analysis/ PROINSULIN, biosynthesis/ PROINSULIN, blood/ PROINSULIN, pharmacodynamics/ PROINSULIN, urine/ PROTEIN CONFORMATION/ REVIEW/ RIBOSOMES, metabolism/ SPECIES SPECIFICITY/ SWINE/ TRYPSIN

1888. **Dosne AM:** Rôle de l'adrénaline dans l'activation de la fibrinolyse consécutive au choc.
J Physiol (Paris) 65:Suppl 1:115A, 1972 (Fre)
ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS/ COMPARATIVE STUDY/ DOGS/ *EPINEPHRINE, pharmacodynamics/ *FIBRINOLYSIS, drug effects/ *HISTAMINE, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ *SHOCK, blood

1889. **Dosne AM:** Importance du choc dans l'activation de la fibrinolyse déclenchée par l'injection de sang incompatible chez le chien. Influence d'une hypotension préalable.
C R Soc Biol (Paris) 165:2299-304, 1971 (Fre)
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD GROUP INCOMPATIBILITY/ BLOOD PRESSURE DETERMINATION/ *BLOOD TRANSFUSION, adverse effects/ DOGS/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HEPARIN, analysis/ *HYPOTENSION, CONTROLLED/ PLASMINOGEN, antagonists & inhibitors/ RABBITS/ RATS/ SERUM GLOBULINS, analysis/ SHOCK, blood/ SHOCK, HEMORRHAGIC, blood/ THROMBELASTOGRAPHY/ TIME FACTORS

1890. **Dosne AM:** Hémolyse immunologique réalisée in vitro. Répercussions thrombélastographiques.
C R Soc Biol (Paris) 166:1253-5, 1972 (Fre)
ANIMAL EXPERIMENTS/ DOGS/ ERYTHROCYTES/ *HEMOLYSIS/ IN VITRO/ RATS/ *THROMBELASTOGRAPHY

1891. **Doss JD, Edwards WS, McCabe CW:** A new electrosurgical coagulating-cutting forceps.
Surgery 74:449-51, Sep 73
BLOOD COAGULATION/ ELECTRODES/ ELECTRONICS, MEDICAL/ *ELECTROSURGERY, instrumentation/ SURGICAL INSTRUMENTS

1892. **Dosseva D:** Simptomatichna gingivalna khemorgiia pri uremiia.
Stomatologiia (Sofiia) 54:318-21, Jul-Aug 72 (Bul)
GINGIVA, physiopathology/ HEMORRHAGIC DIATHESIS, etiology/ ORAL MANIFESTATIONS/ SPECIAL LIST DENTAL/ UREMIA, complications

1893. **Dostal JP, Chauvet J, Acher R:** Purification partielle d'une enzyme de type trypsine produite par Streptomyces paromomycinus (paromotrypsine.
C R Acad Sci [D] (Paris) 276:217-20, 8 Jan 73 (Fre)
ACETONE/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/

METHODS/ MOLECULAR WEIGHT/ *PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ PRECIPITATION/ *STREPTOMYCES, enzymology/ TRYPSIN, analysis/ TRYPSIN, antagonists & inhibitors/ *TRYPSIN, isolation & purification/ TRYPSIN INHIBITORS, pharmacodynamics

1894. **Dotchev D, Liappis N, Hungerland H:** Geschlechtsspezifische Unterschiede der Serumproteine bei Erwachsenen und Einfluss der oralen hormonellen Kontrazeptiva auf das Serumeiweissbild.
Clin Chim Acta 44:431-5, 30 Mar 73 (Ger)
ADOLESCENCE/ ADULT/ *BLOOD PROTEINS, analysis/ CERULOPLASMIN, analysis/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ GLYCOPROTEINS, blood/ HAPTOGLOBINS, analysis/ HEMOPEXIN, analysis/ HUMAN/ IGA, analysis/ IGD, analysis/ IGG, analysis/ IGM, analysis/ LIPOPROTEINS, LDL, blood/ MACROGLOBULINS, analysis/ MALE/ MIDDLE AGE/ MUCOPROTEINS, blood/ SERUM ALBUMIN, analysis/ SERUM GLOBULINS, analysis/ SEX FACTORS/ TRANSFERRIN, analysis/ TRYPSIN INHIBITORS, blood

1895. **Doty DB, Kongtahworn C, Ehrenhaft JL:** Control of proximal subclavian arterial injury with internal shunt catheter. Ann Thorac Surg 15:285-6, Mar 73
CAROTID ARTERIES/ *CATHETERIZATION/ CEREBROVASCULAR CIRCULATION/ *HEMOSTASIS/ HUMAN/ INNOMINATE ARTERY/ LIGATION/ METHODS/ *SUBCLAVIAN ARTERY, injuries

1896. **Douglas AS, Ogston D:** Clinical physiology of the fibrinolytic enzyme system.
J Clin Pathol 25:615-8, Jul 72
BLOOD COAGULATION/ BODY WEIGHT/ EXERTION/ FACTOR XIII/ FEMALE/ *FIBRINOLYSIN/ FIBRINOLYSIN, antagonists & inhibitors/ *FIBRINOLYSIS/ FIBRINOLYTIC AGENTS/ HUMAN/ OBESITY, enzymology/ *PLASMINOGEN/ PLASMINOGEN, antagonists & inhibitors/ PREGNANCY/ REVIEW/ STRESS, PSYCHOLOGICAL, enzymology

1897. **Douglas C, Nowak J, Danes BS:** Mucopolysaccharides in urine during normal human development.
Pediatr Res 7:724-7, Aug 73
ADOLESCENCE/ ADULT/ AGE FACTORS/ CARBOHYDRATE METABOLISM, INBORN ERRORS, urine/ CHILD/ CHILD, PRESCHOOL/ CHONDROITIN, urine/ ELECTROPHORESIS/ FEMALE/ HEPARIN, urine/ HUMAN/ INFANT/ INFANT, NEWBORN/ LIPOCHONDRODYSTROPHY, urine/ MALE/ MENTAL RETARDATION, urine/ MUCOPOLYSACCHARIDES, metabolism/ *MUCOPOLYSACCHARIDES, urine/ PUBERTY/ RETINITIS PIGMENTOSA, urine/ SEX FACTORS/ SYNDROME

1898. **Douglas ID, Price LA:** Bone-marrow toxicity of methotrexate: a reassessment.
Br J Haematol 24:625-31, May 73
ADMINISTRATION, ORAL/ BLOOD PLATELETS/ BONE MARROW CELLS/ *BONE MARROW DISEASES, chemically induced/ CHILD/ HEMOGLOBINOMETRY/ HUMAN/ INJECTIONS, INTRA-ARTERIAL/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, INTRAVENOUS/ LEUKEMIA, LYMPHOBLASTIC, drug therapy/ LEUKOCYTE COUNT/ METHOTREXATE, administration & dosage/ *METHOTREXATE, adverse effects/ MODELS, BIOLOGICAL/ REGENERATION/ TIME FACTORS

1899. **Dow JD:** Retrograde phlebography in major pulmonary embolism. Lancet 2:407-9, 25 Aug 73
ADULT/ AGED/ CATHETERIZATION/ CONTRAST MEDIA/ FEMALE/ FEMORAL VEIN, radiography/ FEMORAL VEIN, surgery/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ ILIAC VEIN, radiography/ LIGATION/ MALE/ METHODS/ MIDDLE AGE/ *PHLEBOGRAPHY/ PULMONARY ARTERY, radiography/ PULMONARY EMBOLISM, drug therapy/ *PULMONARY EMBOLISM, radiography/ PULMONARY EMBOLISM, surgery/ THROMBOEMBOLISM, radiography/ VENA CAVA, INFERIOR, radiography

1900. **Downer DN, Rogers HW, Randall CC:** Endogenous protein kinase and phosphate acceptor proteins in vaccinia virus. Virology 52:13-21, Mar 73
ADENOSINE TRIPHOSPHATE, metabolism/ DITHIOTHREITOL, pharmacodynamics/ ELECTRON TRANSPORT/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HISTONES, metabolism/ HYDROGEN-ION CONCENTRATION/ MAGNESIUM, pharmacodynamics/ MOLECULAR WEIGHT/ OXIDATIVE PHOSPHORYLATION/ PEPTIDES, analysis/ PHOSPHOPROTEINS, analysis/ PHOSPHOPROTEINS, biosynthesis/ PHOSPHORUS ISOTOPES, metabolism/ *PHOSPHOTRANSFERASES, analysis/ PHOSPHOTRANSFERASES, antagonists & inhibitors/ PROTAMINES, metabolism/ SURFACE-ACTIVE AGENTS, pharmacodynamics/ *VACCINIA VIRUS, analysis/ VACCINIA VIRUS, drug effects/ VACCINIA VIRUS, enzymology/ VACCINIA VIRUS, metabolism/ *VIRAL PROTEINS, analysis/ VIRAL PROTEINS, biosynthesis

1901. **Downs JB, Rackstein AD, Klein EF Jr, et al:** Hazards of radial-artery catheterization.
Anesthesiology 38:283-6, Mar 73
ADOLESCENCE/ ADULT/ AGED/ ANGIOGRAPHY/ *ARTERIES/ *CATHETERIZATION, adverse effects/ CHILD/ CHILD, PRESCHOOL/ CONTRAST MEDIA/ *EMBOLISM, etiology/ FEMALE/ HEPARIN/ HUMAN/ IRRIGATION/ MALE/ MIDDLE AGE/ *RADIUS, blood supply/ REGIONAL BLOOD FLOW/ *THROMBOSIS, etiology

1902. **Drabikowski W, Dabrowska R, Baryzko B:** Properties of troponin and its constituents.
Acta Biochim Pol 20:181-99, 1973
ACTIN, metabolism/ ACTINOMYCIN, metabolism/ ADENOSINE TRIPHOSPHATASE, metabolism/ CALCIUM/ CHROMATOGRAPHY, ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ *MUSCLE PROTEINS, MUSCLE PROTEINS, metabolism/ MYOFIBRILS, enzymology/ MYOSIN, metabolism/ SULFHYDRYL COMPOUNDS/ TROPOMYOSIN, metabolism/ TRYPSIN, metabolism

1903. **Dragojevic D, Hetzer R, Corterier H:** Thromboembolie--Prophylaxe nach Herzklappenersatz in einem experimentellen Mode
Thoraxchirurgie 20:419-23, Dec 72 (Ge
ANIMAL EXPERIMENTS/ ANTICOAGULANT therapeutic use/ ASPIRIN, therapeutic use/ DIPYRIDAMOLE, therapeutic use/ DISEASE MODELS, ANIMAL/ DOGS/ ENGLISH ABSTRACT/ *HEART VALVE PROSTHESIS, adverse effects/ MITRAL VALVE, surgery/ PLATELET ADHESIVENESS, drug effects/ *THROMBOEMBOLISM, prevention & control

1904. **Drapeau GR, Boily Y, Houmard J:** Purification a properties of an extracellular protease of Staphylococcus aureus.
J Biol Chem 247:6720-6, 25 Oct 72
ACETONE/ AMINO ACIDS, analysis/ AMMONIUM SULFATE/ CHROMATOGRAPH DEAE-CELLULOSE/ DANSYL COMPOUNDS/ EDTA/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HYDROGEN-ION CONCENTRATION/ ISOFLUROPHATE/ KINETICS/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES/ PEPTI HYDROLASES, analysis/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, isolation & purification/ PRECIPITATION/ SODIUM DODECYL SULFATE/ *STAPHYLOCOCCUS,

enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP/ TEMPERATURE/ ULTRACENTRIFUGATION

005. **Drapkin A, Merskey C:** Anticoagulant therapy after acute myocardial infarction. Relation of therapeutic benefit to patient's age, sex, and severity of infarction. JAMA 222:541-8, 30 Oct 72
AGE FACTORS/ AGED/ ANTICOAGULANTS, adverse effects/ *ANTICOAGULANTS, therapeutic use/ BISHYDROXYCOUMARIN, therapeutic use/ CEREBROVASCULAR DISORDERS, mortality/ CLINICAL RESEARCH/ DIABETES MELLITUS, complications/ ELECTROCARDIOGRAPHY/ FEMALE/ HEART FAILURE, CONGESTIVE, complications/ HEMORRHAGE, chemically induced/ HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, complications/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, complications/ *MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, mortality/ PHENINDIONE, adverse effects/ PHENINDIONE, therapeutic use/ PLACEBOS/ PULMONARY EMBOLISM, mortality/ RECURRENCE/ SEX FACTORS/ THROMBOPHLEBITIS, etiology/ TIME FACTORS/ WARFARIN, therapeutic use

006. **Drayton MR, Kiernan JA:** Effects of aprotinin on organ cultures of the cerebellum of the adult rat. Exp Neurol 39:381-8, Jun 73
ANIMAL EXPERIMENTS/ CATHEPSIN, antagonists & inhibitors/ CATHEPSIN, metabolism/ CEREBELLAR CORTEX, cytology/ *CEREBELLAR CORTEX, drug effects/ CULTURE MEDIA/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ LYSOSOMES, metabolism/ ORGAN CULTURE/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDES, pharmacodynamics/ PURKINJE CELLS, drug effects/ RATS/ SILVER/ STAINS AND STAINING

007. **Drenth J, Hol WG, Jansonius JN, et al:** A comparison of the three-dimensional structures of subtilisin BPN' and subtilisin novo.
Cold Spring Harbor Symp Quant Biol 36:107-16, 1971
ACETONE/ AMMONIUM SULFATE/ BINDING SITES/ MODELS, STRUCTURAL/ *PEPTIDE PEPTIDOHYDROLASES/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SUBTILISINS/ WATER/ X-RAY DIFFRACTION

008. **Dresden MH, Asch HL:** Proteolytic enzymes in extracts of Schistosoma mansoni cercariae.
Biochim Biophys Acta 289:378-84, 7 Dec 72
ALKYL SULFONATES, pharmacodynamics/ ANIMAL EXPERIMENTS/ AZO COMPOUNDS/ CARBON ISOTOPES/ CASEIN/ CLOSTRIDIOPEPTIDASE A, metabolism/ EDTA, pharmacodynamics/ ELASTIN/ FLUORIDES, pharmacodynamics/ GEL FILTRATION/ GELATIN/ GLYCINE, metabolism/ GUINEA PIGS/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, metabolism/ *SCHISTOSOMA MANSONI, enzymology/ SKIN, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN INHIBITORS, pharmacodynamics/ VIBRATION

009. **Drew JH:** Ileus in retroperitoneal haematoma.
Med J Aust 1:246-8, 3 Feb 73
AGED/ FEMALE/ FLATULENCE, etiology/ GASTROINTESTINAL MOTILITY/ HEMATOMA, complications/ HEMATOMA, physiopathology/ *HEMOPERITONEUM, complications/ HUMAN/ *INTESTINAL OBSTRUCTION, etiology/ MALE/ MIDDLE AGE/ PERITONEAL DISEASES, physiopathology/ *RETROPERITONEAL SPACE

010. **Dreyfuss F, Zahavi J:** Adenosine diphosphate induced platelet aggregation in myocardial infarction and ischemic heart disease.
Atherosclerosis 17:107-20, Jan-Feb 73
*ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADULT/ AGED/ *BLOOD PLATELETS, drug effects/ BLOOD SEDIMENTATION/ *CORONARY DISEASE, blood/ DIABETES MELLITUS, blood/ FIBRINOGEN, analysis/ FOLLOW-UP STUDIES/ HUMAN/ HYPERTENSION, blood/ MALE/ *MYOCARDIAL INFARCT, blood/ *PLATELET ADHESIVENESS, drug effects/ RECURRENCE/ URIC ACID, blood

1911. **Droller MJ, Wolfe SM:** Thrombin-induced increase in intracellular cyclic 3',5'-adenosine monophosphate in human platelets. J Clin Invest 51:3094-103, Dec 72
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, physiology/ ADENYL CYCLASE, antagonists & inhibitors/ BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, metabolism/ CALCIUM, metabolism/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG SYNERGISM/ HUMAN/ MALE/ NUCLEOTIDES, antagonists & inhibitors/ NUCLEOTIDES, metabolism/ PHOSPHODIESTERASES, metabolism/ PROSTAGLANDINS, pharmacodynamics/ RADIOIMMUNOASSAY/ STIMULATION, CHEMICAL/ THEOPHYLLINE, pharmacodynamics/ THROMBIN, administration & dosage/ *THROMBIN, pharmacodynamics/ THROMBIN, physiology/ TIME FACTORS

1912. **Drommer W:** Feinstruktur der normalen Arteriolen und ihre Alterationen nach experimentellem Colitoxinschock im zentralen Nervensystem des Schweines.
Acta Neuropathol (Berl) 22:29-41, 1972 (Ger)
ANIMAL EXPERIMENTS/ *ARTERIES, pathology/ BASEMENT MEMBRANE/ BLOOD PLATELETS/ BRAIN STEM, blood supply/ BRAIN STEM, pathology/ *CENTRAL NERVOUS SYSTEM, pathology/ ENGLISH ABSTRACT/ MICROSCOPY, ELECTRON/ NEUROGLIA/ PERMEABILITY/ *SHOCK, ENDOTOXIC, pathology/ SPINAL CORD, blood supply/ SPINAL CORD, pathology/ SWINE

1913. **Drummond DC, Rennison BD:** The detection of rodent resistance to anticoagulants. Bull WHO 48:239-42, 1973
ANIMAL EXPERIMENTS/ *ANTICOAGULANTS/ *DRUG RESISTANCE/ GREAT BRITAIN/ PESTICIDES/ RATS/ *RODENT CONTROL/ RODENTS

1914. **Dubarry JJ, Joncheres J, Faivre J:** Recto-sigmoid angiomatosis. Am J Proctol 23:401-3, Oct 72
*ANGIOMATOSIS, pathology/ HUMAN/ MALE/ MIDDLE AGE/ *RECTAL NEOPLASMS, pathology/ *SIGMOID NEOPLASMS, pathology

1915. **Dube B, Chawla SC, Vaish SK, et al:** Consumption coagulopathy following haemolytic crisis in glucose-6-phosphate dehydrogenase deficient subjects. J Assoc Physicians India 20:455-8, Jun 72
ADOLESCENCE/ ADULT/ ASPIRIN, adverse effects/ CASE REPORT/ CHRISTMAS DISEASE, complications/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *GLUCOSEPHOSPHATE DEHY- DROGENASE DEFICIENCY, complications/ HUMAN/ MALE/ PHENACETIN, adverse effects/ PYRIMETHAMINE, adverse effects

1916. **Dube B, Somani PN, Vaish SK, et al:** The life long haemorrhagic disorders with prolonged bleeding time and associated factor VIII deficiency (von Willebrand's disease).
J Assoc Physicians India 20:929-33, Dec 72
ADOLESCENCE/ ADULT/ BLOOD COAGULATION TESTS/ CHILD/ CHILD, PRESCHOOL/ FACTOR VIII/ FEMALE/ HUMAN/ MALE/ PEDIGREE/ *VON WILLEBRAND'S DISEASE, familial & genetic

1917. **Dube VE, Fisher DE:** Hemangioendothelioma of the leg following metallic fixation of the tibia.
Cancer 30:1260-6, Nov 72
AGED/ BIODEGRADATION/ BONE NAILS, adverse effects/ *BONE NEOPLASMS, etiology/ BONE NEOPLASMS, pathology/ BONE SCREWS, adverse effects/ *FRACTURE FIXATION, INTERNAL, adverse effects/

*HEMANGIOENDOTHELIOMA, etiology/ HEMANGIOENDOTHELIOMA, pathology/ HUMAN/ *LEG/ MALE/ STAINLESS STEEL, adverse effects/ TIBIA, pathology/ *TIBIAL FRACTURES, surgery/ TIME FACTORS

1918. **Dubey SM, Katiyar GP, Agarwal KN, et al:** Infectious mononucleosis presenting as jaundice and bleeding. Report of a case. Indian J Pediatr 39:203-5, Jun 72
BLOOD COAGULATION DISORDERS, etiology/ CASE REPORT/ CHILD, PRESCHOOL/ *HEMORRHAGE, ORAL, etiology/ HUMAN/ *INFECTIOUS MONONUCLEOSIS, complications/ *JAUNDICE, etiology/ MALE

1919. **Duboff GS, Hennes AR, Awai R, et al:** Structure-function relationships of various steroids relative to lipid metabolism in human blood cells. Biochem Med 6:483-94, Dec 72
ACETATES, metabolism/ ADULT/ ANDROSTANES, pharmacodynamics/ ANDROSTENES, pharmacodynamics/ *BLOOD CELLS, metabolism/ BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ CHOLESTEROL, blood/ ERYTHROCYTES, metabolism/ ESTERS, blood/ FATTY ACIDS, blood/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ GLYCERIDES, blood/ HUMAN/ KETOSTEROIDS, pharmacodynamics/ LEUKOCYTES, metabolism/ *LIPIDS, blood/ MALE/ MIDDLE AGE/ NORETHYNODREL, pharmacodynamics/ PHOSPHOLIPIDS, blood/ PREGNANES, pharmacodynamics/ PREGNENES, pharmacodynamics/ *STEROIDS, pharmacodynamics/ STEROLS, blood/ STRUCTURE-ACTIVITY RELATIONSHIP

1920. **Dubost C:** Risques de la localisation des adénomes parathyroïdiens par l'artériographie et ses risques. Nouv Presse Med 2:722, 17 Mar 73 (Fre)
ADENOMA, complications/ *ADENOMA, radiography/ *ANGIOGRAPHY, adverse effects/ FEMALE/ HEMATOMA, etiology/ HEMIPLEGIA, etiology/ HUMAN/ HYPERPARATHYROIDISM, etiology/ NEUROLOGIC MANIFESTATIONS/ PARATHYROID NEOPLASMS, complications/ *PARATHYROID NEOPLASMS, radiography/ THYROID GLAND, blood supply

1921. **Dubourdieu M, Le Gall J, Fox JL:** The amino acid sequence of Desulfovibrio vulgaris flavodoxin. Biochem Biophys Res Commun 52:1418-25, 19 Jun 73
*AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *BACTERIAL PROTEINS, analysis/ BINDING SITES/ CHYMOTRYPSIN/ *DESULFOVIBRIO, analysis/ ELECTROPHORESIS, PAPER/ *FLAVOPROTEINS, analysis/ FMN/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ TRYPSIN

1922. **Dubovskaia AIa:** Issledovanie proteoliticheskoi aktivnosti u nekotorykh vidov tsestod. Parazitologiia 7:154-9, Mar-Apr 73 (Rus)
ANIMAL EXPERIMENTS/ BIRDS/ *CESTODA, enzymology/ DIPHYLLOBOTHRIUM, enzymology/ ENGLISH ABSTRACT/ ENZYME TESTS/ FISHES/ MAMMALS/ METHODS/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, physiology

1923. **Duchesne MUJ, Etienne J, Grüber A, et al:** Action des plaquettes sur la prophospholipase plasmatique. Biochimie 54:257-60, 1972 (Fre)
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ *BLOOD PLATELETS, enzymology/ CALCIUM CHLORIDE/ CEPHALINS/ DETERGENTS/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ ENZYME PRECURSORS/ FEMALE/ FREEZING/ HEAT/ HUMAN/ MALE/ *PHOSPHOLIPASE, blood/ PHOSPHORUS ISOTOPES/ RABBITS/ RATS/ RATS, INBRED STRAINS/ SOLUBILITY/ TRYPSIN, blood/ ULTRASONICS

1924. **Duck HJ, Ebeling K, Wagner J, et al:** Proteinasen-Inhibitorkapazitäten im Serum während der Einnahme des oralen Kontrazeptivums Ovosiston Zentralbl Gynaekol 95:343-8, 9 Mar 73 (Ger
ADOLESCENCE/ ADULT/ *CHLORMADINONE, pharmacodynamics/ *CHYMOTRYPSIN, antagonists & inhibitors/ CHYMOTRYPSIN, blood/ FEMALE/ HUMAN/ *MESTRANOL, pharmacodynamics/ PREGNANCY/ TIME FACTORS/ TRYPSIN, blood/ *TRYPSIN INHIBITORS, blood

1925. **Duckert F:** The fibrin stabilizing factor, factor XIII Blut 26:177-9, Mar 73 (11 ref.)
ABORTION, etiology/ BLOOD/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CEREBRAL HEMORRHAGE, etiology/ ECCHYMOSIS, etiology/ *FACTOR XIII/ FACTOR XIII DEFICIENCY, blood/ FACTOR XIII DEFICIENCY, complications/ FEMALE/ FETAL DEATH, etiology/ FIBRIN/ HEMATOMA, etiology/ HEMORRHAGE, etiology/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ INFANT, NEWBORN/ PLACENTA/ PREGNANCY/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, complications/ REVIEW/ UMBILICAL CORD

1926. **Duckert F:** The influence of contraception on th haemostasis. Vasa 1:219-21, 1972
*BLOOD COAGULATION, drug effects/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ FIBRINOLYSIS, drug effects/ HUMAN/ PLATELET ADHESIVENESS, drug effects

1927. **Duckert F:** Documentation of the plasma factor XI deficiency in man. Ann NY Acad Sci 202:190-9, 8 Dec
BLOOD COAGULATION/ BLOOD PLATELETS enzymology/ CADAVERINE/ CEREBRAL HEMORRHAGE, complications/ DANSYL COMPOUNDS/ ENZYME PRECURSORS/ ETHNIC GROUPS/ FACTOR XIII, biosynthesis/ FACTOR XIII, metabolism/ FACTOR XIII, physiology/ *FACTOR XIII DEFICIENCY/ FACTOR XIII DEFICIENCY, blood/ FACTOR XIII DEFICIENCY, complications/ FACTOR XIII DEFICIENCY, familial & genetic/ FEMALE/ HEMORRHAGE complications/ HEMORRHAGE, mortality/ HUMAN/ INFANT, NEWBORN/ MALE/ MATERNAL-FETAL EXCHANGE/ PREGNANCY/ SWITZERLAND/ UMBILICAL CORD

1928. **Duckert F:** Behaviour of antithrombin 3 in liver disea Scand J Gastroenterol [Suppl] 19:109-12, 197
ACUTE DISEASE/ *ANTITHROMBIN, blood/ BIOPSY/ CHRONIC DISEASE/ *FATTY LIVER, blood/ *HEPATITIS, blood/ HEPATITIS, pathology/ HUMAN/ IMMUNOASSAY/ *LIVER CIRRHOSIS, blood/ LIVER CIRRHOSIS, pathology

1929. **Duckworth WC, Heinemann MA, Kitabchi AE:** Purification of insulin-specific protease by affin chromatography.
Proc Natl Acad Sci USA 69:3698-702, Dec 7
ANIMAL EXPERIMENTS/ CHLORIDES/ CHROMATOGRAPHY, AFFINITY/ DITHIOTHREITOL, pharmacodynamics/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ETHYLMALEIMIDE, pharmacodynamics FREEZING/ GEL FILTRATION/ GLUTATHIONE, pharmacodynamics/ HYDROXYMERCURIBENZOATES, pharmacodynamics/ *INSULIN, metabolism/ KINETICS/ MALE/ MUSCLES, enzymology/ *PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ POLYSACCHARIDES, metabolis PROINSULIN, metabolism/ PROTEIN BINDING/ RATS/ TEMPERATURE/ ZINC, pharmacodynamics

1930. **Ducloux G:** La conduite à tenir à la période to initiale d'un infarctus du myocarde (phase "pré-hospitalière".
Sem Hop Paris 49:1623-6, 8 May 73 (F
ANALGESICS AND ANTIPYRETICS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ ATROPINE, therapeutic us

DIURETICS, therapeutic use/ ELECTROCARDIOGRAPHY/ ENZYME TESTS/ HOSPITALIZATION/ HUMAN/ LIDOCAINE, administration & dosage/ MYOCARDIAL INFARCT, diagnosis/ MYOCARDIAL INFARCT, drug therapy/ *MYOCARDIAL INFARCT, therapy

1931. **Ducrou W, Harding PE, Kimber RJ, et al:** Traumatic haemolysis after heart valve replacement: a comparison of haematological investigations.
Aust NZ J Med 2:118-23, May 72
ADOLESCENCE/ ADULT/ AGED/ ANEMIA, HEMOLYTIC, ACQUIRED, enzymology/ *ANEMIA, HEMOLYTIC, ACQUIRED, etiology/ BLOOD PLATELETS/ FEMALE/ HAPTOGLOBINS, analysis/ *HEART VALVE PROSTHESIS, adverse effects/ HEMOGLOBIN, analysis/ HEMOLYSIS/ HEMOSIDERIN, urine/ HUMAN/ LACTATE DEHYDROGENASE, blood/ MALE/ MIDDLE AGE/ RETICULOCYTES/ SERUM ALBUMIN, analysis

1932. **Dudai Y, Silman I, Shinitzky M, et al:** Purification by affinity chromatography of the molecular forms of acetylcholinesterase present in fresh electric-organ tissue of electric eel.
Proc Natl Acad Sci USA 69:2400-3, Sep 72
ACETYLCHOLINESTERASE, antagonists & inhibitors/ *ACETYLCHOLINESTERASE, isolation & purification/ ACRIDINES/ ACRIDINES, chem synthesis/ AMIDES, chem synthesis/ AMINES/ AMINES, chem synthesis/ AMINOCAPROIC ACID/ ANIMAL EXPERIMENTS/ BENZYL COMPOUNDS/ CENTRIFUGATION, DENSITY GRADIENT/ CHEMISTRY/ CHROMATOGRAPHY, AFFINITY/ CYANOGEN BROMIDE/ EELS/ *ELECTRIC ORGAN, enzymology/ ELECTROPHORESIS/ FORMIC ACIDS/ MACROMOLECULAR SYSTEMS/ OSMOLAR CONCENTRATION/ POLYSACCHARIDES/ SODIUM DODECYL SULFATE

1933. **Dudek-Wojciechowska GA, Kloczewiak M, Latallo ZS, et al:** Characterisation of large fragments rich in disulphide bridges from CNBr-treated products of exhaustive proteolysis of fibrinogen by plasmin.
Biochim Biophys Acta 295:536-42, 21 Feb 73
AMINO ACIDS, analysis/ CATTLE/ CYANOGEN BROMIDE/ CYSTEINE, analysis/ DISULFIDES, analysis/ ELECTROPHORESIS, DISK/ *FIBRINOGEN, analysis/ *FIBRINOLYSIN/ MATHEMATICS/ MOLECULAR WEIGHT/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ ULTRACENTRIFUGATION

1934. **Dugan MA, Kozar JJ, Ganse G, et al:** Localization of deep vein thrombosis using radioactive streptokinase.
J Nucl Med 14:233-4, Apr 73
ANIMAL EXPERIMENTS/ DOGS/ FEMALE/ *RADIOISOTOPE SCANNING/ *STREPTOKINASE, diagnostic use/ TECHNETIUM, diagnostic use/ *THROMBOPHLEBITIS, diagnosis

1935. **Dugan MA, Kozar JJ 3d, Charkes ND, et al:** The use of iodinated fibrinogen for localization of deep venous thrombi by scintiscanning. Radiology 106:445-6, Feb 73
ANIMAL EXPERIMENTS/ DOGS/ FEMALE/ FEMORAL VEIN/ *FIBRINOGEN, diagnostic use/ IODINE ISOTOPES, DIAGNOSTIC/ *RADIOISOTOPE SCANNING/ *THROMBOPHLEBITIS, diagnosis

1936. **Dugdale JB:** Storage of blood for Australia-antigen tests. Lancet 1:211, 27 Jan 73
*AUSTRALIA ANTIGEN/ *BLOOD PRESERVATION/ HUMAN/ TEMPERATURE

1937. **Duggan DE, Streeter KB:** Inhibition of ferritin reduction by pyrazolo(3,4d)pyrimidines.
Arch Biochem Biophys 156:66-70, May 73
ANAEROBIOSIS/ *FERRITIN, metabolism/ IRON, metabolism/ KINETICS/ MILK, enzymology/ NAPHTHOQUINONES/ OXIDATION-REDUCTION/ *PYRAZOLES/ *PYRIMIDINES/ QUINOLINES/ SPECTROPHOTOMETRY/ VITAMIN K/ *XANTHINE OXIDASE, antagonists & inhibitors

1938. **Dugmore WN, Raichand M:** Intravitreal urokinase in the treatment of vitreous hemorrhage.
Am J Ophthalmol 75:779-81, May 73
AGED/ ATROPINE, therapeutic use/ FEMALE/ *FIBRINOLYTIC AGENTS, administration & dosage/ FIBRINOLYTIC AGENTS, therapeutic use/ HEMORRHAGE, drug therapy/ *HEMORRHAGE, drug therapy/ HUMAN/ MIDDLE AGE/ PENICILLIN G, BENZATHINE/ RECURRENCE/ VISUAL ACUITY/ *VITREOUS BODY

1939. **Duhamel G, Bonal T, Najman A, et al:** Hémangiolymphome à évolution maligne. A propos d'une observation.
Sem Hop Paris 49:2233-9, 26 Jun 73 (Fre)
AGED/ AUTOPSY/ *AXILLA/ FEMALE/ *HEMANGIOMA/ HEMANGIOMA, embryology/ HEMANGIOMA, pathology/ HUMAN/ KIDNEY NEOPLASMS/ LIVER NEOPLASMS/ *LYMPH NODES/ LYMPH NODES, pathology/ NEOPLASM METASTASIS/ NEOPLASMS, MULTIPLE PRIMARY/ PROGNOSIS/ SPINAL NEOPLASMS/ SPLEEN, pathology/ *SPLENIC NEOPLASMS/ *THORACIC NEOPLASMS

1940. **Duhault J, Lebon F:** The pharmacology of S 1702, a new highly effective oral antidiabetic drug with unusual properties. 2. Protective activity of S 1702 on the microvascular system in normal and diabetic rats.
Australas Radiol 22:1686-90, Oct 72
ALLOXAN DIABETES/ ANIMAL EXPERIMENTS/ *ANTIDIABETICS, therapeutic use/ BLOOD COAGULATION TESTS/ CAPILLARIES, injuries/ CAPILLARY PERMEABILITY, drug effects/ CYCLOPENTANE, therapeutic use/ *DIABETIC ANGIOPATHIES, drug therapy/ DIABETIC ANGIOPATHIES, pathology/ MALE/ MESENTERY/ PYRROLES, therapeutic use/ RATS/ SKIN, blood supply/ *SULFONYLUREA COMPOUNDS, therapeutic use/ THROMBOSIS, drug therapy

1941. **Dulshenalieva Sh:** Izmenenie koaguliruiushchikh svoistv krovi pri lechenii renovaskuliarnoi gipertonii v usloviakh gorno-morskogo klimata.
Sov Zdravookhr Kirg 4:16-9, Jul-Aug 72 (Rus)
ALTITUDE/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ *CLIMATE/ DOGS/ *HYPERTENSION, blood/ HYPERTENSION, drug therapy/ *HYPERTENSION, RENAL, blood/ HYPERTENSION, RENAL, drug therapy/ *RAUWOLFIA, therapeutic use

1942. **Duke EJ, Joyce P, Ryan JP:** Characterization of alternative molecular forms of xanthine oxidase in the mouse. Biochem J 131:187-90, Feb 73
ANIMAL EXPERIMENTS/ CENTRIFUGATION, DENSITY GRADIENT/ DUODENUM, enzymology/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ FLUORESCENCE SPECTROMETRY/ FREEZING/ GEL FILTRATION/ LIVER, enzymology/ MACROMOLECULAR SYSTEMS/ MERCAPTOETHANOL/ MICE/ ORGAN SPECIFICITY/ PROTEIN BINDING/ SODIUM DODECYL SULFATE/ TRYPSIN/ UREA/ XANTHINE OXIDASE, analysis/ *XANTHINE OXIDASE, isolation & purification

1943. **Dulak NC, Temin HM:** A partially purified polypeptide fraction from rat liver cell conditioned medium with multiplication-stimulating activity for embryo fibroblasts. J Cell Physiol 81:153-60, Apr 73
*CELL DIVISION, drug effects/ CELL LINE/ CHICK EMBRYO/ *CULTURE MEDIA, analysis/ DITHIOTHREITOL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBROBLASTS, drug effects/ LIVER, cytology/ MERCAPTOETHANOL/ MOLECULAR WEIGHT/ PEPTIDES, isolation & purification/ *PEPTIDES, pharmacodynamics/ RATS, embryology/ TISSUE CULTURE/ TRYPSIN INHIBITORS, isolation & purification

1944. **Dumur V, Dautrevaux M, Han KK:** The partial amino

acid sequence of dog myoglobin.
FEBS Lett 26:241-4, 1 Oct 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ DANSYL COMPOUNDS/ DOGS/ ELECTROPHORESIS, PAPER/ LEUCINE AMINOPEPTIDASE/ *MYOGLOBIN, analysis/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ THIOCYANATES/ TRYPSIN

1945. **Dunant JH, Waibel PP:** Zur Hämatomprophylaxe in der Varizenchirurgie. Praxis 61:950-1, 18 Jul 72 (Ger)
BROMELAINS, therapeutic use/ EDEMA, prevention & control/ *HEMATOMA, prevention & control/ HUMAN/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *VARICOSE VEINS, surgery

1946. **Duncan JL, Campbell JR:** Further observations on the maintenance of a monospecific infection of Strongylus vulgaris in the horse.
Vet Rec 92:533, 19 May 73
ADHESIONS/ ANIMAL EXPERIMENTS/ CECUM, surgery/ HORSES/ LARVA, isolation & purification/ *STRONGYLE INFECTIONS, EQUINE/ STRONGYLOIDEA, isolation & purification

1947. **Duncombe WG, Rising TJ:** Quantitative extraction and determination of nonesterified fatty acids in plasma.
J Lipid Res 14:258-61, Mar 73
ALCOHOL, METHYL/ ANIMAL EXPERIMENTS/ BLOOD CHEMICAL ANALYSIS/ BLOOD PROTEINS/ CARBON ISOTOPES/ CATS/ CHLOROFORM/ CITRATES/ COLORIMETRY/ COMPARATIVE STUDY/ DOGS/ EVALUATION STUDIES/ FATTY ACIDS, NONESTERIFIED/ FATTY ACIDS, NONESTERIFIED, analysis/ *FATTY ACIDS, NONESTERIFIED, blood/ HEPARIN/ HORSES/ HUMAN/ METHODS/ PALMITIC ACID/ PROTEIN BINDING/ RABBITS/ SOLUBILITY

1948. **Dundee JW, McCaughey W:** Interaction of drugs associated with anaesthesia.
Int Anesthesiol Clin 11:41-73, Spring 73 (152 ref.)
ANALGESICS AND ANTIPYRETICS, pharmacodynamics/ *ANESTHETICS, pharmacodynamics/ ANTIBIOTICS, pharmacodynamics/ ANTICOAGULANTS, pharmacodynamics/ ANTIDEPRESSIVE AGENTS, pharmacodynamics/ CARDIAC GLYCOSIDES, pharmacodynamics/ CARDIOVASCULAR SYSTEM, drug effects/ CHOLINESTERASE INHIBITORS, pharmacodynamics/ DIURETICS, pharmacodynamics/ *DRUG INTERACTIONS/ EMETINE, pharmacodynamics/ ERGOT ALKALOIDS, pharmacodynamics/ HUMAN/ HYPNOTICS AND SEDATIVES, pharmacodynamics/ NEOSTIGMINE, pharmacodynamics/ OXYTOCIN, pharmacodynamics/ REVIEW/ STEROIDS, pharmacodynamics/ SUCCINYLCHOLINE, adverse effects/ TRANQUILIZING AGENTS, pharmacodynamics

1949. **Dunn GD, Hayes P, Breen KJ, et al:** The liver in congestive heart failure: a review.
Am J Med Sci 265:174-89, Mar 73 (89 ref.)
ALKALINE PHOSPHATASE, blood/ AMINOTRANSFERASES, blood/ ANOXEMIA, etiology/ ANOXIA, etiology/ ANTICOAGULANTS, therapeutic use/ ASCITES, etiology/ BILIRUBIN, blood/ DIGITALIS GLYCOSIDES, therapeutic use/ DIURETICS, therapeutic use/ HEART FAILURE, CONGESTIVE, complications/ HEART FAILURE, CONGESTIVE, drug therapy/ *HEART FAILURE, CONGESTIVE, pathology/ HUMAN/ LIDOCAINE, therapeutic use/ LIVER, blood supply/ *LIVER, pathology/ LIVER CIRRHOSIS, etiology/ LIVER DISEASES, diagnosis/ LIVER DISEASES, drug therapy/ LIVER FUNCTION TESTS/ PROTHROMBIN TIME/ REVIEW/ SERUM ALBUMIN, analysis/ SULFOBROMOPHTHALEIN, diagnostic use/ VENOUS PRESSURE

1950. **Dupaix A, Béchet JJ, Roucous C:** Specificity of -chymotrypsin. Separation of polar, steric, and specific effects in the -chymotrypsin-catalyzed hydrolysis of acyl-substituted p-nitrophenyl esters.
Biochemistry 12:2559-66, 3 Jul 73
ACYLATION/ BINDING SITES/ *CHYMOTRYPSIN, metabolism/ ESTERS, metabolism/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ KINETICS/ MATHEMATICS/ MOLECULAR CONFORMATION/ *NITROPHENOLS, metabolism/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SPECTROPHOTOMETRY/ STRUCTURE-ACTIVITY RELATIONSHIP/ TIME FACTORS/ WATER

1951. **Dupe RJ, Howell RM:** The purification and properties of factor X from pig serum and its role in hypercoagulability in vivo.
Biochem J 133:311-21, Jun 73
ADSORPTION/ ANIMAL EXPERIMENTS/ BARIUM SULFATE/ *BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ CARBOHYDRATES, analysis/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DRUG STABILITY/ ELECTROPHORESIS/ FACTOR X, analysis/ *FACTOR X, isolation & purification/ FACTOR X, metabolism/ GEL FILTRATION/ HEAT/ KINETICS/ MOLECULAR WEIGHT/ PHOSPHOLIPIDS/ POLYSACCHARIDES/ PROTEIN DENATURATION/ SNAKES/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SWINE/ TIME FACTORS/ ULTRAFILTRATION/ VENOMS, metabolism

1952. **Duperrat B, Puissant A, Noury-Duperrat G, et al:** Maladie de Lortat-Jacob. Synéchie ombilicale.
Bull Soc Fr Dermatol Syphiligr 79:211, 1972 (Fre)
ADHESIONS/ AGED/ CICATRIX/ *EYE DISEASES, complications/ HUMAN/ MALE/ MUCOUS MEMBRANE/ *PEMPHIGUS, complications/ SYNDROME/ *UMBILICUS, pathology

1953. **Dupont C, Ciaburro H, Prévost Y, et al:** Phenol skin tightening for better dermabrasion.
Plast Reconstr Surg 50:588-90, Dec 72
AMMONIA, therapeutic use/ DERMABRASION/ FEMALE/ HEMOSTATICS, therapeutic use/ HUMAN/ MERCURY, therapeutic use/ METHODS/ OINTMENTS/ *PHENOLS, therapeutic use/ PIGMENTATION DISORDERS, drug therapy/ PREOPERATIVE CARE/ SKIN, drug effects/ SKIN DISEASES, surgery/ TRIAMCINOLONE, therapeutic use

1954. **Durand H, Aiach M, Belaiche J, et al:** Cancer de la prostate et coagulation intravasculaire disséminée.
Sem Hop Paris 49:199-208, 14 Jan 73 (Fre)
*ADENOCARCINOMA, complications/ ANEMIA, etiology/ BLOOD COAGULATION TESTS/ BONE NEOPLASMS, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ ECCHYMOSIS, etiology/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ PROGNOSIS/ *PROSTATIC NEOPLASMS, complications

1955. **Durand H, Chaput JC, Feydy P, et al:** Thrombose progressive du système porte au cours de l'évolution d'une cirrhose non alcoolique.
Sem Hop Paris 49:213-6, 14 Jan 73 (Fre)
ADULT/ ANGIOGRAPHY/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ *HEPATITIS, HOMOLOGOUS SERUM, complications/ HUMAN/ *LIVER CIRRHOSIS, complications/ LIVER CIRRHOSIS, diagnosis/ LIVER CIRRHOSIS, etiology/ MALE/ *PORTAL SYSTEM/ SPLENECTOMY/

*SPLENIC VEIN/ *THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, therapy/ VITAMIN K, antagonists & inhibitors

1956. **Duriez R, Hainaut J, Gérard JP, et al:** Anticorps antiplaquettes actifs en présence d'acide acétyl-salicylique. Activité sur l'agrégabilité plaquettaire et réactivité croisée.
Ann Med Interne (Paris) 123:593-6, Jun-Jul 72 (Fre)
ADULT/ ANEMIA, APLASTIC, chemically induced/ ANTIBODIES, analysis/ ANTICOAGULANTS, pharmacodynamics/ ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ *ASPIRIN, adverse effects/ BLOOD COAGULATION DISORDERS, chemically induced/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, immunology/ CELL AGGREGATION, drug effects/ COMPLEMENT FIXATION TESTS/ COUMARINS, pharmacodynamics/ *CROSS REACTIONS/ *DRUG HYPERSENSITIVITY/ HUMAN/ LYMPHOCYTE TRANSFORMATION/ MALE/ PHARYNGITIS, drug therapy/ *PURPURA, THROMBOPENIC, chemically induced

1957. **Durner K, Güttner H, Kamieth R, et al:** Supplemente als Bestandteil von Nährmedien für Bakterien- und Zellkulturen.
Arch Exp Veterinaermed 26:25-31, 1972 (Ger)
*BACTERIA, growth & development/ BACTERIOLOGICAL TECHNICS/ CHICK EMBRYO/ *CULTURE MEDIA, standards/ ENGLISH ABSTRACT/ ERYSIPELOTHRIX, growth & development/ FIBROBLASTS/ HELA CELLS/ KIDNEY/ LEPTOSPIRA, growth & development/ MYCOPLASMA, growth & development/ PASTEURELLA, growth & development/ PEPTONES, standards/ SWINE/ THYROID GLAND/ *TISSUE CULTURE/ TRYPSIN

1958. **Durst S, Cramer E, Amplatz K:** Flow cell evaluation of nonthrombogenic materials.
Radiology 106:507-11, Mar 73
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION, drug effects/ *CATHETERIZATION, adverse effects/ DOGS/ EVALUATION STUDIES/ GLASS/ HEPARIN, pharmacodynamics/ METHODS/ PARAFFIN, pharmacodynamics/ PHOTOMICROGRAPHY/ SILICONES, pharmacodynamics/ STEARIC ACID, pharmacodynamics/ *THROMBOSIS, etiology

1959. **Duthie RB:** Surgical reconstruction of the haemophilias. Acta Orthop Belg 39:485-94, Mar-Apr 73
ADOLESCENCE/ ADULT/ ARTHRODESIS/ BONE DISEASES, complications/ *BONE DISEASES, surgery/ CHILD/ *HEMOPHILIA/ HEMOPHILIA, complications/ HEMOSTASIS/ HUMAN/ METHODS/ MIDDLE AGE/ OSTEOTOMY/ *SURGERY, OPERATIVE

1960. **Dutton RC, Edmunds LH Jr:** Measurement of emboli in extracorporeal perfusion systems.
J Thorac Cardiovasc Surg 65:523-30, Apr 73
ANIMAL EXPERIMENTS/ ARTERIES/ *BLOOD/ BLOOD PLATELETS/ DOGS/ *EMBOLISM, diagnosis/ *EXTRACORPOREAL CIRCULATION, adverse effects/ *FILTRATION/ LEUKOCYTES/ MICROSCOPY, ELECTRON, SCANNING/ NYLON/ OXYGENATORS, MEMBRANE/ PLATELET ADHESIVENESS/ SILICONE ELASTOMERS

1961. **Dvilansky A, Biran H:** Hypofibrinogenemia after Echis colorata bite in man.
Acta Haematol (Basel) 49:123-7, 1973
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADOLESCENCE/ *AFIBRINOGENEMIA, etiology/ ANAPHYLAXIS, chemically induced/ ANTIVENINS, adverse effects/ ANTIVENINS, therapeutic use/ BLOOD COAGULATION TESTS/ COLLAGEN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ PLATELET ADHESIVENESS/ *SNAKE BITES, complications

1962. **Dvořák J, Bejček Z:** Malformace zevního ucha a angiolelomyom parafaryngu--syndrom 1. a 2. zevní žaberní štěrbiny.
Cesk Stomatol 72:404-9, Nov 72 (Cze)
ANGIOMATOSIS/ *BRANCHIOMA/ *EAR DEFORMITIES, ACQUIRED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LEIOMYOMA/ MIDDLE AGE/ *PHARYNGEAL NEOPLASMS/ SYNDROME

1963. **Dvorkin VIa, Kiselev GV:** Soderzhanie i obmen otdel'nykh fraktsii fosfolipidov v golovnom mozgu krys pri insulinovoi gipoglikemii i elektrokozhnom pazdrazhanii.
Ukr Biokhim Zh 44:173-7, 1972 (Rus)
ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY/ ENGLISH ABSTRACT/ GALVANIC SKIN RESPONSE/ *HYPERGLYCEMIA, chemically induced/ INJECTIONS, SUBCUTANEOUS/ *INSULIN, pharmacodynamics/ MALE/ METHODS/ PHOSPHOINOSITIDES, analysis/ PHOSPHOINOSITIDES, metabolism/ *PHOSPHOLIPIDS, analysis/ PHOSPHOLIPIDS, metabolism/ PHOSPHORUS ISOTOPES/ PROTAMINES, pharmacodynamics/ RATS

1964. **Dyk T:** Intramuscular injection and coagulation defects. Br Med J 4:795, 30 Dec 72
AGED/ *ANTICOAGULANTS, adverse effects/ BLOOD COAGULATION DISORDERS/ HEMATOMA, etiology/ HEPARIN, adverse effects/ HUMAN/ *INJECTIONS, INTRAMUSCULAR, adverse effects

1965. **Dyk T, Odyniec A, Baranowska M:** Cor pulmonale thromboembolicum primarium et secundarium. Pierwotny i wtórny zespół LIC zlokalizowany w płucach.
Pol Arch Med Wewn 50:807-14, Aug 73 (Pol)
ADULT/ CHRONIC DISEASE/ DIAGNOSIS, DIFFERENTIAL/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ *LUNG, blood supply/ MIDDLE AGE/ PREGNANCY/ PULMONARY HEART DISEASE, drug therapy/ *PULMONARY HEART DISEASE, etiology/ SYNDROME

1966. **Dyk T, Piotrowski M, Kostecka W:** Haemopericardium acutum wskutek ostrej małopłytkowości w przebiegu leczenia czerwienicy prawdziwej busulfanem.
Pol Tyg Lek 28:259-60, 12 Feb 73 (Pol)
ACUTE DISEASE/ ADULT/ ANEMIA, APLASTIC, chemically induced/ BUSULFAN, administration & dosage/ *BUSULFAN, adverse effects/ BUSULFAN, therapeutic use/ CARDIAC TAMPONADE, chemically induced/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *PERICARDIAL EFFUSION, chemically induced/ PERICARDIAL EFFUSION, complications/ *POLYCYTHEMIA VERA, drug therapy/ *THROMBOPENIA, chemically induced/ THROMBOPENIA, complications

1967. **Dyk T, Piotrowski M:** Postać skórna guzkowego zapalenia tętnic. Zgon w zapaści wskutek krwiaka okołonerkowego.
Pol Tyg Lek 27:1281-2, 14 Aug 72 (Pol)
ADULT/ ENGLISH ABSTRACT/ *HEMATOMA, complications/ HEMATOMA, pathology/ HUMAN/ *KIDNEY DISEASES, complications/ MALE/ *PERIARTERITIS NODOSA, complications/ PURPURA, complications/ SHOCK, etiology/ SHOCK, pathology

1968. **Dyment PG, Fernbach DJ, Sutow WW:** Hexamethylmelamine (NSC-13875) for acute leukemia and solid tumors in children.
J Clin Pharmacol 13:111-3, Feb-Mar 73
ADOLESCENCE/ AGRANULOCYTOSIS, chemically induced/ ANTINEOPLASTIC AGENTS, administration & dosage/ ANTINEOPLASTIC AGENTS, adverse effects/ *ANTINEOPLASTIC AGENTS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ CLINICAL RESEARCH/ DIMETHYLAMINES,

administration & dosage/ DIMETHYLAMINES, adverse effects/ DIMETHYLAMINES, therapeutic use/ FEMALE/ HUMAN/ *LEUKEMIA, drug therapy/ LEUKOPENIA, chemically induced/ MALE/ NAUSEA, chemically induced/ *NEOPLASMS, drug therapy/ REMISSION/ THROMBOPENIA, chemically induced/ TRIAZINES, administration & dosage/ TRIAZINES, adverse effects/ *TRIAZINES, therapeutic use/ VOMITING, chemically induced

1969. **Dynon MK, Jago GR, Davidson BE:** The subunit structure of lactate dehydrogenase from Streptococcus cremoris US3.
Eur J Biochem 30:348-53, Oct 72
AMINO ACIDS, analysis/ BENZOATES/ CHLOROMERCURIBENZOATES/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FRUCTOSEPHOSPHATES/ GEL FILTRATION/ INDICATORS AND REAGENTS/ *LACTATE DEHYDROGENASE, analysis/ LACTATE DEHYDROGENASE, antagonists & inhibitors/ LACTATE DEHYDROGENASE, isolation & purification/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ NAD/ NITRO COMPOUNDS/ PEPTIDES, analysis/ PROTEIN DENATURATION, drug effects/ SODIUM DODECYL SULFATE/ SPECTROPHOTOMETRY, ULTRAVIOLET/ STAINS AND STAINING/ *STREPTOCOCCUS, enzymology/ TRYPSIN

1970. **Dzhandieri KM, Tumanishvili GD, Dzidziguri DV, et al:** O iadernom faktore, sposobstvuiushchem razrusheniiu DNK khromatina DNKazami.
Dokl Akad Nauk SSSR 211:474-6, 11 Jul 73 (Rus)
ANIMAL EXPERIMENTS/ BENTONITE/ *CELL NUCLEUS/ *CHROMATIN/ CYTOPLASM/ *DEOXYRIBONUCLEASE/ DNA/ HEAT/ *KIDNEY, cytology/ *LIVER, cytology/ RATS/ RIBONUCLEASE/ TRYPSIN

1971. **Dzherova A, Grivorov Iv, Slokoska L:** Fibrinoliticbna aktivnost na niakoi shtamove Aspergillus pri dulboko kultivirane vurkhu organichni i sintetichni i sintetichni khranitelni sredi.
Izv Mikrobiol Inst (Sofiia) 23:61-6, 1972 (Bul)
*ASPERGILLUS, physiology/ *CULTURE MEDIA/ ENGLISH ABSTRACT/ *FIBRINOLYTIC AGENTS, biosynthesis/ TIME FACTORS

1972. **Dziubiński K:** Patogeneza i klinika pełzakowicy jelitowej.
Wiad Lek 26:31-7, 1 Jan 73 (16 ref.) (Pol)
DIARRHEA, diagnosis/ DIET THERAPY/ *DYSENTERY, AMEBIC/ DYSENTERY, AMEBIC, diagnosis/ DYSENTERY, AMEBIC, drug therapy/ DYSENTERY, AMEBIC, etiology/ DYSENTERY, AMEBIC, therapy/ ENGLISH ABSTRACT/ ENTAMOEBA HISTOLYTICA, enzymology/ HUMAN/ HYALURONIDASE, metabolism/ HYPNOTICS AND SEDATIVES, therapeutic use/ INTESTINAL MUCOSA/ INTESTINE, LARGE/ PEPTIDE HYDROLASES, metabolism/ REVIEW/ TIME FACTORS

1973. **Dzizinskii AA, Solovenchuk LL, Kaznacheev VP:** K genetike ateroskleroza. II. Sopostavlenie kliniko-genealogicheskikh dannykh i nekotorykh pokazatelei lipidnogo obmena u bol'nykh aterosklerozom. Kardiologiia 13:33-7, Mar 73 (Rus)
AGED/ ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, enzymology/ *ARTERIOSCLEROSIS, familial & genetic/ CHOLESTEROL, blood/ CORONARY DISEASE, blood/ CORONARY DISEASE, enzymology/ *CORONARY DISEASE, familial & genetic/ FEMALE/ HUMAN/ *LIPIDS, blood/ LIPOPROTEIN LIPASE, blood/ LIPOPROTEINS, blood/ MALE/ MIDDLE AGE/ PEDIGREE

1974. **Dzoga K, Stoltzner G, Wissler RW:** The production of a highly specific antibody to human platelets.
Lab Invest 27:351-6, Oct 72
ANTIBODIES, isolation & purification/ *ANTIBODY FORMATION/ *BLOOD PLATELETS, immunology/ BLOOD PROTEINS/ ERYTHROCYTES, immunology/ FIBRINOGEN/ FLUORESCEINS/ FLUORESCENT ANTIBODY TECHNIC/ GEL DIFFUSION TESTS/ HEMAGGLUTINATION TESTS/ HUMAN/ IMMUNE SERUMS/ IMMUNIZATION/ IMMUNOELECTROPHORESIS/ *IMMUNOLOGIC TECHNICS/ METHODS/ MICROSCOPY, FLUORESCENCE/ PASSIVE TRANSFER/ RABBITS, immunology

E

1975. **Eassa EH, Casarett GW:** Effect of epsilon-amino-n-caproic acid (EACA) on radiation-induced increase in capillary permeability.
Radiology 106:679-86, Mar 73
*AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ *CAPILLARIES, radiation effects/ CAPILLARY PERMEABILITY, drug effects/ *CAPILLARY PERMEABILITY, radiation effects/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DOSE-RESPONSE RELATIONSHIP, RADIATION/ MALE/ RABBITS/ RADIATION DOSAGE/ *RADIATION EFFECTS/ *SKIN, radiation effects/ TIME FACTORS

1976. **Eastcott HH:** Ischaemia.
Trans Med Soc Lond 87:134-48, 1971
AGED/ AMPUTATION/ ARTERIAL OCCLUSIVE DISEASES, surgery/ ARTERIOSCLEROSIS, complications/ BLOOD FLOW VELOCITY/ BLOOD PRESSURE/ CHOLESTEROL, blood/ *CORONARY DISEASE/ ENDARTERECTOMY/ FEMALE/ FEMORAL ARTERY, surgery/ FOOT DISEASES/ GANGRENE, complications/ HEPARIN, therapeutic use/ HUMAN/ *INTERMITTENT CLAUDICATION/ *ISCHEMIA/ ISCHEMIA, complications/ ISCHEMIA, drug therapy/ LEG, blood supply/ MALE/ MIDDLE AGE/ POPLITEAL ARTERY, surgery/ SMOKING/ THROMBOANGIITIS OBLITERANS

1977. **Easterby JS, Rosemeyer MA:** Purification and subunit interactions of yeast hexokinase.
Eur J Biochem 28:241-52, 13 Jul 72
ACYLATION/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, STARCH GEL/ *HEXOKINASE, isolation & purification/ HEXOSES/ HYDROGEN-ION CONCENTRATION/ ISOENZYMES, isolation & purification/ MACROMOLECULAR SYSTEMS/ MALEATES/ MOLECULAR WEIGHT/ OSMOLAR CONCENTRATION/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PRECIPITATION/ PROTEIN DENATURATION/ PROTEINS, analysis/ PYROPHOSPHATES/ *SACCHAROMYCES CEREVISIAE, enzymology/ SUCCINATES/ SULFONIC ACIDS/ ULTRACENTRIFUGATION

1978. **Easterling WE Jr, Weiss AE, Odom MH, et al:** Plasma volume, electrolyte, and coagulation factor changes following intra-amniotic hypertonic saline infusion.
Am J Obstet Gynecol 113:1065-71, 15 Aug 72
*ABORTION, THERAPEUTIC/ AMNION/ BLOOD COAGULATION DISORDERS, chemically induced/ *BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ *CHLORIDES, urine/ FACTOR V, analysis/ FACTOR VIII, analysis/ FEMALE/ HEMATOCRIT/ HUMAN/ HYPERTONIC SOLUTIONS/ *PLASMA VOLUME, drug effects/ *POTASSIUM, urine/ SODIUM, urine/ *SODIUM, urine/ SODIUM CHLORIDE, administration & dosage/ SODIUM CHLORIDE, adverse effects/ *SODIUM CHLORIDE, pharmacodynamics

1979. **Eastham RD:** The prevention of bleeding during long-term oral anticoagulant therapy.
Bristol Med Chir J 87:5-7, Jan 72
ADMINISTRATION, ORAL/ ANTICOAGULANTS, administration & dosage/ *ANTICOAGULANTS, adverse effects/

HEMORRHAGE, chemically induced/ HEMORRHAGE, etiology/ *HEMORRHAGE, prevention & control/ HUMAN/ TIME FACTORS/ WARFARIN, adverse effects

1980. **Eastham RD:** In defence of APTT control of long-term anticoagulant therapy. J Clin Pathol 26:383-4, May 73
ANTICOAGULANTS, administration & dosage/ *ANTICOAGULANTS, therapeutic use/ *BLOOD COAGULATION TESTS/ HUMAN/ METHODS/ *THROMBOPLASTIN/ TIME FACTORS

1981. **Eastham RD:** Warfarin dosage, clofibrate, and age of patient. Br Med J 2:554, 2 Jun 73
ADULT/ AGE FACTORS/ *CLOFIBRATE, administration & dosage/ CLOFIBRATE, therapeutic use/ DRUG SYNERGISM/ HUMAN/ MIDDLE AGE/ MYOCARDIAL INFARCT, drug therapy/ *WARFARIN, administration & dosage

1982. **Eastham RD:** Warfarin dosage influenced by clofibrate plus age. Lancet 1:1450, 23 Jun 73
ADULT/ AGE FACTORS/ *CLOFIBRATE, administration & dosage/ CLOFIBRATE, therapeutic use/ DRUG INTERACTIONS/ HUMAN/ MIDDLE AGE/ *WARFARIN, administration & dosage/ WARFARIN, therapeutic use

1983. **Eastham RD, Perham TG, Pocock PV:** Warfarin and hydroxyethylrutosides in deep vein thrombosis. Br Med J 4:491, 25 Nov 72
*BIOFLAVONOIDS, therapeutic use/ BLOOD COAGULATION TESTS/ *FLAVONES, therapeutic use/ HUMAN/ PROTHROMBIN/ *THROMBOPHLEBITIS, drug therapy/ *WARFARIN, therapeutic use

1984. **Eastman PM, Schwartz R, Schrier SL:** Distinctions between idiopathic ineffective erythropoiesis and di Guglielmo's disease: clinical and biochemical differences. Blood 40:487-99, Oct 72
ADULT/ AGED/ AMINOLEVULINIC ACID SYNTHETASE, metabolism/ *ANEMIA, HEMOLYTIC, blood/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BONE MARROW CELLS, enzymology/ CARBON ISOTOPES/ CELLS, CULTURED/ *ERYTHREMIC MYELOSIS, blood/ ERYTHREMIC MYELOSIS, complications/ ERYTHROCYTES, ABNORMAL/ *ERYTHROPOIESIS/ FEMALE/ GLOBIN, biosynthesis/ GLYCINE, metabolism/ HEMATOPOIESIS/ HEME, biosynthesis/ HUMAN/ ISOELECTRIC FOCUSING/ KARYOTYPING/ LEUKEMIA, MYELOBLASTIC, etiology/ LEVULINIC ACID, metabolism/ MALE/ MIDDLE AGE/ RETICULOCYTES/ VALINE, metabolism

1985. **Ebber G:** Die portale Stauungsmilz. Ihre Bedeutung für die Chirurgie des Pfortaderhochdrucks und für andere Oberbaucheingriffe.
Chirurg 44:301-3, Jul 73 (Ger)
ARTERIOVENOUS SHUNT, SURGICAL/ HEMORRHAGIC THROMBOCYTHEMIA, etiology/ HUMAN/ *HYPERSPLENISM, surgery/ HYPERTENSION, PORTAL, complications/ *HYPERTENSION, PORTAL, surgery/ LEUKOCYTOSIS, etiology/ POSTOPERATIVE COMPLICATIONS/ RENAL VEINS, surgery/ SPLENECTOMY/ *SPLENIC VEIN/ SPLENIC VEIN, surgery/ SPLENOMEGALY, etiology/ *SPLENOMEGALY, surgery/ THROMBOCYTOSIS, etiology/ THROMBOSIS, etiology/ THROMBOSIS, surgery

1986. **Eberhagen D:** Veränderung der Serumwerte nach Postversand. Med Klin 68:1019-20, 27 Jul 73 (Ger)
*BLOOD PRESERVATION/ ENZYMES, blood/ HUMAN/ *POSTAL SERVICE

1987. **Eberhart RC, Curtis RM:** The effects of solid and hollow fiber screens on gas exchange in membrane oxygenators.
Trans Am Soc Artif Intern Organs 19:66-71, 1973
BLOOD/ BLOOD FLOW VELOCITY/ CARBON DIOXIDE, blood/ CATTLE/ GASES/ *HEART, MECHANICAL, instrumentation/ HEPARIN/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *MEMBRANES, ARTIFICIAL, instrumentation/ METHODS/ OXYGEN, blood/ OXYGENATORS, MEMBRANE, instrumentation/ TEMPERATURE/ WATER

1988. **Eberle JW, Manton JR, Meals CR, et al:** Cross-linked heparin binding of a membrane oxygenator system. J Biomed Mater Res 7:145-53, Mar 73
*ALDEHYDES/ AMMONIUM COMPOUNDS/ BIOLOGICAL TRANSPORT, ACTIVE/ BLOOD COAGULATION TESTS/ EXTRACORPOREAL CIRCULATION, adverse effects/ GLUTARATES/ *HEART, MECHANICAL/ *HEPARIN/ *MEMBRANES, ARTIFICIAL/ METHODS/ OXYGENATORS, MEMBRANE/ POLYMERS/ PULMONARY CIRCULATION

1989. **Ebner H:** Zur Problematik enzymhältiger Waschmittel. Wien Med Wochenschr 122:619-21, 21 Nov 72 (25 ref.) (Ger)
ASTHMA, chemically induced/ AUSTRIA/ CONSUMER SATISFACTION/ DERMATITIS, CONTACT, etiology/ *DETERGENTS, adverse effects/ ENVIRONMENTAL EXPOSURE/ FEMALE/ HUMAN/ *LAUNDERING/ MALE/ OCCUPATIONAL DERMATITIS, etiology/ OCCUPATIONAL DISEASES, chemically induced/ OCCUPATIONS/ PARTICLE SIZE/ *PEPTIDE HYDROLASES, adverse effects/ RESPIRATORY HYPERSENSITIVITY, chemically induced/ REVIEW

1990. **Ebner H, Gebhart W:** Die Ultrastruktur der Epidermis-Cutis-Grenze beim Lichen ruber planus. Arch Dermatol Forsch 245:285-94, 1972 (Ger)
BASEMENT MEMBRANE/ CELL MEMBRANE/ CELL NUCLEUS/ CELLULAR INCLUSIONS/ COLLOIDS/ DESMOSOMES/ ENGLISH ABSTRACT/ FEMALE/ FIBRIN/ HUMAN/ KERATIN/ *LICHEN PLANUS, pathology/ MACROPHAGES, cytology/ MALE/ MICROSCOPY, ELECTRON/ *SKIN, pathology

1991. **Ebner H, Kraft D:** Fibrinablagerungen beim Lichen ruber planus. Eine licht-, immunfluorescenz- und elektronenmikroskopische Studie.
Arch Dermatol Forsch 243:305-17, 1972 (Ger)
ENGLISH ABSTRACT/ FEMALE/ *FIBRIN, analysis/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ KERATIN, analysis/ *LICHEN PLANUS, pathology/ LYSOSOMES/ MALE/ MICROSCOPY/ MICROSCOPY, ELECTRON/ MICROSCOPY, FLUORESCENCE/ *SKIN, pathology

1992. **Ebner H, Kraft D:** Fibrinnachweis mit einem Enzym-Antiserum-Konjugat beim Lichen ruber planus.
Dermatologica 146:101-6, 1973 (Ger)
BIOPSY/ CHEMISTRY/ ENGLISH ABSTRACT/ *FIBRIN, metabolism/ *FIBRINOGEN/ FLUORESCENT ANTIBODY TECHNIC/ *GAMMA GLOBULIN/ HISTOCYTOCHEMISTRY/ HUMAN/ *LICHEN PLANUS, metabolism/ METHODS/ MICROSCOPY, FLUORESCENCE/ *PEROXIDASES/ RABBITS, immunology/ *SKIN, metabolism

1993. **Ebrahimi T, Okagaki T:** Hemangioma of the Fallopian tube. Am J Obstet Gynecol 115:864-5, 15 Mar 73
AGED/ *FALLOPIAN TUBE NEOPLASMS, pathology/ FALLOPIAN TUBES, pathology/ FEMALE/ *HEMANGIOMA, CAVERNOUS, pathology/ HUMAN

1994. **Ectors P, Parmentier M, Stricht J van der, et al:** Association d'une angiomatose cutanéodigestive diffuse (blue rubber blebl nevus syndrome) et d'une fistule artérioveineuse splénique. rapport d'un cas; revue de la littérature.
Acta Gastroenterol Belg 35:384-94, Sep 72 (Fre)
ADULT/ *ANGIOMATOSIS, complications/ ANGIOMATOSIS, radiography/ ANGIOMATOSIS, surgery/ *ARTERIOVENOUS FISTULA, complications/ ARTERIOVENOUS FISTULA, radiography/ ARTERIOVENOUS FISTULA, surgery/ ENGLISH ABSTRACT/

FEMALE/ *GASTROINTESTINAL NEOPLASMS, complications/ GASTROINTESTINAL NEOPLASMS, radiography/ GASTROINTESTINAL NEOPLASMS, surgery/ HUMAN/ *SKIN NEOPLASMS, complications/ SKIN NEOPLASMS, radiography/ SKIN NEOPLASMS, surgery/ *SPLENIC DISEASES, complications/ SPLENIC DISEASES, radiography/ SPLENIC DISEASES, surgery/ SYNDROME

1995. **Edson JR, McArthur JR, Branda RF, et al:** Successful management of a subdural hematoma in a hemophiliac with an anti-factor VIII antibody.
Blood 41:113-22, Jan 73
ADULT/ AMINOCAPROIC ACID, therapeutic use/ ANTIBODY FORMATION/ AUTOANTIBODIES/ BLOOD COAGULATION TESTS/ CYCLOPHOSPHAMIDE, therapeutic use/ DEXAMETHASONE, therapeutic use/ EXCHANGE TRANSFUSION/ *FACTOR VIII, therapeutic use/ FIBRINOGEN, analysis/ HEMATOMA, SUBDURAL, surgery/ *HEMATOMA, SUBDURAL, therapy/ HEMOLYSIS/ *HEMOPHILIA, blood/ HUMAN/ IMMUNOSUPPRESSION/ MALE/ PLATELET ADHESIVENESS

1996. **Edwards A, Gupta JD, Harley JD:** Photomicrographic evaluation of drug-induced cataracts in cultured embryonic chick lens. Exp Eye Res 15:495-8, Apr 73
ANIMAL EXPERIMENTS/ *CATARACT, chemically induced/ CHICK EMBRYO/ CHLOROQUINE/ CULTURE MEDIA/ HYDROQUINONES/ LENS, CRYSTALLINE/ NAPHTHOLS/ NAPHTHOQUINONES/ OUABAIN/ PHENACETIN/ PHENOBARBITAL/ PHENYLBUTAZONE/ PHENYLHYDRAZINE/ PHOTOMICROGRAPHY/ PREDNISOLONE/ PRIMAQUINE/ PYROGALLOL/ SULFANILAMIDE/ TISSUE CULTURE/ VITAMIN K

1997. **Edwards IR, MacLean KS, Dow JD:** Low-dose urokinase in major pulmonary embolism.
Lancet 2:409-13, 25 Aug 73
ADULT/ AGED/ BLOOD PRESSURE, drug effects/ FEMALE/ *FIBRINOLYTIC AGENTS, administration & dosage/ FIBRINOLYTIC AGENTS, pharmacodynamics/ FIBRINOLYTIC AGENTS, therapeutic use/ HEART RATE, drug effects/ HUMAN/ JUGULAR VEIN/ MALE/ MIDDLE AGE/ OXYGEN, blood/ PULMONARY ARTERY/ PULMONARY ARTERY, radiography/ *PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, radiography/ PULSE, drug effects/ RESPIRATION, drug effects/ SHOCK, drug therapy/ STREPTOKINASE, therapeutic use/ TACHYCARDIA, drug therapy/ THROMBOPHLEBITIS, drug therapy

1998. **Edwards IR, Walker AE, Frenk E:** The management of deep venous thrombosis. I. Diagnosis.
Br J Dermatol 87:518-22, Nov 72 (37 ref.)
BLOOD COAGULATION TESTS/ BLOOD PROTEIN DISORDERS, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ELECTRODIAGNOSIS/ FIBRINOGEN/ GEL FILTRATION/ HUMAN/ HYPERTENSION, PULMONARY, etiology/ IODINE ISOTOPES, DIAGNOSTIC/ PHLEBOGRAPHY/ PLATELET ADHESIVENESS/ PULMONARY EMBOLISM, etiology/ REVIEW/ THROMBOPHLEBITIS, blood/ THROMBOPHLEBITIS, complications/ *THROMBOPHLEBITIS, diagnosis/ ULTRASONICS, diagnostic use

1999. **Edwards IR, Walker AE:** Deep venous thrombosis. II. Management. Br J Dermatol 88:207-11, Feb 73 (35 ref.)
ANTICOAGULANTS, therapeutic use/ ASPIRIN, therapeutic use/ DEXTRAN, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, prevention & control/ REVIEW/ *THROMBOPHLEBITIS/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, prevention & control/ THROMBOPHLEBITIS, surgery

2000. **Efremenko AM:** Mikrokoagulogramma bol'nykh s serdechno-sosudistymi zabolevaniiami.
Lab Delo 8:465-7, 1972 (Rus)
ANTICOAGULANTS, adverse effects/ *BLOOD COAGULATION TESTS/ *CARDIOVASCULAR DISEASES, blood/ CARDIOVASCULAR DISEASES, drug therapy/ HUMAN

2001. **Efron D, Marcus A:** Translation of TMV-RNA in a cell-free wheat embryo system.
Virology 53:343-8, Jun 73
AMINO ACIDS, metabolism/ CARBON ISOTOPES/ CELL-FREE SYSTEM/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ EMBRYO/ GEL FILTRATION/ PEPTIDES, analysis/ *RNA, VIRAL/ SODIUM DODECYL SULFATE/ *TOBACCO MOSAIC VIRUS/ TOBACCO MOSAIC VIRUS, metabolism/ *TRANSLATION, GENETIC/ TRITIUM/ TRYPSIN/ VIRAL PROTEINS, biosynthesis/ VIRAL PROTEINS, isolation & purification/ WHEAT

2002. **Egan EL, Fairbanks VF:** Postsplenectomy erythrocytosis in hemoglobin Köln disease.
N Engl J Med 288:929-31, 3 May 73
ADULT/ ANEMIA, HEMOLYTIC, blood/ ANEMIA, HEMOLYTIC, familial & genetic/ *ANEMIA, HEMOLYTIC, therapy/ BLOOD CELL COUNT/ BLOOD PLATELETS/ ERYTHROCYTE COUNT/ HEMATOCRIT/ HEMOGLOBIN/ HEMOGLOBINOMETRY/ HEMOGLOBINOPATHIES, blood/ *HEMOGLOBINOPATHIES, complications/ *HEMOGLOBINS, ABNORMAL/ HUMAN/ LEUKOCYTE COUNT/ MALE/ MIDDLE AGE/ OXYGEN, blood/ POLYCYTHEMIA, blood/ *POLYCYTHEMIA, etiology/ *SPLENECTOMY, adverse effects/ SPLENOMEGALY, etiology/ SPLENOMEGALY, surgery

2003. **Egbring R, Havemann K:** Faktor XIII-Mangel bei einigen Patienten mit akuter Leukose.
Verh Dtsch Ges Inn Med 77:97-100, 1971 (Ger)
ADOLESCENCE/ ADULT/ AGED/ *FACTOR XIII DEFICIENCY, complications/ FEMALE/ *HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ *LEUKEMIA, complications/ MALE/ MIDDLE AGE/ REMISSION/ THROMBOPENIA, etiology

2004. **Egbring R, Schmidt W, Havemann K:** Die Vereinfachte Radiologische Faktor-XIII-Bestimmung und ihre Klinische Anwendung bei Kongenitalem Faktor-XIII-Mangel (I.
Blut 27:6-19, Jul 73 (Ger)
ANTIBODIES/ CARBON ISOTOPES/ CASEIN/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ *FACTOR XIII, analysis/ FACTOR XIII, therapeutic use/ *FACTOR XIII DEFICIENCY, blood/ FACTOR XIII DEFICIENCY, therapy/ HUMAN/ MALE/ MERCAPTOETHANOL/ METHODS/ PUTRESCINE/ RADIOIMMUNOASSAY/ TIME FACTORS

2005. **Egelrud T:** Reversible binding of lipoprotein lipase from hen adipose tissue to insolubilized heparin.
Biochim Biophys Acta 296:124-9, 19 Jan 73
*ADIPOSE TISSUE, enzymology/ ANIMAL EXPERIMENTS/ BINDING SITES/ BLOOD/ CALCIUM CHLORIDE/ CATTLE/ CHICKENS/ COLD/ DRUG STABILITY/ ETHANOLAMINES/ FEMALE/ FREEZE DRYING/ *HEPARIN/ *LIPOPROTEIN LIPASE/ LIPOPROTEIN LIPASE, antagonists & inhibitors/ MILK, enzymology/ OSMOLAR CONCENTRATION/ POLYSACCHARIDES/ PROTEIN BINDING/ SODIUM CHLORIDE/ SOLUBILITY/ TIME FACTORS

2006. **Egelrud T, Olivecrona T:** Purified bovine milk (lipoprotein) lipase: activity against lipid substrates in the absence of exogenous serum factors.
Biochim Biophys Acta 306:115-27, 13 Apr 73
*ACETATES, metabolism/ ANIMAL EXPERIMENTS/ BILE ACIDS AND SALTS, metabolism/ *BUTYRATES, metabolism/

CATTLE/ DEOXYCHOLIC ACID, metabolism/ HYDROLYSIS/ *LIPOPROTEIN LIPASE, metabolism/ *MILK, enzymology/ *OLEIC ACID, metabolism/ SODIUM CHLORIDE, metabolism/ *TRIOLEIN, metabolism

2007. **Egelrud T, Olivecrona T:** The purification of a lipoprotein lipase from bovine skim milk.
J Biol Chem 247:6212-7, 10 Oct 72
ACETONE/ AMMONIUM SULFATE/ BLOOD/ CARBOHYDRATES, analysis/ CATTLE/ CHROMATOGRAPHY, AFFINITY/ ELECTROPHORESIS, DISK/ ENZYME ACTIVATION/ ETHYL ETHER/ HEPARIN/ LIPOPROTEIN LIPASE, analysis/ LIPOPROTEIN LIPASE, antagonists & inhibitors/ *LIPOPROTEIN LIPASE, isolation & purification/ *MILK, enzymology/ MOLECULAR WEIGHT/ PRECIPITATION/ SODIUM CHLORIDE/ SODIUM DODECYL SULFATE/ UREA

2008. **Egerton JR, Merritt GC:** Serology of foot-rot: antibodies against Fusiformis nodosus in normal, affected, vaccinated and passively immunised sheep.
Aust Vet J 49:139-45, Mar 73
ADJUVANTS, IMMUNOLOGIC/ AGGLUTINATION TESTS/ ANIMAL EXPERIMENTS/ *ANTIBODIES, BACTERIAL, analysis/ FOOT ROT, immunology/ *FOOT ROT, prevention & control/ *FUSOBACTERIUM, immunology/ HEMAGGLUTINATION TESTS/ MALE/ *PASSIVE TRANSFER/ PEPTIDE HYDROLASES/ SHEEP/ SHEEP DISEASES, immunology/ *SHEEP DISEASES, prevention & control/ *VACCINATION, veterinary

2009. **Egghart F:** Beitrag zur Prophylaxe und Therapie arteriosklerotischer peripherer Durchblutungsstörungen mittels Antikoagulantien.
Wien Med Wochenschr 123:259-60, 21 Apr 73 (Ger)
ADULT/ AGED/ ARTERIOSCLEROSIS OBLITERANS, drug therapy/ *ARTERIOSCLEROSIS OBLITERANS, prevention & control/ COLLATERAL CIRCULATION/ *COUMARINS, therapeutic use/ EXERCISE THERAPY/ FEMALE/ FEMORAL VEIN/ HUMAN/ MALE/ MIDDLE AGE/ PROTHROMBIN TIME/ RETROSPECTIVE STUDIES/ THROMBOSIS, drug therapy/ THROMBOSIS, prevention & control/ VASCULAR RESISTANCE

2010. **Egli F, Elmiger P, Stalder G:** Thrombose als Komplikation des nephrotischen Syndroms.
Helv Paediatr Acta 30:Suppl:20-1, 1973 (Ger)
ADOLESCENCE/ BLOOD COAGULATION DISORDERS, complications/ CHILD/ FEMALE/ HUMAN/ MALE/ *NEPHROTIC SYNDROME, complications/ THROMBOPHLEBITIS, etiology/ *THROMBOSIS, etiology

2011. **Egli M, Regli F, Baumgartner G:** Die Prognose des Karotisverschlusses und der Karotisstenose mit abgeschlossenem zerebralem Insult unter konservativer und nach operativer Therapie.
Schweiz Arch Neurol Neurochir Psychiatr 111:243-57, 1972 (Ger)
ADULT/ AGE FACTORS/ AGED/ ANTICOAGULANTS, therapeutic use/ ARTERIAL OCCLUSIVE DISEASES, drug therapy/ ARTERIAL OCCLUSIVE DISEASES, surgery/ *ARTERIAL OCCLUSIVE DISEASES, therapy/ CAROTID ARTERY DISEASES, drug therapy/ CAROTID ARTERY DISEASES, mortality/ CAROTID ARTERY DISEASES, surgery/ *CAROTID ARTERY DISEASES, therapy/ CEREBRAL EMBOLISM AND THROMBOSIS, drug therapy/ CEREBRAL EMBOLISM AND THROMBOSIS, mortality/ CEREBRAL EMBOLISM AND THROMBOSIS, surgery/ *CEREBRAL EMBOLISM AND THROMBOSIS, therapy/ ENDARTERECTOMY/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ MIDDLE AGE/ PROGNOSIS

2012. **Egorov LV, Rodionova TN:** Sravnitel'naia otsenka razlichnykh metodov vvedeniia khimotripsina pri spaechnykh protsessakh srednego ukha u detei.
Vestn Otorinolaringol 35:38-41, Mar-Apr 73 (Rus)
ADHESIONS, drug therapy/ ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ *CHYMOTRYPSIN, administration & dosage/ CHYMOTRYPSIN, therapeutic use/ COMPARATIVE STUDY/ EAR, MIDDLE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INJECTIONS/ MALE/ *OTITIS MEDIA, drug therapy

2013. **Egorov NS, Arakelova VA:** Vliianie razlichnykh faktorov na aktivnost' proteoliticheskikh fermentov u Actinomyces odorifer 1 ego mutantov.
Mikrobiologiia 41:695-9, Jul-Aug 72 (Rus)
*ACTINOMYCES, enzymology/ CALCIUM, pharmacodynamics/ COPPER, pharmacodynamics/ EDTA, pharmacodynamics/ ENGLISH ABSTRACT/ FIBRINOLYSIS, drug effects/ HYDROGEN-ION CONCENTRATION/ MANGANESE, pharmacodynamics/ MERCURY, pharmacodynamics/ *MUTATION/ *PEPTIDE HYDROLASES, metabolism/ PHENANTHROLINES, pharmacodynamics/ QUINOLINES, pharmacodynamics/ TEMPERATURE/ THIOCARBAMATES, pharmacodynamics/ ZINC, pharmacodynamics

2014. **Egorov NS, Ushakova VI, Arakelova VA:** Biosintez fibrinoliticheskikh fermentov aktinomitsetami pri razvitii na raznykh sredakh.
Biol Nauki 3:89-93, 1972 (Rus)
*ACTINOMYCES, enzymology/ ACTINOMYCES, metabolism/ CULTURE MEDIA/ *FIBRINOLYTIC AGENTS, biosynthesis/ FIBRINOLYTIC AGENTS, pharmacodynamics/ METHODS/ *PEPTIDE HYDROLASES, biosynthesis/ PEPTIDE HYDROLASES, pharmacodynamics/ SPECIES SPECIFICITY/ *STREPTODORNASE AND STREPTOKINASE, biosynthesis/ TIME FACTORS

2015. **Egorov NS, Ushakova VI:** Obrazovanie nepatogennymi plesnevymi gribami roda aspergillus koagulaz, svertyvaiushchikh plazmu i krov' cheloveka.
Dokl Akad Nauk SSSR 211:221-3, Jul-Aug 73 (Rus)
*ASPERGILLUS, enzymology/ *BLOOD COAGULATION, drug effects/ *COAGULASE, biosynthesis/ COAGULASE, pharmacodynamics/ CULTURE MEDIA/ HUMAN

2016. **Ehrengut W:** Schutzimpfungen bei Allergikern. 2.
Med Klin 68:972-4, 20 Jul 73 (Ger)
ADRENAL CORTEX HORMONES, therapeutic use/ ANTIHISTAMINICS, therapeutic use/ CHOLERA VACCINE, adverse effects/ DESENSITIZATION/ HEMORRHAGIC DIATHESIS, drug therapy/ HUMAN/ *HYPERSENSITIVITY, complications/ HYPERSENSITIVITY, drug therapy/ INFLUENZA VACCINE, adverse effects/ POLIOVIRUS VACCINE, adverse effects/ POLIOVIRUS VACCINE, ORAL, adverse effects/ SMALLPOX VACCINE/ TETANUS TOXOID, adverse effects/ TYPHOID-PARATYPHOID VACCINES, adverse effects/ *VACCINATION, adverse effects/ YELLOW FEVER, prevention & control

2017. **Ehrhardt G, Gerl D, Wasmund B:** Morphometrische Untersuchungen der Frühgeborenenplazenta unter besonderer Berücksichtigung der Mikrofibrinoidablagerungen.
Zentralbl Gynaekol 94:1110-5, 26 Aug 72 (Ger)
BIRTH WEIGHT/ FEMALE/ FETAL MEMBRANES, physiology/ FETAL MEMBRANES, physiopathology/ *FIBRIN, analysis/ FIBRIN, physiology/ GESTATIONAL AGE/ HUMAN/ *INFANT, PREMATURE/ MALE/ MATERNAL-FETAL EXCHANGE/ *PLACENTA, analysis/ PLACENTA, physiology/ PLACENTA, physiopathology/ PLACENTA DISORDERS, physiopathology/ PREGNANCY

2018. **Ehrhart LA, McCullagh KG:** Silica urolithiasis in dogs fed an atherogenic diet.
Proc Soc Exp Biol Med 143:131-2, May 73
ANIMAL EXPERIMENTS/ AUTOPSY/ *DIET, ATHEROGENIC/ DISEASE MODELS, ANIMAL/

*DOG DISEASES, etiology/ DOGS/ *KIDNEY CALCULI, etiology/ *SILICA

2019. **Ehrich CC:** Frischblut oder seine Komponenten zur gezielten Transfusionstherapie.
Anaesthesist 22:274-5, Jun 73 (Ger)
BLOOD PLATELETS/ *BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ ERYTHROCYTES/ HUMAN/ LEUKOCYTES/ METHODS

2020. **Ehringer H, Dudczak E, Lechner K, et al:** Therapeutische Defibrinierung mit Schlangengift (Arwin) bei arteriellen Durchblutungsstörungen.
Verh Dtsch Ges Inn Med 78:624-7, 1972 (Ger)
AFIBRINOGENEMIA, chemically induced/ *ARTERIAL OCCLUSIVE DISEASES, drug therapy/ BLOOD COAGULATION/ *ENZYMES, therapeutic use/ FIBRINOLYSIS/ *HEMOLYSINS, therapeutic use/ HUMAN/ SNAKES/ *VENOMS, therapeutic use

2021. **Ehrlich J, Stivala SS:** Chemistry and pharmacology of heparin. J Pharm Sci 62:517-44, Apr 73 (626 ref.)
ANIMAL EXPERIMENTS/ BLOOD CIRCULATION, drug effects/ BLOOD COAGULATION, drug effects/ CHEMISTRY/ CHEMISTRY, ANALYTICAL/ CHEMISTRY, PHYSICAL/ CHROMATOGRAPHY/ DRUG INTERACTIONS/ ELECTROPHORESIS/ *HEPARIN/ HEPARIN, analysis/ HEPARIN, blood/ HEPARIN, isolation & purification/ HEPARIN, metabolism/ HEPARIN, pharmacodynamics/ HEPARIN, radiation effects/ HEPARIN, therapeutic use/ HEPARIN ANTAGONISTS, pharmacodynamics/ HEPARINOID, pharmacodynamics/ HEPARITIN SULFATE, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MASS SPECTRUM ANALYSIS/ MOLECULAR CONFORMATION/ NEOPLASM METASTASIS, drug therapy/ OPTICAL ROTATORY DISPERSION/ OSMOLAR CONCENTRATION/ REVIEW

2022. **Ehrly AM:** Das Verhalten der Blutviscosität bei der Therapie mit Salidiuretika.
Verh Dtsch Ges Inn Med 78:617-20, 1972 (Ger)
*BLOOD VISCOSITY, drug effects/ *DIURETICS, pharmacodynamics/ EDEMA/ FUROSEMIDE, pharmacodynamics/ HUMAN/ PLACEBOS/ TIME FACTORS

2023. **Ehrly AM, Breddin K:** Verbesserung der Fliesseigenschaften des Blutes durch Arwin.
Verh Dtsch Ges Inn Med 78:620-4, 1972 (Ger)
ARTERIAL OCCLUSIVE DISEASES, drug therapy/ *BLOOD VISCOSITY, drug effects/ *ENZYMES, pharmacodynamics/ ENZYMES, therapeutic use/ *HEMOLYSINS, pharmacodynamics/ HEMOLYSINS, therapeutic use/ HUMAN/ SNAKES/ TIME FACTORS/ *VENOMS, pharmacodynamics/ VENOMS, therapeutic use

2024. **Eichner ER:** The hematologic disorders of alcoholism.
Am J Med 54:621-30, May 73 (62 ref.)
ALCOHOL, ETHYL, adverse effects/ ALCOHOL, ETHYL, pharmacodynamics/ ALCOHOLISM, blood/ *ALCOHOLISM, complications/ ANEMIA, HEMOLYTIC, chemically induced/ ANEMIA, MACROCYTIC, chemically induced/ AUTOPSY/ BLOOD PLATELET DISORDERS, etiology/ BONE MARROW CELLS, drug effects/ BONE MARROW DISEASES, etiology/ ERYTHROCYTES/ FOLIC ACID DEFICIENCY, chemically induced/ HEMATOLOGIC DISEASES, chemically induced/ *HEMATOLOGIC DISEASES, etiology/ HUMAN/ LEUKOPENIA, chemically induced/ LIVER DISEASES, chemically induced/ PNEUMONIA, LOBAR, etiology/ REVIEW/ THROMBOPENIA, chemically induced

2025. **Eie H, Ro J, Amundsen E, et al:** Combined thrombolytic and Dotter treatment in arterial occlusive disease.
J Oslo City Hosp 22:141-8, Sep-Oct 72
ANGIOGRAPHY/ ARTERIAL OCCLUSIVE DISEASES, drug therapy/ *ARTERIAL OCCLUSIVE DISEASES, therapy/ ASPERGILLUS/ *CATHETERIZATION/ *FEMORAL ARTERY/ *FIBRINOLYTIC AGENTS, therapeutic use/ FOLLOW-UP STUDIES/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, INTRAVENOUS/ METHODS/ PEPTIDE HYDROLASES, administration & dosage/ *PEPTIDE HYDROLASES, therapeutic use/ RECURRENCE/ TIME FACTORS

2026. **Eika C:** Platelet refractory state induced by heparin.
Scand J Haematol 9:665-72, 1972
AMINES, pharmacodynamics/ BLOOD CELL COUNT/ *BLOOD PLATELETS, drug effects/ CENTRIFUGATION/ CITRATES, pharmacodynamics/ COLLAGEN, pharmacodynamics/ DEPRESSION, CHEMICAL/ EPINEPHRINE, pharmacodynamics/ *HEPARIN, pharmacodynamics/ HUMAN/ *PLATELET ADHESIVENESS/ POLYMERS, pharmacodynamics/ STIMULATION, CHEMICAL/ TIME FACTORS

2027. **Eika C:** The platelet aggregating effect of eight commercial heparins. Scand J Haematol 9:480-2, 1972
ADENOSINE DIPHOSPHATE, metabolism/ BLOOD PLATELETS, metabolism/ CALCIUM/ COMPARATIVE STUDY/ *HEPARIN, pharmacodynamics/ HUMAN/ IN VITRO/ *PLATELET ADHESIVENESS, drug effects

2028. **Eika C, Godal HC:** Inactivation of platelet factor 4 in plasma. Scand J Haematol 9:343-50, 1972
AMINOCAPROIC ACID, pharmacodynamics/ *BLOOD COAGULATION FACTORS, antagonists & inhibitors/ DEPRESSION, CHEMICAL/ FIBRINOLYSIN, pharmacodynamics/ HEPARIN, pharmacodynamics/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ PROTAMINES, antagonists & inhibitors/ THROMBIN, pharmacodynamics/ TIME FACTORS/ TRYPSIN INHIBITORS, pharmacodynamics

2029. **Eisen AZ, Henderson KO, Jeffrey JJ, et al:** A collagenolytic protease from the hepatopancreas of the fiddler crab, Uca pugilator. Purification and properties. Biochemistry 12:1814-22, 24 Apr 73
AMINO ACIDS, analysis/ AMMONIUM SULFATE/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHYMOTRYPSIN/ COLLAGEN/ *CRABS, enzymology/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL DIFFUSION TESTS/ GEL FILTRATION/ GUINEA PIGS/ HYDROGEN-ION CONCENTRATION/ LIVER, enzymology/ MOLECULAR WEIGHT/ OPTICAL ROTATION/ PANCREAS, enzymology/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ *PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ RABBITS, immunology/ SKIN/ SPECIES SPECIFICITY/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN/ VISCOSITY

2030. **Eisen M, Amthor M, Gross P, et al:** Das Hämangioendotheliom der Milz.
Zentralbl Chir 97:1467-75, 14 Oct 72 (Ger)
AGED/ FEMALE/ HEART NEOPLASMS, complications/ HEART NEOPLASMS, diagnosis/ HEMANGIOENDOTHELIOMA, complications/ HEMANGIOENDOTHELIOMA, diagnosis/ HEMANGIOENDOTHELIOMA, pathology/ *HEMANGIOENDOTHELIOMA, surgery/ HUMAN/ LUNG NEOPLASMS, complications/ LUNG NEOPLASMS, diagnosis/ NEOPLASM METASTASIS/ RUPTURE, SPONTANEOUS/ SPLENIC NEOPLASMS, complications/ SPLENIC NEOPLASMS, diagnosis/ SPLENIC NEOPLASMS, pathology/ *SPLENIC NEOPLASMS, surgery

2031. **Eisen V, Loveday C:** Intrinsic activation of plasma kinin formation and complement.
Int Arch Allergy Appl Immunol 45:91-4, 1973

BLOOD COAGULATION/ *COMPLEMENT, biosynthesis/ EDTA, pharmacodynamics/ ENZYME ACTIVATION/ ESTERASES, metabolism/ FACTOR VIII/ HEPARIN ANTAGONISTS, pharmacodynamics/ KALLIKREIN/ *KININS, biosynthesis/ SURAMIN, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics

2032. **Eisen V, Loveday C:** Activation of arginine and tyrosine esterase in serum from patients with hereditary angio-oedema. Br J Pharmacol 46:157-66, Sep 72
ANGIONEUROTIC EDEMA, blood/ *ANGIONEUROTIC EDEMA, enzymology/ ARGININE/ CARRAGEENAN, pharmacodynamics/ CELLULOSE, pharmacodynamics/ COMPLEMENT/ ENZYME ACTIVATION/ ESTERASES, antagonists & inhibitors/ *ESTERASES, blood/ FACTOR XII/ HUMAN/ KALLIKREIN, blood/ TYROSINE

2033. **Eisenhauer LA:** Drug-induced blood dyscrasias. Nurs Clin North Am 7:799-808, Dec 72
AGRANULOCYTOSIS, chemically induced/ ANEMIA, APLASTIC, chemically induced/ ANEMIA, HEMOLYTIC, chemically induced/ ANEMIA, MACROCYTIC, chemically induced/ ANTICOAGULANTS, adverse effects/ BLOOD COAGULATION, drug effects/ CHLORAMPHENICOL, adverse effects/ CONTRACEPTIVES, ORAL, adverse effects/ DRUG INTERACTIONS/ FEMALE/ GLUCOCORTICOIDS, adverse effects/ GLUCOSEPHOSPHATE DEHY- DROGENASE DEFICIENCY, complications/ *HEMATOLOGIC DISEASES, chemically induced/ HUMAN/ THROMBOEMBOLISM, chemically induced/ THROMBOPENIA, chemically induced/ VITAMIN K DEFICIENCY, chemically induced

2034. **Eisner EV, Kasper K:** Immune thrombocytopenia due to a metabolite of para-aminosalicylic acid. Am J Med 53:790-6, Dec 72
ABSORPTION/ AMINOHIPPURIC ACID/ *AMINOSALICYLIC ACID, adverse effects/ ANTIBODY FORMATION/ ANTIGEN-ANTIBODY REACTIONS/ COMPLEMENT FIXATION TESTS/ DRUG HYPERSENSITIVITY, immunology/ GLYCINE, metabolism/ HUMAN/ IGA, analysis/ IGG, analysis/ IGM, analysis/ MALE/ MIDDLE AGE/ *PURPURA, THROMBOPENIC, chemically induced/ PURPURA, THROMBOPENIC, immunology/ SPECIMEN HANDLING/ STRUCTURE-ACTIVITY RELATIONSHIP/ VENOMS

2035. **Ek N:** The quantitative determination of fibrinogen in normal bovine plasma and in cows with inflammatory conditions. Acta Vet Scand 13:175-84, 1972
AGE FACTORS/ ANIMAL EXPERIMENTS/ BLOOD SEDIMENTATION/ CATTLE/ *CATTLE DISEASES, blood/ FEMALE/ *FIBRINOGEN, analysis/ FIBRINOGEN, isolation & purification/ FIBRINOGEN, metabolism/ GAMMA GLOBULIN, analysis/ INFLAMMATION, veterinary/ MALE/ METHODS/ PREGNANCY/ TIME FACTORS

2036. **Ekelund H, Finnström O:** Fibrin degradation products and plasminogen in newborn infants with respiratory disturbances and postnatal asphyxia. Acta Paediatr Scand 61:661-9, Nov 72
APGAR SCORE/ *ASPHYXIA NEONATORUM, blood/ ASPHYXIA NEONATORUM, mortality/ BLOOD/ CEREBRAL HEMORRHAGE, blood/ FEMALE/ *FIBRIN, metabolism/ *FIBRINOGEN, metabolism/ *FIBRINOLYSIS/ GESTATIONAL AGE/ HUMAN/ HYALINE MEMBRANE DISEASE, blood/ HYDROGEN-ION CONCENTRATION/ INFANT, NEWBORN/ LABOR COMPLICATIONS/ OXYGEN, blood/ PARTIAL PRESSURE/ PREGNANCY/ PREGNANCY COMPLICATIONS/ PROGNOSIS/ *RESPIRATORY DISTRESS SYNDROME, blood/ RESPIRATORY DISTRESS SYNDROME, mortality/ TIME FACTORS

2037. **Ekelund H, Pandolfi M, Ostberg G, et al:** Fibrinolytic acivity in lung tissue from neonates with hyaline membrane disease. Acta Paediatr Scand 62:149-57, Mar 73
*ATELECTASIS, metabolism/ ATELECTASIS, pathology/ AUTOPSY/ FEMALE/ FIBRIN FOAM, diagnostic use/ *FIBRINOLYSIS/ *HEMORRHAGIC DISEASE OF NEWBORN, metabolism/ HEMORRHAGIC DISEASE OF NEWBORN, pathology/ HISTOLOGICAL TECHNICS/ HUMAN/ *HYALINE MEMBRANE DISEASE, metabolism/ HYALINE MEMBRANE DISEASE, pathology/ INFANT, NEWBORN/ *LUNG, metabolism/ LUNG, pathology/ MALE/ METHODS/ PLASMINOGEN, metabolism

2038. **Ekert H, Helliger H, Muntz R:** AHF-related protein and precipitation reactions. Br Med J 4:789, 30 Dec 72
ADULT/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ CHILD/ *FACTOR VIII/ HUMAN/ IGM/ IMMUNE SERUMS, isolation & purification/ LIPOPROTEINS/ RABBITS/ VON WILLEBRAND'S DISEASE, immunology

2039. **Ekfors TO, Hopsu-Havu VK:** Properties of the esteropeptidases purified from the mouse submandibular gland. Enzymologia 43:177-89, 30 Sep 72
AMIDES/ ANILIDES/ ARGININE/ BENZOATES/ CASEIN/ CATIONS, DIVALENT/ DRUG STABILITY/ ESTERS/ GEL FILTRATION/ HEAT/ HYDROGEN-ION CONCENTRATION/ KALLIKREIN/ KALLIKREIN-TRYPSIN INACTIVATOR/ KINETICS/ MICE/ MOLECULAR WEIGHT/ NERVE GROWTH FACTOR/ NITRO COMPOUNDS/ ORGANOPHOSPHORUS COMPOUNDS/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ PRECIPITIN TESTS/ PROTEIN DENATURATION/ STRUCTURE-ACTIVITY RELATIONSHIP/ *SUBMANDIBULAR GLAND, enzymology

2040. **Ekfors TO, Maimiharju T, Hopsu-Havu VK:** Isolation of six trypsin-like esteropeptidases from the mouse submandibular gland. Enzymologia 43:151-65, 30 Sep 72
ANILIDES/ ANIMAL EXPERIMENTS/ ARGININE/ BENZOATES/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, STARCH GEL/ ESTERS/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ IMMUNOELECTROPHORESIS/ MALE/ METHODS/ MICE/ NITRO COMPOUNDS/ *PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ RABBITS, immunology/ SERUM ALBUMIN, BOVINE/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *SUBMANDIBULAR GLAND, enzymology/ *TRYPSIN, isolation & purification

2041. **Elbrink J, Bihler I:** Characteristics of the membrane transport of sugars in the lens of the eye. Biochim Biophys Acta 282:337-51, 1 Sep 72
ALCOHOL, METHYL, metabolism/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ BIOLOGICAL TRANSPORT, drug effects/ CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ COMPUTERS, DIGITAL/ DIFFUSION/ DINITROPHENOLS, pharmacodynamics/ GLUCOSE, metabolism/ GLUCOSE, pharmacodynamics/ GLYCOLYSIS, drug effects/ *GLYCOSIDES, metabolism/ IN VITRO/ INSULIN, pharmacodynamics/ KINETICS/ LENS, CRYSTALLINE, drug effects/ *LENS, CRYSTALLINE, metabolism/ MALE/ MEMBRANES, metabolism/ OSMOLAR CONCENTRATION/ PHLORETIN, pharmacodynamics/ POTASSIUM, pharmacodynamics/ RATS/ SODIUM, pharmacodynamics/ SULFHYDRYL REAGENTS, pharmacodynamics/ TRYPSIN, pharmacodynamics/ UNCOUPLING AGENTS, pharmacodynamics

2042. **Elemér C, Iván P, Sándor P, et al:** A percutan lumbalis aortographia jelentősége és szövődményei.

Orv Hetil 114:1558-61, 1 Jul 73 (Hun)
*AORTOGRAPHY, adverse effects/ *HEMATOMA, etiology/ HUMAN/ LEG, blood supply/ LUMBOSACRAL REGION/ PELVIS, blood supply/ *VASCULAR DISEASES, radiography

2043. **Eletr S, Inesi G:** Phase changes in the lipid moieties of sarcoplasmic reticulum membranes induced by temperature and protein conformational changes. Biochim Biophys Acta 290:178-85, 1 Dec 72
ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ CYCLIC N-OXIDES/ ELECTRON SPIN RESONANCE/ HYDROLYSIS/ *LIPIDS, metabolism/ MATHEMATICS/ MEMBRANES, metabolism/ MUSCLE PROTEINS/ PIPERIDINES/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ PYRROLIDINES/ RABBITS/ SARCOPLASMIC RETICULUM, drug effects/ *SARCOPLASMIC RETICULUM, metabolism/ SOLUBILITY/ STRUCTURE-ACTIVITY RELATIONSHIP/ SULFHYDRYL COMPOUNDS/ SURFACE PROPERTIES/ TEMPERATURE/ TRYPSIN, pharmacodynamics

2044. **Eley MH, Namihira G, Hamilton L, et al:** -Keto acid dehydrogenase complexes. 18. Subunit composition of the Escherichia coli pyruvate dehydrogenase complex. Arch Biochem Biophys 152:655-69, Oct 72
AMINO ACIDS, analysis/ AMMONIUM SULFATE/ CENTRIFUGATION, DENSITY GRADIENT/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, PAPER/ *ESCHERICHIA COLI, enzymology/ FLAVOPROTEINS/ GLYCOLS/ MICROSCOPY, ELECTRON/ MOLECULAR WEIGHT/ *MULTIENZYME COMPLEXES/ PEPTIDES, isolation & purification/ POLYETHYLENES/ PRECIPITATION/ PROTEIN CONFORMATION/ PYRUVATE DEHYDROGENASE COMPLEX/ PYRUVATE DEHYDROGENASE COMPLEX, analysis/ PYRUVATE DEHYDROGENASE COMPLEX, isolation & purification/ SODIUM DODECYL SULFATE/ TRYPSIN/ ULTRACENTRIFUGATION

2045. **Elgjo RF, Hovig T:** Ultrastructural studies of platelet 'activation' and aggregation in normal spleen from different species. Scand J Haematol 9:587-602, 1972
ANIMAL EXPERIMENTS/ AORTA/ BLOOD PLATELETS, analysis/ *BLOOD PLATELETS, cytology/ BLOOD PLATELETS, physiology/ CELL MOVEMENT/ CYTOPLASM/ DOGS/ ELECTROPHORESIS/ EPINEPHRINE, pharmacodynamics/ FEMALE/ HEPARIN, pharmacodynamics/ IMMUNE SERUMS, pharmacodynamics/ MACROPHAGES/ MALE/ MICE/ MICROSCOPY, ELECTRON/ ORGANOIDS/ PHAGOCYTOSIS/ *PLATELET ADHESIVENESS/ PLATELET ADHESIVENESS, drug effects/ RABBITS/ SEROTONIN, blood/ *SPLEEN, cytology/ SPLENIC VEIN/ TIME FACTORS

2046. **Elias EG, Brugarolas A:** The role of heparin in the chemotherapy of solid tumors: preliminary clinical trial in carcinoma of the lung. Cancer Chemother Rep 56:783-5, Dec 72
AGED/ CARCINOMA, EPIDERMOID, drug therapy/ CARCINOMA, OAT CELL, drug therapy/ CYCLOPHOSPHAMIDE, therapeutic use/ FIBRINOGEN, analysis/ FLUOROURACIL, therapeutic use/ *HEPARIN, therapeutic use/ HUMAN/ *LUNG NEOPLASMS, drug therapy/ METHOTREXATE, therapeutic use/ MIDDLE AGE/ NEOPLASM METASTASIS/ THIOGUANINE, therapeutic use/ VINCRISTINE, therapeutic use

2047. **Elias EG, Sepulveda F, Mink IB:** Increasing the efficiency of cancer chemotherapy with heparin: "clinical study". J Surg Oncol 5:189-93, 1973
ADENOCARCINOMA, drug therapy/ ADULT/ AGED/ ANTINEOPLASTIC AGENTS, therapeutic use/ CARCINOMA, EPIDERMOID, drug therapy/ FEMALE/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, INTRAVENOUS/ LUNG NEOPLASMS, drug therapy/ MALE/ METHODS/ MIDDLE AGE/ NEOPLASM METASTASIS/ *NEOPLASMS, drug therapy/ SALIVARY GLAND NEOPLASMS, drug therapy

2048. **Eliassen E, Folkow B, OBERG B:** Are there any significant inertial losses in the vascular bed? Acta Physiol Scand 87:567-9, Apr 73
ANIMAL EXPERIMENTS/ BLOOD FLOW VELOCITY/ BLOOD PRESSURE/ *BLOOD VESSELS, physiology/ BLOOD VISCOSITY/ CATS/ EXERTION/ FEMORAL ARTERY/ FEMORAL VEIN/ ISOPROTERENOL, pharmacodynamics/ PAPAVERINE, pharmacodynamics/ *RHEOLOGY/ *VASCULAR RESISTANCE/ VISCOSITY

2049. **Elin RJ, Wolff SM:** Nonspecificity of the limulus amebocyte lysate test: positive reactions with polynucleotides and proteins. J Infect Dis 128:349-52, Sep 73
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ COMPARATIVE STUDY/ CRABS/ DEXTRAN, analysis/ *ENDOTOXINS, analysis/ ESCHERICHIA COLI, metabolism/ FALSE POSITIVE REACTIONS/ HUMAN/ KLEBSIELLA, metabolism/ METHODS/ POLY A-U, analysis/ POLY I-C, analysis/ *POLYNUCLEOTIDES, analysis/ *PROTEINS, analysis/ *PYROGENS, analysis/ RABBITS/ RIBONUCLEASE, analysis/ SALMONELLA TYPHOSA, metabolism/ THROMBIN, analysis/ THROMBOPLASTIN, analysis

2050. **Elion J, Belkhodja O, Wajcman H, et al:** Two variants of hemoglobin D in the algerian population: hemoglobin D Ouled Rabah 19 (BI) Asn leads to Lys and hemoglobin D Iran 22 (Br) Glu leads to Gln. Biochim Biophys Acta 310:360-4, 15 Jun 73
ALGERIA/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ASPARAGINE/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ ELECTROPHORESIS, STARCH GEL/ GLOBIN, analysis/ GLUTAMATES/ GLYCINE/ *HEMOGLOBINS, ABNORMAL/ IRON/ LYSINE/ MUTATION/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ TRYPSIN

2051. **Elkeles RS:** Lipoprotein lipase in human adipose tissue. Clin Sci 44:23P-24P, Jun 73
*ADIPOSE TISSUE, enzymology/ FASTING/ GLYCERIDES/ HEPARIN/ HUMAN/ *LIPOPROTEIN LIPASE, metabolism

2052. **Elleman TC:** The amino acid sequence of protein SCMK-B2A from the high-sulphur fraction of wool keratin. Biochem J 130:833-45, Dec 72
AMINO ACID SEQUENCE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHYMOTRYPSIN/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GENES/ HYDROLYSIS/ *KERATIN, analysis/ METHYLATION/ OXIDATION-REDUCTION/ PEPTIDES/ PROTEINS, analysis/ SULFUR/ TRYPSIN/ *WOOL, analysis

2053. **Elfolk N, Sievers G:** The primary structure of soybean leghemoglobin. I. The separation of the tryptic peptides of the apoprotein from the slow component and their amino acid compositions. Acta Chem Scand 26:1155-65, 1972
AMINO ACIDS, analysis/ APOPROTEINS, analysis/ AUTOANALYSIS/ CHROMATOGRAPHY/ CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ *HEMOGLOBIN, analysis/ HYDROLYSIS/ METHODS/ MOLECULAR WEIGHT/ *PEPTIDES, isolation & purification/ PIGMENTS/ *SOY BEANS, analysis/ *TRYPSIN

2054. **Ellison N, Ominsky AJ:** Clinical considerations for the anesthesiologist whose patient is on anticoagulant therapy. Anesthesiology 39:328-36, Sep 73 (57 ref.)
*ANESTHESIA/ ANIMAL EXPERIMENTS/ *ANTICOAGULANTS, therapeutic use/ BARBITURATES/ BLOOD COAGULATION/ BLOOD COAGULATION DISORDERS, drug

therapy/ BLOOD COAGULATION FACTORS/ BLOOD TRANSFUSION/ CHLORAL HYDRATE/ COUMARINS, therapeutic use/ DRUG INTERACTIONS/ FACTOR VII/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HEPARIN ANTAGONISTS, therapeutic use/ HUMAN/ MONITORING SYSTEMS/ PROTAMINES, therapeutic use/ PROTHROMBIN TIME/ REVIEW/ SHEEP/ SURGERY, OPERATIVE/ TIME FACTORS/ VITAMIN K, administration & dosage

2055. **Ellman L, Carvalho A, Colman RW:** The Thrombo-Wellcotest as a screening test for disseminated intravascular coagulation.
N Engl J Med 288:633-4, 22 Mar 73
AGGLUTINATION TESTS/ COMPARATIVE STUDY/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ FIBRIN/ FIBRINOGEN/ HUMAN/ *LATEX FIXATION TESTS/ METHODS/ SERODIAGNOSIS/ STAPHYLOCOCCUS

2056. **Ellorhaoui M:** Das chronisch-bronchitische Syndrom. Neue pathogenetische und therapeutische Aspekte.
Z Aerztl Fortbild (Jena) 66:707-11, 15 Jul 72 (Ger)
ANTICOAGULANTS, therapeutic use/ ANTI-INFECTIVE AGENTS, therapeutic use/ ARTHRITIS, RHEUMATOID, complications/ *BRONCHITIS/ BRONCHITIS, etiology/ BRONCHITIS, familial & genetic/ BRONCHITIS, immunology/ BRONCHITIS, prevention & control/ BRONCHITIS, therapy/ CHRONIC DISEASE/ CLIMATE/ CYSTIC FIBROSIS, complications/ DETERGENTS, therapeutic use/ EXPECTORANTS, therapeutic use/ HUMAN/ HYPNOTICS AND SEDATIVES, therapeutic use/ OXYGEN INHALATION THERAPY/ PARASYMPATHOLYTICS, therapeutic use/ PHYSICAL THERAPY/ RESPIRATORY TRACT DISEASES, complications/ RESPIRATORY TRACT INFECTIONS, complications/ SINUSITIS, complications/ SMOKING/ SYMPATHOMIMETICS, therapeutic use/ SYNDROME

2057. **Elödi S, Puskás E:** Variants of haemophilia B.
Thromb Diath Haemorrh 28:489-95, 31 Dec 72
ANTIBODIES/ CATTLE/ *CHRISTMAS DISEASE, blood/ CHRISTMAS DISEASE, classification/ CHRISTMAS DISEASE, immunology/ CHRISTMAS DISEASE, occurrence/ *FACTOR IX, analysis/ FACTOR IX, antagonists & inhibitors/ HUMAN/ HUNGARY/ NEUTRALIZATION TESTS/ PROTHROMBIN TIME/ RABBITS, immunology

2058. **Elsbach P, Pettis P, Marcus A:** Lysolecithin metabolism by human platelets.
Blood 37:675-83, Jun 71
ACYLATION/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ CHOLINE, metabolism/ CHROMATOGRAPHY, THIN LAYER/ FATTY ACIDS, NONESTERIFIED, metabolism/ GLYCERYLPHOSPHORYLCHOLINE, biosynthesis/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ LECITHINS, biosynthesis/ *LYSOLECITHIN, metabolism/ PHOSPHORUS ISOTOPES/ POLYSTYRENES, pharmacodynamics/ THROMBIN, pharmacodynamics/ TIME FACTORS

2059. **Elsner B, Schwarz E, Mando OG, et al:** Pathology of 12 fatal cases of Argentine hemorrhagic fever.
Am J Trop Med Hyg 22:229-36, Mar 73
ADRENAL GLANDS, pathology/ ADULT/ ARGENTINA/ CENTRAL NERVOUS SYSTEM, pathology/ DISSEMINATED INTRAVASCULAR COAGULATION/ *EPIDEMIC HEMORRHAGIC FEVER, pathology/ FEMALE/ GASTROINTESTINAL SYSTEM, pathology/ HUMAN/ KIDNEY, pathology/ LIVER, pathology/ LUNG, pathology/ LYMPH NODES, pathology/ MALE/ MIDDLE AGE/ MYOCARDIUM, pathology/ RETROSPECTIVE STUDIES/ SPLEEN, pathology

2060. **Elson CJ, Singh J, Taylor RB:** The effect of capping by anti-immunoglobulin antibody on the expression of cell surface immunoglobulin and on lymphocyte activation.
Scand J Immunol 2:143-9, 1973
ANIMAL EXPERIMENTS/ ANTI-ANTIBODIES/ CELL MEMBRANE, immunology/ CHYMOTRYPSIN, pharmacodynamics/ DEPRESSION, CHEMICAL/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FLUORESCENT ANTIBODY TECHNIC/ IGG/ IMMUNE SERUMS/ *IMMUNOGLOBULINS/ IMMUNOGLOBULINS, FAB/ IODINE ISOTOPES/ *LYMPHOCYTE TRANSFORMATION/ *LYMPHOCYTES, immunology/ MICE/ PAPAIN, pharmacodynamics/ SHEEP/ SPLEEN, immunology/ THYMIDINE/ TRITIUM/ TRYPSIN, pharmacodynamics

2061. **Elton RA:** Assignment of codons to arginine residues in vertebrate proteins.
Nature [New Biol] 243:287-8, 27 Jun 73
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ *ARGININE/ BASE SEQUENCE/ CARBONIC ANHYDRASE/ CARBOXYPEPTIDASES/ CHYMOTRYPSINOGEN/ CYTOCHROME C/ FIBRIN/ GENES, STRUCTURAL/ *GENETIC CODE/ GLUCOSEPHOSPHATE DEHYDROGENASE/ HEMOGLOBIN/ MURAMIDASE/ MYOGLOBIN/ PEPSIN/ *PROTEINS/ RIBONUCLEASE/ TRYPSIN INHIBITORS/ VERTEBRATES

2062. **Elwell LP, Iglewski BH:** Diphtheria toxin: evidence for presence of fragment B in corynebacteriophage.
Biochem Biophys Res Commun 49:609-14, 1 Nov 72
AMINO ACIDS, metabolism/ *BACTERIOPHAGE, analysis/ BACTERIOPHAGE, drug effects/ CARBON ISOTOPES/ CARCINOMA, metabolism/ CARCINOMA, microbiology/ CATTLE/ CELL LINE/ CENTRIFUGATION, DENSITY GRADIENT/ COLIPHAGES/ *CORYNEBACTERIUM DIPHTHERIAE/ *DIPHTHERIA TOXIN, analysis/ DIPHTHERIA TOXIN, antagonists & inhibitors/ DIPHTHERIA TOXIN, pharmacodynamics/ ELECTROPHORESIS, DISK/ HUMAN/ IRON, pharmacodynamics/ MOUTH NEOPLASMS, metabolism/ MOUTH NEOPLASMS, microbiology/ NEOPLASM PROTEINS, biosynthesis/ SERUM ALBUMIN, BOVINE, pharmacodynamics/ SODIUM DODECYL SULFATE/ TRYPSIN/ *VIRAL PROTEINS, analysis/ VIRUS CULTIVATION

2063. **Elwood PC, Chadd MA, Burr M, et al:** Blood clotting and fibrinolysis in areas with different water supplies.
Br J Prev Soc Med 26:246-8, Nov 72
ADULT/ *BLOOD COAGULATION/ FEMALE/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ PLASMINOGEN, analysis/ WATER SOFTENING/ *WATER SUPPLY

2064. **Emanueli A, Molari E, Pirola LC, et al:** Glipizide, a new sulfonylurea in the treatment of diabetes mellitus. Summary of clinical experience in 1064 cases.
Arzneim Forsch 22:1881-5, Nov 72
ADMINISTRATION, ORAL/ ADULT/ AGED/ AMINOTRANSFERASES, blood/ *ANTIDIABETICS, therapeutic use/ BLOOD CELL COUNT/ BLOOD PROTEINS, analysis/ BLOOD SUGAR, analysis/ CHOLESTEROL, blood/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ CYCLOHEXANE, adverse effects/ CYCLOHEXANE, therapeutic use/ DERMATITIS MEDICAMENTOSA, etiology/ *DIABETES MELLITUS, drug therapy/ FEMALE/ GLYCOSURIA, drug therapy/ HUMAN/ HYPOGLYCEMIA, chemically induced/ MALE/ MIDDLE AGE/ NAUSEA, chemically induced/ PROTHROMBIN TIME/ PYRAZINES, adverse effects/ PYRAZINES, therapeutic use/ SULFONYLUREA COMPOUNDS, adverse effects/ *SULFONYLUREA COMPOUNDS, therapeutic use/ TOLBUTAMIDE, therapeutic use/ VOMITING, chemically induced

2065. Emberger JM, Izarn P, Gueraud L: Thymic aplasia and amegakaryocytosis. Lancet 1:159, 20 Jan 73
*BONE MARROW DISEASES, complications/ FEMALE/ HUMAN/ *IMMUNOLOGIC DEFICIENCY SYNDROMES, complications/ INFANT, NEWBORN/ *MEGAKARYOCYTES/ *THROMBOPENIA, complications/ *THYMUS GLAND, abnormalities

2066. Emiliani RA, Jaureguiberry JC: Cirrosis en la infancia. Acta Gastroenterol Latinoam 5:44-54, Jan-Mar 73 (Spa)
BLOOD COAGULATION/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ *LIVER CIRRHOSIS/ LIVER CIRRHOSIS, blood/ LIVER CIRRHOSIS, complications/ LIVER CIRRHOSIS, diagnosis/ LIVER CIRRHOSIS, etiology/ LIVER CIRRHOSIS, immunology/ LIVER CIRRHOSIS, therapy/ MALE/ WATER-ELECTROLYTE BALANCE

2067. Emilianowicz-Czerska W, Szczepankowska M, Niemczyk H, et al: Studies on biosynthesis of polymyxin E (colistin). II. Biosynthesis of polymyxin E by mutants m-5 and d-13 of Bacillus polymyxa K-1. Acta Microbiol Pol [B] 5:29-34, 1973
BACILLUS, enzymology/ BACILLUS, growth & development/ *BACILLUS, metabolism/ HYDROGEN-ION CONCENTRATION/ MUTATION/ PEPTIDE HYDROLASES, metabolism/ *POLYMYXIN, biosynthesis/ TIME FACTORS

2068. Emmanouel DS, Gonzalez-Loya JP, Katz AI: Renal complications of septic shock in pregnancy. J Reprod Med 11:6-14, Jul 73
ABORTION, SEPTIC, complications/ ACID-BASE EQUILIBRIUM/ ANTIBIOTICS, administration & dosage/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FEMALE/ HEMODIALYSIS/ HUMAN/ HYPERKALEMIA, therapy/ HYPNOTICS AND SEDATIVES, administration & dosage/ KIDNEY FAILURE, ACUTE, complications/ KIDNEY FAILURE, ACUTE, diagnosis/ KIDNEY FAILURE, ACUTE, drug therapy/ *KIDNEY FAILURE, ACUTE, etiology/ KIDNEY FAILURE, ACUTE, therapy/ LUNG DISEASES, complications/ MATERNAL MORTALITY/ PREGNANCY/ *PREGNANCY COMPLICATIONS, INFECTIOUS/ *SEPTICEMIA, complications/ *SHOCK, TOXIC, complications/ SHOCK, TOXIC, mortality/ SHOCK, TOXIC, therapy/ WATER-ELECTROLYTE BALANCE

2069. Emmanouel DS, Katz AI: Acute renal failure in obstetric septic shock. Current views on pathogenesis and management.
Am J Obstet Gynecol 117:145-59, 1 Sep 73 (161 ref.)
*ABORTION, SEPTIC, complications/ ANALGESICS AND ANTIPYRETICS, administration & dosage/ ANGIOTENSIN, physiology/ ANIMAL EXPERIMENTS/ ANTIBIOTICS, administration & dosage/ ANTIHYPERTENSIVE AGENTS, administration & dosage/ CATECHOLAMINES, pharmacodynamics/ DIGOXIN, administration & dosage/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DIURETICS, administration & dosage/ DOGS/ FEMALE/ HEMODIALYSIS/ HEMODYNAMICS/ HUMAN/ HYPNOTICS AND SEDATIVES, administration & dosage/ HYPOTENSION, complications/ KIDNEY, blood supply/ KIDNEY, physiology/ KIDNEY CONCENTRATING ABILITY/ KIDNEY CORTEX NECROSIS, etiology/ KIDNEY FAILURE, ACUTE, diagnosis/ KIDNEY FAILURE, ACUTE, drug therapy/ *KIDNEY FAILURE, ACUTE, etiology/ KIDNEY FAILURE, ACUTE, therapy/ PREGNANCY/ *PREGNANCY COMPLICATIONS, INFECTIOUS, complications/ PROSTAGLANDINS, physiology/ RABBITS/ RENIN, physiology/ REVIEW/ *SEPTICEMIA, complications/ *SHOCK, ENDOTOXIC, complications/ SYMPATHETIC NERVOUS SYSTEM, physiopathology/ TRANQUILIZING AGENTS, administration & dosage/ WATER-ELECTROLYTE BALANCE

2070. Emmrich F: Die experimentelle Glomerulonephritis. Therapeutische Studien mit Heparin und Zyklophosphamid.
Fortschr Med 90:1193-7, 16 Nov 72 (Ger)
ANIMAL EXPERIMENTS/ *CYCLOPHOSPHAMIDE, therapeutic use/ GLOMERULONEPHRITIS, chemically induced/ *GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, immunology/ GLOMERULONEPHRITIS, pathology/ *HEPARIN, therapeutic use/ MALE/ RATS/ TOXINS, adverse effects

2071. Emmrich R: Aktuelle klinische Probleme der akuten Hepatitis.
Dtsch Z Verdau Stoffwechselkr 32:29-35, 1972 (Ger)
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ BILIRUBIN, blood/ BLOOD TRANSFUSION, adverse effects/ HEPATITIS, HOMOLOGOUS SERUM, diagnosis/ HEPATITIS, INFECTIOUS, complications/ *HEPATITIS, INFECTIOUS, diagnosis/ HEPATITIS, INFECTIOUS, etiology/ HEPATITIS, INFECTIOUS, immunology/ HEPATITIS, INFECTIOUS, physiopathology/ HEPATITIS, INFECTIOUS, therapy/ HUMAN/ JAUNDICE, etiology/ LIVER FUNCTION TESTS/ RABBITS/ RECURRENCE/ TIME FACTORS/ TRYPSIN, pharmacodynamics/ VIRUS DISEASES, complications

2072. Emmrich R: Herzinfarkt und Wiederaufnahme der Arbeit.
Z Gesamte Inn Med 27:548-54, 1 Jul 72 (Ger)
ADULT/ AGE FACTORS/ AGED/ ANTICOAGULANTS, therapeutic use/ ARTERIOSCLEROSIS/ COMPARATIVE STUDY/ CORONARY CARE UNITS/ CORONARY DISEASE, complications/ CORONARY DISEASE, occurrence/ DISABILITY EVALUATION/ ENGLISH ABSTRACT/ FEMALE/ GERMANY, EAST/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, mortality/ *MYOCARDIAL INFARCT, rehabilitation/ RECURRENCE/ SEX FACTORS/ THROMBOSIS/ TIME FACTORS

2073. Emori HW, Bluestone R, Goldberg LS: Pseudo-leukocytosis associated with cryoglobulinemia. Am J Clin Pathol 60:202-4, Aug 73
ADULT/ ARTHRITIS, RHEUMATOID, blood/ AUTOANALYSIS/ *BLOOD PROTEIN DISORDERS, complications/ CRYOGLOBULINS/ CRYOGLOBULINS, metabolism/ DIAGNOSIS, DIFFERENTIAL/ EDTA/ FIBRINOGEN, metabolism/ HUMAN/ LEUKOCYTE COUNT/ *LEUKOCYTOSIS, complications/ LEUKOCYTOSIS, diagnosis/ MALE/ METHODS/ PLASMA, analysis/ TEMPERATURE

2074. Encke A: Postoperative Komplikationen: thrombo-embolien.
Langenbecks Arch Chir 332:767-74, 1972 (Ger)
ASPIRIN, therapeutic use/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ *POSTOPERATIVE COMPLICATIONS/ POSTOPERATIVE COMPLICATIONS, diagnosis/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM/ *THROMBOEMBOLISM/ THROMBOEMBOLISM, diagnosis/ THROMBOEMBOLISM, prevention & control

2075. Encke A, Grözinger KH: Studies of intravascular coagulation in experimental burns of dogs.
Bull Soc Int Chir 31:445-51, Sep-Oct 72
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ *BURNS, blood/ BURNS, physiopathology/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DOGS/ HEART RATE/ HEMATOCRIT/ MICROCIRCULATION/ THROMBELASTOGRAPHY

2076. Endo M, Yosizawa Z: Hormonal effect on glycoproteins

and glycosaminoglycans in rabbit uteri.
Arch Biochem Biophys 156:397-403, Jun 73
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CASTRATION/ CHONDROITIN/ CHONDROITIN, metabolism/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ DEPRESSION, CHEMICAL/ ELECTROPHORESIS/ ELECTROPHORESIS, PAPER/ *ESTRADIOL, pharmacodynamics/ FEMALE/ GLUCOSE, metabolism/ *GLYCOPROTEINS, metabolism/ GLYCOSIDE HYDROLASES/ HEPARIN/ HYALURONIC ACID, metabolism/ HYALURONIDASE/ *MUCOPOLYSACCHARIDES, metabolism/ OVARY, physiology/ *PROGESTERONE, pharmacodynamics/ PRONASE/ RABBITS/ STIMULATION, CHEMICAL/ SULFURIC ACIDS, metabolism/ UTERUS, drug effects/ *UTERUS, metabolism

2077. **Endres GF, Scheraga HA:** Equilibria in the fibrinogen-fibrin conversion. IX. Effects of calcium ions on the reversible polymerization of fibrin monomer. Arch Biochem Biophys 153:266-78, Nov 72
BINDING SITES/ *CALCIUM/ CATTLE/ *FIBRIN/ FIBRINOGEN/ HYDROGEN-ION CONCENTRATION/ MACROMOLECULAR SYSTEMS/ MAGNESIUM/ MATHEMATICS/ POLYMERS/ POTENTIOMETRY/ PROTEIN BINDING/ ULTRACENTRIFUGATION

2078. **Engel AM, Alexander B:** The effects of bile salts on some coagulation components and related enzymes.
Thromb Diath Haemorrh 27:594-609, 31 Jul 72
*BILE ACIDS AND SALTS, pharmacodynamics/ BLOOD COAGULATION, drug effects/ CATTLE/ ESTERASES, metabolism/ FIBRINOGEN, metabolism/ *FIBRINOLYSIN, metabolism/ *FIBRINOLYSIS, drug effects/ HEMOSTASIS/ HUMAN/ PANCREATIC JUICE/ PANCREATITIS, etiology/ *PLASMINOGEN, metabolism/ PLATELET ADHESIVENESS, drug effects/ PROTEIN BINDING/ PROTHROMBIN, metabolism/ SURFACE PROPERTIES/ THROMBELASTOGRAPHY/ THROMBIN, metabolism/ *TRYPSIN, metabolism/ TRYPSINOGEN, metabolism

2079. **Engel CE, Irvine E, Wakeford RE:** Report on the transferability of an individual learning system.
Br J Med Educ 6:311-6, Dec 72
ATTITUDE/ BLOOD GROUPS/ *EDUCATION, MEDICAL, UNDERGRADUATE/ FACULTY/ *HEMATOLOGY, education/ HEMOSTASIS/ *LEARNING/ LONDON/ NEW ZEALAND/ PERSONALITY INVENTORY/ STUDENTS, MEDICAL/ *TAPE RECORDING

2080. **Engelman RM, Boyd AD, Blum M, et al:** Multiple circumscribed pulmonary hematomas masquerading as metastatic carcinoma.
Ann Thorac Surg 15:291-4, Mar 73
ADULT/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ *HEMATOMA, diagnosis/ HEMATOMA, etiology/ HEMATOMA, radiography/ HUMAN/ *LUNG DISEASES, diagnosis/ LUNG DISEASES, etiology/ LUNG DISEASES, radiography/ *LUNG NEOPLASMS, diagnosis/ MALE/ NEOPLASM METASTASIS/ THORACIC INJURIES, complications/ TOMOGRAPHY

2081. **Engelman RM, Chase RM Jr, Boyd AD, et al:** Lethal postoperative infections following cardiac surgery. Review of four years' experience.
Circulation 48:Suppl 3:31-6, Jul 73
ADULT/ AGED/ CARDIAC OUTPUT/ CORONARY DISEASE, surgery/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ENDOCARDITIS, BACTERIAL, complications/ EXTRACORPOREAL CIRCULATION, adverse effects/ FEMALE/ *HEART SURGERY, adverse effects/ HEART VALVE DISEASES, surgery/ HUMAN/ *INFECTION, mortality/ KLEBSIELLA INFECTIONS, mortality/ MALE/ MEDIASTINAL DISEASES, mortality/ MIDDLE AGE/ MONILIASIS, mortality/ PLEURAL DISEASES, mortality/ PNEUMONIA, mortality/ *POSTOPERATIVE COMPLICATIONS, mortality/ STAPHYLOCOCCAL INFECTIONS, mortality/ STREPTOCOCCAL INFECTIONS, mortality/ TETRALOGY OF FALLOT, surgery/ URINARY TRACT INFECTIONS, mortality

2082. **England B:** Concentration of reovirus and adenovirus from sewage and effluents by protamine sulfate (salmine) treatment. Appl Microbiol 24:510-2, Sep 72
*ADENOVIRUS, isolation & purification/ CALIFORNIA/ *ENTEROVIRUS, isolation & purification/ METHODS/ MICROPORE FILTERS/ PRECIPITATION/ *PROTAMINES/ *REOVIRUS, isolation & purification/ SERUM ALBUMIN, BOVINE/ *SEWAGE/ VIRUS CULTIVATION/ *WATER MICROBIOLOGY

2083. **English GM, Hemenway WG, Cundy RL:** Surgical treatment of invasive angiofibroma.
Arch Otolaryngol 96:312-8, Oct 72
ADOLESCENCE/ ADULT/ AIRWAY OBSTRUCTION, etiology/ ANGIOMA, SCLEROSING, complications/ ANGIOMA, SCLEROSING, radiography/ *ANGIOMA, SCLEROSING, surgery/ CAROTID ARTERIES, radiography/ CHILD/ CRYOGENIC SURGERY/ EPISTAXIS, etiology/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ MAXILLARY SINUS, pathology/ METHODS/ NASOPHARYNGEAL NEOPLASMS, complications/ NASOPHARYNGEAL NEOPLASMS, radiography/ *NASOPHARYNGEAL NEOPLASMS, surgery/ NOSE, secretion/ PALATAL NEOPLASMS, pathology/ TOMOGRAPHY, RADIOGRAPHIC

2084. **Engquist A, Winther O:** Variations of plasma cortisol and blood fibrinolytic activity during anaesthetic and surgical stress. Br J Anaesth 44:1291-7, Dec 72
ADULT/ AGED/ *ANESTHESIA, GENERAL/ BLOOD COAGULATION/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ *HYDROCORTISONE, blood/ MALE/ MIDDLE AGE/ *STRESS, blood/ SURGERY, OPERATIVE/ TIME FACTORS

2085. **Enker WE, Simonowitz D:** Experience in the operative management of penetrating injuries of the neck.
Surg Clin North Am 53:87-95, Feb 73
ADOLESCENCE/ ADULT/ ANGIOGRAPHY/ AORTA, radiography/ ARTERIES, injuries/ BLOOD VESSEL PROSTHESIS/ CENTRAL NERVOUS SYSTEM, injuries/ CHILD/ CHILD, PRESCHOOL/ DEBRIDEMENT/ ESOPHAGEAL PERFORATION, radiography/ FEMALE/ HEMATOMA, prevention & control/ HUMAN/ LARYNX, radiography/ MALE/ METHODS/ MIDDLE AGE/ *NECK, injuries/ NECK, surgery/ VEINS, injuries/ WOUND INFECTION, prevention & control/ WOUNDS AND INJURIES, complications/ WOUNDS AND INJURIES, etiology/ WOUNDS AND INJURIES, radiography

2086. **Enomoto K, Sato R:** Incorporation in vitro of purified cytochrome b 5 into liver microsomal membranes.
Biochem Biophys Res Commun 51:1-7, 5 Mar 73
ANIMAL EXPERIMENTS/ CENTRIFUGATION, DENSITY GRADIENT/ CYTOCHROME REDUCTASES, metabolism/ *CYTOCHROMES, metabolism/ IN VITRO/ MEMBRANES, metabolism/ MICROSOMES, LIVER, enzymology/ *MICROSOMES, LIVER, metabolism/ NAD, metabolism/ RABBITS/ RATS/ SPECTROPHOTOMETRY/ STRUCTURE-ACTIVITY RELATIONSHIP/ SUCROSE/ TEMPERATURE/ TIME FACTORS/ TRYPSIN

2087. **Enser M:** Clearing-factor lipase in obese hyperglycaemic mice (ob-ob).
Biochem J 129:447-53, Sep 72
AGE FACTORS/ ANIMAL EXPERIMENTS/ CHOLESTEROL, blood/ EPIDIDYMIS, enzymology/ FEMALE/ GENOTYPE/ GLYCERIDES, blood/ HYPERCHOLESTEREMIA/ *HYPERGLYCEMIA, enzymology/ HYPERGLYCEMIA, familial & genetic/ *LIPOPROTEIN LIPASE, metabolism/

MALE/ MICE/ MICE, INBRED STRAINS/ MYOCARDIUM, enzymology/ OBESITY, blood/ *OBESITY, enzymology/ OBESITY, familial & genetic/ STARVATION/ TRIGLYCERIDES, blood

2088. **Ensthaler J, Jakubek H, Scheurecker F:** Erfahrungen und Ergebnisse mit Hüftgelenksendototalprothesen.
Wien Med Wochenschr 123:423-6, 30 Jun 73 (Ger)
ADULT/ AGED/ BLOOD COAGULATION DISORDERS, etiology/ DISLOCATIONS/ FEMALE/ *HIP, surgery/ *HIP JOINT/ HUMAN/ *JOINT PROSTHESIS/ MALE/ MIDDLE AGE/ OSTEOARTHRITIS, surgery/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, etiology

2089. **Epstein WL, Sagebeil R, Spitler L, et al:** Halo nevi and melanoma.
JAMA 225:373-7, 23 Jul 73
ADULT/ ANTIBODIES, analysis/ ANTIGENS, analysis/ FEMALE/ HUMAN/ IMMUNE ADHERENCE REACTION/ IMMUNITY, CELLULAR/ LYMPHOCYTES, immunology/ MALE/ MELANOMA, enzymology/ MELANOMA, immunology/ MELANOMA, pathology/ *MELANOMA, surgery/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ NEVUS, enzymology/ *NEVUS, etiology/ NEVUS, pathology/ POSTOPERATIVE COMPLICATIONS/ SKIN TESTS/ STREPTODORNASE AND STREPTOKINASE, metabolism

2090. **Erdman S, Vidne B, Levy MJ:** [Patient-control method for long term anticoagulant therapy]
Harefuah 84:153-5, 1 Feb 73 (Heb)
ADOLESCENCE/ ADULT/ AGED/ *ANTICOAGULANTS, administration & dosage/ ANTICOAGULANTS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HEART VALVE PROSTHESIS/ HUMAN/ ISRAEL/ *LONG TERM CARE/ MALE/ METHODS/ MIDDLE AGE/ PATIENT CARE PLANNING/ PROTHROMBIN TIME

2091. **Erdos MS, Butt K, Weinstein L:** Mucormycotic endocarditis of the pulmonary valve.
JAMA 222:951-3, 20 Nov 72
AGED/ ANEMIA, diagnosis/ AUTOPSY/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ *ENDOCARDITIS, etiology/ HEART FAILURE, CONGESTIVE, diagnosis/ *HEART VALVE DISEASES, microbiology/ HUMAN/ HYPONATREMIA, diagnosis/ HYPOTENSION, pathology/ LEUKOPENIA, diagnosis/ MALE/ *MUCOR, isolation & purification/ *MYCOSES, complications/ MYELOFIBROSIS, diagnosis/ MYELOID METAPLASIA, diagnosis/ PROSTATIC HYPERTROPHY, diagnosis/ *PULMONARY VALVE, pathology

2092. **Erhardt LR, Lundman T, Melistedt H:** Incorporation of 125 I-labelled fibrinogen into coronary arterial thrombi in acute myocardial infarction in man.
Lancet 1:387-90, 24 Feb 73
ACUTE DISEASE/ AGED/ ARTERIES/ AUTOPSY/ BISHYDROXYCOUMARIN, therapeutic use/ *CORONARY VESSELS/ FEMALE/ FIBRINOGEN, administration & dosage/ *FIBRINOGEN, metabolism/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, INTRAVENOUS/ IODINE ISOTOPES/ ISOTOPE LABELING/ MALE/ *MYOCARDIAL INFARCT, metabolism/ MYOCARDIAL INFARCT, pathology/ THROMBOSIS, drug therapy/ *THROMBOSIS, metabolism/ THROMBOSIS, pathology/ TIME FACTORS

2093. **Erichsen J:** Thromboseprophylaxe mit Calciparin.
Med Welt 23:1361-2, 23 Sep 72 (Ger)
ADULT/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ *THROMBOSIS, prevention & control

2094. **Erickson C, String T, Stewart D, et al:** Evaluation of methods for the detection and quantitation of serum fibrin-fibrinogen degradation products.
Am J Clin Pathol 58:394-9, Oct 72
COMPARATIVE STUDY/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ ERYTHROCYTES, immunology/ *FIBRIN, analysis/ *FIBRINOGEN, analysis/ *HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ LATEX FIXATION TESTS/ METHODS/ SHEEP, immunology

2095. **Eriksson S, Killander J, Wadman B:** Leuco-erythroblastic anaemia in prostatic cancer. Report of two cases with complete haematological remission.
Scand J Haematol 9:648-53, 1972
ACID PHOSPHATASE, blood/ AGAMMAGLOBULINEMIA, complications/ AGED/ ANEMIA, MYELOPHTHISIC, blood/ *ANEMIA, MYELOPHTHISIC, complications/ ANEMIA, MYELOPHTHISIC, enzymology/ BLOOD PLATELET DISORDERS, complications/ *BONE MARROW DISEASES, complications/ DIETHYLSTILBESTROL, therapeutic use/ ERYTHROCYTES/ ERYTHROPOIESIS/ HALF-LIFE/ HUMAN/ IRON, blood/ IRON ISOTOPES/ LACTATE DEHYDROGENASE, blood/ LEUKOCYTES/ MALE/ NEOPLASM METASTASIS/ OSMOTIC FRAGILITY/ PROSTATIC NEOPLASMS, blood/ *PROSTATIC NEOPLASMS, complications/ PROSTATIC NEOPLASMS, drug therapy/ PROSTATIC NEOPLASMS, enzymology/ REMISSION/ TIME FACTORS

2096. **Erlanger BF:** Principles and methods for the preparation of drug protein conjugates for immunological studies.
Pharmacol Rev 25:271-80, Jun 73 (74 ref.)
ALDEHYDES/ AMINES/ ANHYDRIDES/ CARBAMATES/ CARBODIIMIDES/ CARDANOLIDES/ CHEMISTRY/ *DRUGS/ FIBRINOGEN/ GLOBULINS/ HAPTENS/ HEMOCYANIN/ HUMAN/ KETONES/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ *PROTEINS/ REVIEW/ SERUM ALBUMIN/ STEROIDS/ SUCCINATES

2097. **Erlanger BF, Wassermann NH, Cooper AG:** Allosteric activation of chymotrypsin-catalyzed hydrolysis of specific substrates.
Biochem Biophys Res Commun 52:208-15, 1 May 73
ALLOSTERIC REGULATION/ *CHYMOTRYPSIN, metabolism/ ENZYME ACTIVATION/ KINETICS/ MOLECULAR CONFORMATION/ PROTEIN CONFORMATION/ SPECTROPHOTOMETRY

2098. **Ermakov EA, Taranin EI:** Gemostaz i upravliaemaia gipotoniia pod endotrakheal'nym narkozom v operativnoi otorinolaringologii.
Zh Ushn Nos Gorl Bolezn 32:73-8, Jul-Aug 72 (Rus)
ADOLESCENCE/ ADULT/ AGED/ *ANESTHESIA, INTRATRACHEAL/ BLOOD PRESSURE/ ENGLISH ABSTRACT/ FEMALE/ *HEMOSTASIS/ HUMAN/ *HYPOTENSION, CONTROLLED/ MALE/ MIDDLE AGE/ *OTORHINOLARYNGOLOGIC DISEASES, surgery

2099. **Erödi A:** Magnesium--antikoagulierend wirkender physiologischer Elektrolyt.
Med Klin 68:216-9, 16 Feb 73 (32 ref.) (Ger)
ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION DISORDERS, physiopathology/ BLOOD PLATELETS, drug effects/ BLOOD PRESSURE, drug effects/ CALCIUM, metabolism/ CHOLESTEROL, metabolism/ ENZYME ACTIVATION, drug effects/ ERYTHROCYTES, drug effects/ FEMALE/ FIBRINOGEN, metabolism/ HEART, drug effects/ HUMAN/ IMMUNITY, drug effects/ LIPIDS, metabolism/ MAGNESIUM, metabolism/ *MAGNESIUM, pharmacodynamics/ MAGNESIUM, therapeutic use/ MUSCLE, SMOOTH, drug effects/ NEOPLASMS, metabolism/ PHAGOCYTOSIS, drug effects/ PREGNANCY/ RATS/ REVIEW/ STRESS, metabolism/ THROMBOEMBOLISM, drug therapy

2100. **Erskine JM:** Ruptured intrahepatic aneurysm.
Arch Surg 106:219-22, Feb 73
ADULT/ *ANEURYSM, complications/ ANGIOGRAPHY/ ARRHYTHMIA, etiology/ BLOOD TRANSFUSION/ FEMALE/ FEVER, etiology/ HEMATOMA, diagnosis/ HEMATOMA, etiology/ HEMATOMA, therapy/ HEMOPERITONEUM, etiology/ HEMORRHAGE, etiology/ *HEPATIC ARTERY/ HEPATIC ARTERY, radiography/ HUMAN/ JAUNDICE, etiology/ RADIOISOTOPE SCANNING/ REST/ RUPTURE, SPONTANEOUS, complications

2101. **Erwa HH:** Studies on two methods for extraction of streptococcal T antigens.
J Hyg (Camb) 71:131-8, Mar 73
*ANTIGENS, BACTERIAL, isolation & purification/ BACTERIAL PROTEINS/ BACTERIOPHAGE/ IMMUNE SERUMS/ MUCOPROTEINS/ POLYSACCHARIDES, BACTERIAL/ *STREPTOCOCCUS, immunology/ TRYPSIN

2102. **Escande JP:** Physio-pathologie de l'urticaire. Le rôle des récepteurs adrénergiques.
Nouv Presse Med 1:2111-2, 16 Sep 72 (Fre)
*ADRENERGIC ALPHA RECEPTOR BLOCKADERS, therapeutic use/ BLOOD PLATELETS, drug effects/ CATECHOLAMINES, physiology/ ENGLISH ABSTRACT/ *ERGOTAMINE, therapeutic use/ HUMAN/ *RECEPTORS, ADRENERGIC/ RECEPTORS, ADRENERGIC, drug effects/ URTICARIA, drug therapy/ *URTICARIA, physiopathology

2103. **Eschbach JW, Adamson JW:** Improvement in the anemia of chronic renal failure with fluoxymesterone.
Ann Intern Med 78:527-32, Apr 73
ANEMIA, APLASTIC, drug therapy/ *ANEMIA, APLASTIC, etiology/ BLOOD COAGULATION/ BLOOD TRANSFUSION/ ERYTHROPOIESIS, drug effects/ *ERYTHROPOIETIN, biosynthesis/ FEMALE/ FLUOXYMESTERONE, adverse effects/ *FLUOXYMESTERONE, therapeutic use/ HUMAN/ IRON, blood/ IRON ISOTOPES/ KIDNEY, drug effects/ KIDNEY, secretion/ *KIDNEY FAILURE, CHRONIC, complications/ LIVER, drug effects/ LIVER FUNCTION TESTS/ LONG TERM CARE/ MALE/ PROTHROMBIN TIME/ WARFARIN, adverse effects

2104. **Esguerra A, Carvajal A, Mouton H:** Pelvic arteriography in the diagnosis of hemangioma of the bladder. J Urol 109:609-11, Apr 73
ADULT/ *ANGIOGRAPHY/ ANGIOMATOSIS, complications/ BLADDER NEOPLASMS, complications/ BLADDER NEOPLASMS, diagnosis/ BLADDER NEOPLASMS, pathology/ *BLADDER NEOPLASMS, radiography/ FACIAL NEOPLASMS, complications/ FEMALE/ FEMORAL ARTERY, radiography/ HEMANGIOMA, complications/ HEMANGIOMA, diagnosis/ HEMANGIOMA, pathology/ *HEMANGIOMA, radiography/ HUMAN/ ILIAC ARTERY, radiography

2105. **Esmon CT, Owen WG, Duiguid DL, et al:** The action of thrombin on blood clotting factor V: conversion of factor V to a prothrombin-binding protein.
Biochim Biophys Acta 310:289-94, 17 May 73
BINDING SITES/ CATTLE/ CHROMATOGRAPHY, AFFINITY/ CYANOGEN BROMIDE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FACTOR V, metabolism/ HUMAN/ KINETICS/ POLYSACCHARIDES/ PROTEIN BINDING/ *PROTHROMBIN, metabolism/ SNAKES/ *THROMBIN, pharmacodynamics/ VENOMS, pharmacodynamics

2106. **Esnouf MP, Lloyd PH, Jesty J:** A method for the simultaneous isolation of factor X and prothrombin from bovine plasma. Biochem J 131:781-9, Apr 73
CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FACTOR X, analysis/ *FACTOR X, isolation & purification/ FACTOR X, metabolism/ METHODS/ MOLECULAR WEIGHT/ PROTHROMBIN, analysis/ *PROTHROMBIN, isolation & purification/ PROTHROMBIN, metabolism/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TIME FACTORS/ ULTRACENTRIFUGATION

2107. **Espiritu CR, Mendoza J, Gratz CJ:** Mallory-Weiss syndrome presenting as a gastric tumor.
JFMA 60:24-5, Mar 73
AGED/ DIAGNOSIS, DIFFERENTIAL/ ESOPHAGOGASTRIC JUNCTION, surgery/ HEMATEMESIS, etiology/ *HEMATOMA, diagnosis/ HEMATOMA, radiography/ HUMAN/ MALE/ *MALLORY-WEISS SYNDROME, diagnosis/ MALLORY-WEISS SYNDROME, radiography/ STOMACH DISEASES, diagnosis/ STOMACH DISEASES, radiography/ *STOMACH NEOPLASMS, diagnosis/ VOMITING, complications

2108. **Esposito G:** La sutura della perforazione con drenaggio peritoneale nel trattamento delle ulcere gastro-duodenali perforate.
Minerva Chir 28:609-21, 15 May 73 (Ita)
CHLORAMPHENICOL, therapeutic use/ DRAINAGE/ DUODENAL ULCER, surgery/ FEMALE/ HUMAN/ ITALY/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ PEPTIC ULCER PERFORATION, mortality/ *PEPTIC ULCER PERFORATION, surgery/ PERITONEAL CAVITY/ POSTOPERATIVE COMPLICATIONS, prevention & control/ STOMACH ULCER, surgery/ SUTURE TECHNICS/ TETRACYCLINE, therapeutic use

2109. **Esposito JM:** The laparoscope: an aid in the diagnosis of the intact ectopic gestation.
J Reprod Med 9:158-60, Oct 72
ADHESIONS, diagnosis/ ADNEXITIS, diagnosis/ ADOLESCENCE/ ADULT/ AGE FACTORS/ FEMALE/ HUMAN/ *LAPAROSCOPY/ MENSTRUATION DISORDERS, diagnosis/ OVARIAN CYSTS, diagnosis/ OVARIAN DISEASES, diagnosis/ PREGNANCY/ *PREGNANCY, ECTOPIC, diagnosis

2110. **Esterl D, Lehmann J:** Fibrinthromben in Lungengefässen beim Wilson-Mikity-Syndrom.
Dtsch Gesundheitsw 27:1124-6, 15 Jun 72 (Ger)
ENGLISH ABSTRACT/ FEMALE/ *FIBRIN/ HUMAN/ INFANT/ INFANT, NEWBORN/ *PULMONARY ARTERY/ PULMONARY ARTERY, pathology/ *RESPIRATORY DISTRESS SYNDROME, complications/ RESPIRATORY DISTRESS SYNDROME, pathology/ *THROMBOSIS, complications/ THROMBOSIS, pathology

2111. **Esterly NB, Solomon LM:** Neonatal dermatology. 3. Pigmentary lesions and hemangiomas.
J Pediatr 81:1003-13, Nov 72 (33 ref.)
ADDISON'S DISEASE, complications/ ALBINISM/ ANGIOMATOSIS/ CHEDIAK-HIGASHI SYNDROME, complications/ *HEMANGIOMA/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ INFLAMMATION, complications/ LENTIGO, familial & genetic/ LYMPHANGIOMA/ MELANOSIS, familial & genetic/ NEVUS, PIGMENTED/ NIEMANN-PICK DISEASE, complications/ NUTRITION DISORDERS, complications/ PEUTZ-JEGHERS SYNDROME, complications/ PHENYLKETONURIA, complications/ *PIGMENTATION DISORDERS/ REVIEW/ SKIN MANIFESTATIONS/ *SKIN NEOPLASMS/ TUBEROUS SCLEROSIS, complications/ WAARDENBURG'S SYNDROME, complications/ XERODERMA PIGMENTOSUM

2112. **Estes JW:** Platelet abnormalities in heritable disorders of connective tissue.
Ann NY Acad Sci 201:445-50, 27 Oct 72
ARACHNODACTYLY, blood/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS/ CLOT RETRACTION/

DISLOCATIONS/ *DYSCHONDROPLASIA, blood/ EHLERS-DANLOS SYNDROME, blood/ HUMAN/ LIPOCHONDRODYSTROPHY, blood/ MICROSCOPY, ELECTRON/ PLATELET ADHESIVENESS/ PSEUDOXANTHOMA ELASTICUM, blood/ SYNDROME/ WRIST, abnormalities

2113. **Estrada S, Cárabez A:** Specific inhibition by macrocyclic polyethers of mitochondrial electron transport at site I. J Bioenerg 3:429-43, Aug 72
ANIMAL EXPERIMENTS/ BENZENE DERIVATIVES, pharmacodynamics/ CATTLE/ CESIUM, pharmacodynamics/ CYCLOHEXANE, pharmacodynamics/ *ELECTRON TRANSPORT, drug effects/ *ETHERS, CYCLIC, pharmacodynamics/ GLUTAMATES, metabolism/ IN VITRO/ ISOCITRATES, metabolism/ KETOGLUTARIC ACID, metabolism/ MALATES, metabolism/ MITOCHONDRIA, drug effects/ *MITOCHONDRIA, metabolism/ MITOCHONDRIA, LIVER, metabolism/ MITOCHONDRIA, MUSCLE, metabolism/ MYOCARDIUM, metabolism/ POLYMERS, pharmacodynamics/ POTASSIUM, metabolism/ PYRUVATES, metabolism/ RATS/ SACCHAROMYCES CEREVISIAE, metabolism/ VALINOMYCIN, pharmacodynamics/ VITAMIN K, pharmacodynamics

2114. **Etheredge EE, Franecki BH, Najarian JS:** Variables in an assay of soluble human transplantation antigens. Tissue Antigens 1:109-20, 1971
ANTIBODY SPECIFICITY/ ANTIGEN-ANTIBODY REACTIONS/ BLOOD PLATELETS, immunology/ COMPLEMENT/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ *HISTOCOMPATIBILITY ANTIGENS, analysis/ *HISTOCOMPATIBILITY TESTING, standards/ HUMAN/ IMMUNE SERUMS/ LYMPHOCYTES, immunology/ RABBITS, immunology/ SOLUBILITY/ *TRANSPLANTATION IMMUNOLOGY

2115. **Etheredge EE, Shons AR, Najarian JS:** Solubilization of HL-A antigens from peripheral blood leukocytes. Immunol Commun 2:141-9, 1973
BLOOD PLATELETS, analysis/ BLOOD VOLUME/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ HEMOGLOBIN, analysis/ *HISTOCOMPATIBILITY ANTIGENS/ HISTOCOMPATIBILITY ANTIGENS, isolation & purification/ HUMAN/ IMMUNE SERUMS/ IMMUNOLOGIC TECHNICS/ LEUKOCYTE COUNT/ *LEUKOCYTES, immunology/ MALE/ METHODS/ PROTEINS, analysis/ SOLUBILITY/ TRANSPLANTATION IMMUNOLOGY

2116. **Etherington DJ:** Collagenolytic-cathepsin and acid-proteinase activities in the rat uterus during post partum involution. Eur J Biochem 32:126-8, 3 Jan 73
ANIMAL EXPERIMENTS/ CATHEPSIN, antagonists & inhibitors/ *CATHEPSIN, metabolism/ CHLOROMERCURIBENZOATES/ COLLAGEN/ CYSTEINE/ DITHIOTHREITOL/ ENZYME ACTIVATION, drug effects/ FEMALE/ HEMOGLOBIN/ HYDROGEN-ION CONCENTRATION/ *PEPTIDE HYDROLASES, metabolism/ PREGNANCY/ *PUERPERIUM/ RATS/ TIME FACTORS/ *UTERUS, enzymology

2117. **Eurenius S, Smith RM:** The effect of warming on the serum potassium content of stored blood. Anesthesiology 38:482-4, May 73
*BLOOD PRESERVATION/ ERYTHROCYTES, analysis/ HEAT/ HEMOGLOBIN/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *POTASSIUM, blood/ SODIUM, blood/ TIME FACTORS

2118. **Evans A, Walder DN:** Starting transients in haemoviscometry. Biorheology 10:77, Mar 73
*BLOOD VISCOSITY/ HUMAN/ RHEOLOGY

2119. **Evans DJ, Williams DG, Peters DK, et al:** Glomerular deposition of properdin in Henoch-Schönlein syndrome and idiopathic focal nephritis. Br Med J 3:326-8, 11 Aug 73
BIOPSY/ COMPLEMENT/ FIBRIN, metabolism/ FLUORESCENT ANTIBODY TECHNIC/ GLYCINE, metabolism/ GLYCOPROTEINS, metabolism/ HUMAN/ IGA/ IGG/ KIDNEY GLOMERULUS, immunology/ *KIDNEY GLOMERULUS, metabolism/ NEPHRITIS, immunology/ *NEPHRITIS, metabolism/ *PROPERDIN, metabolism/ PURPURA, immunology/ *PURPURA, metabolism

2120. **Evans EP, Branch RA, Bloom AL:** A clinical and experimental study of platelet function in chronic renal failure. J Clin Pathol 25:745-53, Sep 72
ADENOSINE DIPHOSPHATE/ ADOLESCENCE/ ADULT/ *BLOOD COAGULATION/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD PLATELET DISORDERS, etiology/ *BLOOD PLATELETS/ DIABETIC NEPHROPATHIES, blood/ FEMALE/ GLOMERULONEPHRITIS, blood/ HUMAN/ HYPERTENSION, MALIGNANT, blood/ *KIDNEY FAILURE, CHRONIC, blood/ KIDNEY, POLYCYSTIC, blood/ MALE/ MIDDLE AGE/ PLATELET ADHESIVENESS/ PYELONEPHRITIS, blood/ THROMBIN/ UREMIA

2121. **Evans GW, Curtin FG, McCarthy HF, et al:** Scintigraphy in traumatic lesions of liver and spleen. JAMA 222:665-7, 6 Nov 72
*ABDOMINAL INJURIES, diagnosis/ ADOLESCENCE/ ADULT/ AGED/ COLLOIDS, diagnostic use/ EVALUATION STUDIES/ FEMALE/ HEMATOMA, diagnosis/ HEMATOMA, etiology/ HUMAN/ *LIVER, injuries/ LIVER DISEASES, diagnosis/ MALE/ *RADIOISOTOPE SCANNING/ *SPLEEN, injuries/ SPLENIC DISEASES, diagnosis/ SULFUR, diagnostic use/ TECHNETIUM, diagnostic use

2122. **Evans IL, Young AE:** Internal pudendal arteriography after priapism. Br J Surg 60:329-30, Apr 73
ADULT/ ANGIOGRAPHY/ CATHETERIZATION/ EJACULATION/ HEPARIN, therapeutic use/ HUMAN/ IMPOTENCE, radiography/ MALE/ PRIAPISM, drug therapy/ *PRIAPISM, radiography/ PROGNOSIS

2123. **Evans MC, Telfer A, Smith RV:** The purification and some properties of the molybdenum-iron protein of Chromatium nitrogenase. Biochim Biophys Acta 310:344-52, 15 Jun 73
ADENOSINE TRIPHOSPHATE/ BINDING SITES/ *CHROMATIUM, enzymology/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTRON SPIN RESONANCE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FERREDOXINS/ FERREDOXINS, analysis/ FERREDOXINS, isolation & purification/ GEL FILTRATION/ IRON, analysis/ MOLYBDENUM/ MOLYBDENUM, analysis/ *OXIDOREDUCTASES/ OXIDOREDUCTASES, isolation & purification/ PRECIPITATION/ PROTAMINES/ RADIOISOTOPES/ SULFUR, analysis/ TEMPERATURE/ ULTRAFILTRATION

2124. **Evans R:** Preparation of pure cultures of tumor macrophages. J Natl Cancer Inst 50:271-3, Jan 73
ANIMAL EXPERIMENTS/ *CELLS, CULTURED/ CLOSTRIDIOPEPTIDASE A/ CULTURE MEDIA/ CYTOLOGICAL TECHNICS/ *FIBROSARCOMA/ *MACROPHAGES/ MICE/ RATS/ *SARCOMA, EXPERIMENTAL/ TRYPSIN

2125. **Evans R:** Macrophages in syngeneic animal tumours. Transplantation 14:468-73, Oct 72
ANIMAL EXPERIMENTS/ COMPLEMENT/ *FIBROSARCOMA, immunology/ GUINEA PIGS, immunology/ IMMUNE SERUMS/ IMMUNITY, CELLULAR/ *MACROPHAGES/ METHODS/ MICE/ MICE, immunology/ NEOPLASM TRANSPLANTATION/ NEOPLASMS, EXPERIMENTAL, immunology/ PHAGOCYTOSIS/ RATS/ RATS, immunology/ *TRANSPLANTATION IMMUNOLOGY/ TRYPSIN

2126. **Evans R, Alexander P:** Role of macrophages in tumour immunity. II. Involvement of a macrophage cytophilic factor during syngeneic tumour growth inhibition.
Immunology 23:627-36, Oct 72
*ANTIBODIES/ CELLS, CULTURED/ CHROMIUM ISOTOPES/ COMPLEMENT/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FLUORESCENT ANTIBODY TECHNIC/ GUINEA PIGS/ IMMUNE ADHERENCE REACTION/ *IMMUNITY, CELLULAR/ IMMUNOLOGIC MEMORY/ *LYMPHOMA, immunology/ *MACROPHAGES, immunology/ MICE, INBRED C57BL, immunology/ MICE, INBRED DBA, immunology/ NEOPLASMS, EXPERIMENTAL, immunology/ RABBITS, immunology/ SPLEEN, cytology/ TRYPSIN

2127. **Evans RJ, Gordon JL:** Inhibition of platelet thrombus formation by dextran. J Pathol 109:pi-ii, Jan 73
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *DEXTRAN, therapeutic use/ DRUG SYNERGISM/ HEPARIN, pharmacodynamics/ IN VITRO/ *PLATELET ADHESIVENESS, drug effects/ POSTOPERATIVE COMPLICATIONS, prevention & control/ RABBITS/ *THROMBOSIS, prevention & control

2128. **Evarts CM, Alfidi RJ:** Thromboembolism after total hip reconstruction. Failure of low doses of heparin in prevention. JAMA 225:515-6, 30 Jul 73
*HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ *HIP, surgery/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ IODINE ISOTOPES, DIAGNOSTIC/ *JOINT PROSTHESIS/ PHLEBOGRAPHY/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ PREOPERATIVE CARE/ PULMONARY EMBOLISM, etiology/ SODIUM, therapeutic use/ *THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, diagnosis

2129. **Evenkamp G, Eckert G, Schmidt CG:** Fortschritte in der Frage des Thrombozytenersatzes bei aplastischen Thrombopenien. Med Welt 23:1385-6, 30 Sep 72 (Ger)
*BLOOD PLATELETS/ *BLOOD TRANSFUSION/ HUMAN/ *THROMBOPENIA, therapy

2130. **Everett ED:** Complications and residuals of meningococcal disease. Milit Med 136:612-6, Jul 71
ADULT/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HEART DISEASES, etiology/ HUMAN/ HYPOTENSION, etiology/ LUNG DISEASES, etiology/ MALE/ *MENINGITIS, MENINGOCOCCIC, complications/ MILITARY MEDICINE/ NEUROLOGIC MANIFESTATIONS

2131. **Ewing PA, Whittaker JA:** Acute leukemia in pregnancy.
Obstet Gynecol 42:245-51, Aug 73
ABORTION, complications/ ABORTION, THERAPEUTIC/ ADULT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ FEMALE/ HUMAN/ LABOR, INDUCED/ *LEUKEMIA, MYELOBLASTIC/ LEUKEMIA, MYELOBLASTIC, blood/ LEUKEMIA, MYELOBLASTIC, drug therapy/ LEUKEMIA, MYELOBLASTIC, therapy/ LEUKEMIA, MYELOCYTIC, diagnosis/ MERCAPTOPURINE, therapeutic use/ PREDNISOLONE, therapeutic use/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, blood/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, diagnosis/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, drug therapy/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, therapy

2132. **Exner T, Koppel JL:** Fibrinogen-fibrin conversion as determined by polymer bead sedimentation technique. Experientia 28:1421-3, 15 Dec 72
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION TESTS/ CATTLE/ FIBRIN/ FIBRINOGEN, analysis/ METHODS/ POLYMERS/ THROMBIN, analysis

2133. **Eyer KM:** Complications of transfemoral coronary arteriography and their prevention using heparin.
Am Heart J 86:428, Sep 73
*ANGIOGRAPHY, adverse effects/ *CORONARY VESSELS, radiography/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ PROTAMINES, therapeutic use/ *THROMBOEMBOLISM, prevention & control

F

2134. **Fabre J, Delsol G, Vincent F, et al:** Aspects morphologiques des coagulopathies de consommation. A propos de 36 cas.
Arch Anat Pathol (Paris) 21:211-24, Sep 73 (Fre)
ADRENAL GLANDS, pathology/ *DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ ENGLISH ABSTRACT/ GASTROINTESTINAL SYSTEM, pathology/ HUMAN/ KIDNEY, pathology/ KUPFFER CELLS/ LIVER, pathology/ LUNG, pathology/ MICROSCOPY, ELECTRON/ PHAGOCYTOSIS/ SKIN, pathology/ SPLEEN, pathology/ UTERUS, pathology

2135. **Fackrell HB, Robinson J:** Purification and characterization of a lytic peptidase produced by Bdellovibrio bacteriovorus 6-5-S.
Can J Microbiol 19:659-66, May 73
ALANINE/ AMINO ACIDS, metabolism/ AMMONIUM SULFATE/ CALCIUM, pharmacodynamics/ CHROMATOGRAPHY, ION EXCHANGE/ GEL FILTRATION/ *GRAM NEGATIVE BACTERIA, enzymology/ GRAM NEGATIVE BACTERIA, growth & development/ HYDROGEN-ION CONCENTRATION/ MAGNESIUM, pharmacodynamics/ MICROSCOPY, ELECTRON/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ PEPTIDOGLYCAN, metabolism/ PRECIPITATION/ SPIRILLUM, growth & development/ TEMPERATURE

2136. **Fadli ME, Youssef MM:** Neuro-Behçet's syndrome in the United Arab Republic. Eur Neurol 9:76-89, 1973
ADULT/ ANTICOAGULANTS, therapeutic use/ BEHCET'S SYNDROME, cerebrospinal fluid/ BEHCET'S SYNDROME, complications/ BEHCET'S SYNDROME, drug therapy/ *BEHCET'S SYNDROME, occurrence/ BEHCET'S SYNDROME, radiography/ CEREBRAL ANGIOGRAPHY/ DIAGNOSIS, DIFFERENTIAL/ EGYPT/ ELECTROENCEPHALOGRAPHY/ ELECTROMYOGRAPHY/ FEMALE/ HEMIPLEGIA, etiology/ HUMAN/ MALE/ MYELOGRAPHY/ *NERVOUS SYSTEM DISEASES, occurrence/ NEUROLOGIC MANIFESTATIONS/ PAPILLEDEMA, etiology/ PERIPHERAL NERVE DISEASES, etiology/ PREDNISOLONE, therapeutic use/ PSEUDOTUMOR CEREBRI, etiology/ SPINAL CORD DISEASES, etiology

2137. **Faergeman O, Damgaard-Pedersen F:** Increase of post-heparin lipase activity by oxandrolone in familial hyperchylomicronemia.
Scand J Clin Lab Invest 31:27-31, Jan 73
ADULT/ *BLOOD PROTEIN DISORDERS, drug therapy/ BLOOD PROTEIN DISORDERS, enzymology/ BLOOD PROTEIN DISORDERS, familial & genetic/ BLOOD PROTEIN ELECTROPHORESIS/ CHYLOMICRONS, analysis/ CHYLOMICRONS, metabolism/ FEMALE/ HEPARIN, metabolism/ HUMAN/ *LIPOPROTEIN LIPASE, blood/ *LIPOPROTEINS, blood/ MALE/ OXANDROLONE, pharmacodynamics/ *OXANDROLONE, therapeutic use

2138. **Fairburn B:** Intracranial venous thrombosis complicating oral contraception: treatment by anticoagulant drugs. Br Med J 2:647, 16 Jun 73
ADULT/ CEREBRAL ANGIOGRAPHY/ *CEREBRAL EMBOLISM AND THROMBOSIS,

chemically induced/ CEREBRAL EMBOLISM AND THROMBOSIS, diagnosis/ CEREBRAL EMBOLISM AND THROMBOSIS, drug therapy/ *CONTRACEPTIVES, ORAL, adverse effects/ ELECTROENCEPHALOGRAPHY/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ *NORETHINDRONE, adverse effects/ *WARFARIN, therapeutic use

2139. **Fajardo LF, Rao S:** Platelet enlargement in malaria.
Milit Med 136:463-4, May 71
*BLOOD PLATELETS, cytology/ HUMAN/ *MALARIA, blood/ PLASMODIUM FALCIPARUM/ PLASMODIUM VIVAX

2140. **Fakunding JL, Traugh JA, Traut RR, et al:** Phosphorylation of initiation factor IF-2 from Escherichia coli with skeletal muscle kinase.
J Biol Chem 247:6365-7, 10 Oct 72
ADENOSINE TRIPHOSPHATE/ BACTERIAL PROTEINS, biosynthesis/ CARBON ISOTOPES/ ELECTROPHORESIS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ESCHERICHIA COLI/ FORMIC ACIDS/ FORMIC ACIDS, metabolism/ METHIONINE/ METHIONINE, metabolism/ *MUSCLES, enzymology/ OXIDATIVE PHOSPHORYLATION/ *PEPTIDE INITIATION FACTORS/ PEPTIDE INITIATION FACTORS, analysis/ PEPTIDE INITIATION FACTORS, pharmacodynamics/ PEPTIDES, isolation & purification/ PHOSPHORUS ISOTOPES/ *PHOSPHOTRANSFERASES/ PROTEINS/ PUROMYCIN/ RABBITS/ RIBOSOMES, drug effects/ RIBOSOMES, metabolism/ RNA, TRANSFER, metabolism/ SERINE/ TRYPSIN

2141. **Falb P:** Die Extraktionsbehandlung bei Patienten unter Antikoagulantienmedikation.
Zahnaerztl Prax 24:351-2, Jul 73 (Ger)
ANTICOAGULANTS, therapeutic use/ HEMORRHAGE, ORAL, prevention & control/ SPECIAL LIST DENTAL/ TOOTH EXTRACTION, adverse effects

2142. **Falchuk ZM, Taussig LM:** IgA synthesis by jejunal biopsies from patients with cystic fibrosis and hereditary pancreatitis. Pediatrics 51:49-54, Jan 73
ADOLESCENCE/ ADULT/ BIOPSY/ CARBON ISOTOPES/ CARBOXYPEPTIDASES, metabolism/ CHYMOTRYPSIN, metabolism/ CYSTIC FIBROSIS, enzymology/ CYSTIC FIBROSIS, immunology/ *CYSTIC FIBROSIS, metabolism/ FEMALE/ HUMAN/ *IGA, biosynthesis/ IN VITRO/ INTESTINAL MUCOSA, metabolism/ *JEJUNUM, metabolism/ LEUCINE, metabolism/ MALE/ PANCREATITIS, enzymology/ PANCREATITIS, familial & genetic/ PANCREATITIS, metabolism/ TRYPSIN, metabolism

2143. **Falcoff R:** Some properties of virus and immune-induced human lymphocyte interferons.
J Gen Virol 16:251-3, Aug 72
CHROMATOGRAPHY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DEOXYRIBONUCLEASE/ GELS/ *GLOBULINS/ HEAT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INTERFERON, analysis/ *INTERFERON, biosynthesis/ *INTERFERON INDUCERS/ LYMPHOCYTES, immunology/ *LYMPHOCYTES, metabolism/ MOLECULAR WEIGHT/ NEWCASTLE DISEASE VIRUS/ NEWCASTLE DISEASE VIRUS, radiation effects/ RADIATION EFFECTS/ RIBONUCLEASE/ TISSUE CULTURE/ TRITIUM/ TRYPSIN/ ULTRAVIOLET RAYS/ URIDINE, metabolism

2144. **Falconer IR:** Uptake and binding of 125I-labelled prolactin by mammary tissue.
Biochem J 126:8P-9P, Feb 72
ANIMAL EXPERIMENTS/ CLOSTRIDIOPEPTIDASE A, metabolism/ DEOXYRIBONUCLEASE, metabolism/ FEMALE/ IN VITRO/ IODINE ISOTOPES/ LIVER, metabolism/ *MAMMAE, metabolism/ *PROLACTIN, metabolism/ RABBITS/ TRYPSIN, metabolism

2145. **Falk JS, Lindblad GT, Westman BJ:** Histopathological studies on kidneys from patients treated with large amounts of blood preserved with ACD-adenine.
Transfusion 12:376-81, Nov-Dec 72
ACIDS/ *ADENINE, adverse effects/ ADENINE, analysis/ ADULT/ AORTIC ANEURYSM, surgery/ AORTIC VALVE INSUFFICIENCY, surgery/ AORTIC VALVE STENOSIS, surgery/ *BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ CITRATES/ CREATININE, blood/ CRYSTALLIZATION/ EXTRACORPOREAL CIRCULATION/ FEMALE/ GLUCOSE/ HEART VALVE PROSTHESIS/ HUMAN/ *KIDNEY, pathology/ KIDNEY TUBULES, pathology/ MALE/ MIDDLE AGE/ MITRAL VALVE INSUFFICIENCY, surgery/ RHEUMATIC HEART DISEASE, surgery

2146. **Fall RR, Vagelos PR:** Acetyl coenzyme A carboxylase. Proteolytic modification of biotin carboxyl carrier protein. J Biol Chem 248:2078-88, 25 Mar 73
ACETYL COENZYME A/ AMMONIUM SULFATE/ BENZOATES/ *BIOTIN/ *CARRIER PROTEINS/ CARRIER PROTEINS, analysis/ CHROMATOGRAPHY/ CHYMOTRYPSIN/ DISULFIDES/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ESCHERICHIA COLI, enzymology/ GEL FILTRATION/ ISOELECTRIC FOCUSING/ KINETICS/ *LIGASES/ MOLECULAR WEIGHT/ PEPTIDES, isolation & purification/ PRONASE/ SODIUM DODECYL SULFATE/ SUBTILISINS/ SULFHYDRYL COMPOUNDS, analysis/ THERMOLYSIN/ TRITIUM/ TRYPSIN

2147. **Fall RR, Vagelos PR:** Acetyl coenzyme A carboxylase. Molecular forms and subunit composition of biotin carboxyl carrier protein.
J Biol Chem 247:8005-15, 25 Dec 72
ADENOSINE TRIPHOSPHATE/ AMINO ACIDS, analysis/ AMMONIUM SULFATE/ BENZOATES/ *BIOTIN/ BIOTIN, analysis/ CARBON ISOTOPES/ *CARRIER PROTEINS/ CARRIER PROTEINS, analysis/ CARRIER PROTEINS, isolation & purification/ COENZYME A/ DISULFIDES/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ESCHERICHIA COLI, enzymology/ GEL FILTRATION/ ISOELECTRIC FOCUSING/ *LIGASES/ MACROMOLECULAR SYSTEMS/ NITRO COMPOUNDS/ PROTAMINES/ SODIUM DODECYL SULFATE/ SULFHYDRYL COMPOUNDS, analysis/ SULFURIC ACIDS/ TRITIUM/ ULTRACENTRIFUGATION

2148. **Fallat RJ, Powell MR, Kueppers F, et al:** 133 Xe ventilatory studies in 1-antitrypsin deficiency.
J Nucl Med 14:5-13, Jan 73
ADULT/ AGED/ *ALPHA GLOBULIN/ FEMALE/ GENOTYPE/ HUMAN/ *LUNG DISEASES, OBSTRUCTIVE, diagnosis/ LUNG DISEASES, OBSTRUCTIVE, enzymology/ LUNG DISEASES, OBSTRUCTIVE, familial & genetic/ MALE/ *METABOLISM, INBORN ERRORS, enzymology/ METABOLISM, INBORN ERRORS, familial & genetic/ MIDDLE AGE/ RADIOISOTOPES/ SERUM ALBUMIN, RADIO-IODINATED/ *TRYPSIN INHIBITORS, metabolism/ VENTILATION-PERFUSION RATIO/ XENON

2149. **Famatiga EG, Uylangco CV:** Bacterial flora of the stools of gastroenteritis cases among Filipino adults.
Southeast Asian J Trop Med Public Health 3:319-25, Sep 72
ADULT/ BACTERIOLOGICAL TECHNICS/ CANDIDA ALBICANS, isolation & purification/ COAGULASE, biosynthesis/ *DIARRHEA, microbiology/ DISEASE OUTBREAKS/ ESCHERICHIA COLI, isolation & purification/ FECES, microbiology/ GASTROENTERITIS, etiology/ *GASTROENTERITIS, microbiology/ HUMAN/ PHILIPPINES/ SALMONELLA, isolation & purification/ SEROTYPING/ SHIGELLA, isolation & purification/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, isolation & purification/ VIBRIO, isolation & purification

2150. **Fand I:** The protective effect of a sunscreen upon the lysosomes of ultraviolet-irradiated skin.
Dermatologica 144:237-47, 1972
ACID PHOSPHATASE, analysis/ ACID PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ *BENZOPHENONES, pharmacodynamics/ HISTOCYTOCHEMISTRY/ HUMAN/ LYSOSOMES, enzymology/ *LYSOSOMES, radiation effects/ MICE/ PENIS, radiation effects/ PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, metabolism/ RADIATION EFFECTS/ RATS/ SKIN, analysis/ SKIN, cytology/ SKIN, drug effects/ SKIN, enzymology/ *SKIN, radiation effects/ *SUNSCREENING AGENTS, pharmacodynamics/ *ULTRAVIOLET RAYS

2151. **Farace MG, Bank A:** Control of human hemoglobin synthesis: translation of globin chains in heterozygotes with hemoglobin Riverdale-Bronx.
Biochim Biophys Acta 312:591-7, 13 Jul 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ARGININE/ AUTOANALYSIS/ CARBON ISOTOPES/ CHROMATOGRAPHY, ION EXCHANGE/ GLYCINE/ HEMOGLOBINS, ABNORMAL, analysis/ *HEMOGLOBINS, ABNORMAL, biosynthesis/ *HETEROZYGOTE/ HUMAN/ KINETICS/ NEW YORK CITY/ PEPTIDES, analysis/ RNA, MESSENGER, blood/ RNA, MESSENGER, metabolism/ TIME FACTORS/ *TRANSLATION, GENETIC/ TRITIUM/ TRYPSIN

2152. **Farah A, Herbinet B:** Prévention des accidents thrombo-emboliques en chirurgie digestive.
Ann Chir 26:1353-4, Dec 72 (Fre)
ADULT/ AGED/ *ANTICOAGULANTS, therapeutic use/ *DIGESTIVE SYSTEM, surgery/ HUMAN/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOEMBOLISM, prevention & control

2153. **Farbiszewski R, Rzeczycki W, Worowski K, et al:** The arginine content in fibrin clots and fibrinolysis in neoplastic diseases. Neoplasma 20:203-8, 1973
ARGININE, analysis/ *ARGININE, blood/ *FIBRIN, analysis/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HUMAN/ NEOPLASM PROTEINS/ *NEOPLASMS, blood/ PROTEIN BINDING

2154. **Faris IB, Rosengarten DS, Dudley HA:** Temperature-chart analysis in the diagnosis of postoperative deep-vein thrombosis.
Lancet 2:775-6, 14 Oct 72
DIAGNOSIS, COMPUTER ASSISTED/ *FEVER/ FIBRINOGEN, diagnostic use/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ LEG, blood supply/ *POSTOPERATIVE COMPLICATIONS, diagnosis/ PROSPECTIVE STUDIES/ PULMONARY EMBOLISM, diagnosis/ RETROSPECTIVE STUDIES/ *THROMBOPHLEBITIS, diagnosis/ TIME FACTORS

2155. **Farkas A, Wagner L, Schalkowsky E:** Elöben felismert IgA hiányos Moschcowitz-syndroma.
Orv Hetil 114:1240-3, 27 May 73 (Hun)
ADULT/ *ANEMIA, HEMOLYTIC, immunology/ BLOOD TRANSFUSION/ *CEREBRAL EMBOLISM AND THROMBOSIS, immunology/ FEMALE/ HUMAN/ *IGA, analysis/ IMMUNOELECTROPHORESIS/ *IMMUNOLOGIC DEFICIENCY SYNDROMES, immunology/ *PURPURA, THROMBOTIC THROMBOPENIC, immunology/ SYNDROME

2156. **Farman JV:** Anaesthesia in the presence of liver disease and for hepatic transplantation.
Br J Anaesth 44:946-52, Sep 72 (20 ref.)
ACID-BASE EQUILIBRIUM/ *ANESTHESIA/ BLOOD CIRCULATION/ BLOOD COAGULATION/ BLOOD SUGAR, analysis/ BODY TEMPERATURE/ CHOLINESTERASE, blood/ CURARE-LIKE AGENTS/ HEPATIC COMA, etiology/ HUMAN/ HYPERTENSION, PORTAL, etiology/ *LIVER, transplantation/ LIVER DISEASES, metabolism/ LIVER DISEASES, physiopathology/ *LIVER DISEASES, surgery/ MALE/ MIDDLE AGE/ NITROUS OXIDE/ POSTOPERATIVE CARE/ POTASSIUM, blood/ PREANESTHETIC MEDICATION/ REVIEW/ TRANSPLANTATION, HOMOLOGOUS

2157. **Farquhar A, MacDonald MK, Ireland JT:** The role of fibrin deposition in diabetic glomerulosclerosis: a light, electron and immunofluorescence microscopy study. J Clin Pathol 25:657-67, Aug 72
ADULT/ AGED/ AUTOPSY/ BASEMENT MEMBRANE, pathology/ BIOPSY/ BLOOD PRESSURE/ CREATININE, metabolism/ *DIABETIC NEPHROPATHIES, pathology/ EPITHELIUM, pathology/ FEMALE/ *FIBRIN, metabolism/ FIBRINOGEN, metabolism/ FLUORESCENT ANTIBODY TECHNIC/ HISTOCYTOCHEMISTRY/ HUMAN/ *KIDNEY GLOMERULUS, pathology/ MALE/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ *NEPHROSCLEROSIS, pathology/ PROTEINURIA

2158. **Farrand SK, Taber HW:** Pleiotropic menaquinone-deficient mutant of Bacillus subtilis.
J Bacteriol 115:1021-34, Sep 73
ALCOHOL OXIDOREDUCTASES, metabolism/ ALDEHYDE-LYASES, metabolism/ AMINO ACIDS, metabolism/ BACILLUS SUBTILIS, analysis/ BACILLUS SUBTILIS, drug effects/ BACILLUS SUBTILIS, enzymology/ BACILLUS SUBTILIS, growth & development/ *BACILLUS SUBTILIS, metabolism/ CARBOXY-LYASES, metabolism/ CHROMATOGRAPHY, THIN LAYER/ CYTOCHROMES, analysis/ DRUG RESISTANCE, MICROBIAL/ GLUCOSE, metabolism/ KANAMYCIN, pharmacodynamics/ *MUTATION/ QUINONES, analysis/ SHIKIMIC ACID/ SHIKIMIC ACID, metabolism/ SPECTROPHOTOMETRY/ SPORES, BACTERIAL, growth & development/ TRANSDUCTION, GENETIC/ TRANSFORMATION, GENETIC/ *VITAMIN K, biosynthesis

2159. **Farrand SK, Taber HW:** Physiological effects of menaquinone deficiency in Bacillus subtilis.
J Bacteriol 115:1035-44, Sep 73
ALCOHOL OXIDOREDUCTASES, biosynthesis/ ALCOHOL OXIDOREDUCTASES, metabolism/ AMINO ACIDS, metabolism/ BACILLUS SUBTILIS, enzymology/ *BACILLUS SUBTILIS, metabolism/ CYTOCHROMES, metabolism/ ELECTRON TRANSPORT/ KREBS CYCLE/ *MUTATION/ NAD/ OXIDATION-REDUCTION/ OXIDOREDUCTASES, metabolism/ OXYGEN CONSUMPTION/ SHIKIMIC ACID/ SPORES, BACTERIAL, growth & development/ SUCCINATE DEHYDROGENASE, metabolism/ *VITAMIN K, biosynthesis

2160. **Farrell BL, Allen MF:** Physiologic/psychologic changes reported by USAF female flight nurses during flying duties. Nurs Res 22:31-6, Jan-Feb 73
AIRCRAFT/ ALTITUDE/ *AVIATION MEDICINE/ *CIRCADIAN RHYTHM/ DEFECATION/ FEMALE/ HEADACHE/ HEMATOMA/ HUMAN/ MENSTRUATION/ *MILITARY NURSING/ SLEEP DEPRIVATION/ VISION DISORDERS

2161. **Farrell C, O'Hara AE:** The use of thermography in the pediatric patient. A new diagnostic tool.
Clin Pediatr (Phila) 11:673-83, Dec 72
ADOLESCENCE/ ARTHRITIS, diagnosis/ AXILLA/ BONE CYST, diagnosis/ BONE NEOPLASMS, diagnosis/ BRAIN NEOPLASMS, diagnosis/ CHILD/ CRANIOPHARYNGIOMA, diagnosis/ FEMALE/ FEMUR/ HEEL/ HEMANGIOMA, CAVERNOUS, diagnosis/ HUMAN/ INFANT, NEWBORN/ MALE/ MESOTHELIOMA, diagnosis/ NEOPLASM METASTASIS/ OSTEOMYELITIS, diagnosis/ SACROCOCCYGEAL REGION/ SARCOMA, EWING'S, diagnosis/ SARCOMA, OSTEOGENIC, diagnosis/ STAPHYLOCOCCAL INFECTIONS, diagnosis/ TERATOID TUMOR, diagnosis/

*THERMOGRAPHY/ THERMOGRAPHY, instrumentation

2162. **Farrell GW, Wolf P:** Immunoephelometric determination of fibrinogen and its derivatives in plasma. J Immunol Methods 1:217-29, May 72
ANTIBODIES, analysis/ ANTIGEN-ANTIBODY COMPLEX/ ANTIGENS, analysis/ BLOOD COAGULATION TESTS/ *DENSITOMETRY/ *FIBRIN, analysis/ *FIBRINOGEN, analysis/ FIBRINOLYSIN, pharmacodynamics/ GAMMA GLOBULIN/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNE SERUMS/ IMMUNOCHEMISTRY/ IODINE ISOTOPES/ METHODS/ NITROGEN, analysis/ SHEEP, immunology/ SOLUBILITY/ STREPTOKINASE, pharmacodynamics

2163. **Farrell P, Fitzgerald P, Fitzgerald O, et al:** Shock in acute pancreatitis and hypovolaemia.
Gut 13:844, Oct 72
ACUTE DISEASE/ ANGIOTENSIN, blood/ ANIMAL EXPERIMENTS/ *BLOOD VOLUME/ DOGS/ HYPOTENSION, complications/ MACROGLOBULINS, metabolism/ *PANCREATITIS, complications/ *SHOCK, etiology/ TRYPSIN, blood

2164. **Farská I, Pudlák P, Brabec V, et al:** Koagulační nálezy u paroxysmální noční hemoglobinurie. (Předběžné sdělení. Vnitr Lek 19:151-5, Feb 73 (Cze)
ADULT/ *BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FEMALE/ *HEMOGLOBINURIA, PAROXYSMAL, blood/ HEMOLYSIS/ HUMAN/ MALE/ MIDDLE AGE

2165. **Farstad M, Aas M, Sander J:** Long-chain acyl-CoA synthetase activity in blood platelets and some human tissues. Scand J Clin Lab Invest 31:205-11, Mar 73
ACETYL COENZYME A, metabolism/ ADIPOSE TISSUE, enzymology/ ADOLESCENCE/ *ADRENAL GLANDS, enzymology/ *BLOOD PLATELETS, enzymology/ *COENZYME A SYNTHETASES, metabolism/ FATTY ACIDS, pharmacodynamics/ FEMALE/ HEPATOMA, enzymology/ HUMAN/ LIVER, cytology/ *LIVER, enzymology/ LIVER NEOPLASMS, enzymology/ MALE/ MIDDLE AGE/ STIMULATION, CHEMICAL

2166. **Fass DN, Mann KG:** Activation of fluorescein-labeled prothrombin. J Biol Chem 248:3280-7, 10 May 73
BLOOD PROTEINS, pharmacodynamics/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ CITRATES, pharmacodynamics/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ *FLUORESCEINS/ FLUORESCENCE SPECTROMETRY/ MOLECULAR WEIGHT/ PEPTIDES, analysis/ PHOSPHOLIPIDS, pharmacodynamics/ *PROTHROMBIN, blood/ SODIUM DODECYL SULFATE/ SPECTROPHOTOMETRY, ULTRAVIOLET

2167. **Fassi-Fehri M, Kasbaoui O:** Approche statistique de l'évaluation par quelques caractères enzymatiques de la pathogénicité potentielle des staphylocoques.
Maroc Med 52:748-53, Dec 72 (Fre)
COAGULASE, metabolism/ CULTURE MEDIA/ DEOXYRIBONUCLEASE, metabolism/ LIPASE, metabolism/ METHODS/ PHOSPHATASES, metabolism/ *STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, pathogenicity

2168. **Fassolt A, Schaefler O, Braun U:** Medikamentöse Mabbnahmen gegen Begleitthrombosen bei Cavakathether. Anaesthesist 22:324-6, Jul 73 (Ger)
ACENOCOUMAROL, administration & dosage/ ACENOCOUMAROL, therapeutic use/ ADULT/ AGED/ *CATHETERIZATION, adverse effects/ DEXTRAN, therapeutic use/ DRUG COMBINATIONS/ FEMALE/ FIBRINOLYTIC AGENTS, administration & dosage/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ PHLEBOGRAPHY/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, prevention & control/ *VENA CAVA, SUPERIOR

2169. **Fastrez J, Fersht AR:** Mechanism of chymotrypsin. Structure, reactivity, and nonproductive binding relationships. Biochemistry 12:1067-74, 13 Mar 73
ACETIC ACIDS/ ALCOHOLS, OCTYL/ *ANILIDES/ BINDING, COMPETITIVE/ BINDING SITES/ CHEMISTRY/ CHLORINE/ *CHYMOTRYPSIN/ DIMETHYLFORMAMIDE/ FORMIC ACIDS/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ KINETICS/ MATHEMATICS/ MODELS, CHEMICAL/ PROTEIN BINDING/ PROTONS/ STRUCTURE-ACTIVITY RELATIONSHIP/ TYROSINE

2170. **Fastrez J, Fersht AR:** Demonstration of the acyl-enzyme mechanism for the hydrolysis of peptides and anilides by chymotrypsin.
Biochemistry 12:2025-34, 22 May 73
ACYLATION/ ALANINE/ AMMONIUM COMPOUNDS/ *ANILIDES/ BENZOATES/ BINDING, COMPETITIVE/ CHEMISTRY/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, antagonists & inhibitors/ DIMETHYLFORMAMIDE/ ELECTROPHORESIS, PAPER/ ESTERS/ GLYCINE/ HYDRAZINES/ HYDROLYSIS/ KINETICS/ MATHEMATICS/ METHYL ETHER/ NITROBENZENES/ OSMOLAR CONCENTRATION/ *PEPTIDES/ PHENYLALANINE/ STRUCTURE-ACTIVITY RELATIONSHIP/ THERMODYNAMICS/ TRITIUM

2171. **Fateh-Moghadam A, Lamerz R, Knedel M, et al:** Quantitative immunologische Bestimmung von Serumproteinen bei Paraproteinämien.
Dtsch Med Wochenschr 98:309-18, 16 Feb 73 (Ger)
AGED/ BENCE JONES PROTEIN/ BLOOD PROTEIN DISORDERS, complications/ *BLOOD PROTEIN DISORDERS, immunology/ CERULOPLASMIN, analysis/ ENGLISH ABSTRACT/ FEMALE/ HAPTOGLOBINS, analysis/ HUMAN/ IGA, analysis/ IGG, analysis/ IGM, analysis/ IMMUNOLOGIC DEFICIENCY SYNDROMES, blood/ INFECTION, complications/ MACROGLOBULINEMIA, immunology/ MALE/ MIDDLE AGE/ PLASMACYTOMA, immunology/ *SERUM GLOBULINS, analysis/ TRANSFERRIN, analysis/ TRYPSIN INHIBITORS, blood

2172. **Fatkhullaev IF, Agapova LA:** Vliianie rezerpina i izobarina na sistemu svertyvaniia krovi u bol'nykh gipertonicheskoĭ bolezn'iu.
Ter Arkh 44:14-6, Sep 72 (Rus)
ADOLESCENCE/ ADULT/ AGED/ *BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ HUMAN/ *HYPERTENSION, blood/ HYPERTENSION, drug therapy/ MIDDLE AGE/ *RAUWOLFIA, pharmacodynamics/ RAUWOLFIA, therapeutic use/ RESERPINE, administration & dosage/ *RESERPINE, pharmacodynamics/ RESERPINE, therapeutic use/ *SYMPATHOLYTICS, pharmacodynamics/ SYMPATHOLYTICS, therapeutic use

2173. **Faudemay P, Laporte JC, Trémolières J:** Passage des inhibiteurs trypsiques à travers la paroi intestinale de rat in vitro.
Nutr Metab 15:213-7, 1973 (Fre)
AEROBIOSIS/ ANIMAL EXPERIMENTS/ ANIMAL NUTRITION/ BIOLOGICAL TRANSPORT/ EGGS/ ENGLISH ABSTRACT/ FASTING/ GELATIN/ GLUCOSE/ INTESTINAL ABSORPTION/ INTESTINAL MUCOSA, metabolism/ *INTESTINE, SMALL, metabolism/ MALE/ OXYGEN/ PHOSPHATES/ RATS/ SOY BEANS/ SPECIES SPECIFICITY/ TIME FACTORS/ *TRYPSIN INHIBITORS, metabolism

2174. **Faudemay P, Laporte JC, Trémolières J:** Passage de la trypsine à travers la paroi intestinale de rat in vitro.
Nutr Metab 15:207-12, 1973 (Fre)
AEROBIOSIS/ ANIMAL EXPERIMENTS/ ANIMAL NUTRITION/ BIOLOGICAL TRANSPORT/ ENGLISH ABSTRACT/ FASTING/ GELATIN/ GLUCOSE/ INTESTINAL ABSORPTION/ INTESTINAL

MUCOSA, metabolism/ *INTESTINE, SMALL, metabolism/ MALE/ OXYGEN/ RATS/ TIME FACTORS/ *TRYPSIN, metabolism

2175. **Favre-Gilly J:** Les troubles congénitaux de la coagulation sanguine.
Lyon Med 19:Suppl:119-31, Apr 72 (Fre)
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION DISORDERS, congenital/ BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE

2176. **Favre-Gilly J:** Traitement des troubles congénitaux et acquis de la coagulation.
Lyon Med 19:Suppl:157-66, Apr 72 (Fre)
AFIBRINOGENEMIA, therapy/ *BLOOD COAGULATION DISORDERS, therapy/ BLOOD TRANSFUSION/ FEMALE/ HEMOPHILIA, therapy/ HEMORRHAGE, therapy/ HUMAN/ HYPOPROTHROMBINEMIAS, therapy/ MALE/ PREGNANCY

2177. **Favre-Gilly J:** Les troubles acquis de la coagulation sanguine. Lyon Med 19:Suppl:133-42, Apr 72 (Fre)
AFIBRINOGENEMIA, etiology/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ FEMALE/ HUMAN/ HYPOPROTHROMBINEMIAS, etiology/ PREGNANCY

2178. **Fedder G, Prakke EM, Vreeken J:** On the early detection of intravascular coagulation. An experimental study.
Thromb Diath Haemorrh 27:365-76, 31 Jul 72
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ *BLOOD COAGULATION TESTS/ BLOOD PLATELET DISORDERS/ BLOOD PLATELETS/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ FACTOR V, analysis/ FACTOR VII, analysis/ FEMALE/ FIBRIN, analysis/ FIBRINOGEN/ HEMATOCRIT/ INJECTIONS, INTRAVENOUS/ MALE/ RABBITS/ THROMBIN, administration & dosage/ THROMBOPLASTIN, administration & dosage

2179. **Fedder G, Prakke EM, Vreeken J:** Thrombocytopenia caused by antigen-antibody reactions with special reference to intravascular coagulation.
Thromb Diath Haemorrh 27:452-60, 31 Jul 72
ANIMAL EXPERIMENTS/ *ANTIGEN-ANTIBODY COMPLEX/ BLOOD CELL COUNT/ BLOOD PLATELETS, immunology/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FACTOR V, analysis/ FEMALE/ FIBRIN, analysis/ FIBRINOGEN, analysis/ IGG/ IMMUNIZATION/ MALE/ OVALBUMIN/ RABBITS/ *THROMBOPENIA, etiology

2180. **Feddersen C, Gormsen J:** Venous stasis and fibrinolytic activity. Influence of graduated compression and changes in gas values. Scand J Haematol 9:502-8, 1972
ADOLESCENCE/ ADULT/ AGED/ ARM/ BLOOD PRESSURE/ CARBON DIOXIDE, blood/ CLOT RETRACTION/ FEMALE/ FIBRINOGEN/ *FIBRINOLYSIS/ HEMATOCRIT/ HUMAN/ LEG/ MALE/ MIDDLE AGE/ *OCCLUSIVE DRESSINGS/ OXYGEN, blood/ PARTIAL PRESSURE/ PLASMINOGEN

2181. **Federspil P:** Die Gefässversorgung der Nasenhöhlen und die Behandlung des profusen Nasenblutens.
Munch Med Wochenschr 114:1866-70, 27 Oct 72 (Ger)
*ARTERIES, surgery/ BLOOD PRESSURE/ ENGLISH ABSTRACT/ EPISTAXIS, etiology/ *EPISTAXIS, surgery/ ETHMOID BONE, surgery/ HEMOSTASIS/ HUMAN/ LIGATION/ MAXILLARY ARTERY, surgery/ MAXILLARY SINUS, surgery/ METHODS/ *NOSE, blood supply/ ORBIT, surgery

2182. **Fedinec AV, Bil'jak ST, Simodejko AA, et al:** Vplyv azotémie na niektoré ukazovatles zrážavosti krvi u osôb staršieho veku.
Bratisl Lek Listy 60:219-21, Aug 73 (Slo)
AGE FACTORS/ AGED/ *BLOOD COAGULATION/ HUMAN/ MALE/ MIDDLE AGE/ PROSTATIC HYPERTROPHY, complications/ THROMBOEMBOLISM, etiology/ *UREMIA, blood/ UREMIA, complications

2183. **Fedorova ZD, Ozerets IA, Tumanskaia ZM:** Izmeneniia pokazateleĭ svertyvaiushcheĭ sistemy krovi pri nerazvivaiushcheisia beremennosti i vnutriutrobnoĭ gibeli ploda.
Akush Ginekol (Mosk) 47:54-5, Dec 71 (Rus)
*BLOOD COAGULATION DISORDERS/ FEMALE/ *FETAL DEATH/ HUMAN/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ *UTERINE HEMORRHAGE

2184. **Feigel D, Marmor A:** [Alcoholic cardiomyopathy]
Harefuah 83:69-72, 16 Jul 72 (Heb)
ADULT/ *ALCOHOLISM, complications/ ANTICOAGULANTS, therapeutic use/ AUTOPSY/ CASE REPORT/ DIGITALIS GLYCOSIDES, therapeutic use/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ HEART ENLARGEMENT, etiology/ HEART FAILURE, CONGESTIVE, etiology/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL DISEASES, SECONDARY, drug therapy/ *MYOCARDIAL DISEASES, SECONDARY, etiology/ PULMONARY EMBOLISM, etiology/ STEROIDS, therapeutic use

2185. **Feigelson J, Pecau Y, Fagerhol M:** Déficit en alpha-1-antitrypsine chez un malade atteint de mucoviscidose.
Nouv Presse Med 2:1899-901, 14 Jul 73 (Fre)
CYSTIC FIBROSIS, complications/ *CYSTIC FIBROSIS, complications/ CYSTIC FIBROSIS, familial & genetic/ CYSTIC FIBROSIS, radiography/ GEL DIFFUSION TESTS/ IMMUNOELECTROPHORESIS/ PEDIGREE/ PHENOTYPE/ *TRYPSIN INHIBITORS

2186. **Feigin RD, Moss KS, Shackelford PG:** Antibiotic stability in solutions used for intravenous nutrition and fluid therapy. Pediatrics 51:1016-26, Jun 73
AMINO ACIDS/ AMPICILLIN/ *ANTIBIOTICS/ CARBENICILLIN/ CEPHALOTHIN/ CLINDAMYCIN/ COLOR/ DRUG COMBINATIONS/ *DRUG STABILITY/ HEPARIN/ HYDROCORTISONE/ KANAMYCIN/ METHICILLIN/ *PARENTERAL FEEDING/ PENICILLIN/ PRECIPITATION/ PROTEINS/ SOLUTIONS/ TEMPERATURE/ TIME FACTORS

2187. **Feigin RD, Zarkowsky HF, Shearer W, et al:** Thrombocytopenia following administration of para-aminosalicylic acid. J Pediatr 83:502-3, Sep 73
AMINOSALICYLIC ACID, administration & dosage/ *AMINOSALICYLIC ACID, adverse effects/ AMINOSALICYLIC ACID, therapeutic use/ HUMAN/ INFANT/ ISONIAZID, administration & dosage/ ISONIAZID, therapeutic use/ MALE/ STREPTOMYCIN, administration & dosage/ STREPTOMYCIN, therapeutic use/ *THROMBOPENIA, chemically induced/ TUBERCULOSIS IN CHILDHOOD, drug therapy/ *TUBERCULOSIS, PULMONARY, drug therapy

2188. **Fein S, Mohnac AM:** Submandibular gland extravasation cyst: report of an unusual case.
J Oral Surg 31:551-2, Jul 73
ADOLESCENCE/ CASE REPORT/ *CYSTS/ EDEMA/ FEMALE/ *HEMATOMA/ HUMAN/ *SALIVARY GLAND DISEASES/ SUBLINGUAL REGION, injuries/ *SUBMANDIBULAR GLAND, injuries

2189. **Feinstein DI, Rapaport SI, Chong MM:** Factor V inhibitor: report of a case, with comments on a possible effect of streptomycin.
Ann Intern Med 78:385-8, Mar 73
AGED/ *ANTIBODIES, HETEROTYPIC/ CASE REPORT/ *FACTOR V DEFICIENCY, immunology/ FEMALE/ HUMAN/ IGG/ PROTHROMBIN TIME/ RABBITS, immunology/

*STREPTOMYCIN, adverse effects/ STREPTOMYCIN, therapeutic use

2190. **Feinstein DI, Rapaport SI:** Acquired inhibitors of blood coagulation.
Prog Hemostasis Thromb 1:75-95, 1972 (95 ref.)
ADULT/ AGED/ ANTIBODIES/ *ANTICOAGULANTS, blood/ ANTIGEN-ANTIBODY REACTIONS/ AUTOIMMUNE DISEASES, blood/ *BLOOD COAGULATION FACTORS, antagonists & inhibitors/ BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ FACTOR V, antagonists & inhibitors/ FACTOR VIII, antagonists & inhibitors/ FACTOR IX, antagonists & inhibitors/ FEMALE/ FIBRINOGEN/ HEMOPHILIA, immunology/ HUMAN/ LUPUS ERYTHEMATOSUS, SYSTEMIC, blood/ MALE/ MYELOMA PROTEINS/ PREGNANCY/ PROTHROMBIN, metabolism/ PUERPERAL DISORDERS, immunology/ REVIEW

2191. **Feinstein G, Gertler A:** The effect of limited proteolysis of chicken ovoinhibitor by bovine chymotrypsin on the inhibitory activities against trypsin, chymotrypsin and elastase.
Eur J Biochem 31:25-31, 21 Nov 72
AMINO ACIDS/ BINDING SITES/ CARBOXYPEPTIDASES/ CATTLE/ CHEMISTRY/ CHICKENS/ CHROMATOGRAPHY, AFFINITY/ *CHYMOTRYPSIN, antagonists & inhibitors/ *EGG PROTEINS/ EGG WHITE/ HYDROGEN-ION CONCENTRATION/ ISOLEUCINE/ OVUM/ *PANCREATOPEPTIDASE, antagonists & inhibitors/ SWINE/ *TRYPSIN INHIBITORS/ TYROSINE

2192. **Feinstein G, Gertler A:** Isolation of alkaline proteinases from Aspergillus oryzae by one-step affinity chromatography on ovoinhibitor-sepharose column.
Biochim Biophys Acta 309:196-202, 5 May 73
AMINO ACIDS, analysis/ *ASPERGILLUS, enzymology/ AUTOANALYSIS/ CHICKENS/ CHROMATOGRAPHY, AFFINITY/ EGG PROTEINS/ ELECTROPHORESIS/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MOLECULAR WEIGHT/ MUCOPROTEINS/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ POLYSACCHARIDES/ TURKEYS

2193. **Feinstein RN, Jaroslow BN, Howard JB:** Molecular location of the genetic lesion in the acatalasemic mouse. Biochem Genet 6:263-73, Jun 72
ANIMAL EXPERIMENTS/ AZIDES/ *CATALASE/ CATALASE, antagonists & inhibitors/ CATALASE, blood/ CHROMATOGRAPHY, ION EXCHANGE/ DRUG STABILITY/ GOATS, immunology/ GUANIDINES/ HEME/ HYDROXYLAMINES/ IMMUNE SERUMS, isolation & purification/ *LIVER, enzymology/ MICE/ MUTATION/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ RABBITS, immunology/ TRIAZOLES/ TRYPSIN/ UREA

2194. **Fejfar Z:** "Risk factors" in ischaemic heart disease.
Acta Cardiol (Brux) Suppl 25:7-35, 1972 (94 ref.)
ARTERIOSCLEROSIS, etiology/ BLOOD COAGULATION DISORDERS, complications/ CARBOHYDRATES, metabolism/ *CORONARY DISEASE, etiology/ DIABETES MELLITUS, complications/ ENVIRONMENT/ EXERTION/ FEMALE/ FOOD HABITS/ HUMAN/ HYPERLIPEMIA, complications/ HYPERTENSION, complications/ MALE/ NUTRITION/ OBESITY, complications/ REVIEW/ SMOKING, complications/ STRESS, PSYCHOLOGICAL

2195. **Felder KD:** Diagnostik und Behandlung von Gerinnungsstörungen in Geburtshilfe und Gynäkologie. Med Klin 67:1220-6, 22 Sep 72 (Ger)
AMINOCAPROIC ACID, therapeutic use/ BLOOD CELL COUNT/ BLOOD COAGULATION DISORDERS, complications/ *BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ CLOT RETRACTION/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ FEMALE/ FIBRINOLYSIS/ HEPARIN, therapeutic use/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, diagnosis/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, drug therapy/ PROTHROMBIN TIME/ THROMBELASTOGRAPHY

2196. **Felder MR, Scandalios JG, Liu EH:** Purification and partial characterization of two genetically defined alcohol dehydrogenase isozymes in maize.
Biochim Biophys Acta 317:149-59, 12 Jul 73
ALCOHOL OXIDOREDUCTASES, analysis/ *ALCOHOL OXIDOREDUCTASES, isolation & purification/ ALLELES/ AMINO ACIDS, analysis/ AMMONIUM SULFATE/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, DEAE-CELLULOSE/ *CORN, enzymology/ DIALYSIS/ DRUG STABILITY/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ GENES/ GENETICS/ HYDROGEN-ION CONCENTRATION/ ISOENZYMES, analysis/ ISOENZYMES, isolation & purification/ KINETICS/ PEROXIDASES/ PROTAMINES/ SOLUBILITY/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SULFURIC ACIDS

2197. **Feldman H:** Nasenbluten als Notfallsituation.
Z Laryngol Rhinol Otol 52:314-20, May 73 (Ger)
AGE FACTORS/ BLOOD COAGULATION DISORDERS, therapy/ BLOOD TRANSFUSION/ CAUTERY/ EMERGENCIES/ *EPISTAXIS, therapy/ FEMALE/ HUMAN/ MALE/ SEX FACTORS/ TAMPONS

2198. **Feldman JD, Tubergen DG, Pollock EM, et al:** Distribution of a macrophage-specific antigen.
Cell Immunol 5:325-37, Oct 72
ANIMAL EXPERIMENTS/ ANTIBODY DISSOCIATION/ *ANTIGENIC DETERMINANTS/ *ANTIGENS, analysis/ AUTORADIOGRAPHY/ GLOBULINS/ GUINEA PIGS/ IGG/ IMMUNE SERUMS/ IODINE ISOTOPES/ *MACROPHAGES, immunology/ MICROSCOPY, ELECTRON/ MICROSCOPY, FLUORESCENCE/ NEURAMINIDASE, pharmacodynamics/ PHAGOCYTOSIS/ RABBITS, immunology/ TRYPSIN, pharmacodynamics/ ZYMOSAN

2199. **Feldman JM, Quickel KE Jr:** Effects of amino acids, epinephrine and heparin upon the radioimmunoassay of insulin in plasma. Diabetes 22:9-15, Jan 73
*AMINO ACIDS, pharmacodynamics/ ARGININE, pharmacodynamics/ *EPINEPHRINE, pharmacodynamics/ FASTING/ GLUCOSE TOLERANCE TEST/ *HEPARIN, pharmacodynamics/ HUMAN/ *INSULIN, blood/ INSULIN ANTIBODIES/ LEUCINE, pharmacodynamics/ METHODS/ *RADIOIMMUNOASSAY/ SERUM ALBUMIN, BOVINE

2200. **Feldman S, Hughes WT, Kim HY:** Herpes zoster in children with cancer.
Am J Dis Child 126:178-84, Aug 73
ADOLESCENCE/ BACTERIAL INFECTIONS, etiology/ CHILD/ CHILD, PRESCHOOL/ COBALT ISOTOPES/ CYTARABINE, therapeutic use/ HERPES ZOSTER, complications/ *HERPES ZOSTER, complications/ HERPES ZOSTER, drug therapy/ HODGKIN'S DISEASE, complications/ HUMAN/ IDOXURIDINE, therapeutic use/ IMMUNOGLOBULINS, therapeutic use/ LEUKEMIA, LYMPHOCYTIC, complications/ LYMPHOSARCOMA, complications/ *NEOPLASMS, complications/

NEOPLASMS, drug therapy/ NEOPLASMS, radiotherapy/ PEPTIDE HYDROLASES, therapeutic use/ RECURRENCE/ REMISSION/ SEASONS/ SPLENECTOMY/ VARICELLA-ZOSTER VIRUS, isolation & purification

2201. **Feldmann G, Bignon J, Chahinian P:** Antitrypsin deficiency. Lancet 1:1515, 30 Jun 73
HUMAN/ *LIVER, pathology/ LIVER CIRRHOSIS, pathology/ *METABOLISM, INBORN ERRORS, pathology/ MICROSCOPY, ELECTRON/ *TRYPSIN INHIBITORS, analysis

2202. **Felix JA, Lundgren DG:** Electron transport system associated with membranes of Bacillus cereus during vegetative growth and sporulation.
J Bacteriol 115:552-9, Aug 73
AZIDES, pharmacodynamics/ BACILLUS CEREUS, analysis/ BACILLUS CEREUS, enzymology/ *BACILLUS CEREUS, growth & development/ BACILLUS CEREUS, metabolism/ BISHYDROXYCOUMARIN, pharmacodynamics/ CATALASE, metabolism/ CELL MEMBRANE, analysis/ CELL MEMBRANE, enzymology/ *CELL MEMBRANE, metabolism/ CYANIDES, pharmacodynamics/ CYTOCHROMES, analysis/ ELECTRON TRANSPORT/ NAD/ NAD, metabolism/ OXIDOREDUCTASES, antagonists & inhibitors/ QUINACRINE, pharmacodynamics/ QUINOLINES, pharmacodynamics/ *SPORES, growth & development/ SPORES, BACTERIAL, analysis/ SPORES, BACTERIAL, enzymology/ SPORES, BACTERIAL, growth & development/ SPORES, BACTERIAL, metabolism/ SUCCINATE DEHYDROGENASE, antagonists & inhibitors/ SUCCINATES, metabolism

2203. **Felix JM, Sutter BC, Jacquot R:** Inhibitors of proteolysis and glucose uptake by diaphragm muscle in vitro under insulin action.
Horm Metab Res 5:89-93, Mar 73
ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ ANTIMETABOLITES, pharmacodynamics/ AUTOANALYSIS/ BINDING SITES/ BIOLOGICAL TRANSPORT/ DIAPHRAGM/ GLUCOSE, analysis/ *GLUCOSE, metabolism/ IN VITRO/ *INSULIN, pharmacodynamics/ INSULIN ANTIBODIES/ KINETICS/ *MUSCLES, enzymology/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, metabolism/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ RATS/ RECEPTORS, HORMONE

2204. **Felsby M, Munk-Andersen G, Siboni K:** Simultaneous contamination of transfusion blood with Enterobacter agglomerans and Pseudomonas fluorescens, supposedly from the pilot tubes.
J Med Microbiol 6:413-6, Aug 73
ACIDS/ *BLOOD, microbiology/ *BLOOD PRESERVATION/ BLOOD TRANSFUSION, adverse effects/ CITRATES/ COLD/ DRUG ADULTERATION/ DRUG STORAGE/ *ENTEROBACTERIACEAE, isolation & purification/ GLUCOSE/ HEAT/ PSEUDOMONAS, growth & development/ *PSEUDOMONAS, isolation & purification/ PSEUDOMONAS INFECTIONS, etiology/ REFRIGERATION

2205. **Felsted RL, Kramer KJ, Law JH, et al:** Cocoonase. IV. Mechanism of activation of prococoonase from Antheraea polyphemus.
J Biol Chem 248:3012-20, 10 May 73
AMINO ACIDS, analysis/ AUTOANALYSIS/ CATTLE/ CENTRIFUGATION, DENSITY GRADIENT/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ *ENZYME PRECURSORS, metabolism/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MATHEMATICS/ MOLECULAR WEIGHT/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDES, metabolism/ *SILKWORMS, enzymology/ SODIUM DODECYL SULFATE/ TIME FACTORS/ TRYPSIN, pharmacodynamics

2206. **Felsted RL, Law JH, Sinha AK, et al:** Properties of the Antheraea mylitta cocoonase.
Comp Biochem Physiol [B] 44:595-609, 15 Feb 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ BINDING SITES/ CARBOHYDRATES, analysis/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ CHYMOTRYPSINOGEN/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ GEL FILTRATION/ KINETICS/ METAMORPHOSIS, BIOLOGICAL/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, analysis/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ PEPTIDES, analysis/ *SILKWORMS, enzymology/ SODIUM DODECYL SULFATE/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRITIUM/ TRYPSIN

2207. **Fendler JP, Houbouyan L, Baglin A, et al:** Anévrysme disséquant de l'aorte responsable d'une coagulopathies de consommation.
Nouv Presse Med 2:971-4, 14 Apr 73 (Fre)
AGED/ *AORTIC ANEURYSM, complications/ BLOOD COAGULATION TESTS/ CASE REPORT/ CEREBRAL HEMORRHAGE, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ KIDNEY FAILURE, CHRONIC, etiology/ KIDNEY, POLYCYSTIC, complications

2208. **Feo F, Bonelli G, Canuto RA, et al:** Further observations on the effects of trypsin on the volume and functions of mitochondria isolated from normal liver and AH-130 Yoshida ascites hepatoma.
Cancer Res 33:1804-12, Jul 73
ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CELL LINE/ CYTOCHROME C/ CYTOCHROME OXIDASE, antagonists & inhibitors/ CYTOCHROME REDUCTASES, metabolism/ DEXTRAN/ DIGITONIN, pharmacodynamics/ *HEPATOMA/ MEMBRANES, drug effects/ *MITOCHONDRIA, LIVER, drug effects/ MITOCHONDRIA, LIVER, enzymology/ MITOCHONDRIAL SWELLING, drug effects/ NEOPLASMS, EXPERIMENTAL/ PERMEABILITY/ PHOSPHOLIPASE, pharmacodynamics/ PHOSPHOTRANSFERASES, antagonists & inhibitors/ RATS/ SUCCINATES/ *TRYPSIN, pharmacodynamics

2209. **Ferguson AR, Katsunuma T, Betz H, et al:** Purification and properties of an inhibitor of the tryptophan-synthase-inactivating enzymes in yeast.
Eur J Biochem 32:444-50, 1 Feb 73
ALCOHOL, ETHYL/ DEOXYRIBONUCLEASE/ *FUNGAL PROTEINS, isolation & purification/ HEAT/ *HYDRO-LYASES, antagonists & inhibitors/ MURAMIDASE/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PRECIPITATION/ PRONASE/ RIBONUCLEASE/ SACCHAROMYCES CEREVISIAE, enzymology/ SOY BEANS/ TRICHLOROACETIC ACID/ TRYPSIN/ TRYPSIN INHIBITORS/ TRYPTOPHAN/ TRYPTOPHAN SYNTHETASE/ TRYPTOPHAN SYNTHETASE, antagonists & inhibitors

2210. **Ferguson EF Jr, Houston CH:** Benign and malignant tumors of the colon and rectum.
South Med J 65:1213-20, Oct 72
ABSCESS, diagnosis/ AGED/ CARCINOID TUMOR, diagnosis/ *COLONIC NEOPLASMS/ COLONIC NEOPLASMS, surgery/ DIAGNOSIS, DIFFERENTIAL/ ENDOMETRIOSIS, diagnosis/ GRANULOMA, diagnosis/ HEMANGIOMA, diagnosis/ HUMAN/ *INTESTINAL POLYPS/ INTESTINAL POLYPS, diagnosis/ LEIOMYOMA, diagnosis/ LIPOMA, diagnosis/ LYMPHOMA, diagnosis/ MIDDLE AGE/

PEUTZ-JEGHERS SYNDROME/ PNEUMATOSIS CYSTOIDES INTESTINALIS, diagnosis/ POLYPS, diagnosis/ PROGNOSIS/ *RECTAL NEOPLASMS/ RECTAL NEOPLASMS, diagnosis/ RECTAL NEOPLASMS, surgery/ VENEREAL DISEASES, diagnosis

2211. **Ferguson GC**: Alpha-1-antitrypsin deficiency and intrinsic asthma. Br J Dis Chest 67:71-4, Jan 73
*ASTHMA, enzymology/ CASE REPORT/ HETEROZYGOTE/ HUMAN/ MALE/ *METABOLISM, INBORN ERRORS, enzymology/ MIDDLE AGE/ *PULMONARY EMPHYSEMA, enzymology/ *TRYPSIN INHIBITORS, blood

2212. **Ferguson GC**: Asthma and antitrypsin deficiency. Lancet 2:459, 25 Aug 73
*ASTHMA/ CHILD/ HUMAN/ *TRYPSIN INHIBITORS, blood

2213. **Ferguson JC, Mackay N, McNicol GP**: Effect of feeding fat on fibrinolysis, stypven time, and platelet aggregation in elderly Africans.
J Clin Pathol 25:574-6, Jul 72
AGED/ BLOOD CELL COUNT/ *BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ *DIETARY FATS/ *FIBRINOLYSIS/ HUMAN/ INDICATORS AND REAGENTS/ MALE/ METHODS/ MIDDLE AGE/ NEGROES/ *PLATELET ADHESIVENESS/ SERUM GLOBULINS/ VENOMS

2214. **Fergusson IL**: Haemangiomata of skeletal muscle. Br J Surg 59:634-7, Aug 72
ADULT/ ANGIOGRAPHY/ FEMALE/ *HEMANGIOMA/ HEMANGIOMA, diagnosis/ HEMANGIOMA, pathology/ HEMANGIOMA, radiography/ HEMANGIOMA, surgery/ HUMAN/ MALE/ *MUSCLES, blood supply/ MUSCULAR DISEASES/ MUSCULAR DISEASES, diagnosis/ MUSCULAR DISEASES, pathology/ MUSCULAR DISEASES, radiography/ MUSCULAR DISEASES, surgery

2215. **Feria-Velasco A, Aznar-Ramos R, González-Angulo A**: Ultrastructural changes found in the endometrium of women using megestrol acetate for contraception. Contraception 5:187-201, Mar 72
ACETIC ACIDS/ ADULT/ BIOPSY/ BLOOD PLATELETS/ CYTOPLASMIC GRANULES/ ENDOMETRIUM, drug effects/ ENDOMETRIUM, pathology/ ENDOPLASMIC RETICULUM/ EPITHELIAL CELLS, cytology/ FEMALE/ GLYCOGEN, analysis/ GOLGI APPARATUS/ HUMAN/ LYSOSOMES/ MEGESTROL, pharmacodynamics/ MICROSCOPY, ELECTRON/ OVULATION/ SPECIAL LIST REPRODUCTION/ TIME FACTORS

2216. **Ferlazzo A**: Considerazioni conclusive.
Minerva Pediatr 24:1431-3, 15 Sep 72 (Ita)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENOSINE DIPHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ ANTIBODY SPECIFICITY/ *BLOOD PLATELET DISORDERS/ BLOOD PLATELET DISORDERS, immunology/ BLOOD PLATELET DISORDERS, metabolism/ CHILD/ HUMAN/ *THROMBOPENIA

2217. **Ferlazzo A**: Le sindromi piastrinopeniche e piastrinopatiche dell'età pediatrica. I. Introduzione.
Minerva Pediatr 24:1201-7, 1 Sep 72 (Ita)
*BLOOD PLATELET DISORDERS, diagnosis/ BLOOD PLATELET DISORDERS, therapy/ CHILD/ HUMAN/ *THROMBOPENIA, diagnosis/ THROMBOPENIA, therapy

2218. **Fernald GW**: In vitro response of human lymphocytes to Mycoplasma pneumoniae.
Infect Immun 5:552-8, Apr 72
ANTIBODIES, BACTERIAL, analysis/ ANTIGENS, BACTERIAL, administration & dosage/ CANDIDA ALBICANS, enzymology/ CLINICAL RESEARCH/ COMPLEMENT FIXATION TESTS/ CULTURE MEDIA/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IMMUNITY, CELLULAR/ IN VITRO/ LYMPHOCYTES, drug effects/ *LYMPHOCYTES, immunology/ *MYCOPLASMA, immunology/ *MYCOPLASMA INFECTIONS, immunology/ PLANT AGGLUTININS, pharmacodynamics/ STREPTODORNASE AND STREPTOKINASE, pharmacodynamics/ THYMIDINE/ TIME FACTORS/ TRITIUM

2219. **Fernbach DJ**: Bleeding and infection.
Am J Dis Child 125:900, Jun 73
BLOOD PLATELETS/ *BLOOD TRANSFUSION/ *CHICKENPOX, complications/ CHILD/ HEMORRHAGE, etiology/ *HEMORRHAGE, therapy/ HUMAN/ MALE/ SPLENECTOMY/ *THROMBOPENIA, complications/ THROMBOPENIA, etiology

2220. **Fernbach DJ, Starling KA**: Infectious mononucleosis.
Pediatr Clin North Am 19:957-68, Nov 72 (77 ref.)
ADOLESCENCE/ ANEMIA, HEMOLYTIC, etiology/ ANTIBODIES, VIRAL/ *BURKITT'S LYMPHOMA VIRUS, pathogenicity/ CHILD/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *INFECTIOUS MONONUCLEOSIS/ INFECTIOUS MONONUCLEOSIS, blood/ INFECTIOUS MONONUCLEOSIS, complications/ INFECTIOUS MONONUCLEOSIS, drug therapy/ INFECTIOUS MONONUCLEOSIS, etiology/ INFECTIOUS MONONUCLEOSIS, immunology/ INFECTIOUS MONONUCLEOSIS, microbiology/ LIVER DISEASES, etiology/ *LYMPHATIC DISEASES/ LYMPHOCYTES, cytology/ LYMPHOCYTOSIS, etiology/ NEUROLOGIC MANIFESTATIONS/ PNEUMONIA, etiology/ PROGNOSIS/ REVIEW/ THROMBOPENIA, etiology/ VIRUS DISEASES, diagnosis

2221. **Ferri F, D'Agostino F, D'Onofrio E**: Influenza di un eparinoide estrattivo sul quadro lipidemico e sul trombodensitogramma basale.
Minerva Med 64:272-7, 27 Jan 73 (Ita)
AGED/ ARTERIOSCLEROSIS, blood/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, drug effects/ CHOLESTEROL, blood/ DENSITOMETRY/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS, drug effects/ *HEPARINOID, pharmacodynamics/ HUMAN/ *LIPIDS, blood/ LIPOPROTEINS, blood/ MALE/ MIDDLE AGE/ PLATELET ADHESIVENESS, drug effects/ THROMBIN, analysis/ THROMBOPLASTIN, analysis/ TIME FACTORS

2222. **Ferris B Jr**: Chronic bronchitis and emphysema. Classification and epidemiology.
Med Clin North Am 57:637-49, May 73 (27 ref.)
AGE FACTORS/ AIR POLLUTION/ BRONCHITIS, classification/ BRONCHITIS, etiology/ BRONCHITIS, mortality/ *BRONCHITIS, occurrence/ CHRONIC DISEASE/ COSTS AND COST ANALYSIS/ ENVIRONMENTAL EXPOSURE/ EUROPE/ FEMALE/ GREAT BRITAIN/ HUMAN/ MALE/ METABOLISM, INBORN ERRORS, complications/ PULMONARY EMPHYSEMA, classification/ PULMONARY EMPHYSEMA, etiology/ PULMONARY EMPHYSEMA, mortality/ *PULMONARY EMPHYSEMA, occurrence/ REVIEW/ SEX FACTORS/ SMOKING, complications/ TRYPSIN INHIBITORS, blood/ UNITED STATES

2223. **Ferrucci JT Jr, Janower ML**: Localized infiltrating lesions of the stomach.
Semin Roentgenol 6:168-81, Apr 71
ABSCESS, pathology/ AMYLOIDOSIS, pathology/ COLONIC NEOPLASMS, pathology/ ENTERITIS, REGIONAL, pathology/ GASTRITIS, radiography/ GRANULOMA, radiography/ HEMATOMA/ HUMAN/ HYPERPLASIA/ HYPERTROPHY, pathology/ INFLAMMATION, pathology/ LYMPHOID TISSUE, pathology/ NEOPLASM METASTASIS/ PANCREATIC CYST, pathology/ PANCREATIC NEOPLASMS, pathology/ PANCREATIC NEOPLASMS, radiography/ PANCREATITIS,

pathology/ PERITONEAL NEOPLASMS, pathology/ SARCOIDOSIS, pathology/ *STOMACH DISEASES, pathology/ STOMACH DISEASES, radiography/ *STOMACH NEOPLASMS, pathology/ STOMACH NEOPLASMS, radiography/ SYPHILIS, pathology/ TUBERCULOSIS, GASTROINTESTINAL, pathology

2224. **Ferry AP:** Hemangiomas of the iris and ciliary body. Do they exist? A search for a histologically proved case.
Int Ophthalmol Clin 12:177-94, Spring 72 (18 ref.)
ADOLESCENCE/ ADULT/ CHOROID NEOPLASMS, pathology/ *CILIARY BODY/ CILIARY BODY, pathology/ *EYE NEOPLASMS, pathology/ FEMALE/ *HEMANGIOMA, pathology/ HEMANGIOMA, CAVERNOUS, pathology/ HUMAN/ INFANT/ IRIS, pathology/ MALE/ MELANOMA, pathology/ MIDDLE AGE/ REGISTRIES/ REVIEW/ UVEA, pathology

2225. **Fersht AR:** Conformational equilibria and the salt bridge in chymotrypsin.
Cold Spring Harbor Symp Quant Biol 36:71-3, 1971
ACRIDINES/ ASPARTIC ACID/ BINDING SITES/ CHEMISTRY/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, antagonists & inhibitors/ HYDROGEN-ION CONCENTRATION/ ISOLEUCINE/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SPECTROPHOTOMETRY/ TEMPERATURE/ THERMODYNAMICS

2226. **Fersht AR, Blow DM, Fastrez J:** Leaving group specificity in the chymotrypsin-catalyzed hydrolysis of peptides. A stereochemical interpretation.
Biochemistry 12:2035-41, 22 May 73
ACETIC ACIDS/ ACYLATION/ AMIDES/ AMINO ACIDS/ ANILINE COMPOUNDS/ BINDING SITES/ CARBOXYLIC ACIDS/ CATALYSIS/ CATTLE/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, antagonists & inhibitors/ FURANS/ HYDRAZINES/ HYDROLYSIS/ KINETICS/ MODELS, CHEMICAL/ PANCREAS/ *PEPTIDES/ PHENYLALANINE/ STEREOISOMERS/ STRUCTURE-ACTIVITY RELATIONSHIP/ THERMODYNAMICS/ TRYPSIN INHIBITORS/ TRYPTOPHAN/ TYROSINE

2227. **Fersht AR, Sperling J:** The charge relay system in chymotrypsin and chymotrypsinogen.
J Mol Biol 74:137-49, 25 Feb 73
CARBON ISOTOPES/ *CHYMOTRYPSIN/ *CHYMOTRYPSINOGEN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MODELS, CHEMICAL/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ SEMICARBAZIDES/ SODIUM CHLORIDE/ SPECTROPHOTOMETRY

2228. **Fesenko IP:** Nektorye pokazateli funktsional'nogo sostoianiia pecheni pri gipertonicheskof bolezni.
Vrach Delo 2:89-90, Feb 72 (Rus)
ADULT/ AGED/ BLOOD COAGULATION/ BLOOD PRESSURE/ BLOOD PROTEINS, metabolism/ BLOOD SUGAR, metabolism/ CHOLESTEROL, blood/ FEMALE/ HUMAN/ HYPERTENSION, blood/ *HYPERTENSION, physiopathology/ *LIVER, physiopathology/ MALE/ MIDDLE AGE

2229. **Fett JW, Deutsch HF, Smithies O:** Hinge-region deletion localized in the IgG-globulin Mcg.
Immunochemistry 10:115-8, Feb 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AUTOANALYSIS/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ HUMAN/ *IGG, analysis/ *IMMUNOGLOBULIN FRAGMENTS, analysis/ PROTEIN CONFORMATION/ TRYPSIN

2230. **Feuerstein SS:** Subglottic hemangioma in infants.
Laryngoscope 83:466-75, Apr 73
CHILD, PRESCHOOL/ FEMALE/ *GLOTTIS/ HEMANGIOMA, complications/ HEMANGIOMA, diagnosis/ HEMANGIOMA, surgery/ HUMAN/ INFANT/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, diagnosis/ INFANT, NEWBORN, DISEASES, surgery/ LARYNGEAL NEOPLASMS, complications/ *LARYNGEAL NEOPLASMS, diagnosis/ LARYNGEAL NEOPLASMS, surgery/ MALE/ RESPIRATORY INSUFFICIENCY, diagnosis/ SKIN NEOPLASMS, complications/ TRACHEOTOMY

2231. **Fewell RG, Cundy A, Jenkins GC:** The one stage prothrombin test: a comparative study of a mechanized prothrombinmeter and manual testing.
Med Lab Technol 29:147-51, Apr 72
AUTOMATION/ FIBRIN, analysis/ *HEMATOLOGY, instrumentation/ *PROTHROMBIN TIME

2232. **Fewer D, Wilson CB, Boldrey EB, et al:** The chemotherapy of brain tumors. Clinical experience with carmustine (BCNU) and vincristine.
JAMA 222:549-52, 30 Oct 72
ASTROCYTOMA, drug therapy/ *BRAIN NEOPLASMS, drug therapy/ CARCINOSARCOMA, drug therapy/ CARMUSTINE, adverse effects/ *CARMUSTINE, therapeutic use/ CEREBRAL ANGIOGRAPHY/ EPENDYMOMA, drug therapy/ EVALUATION STUDIES/ GLIOBLASTOMA MULTIFORME, drug therapy/ GLIOMA, drug therapy/ HUMAN/ INJECTIONS, INTRAVENOUS/ LEUKOPENIA, chemically induced/ MEDULLOBLASTOMA, drug therapy/ MELANOMA, drug therapy/ NEOPLASM METASTASIS/ PARESTHESIA, chemically induced/ RADIOISOTOPE SCANNING/ REFLEX, TENDON/ THROMBOPENIA, chemically induced/ VINCRISTINE, adverse effects/ *VINCRISTINE, therapeutic use

2233. **Fidelski R, Szydlowski A:** Badania nad właściwościami immunoglobulin osocza krwi konserwowanej, przechowywanego w warunkach standardowych i w ciekłym azocie (LN 2.
Acta Haematol Pol 3:161-7, Apr-Jun 72 (Pol)
ADULT/ *BLOOD PRESERVATION/ *COLD/ ELECTROPHORESIS, PAPER/ ENGLISH ABSTRACT/ HUMAN/ IGA/ IGG/ IGM/ IMMUNOELECTROPHORESIS/ *IMMUNOGLOBULINS/ METHODS/ *NITROGEN/ *PLASMA/ TIME FACTORS

2234. **Fidelski R, Tchórzewski H, Niedworok J:** Badania nad zachowaniem się aktywności niektórych enzymów lizosomalnich ludzkich krwinek białych w przebiegu gośćca przewlekłego postępującego (GPP), tocznia rumieniowatego (LE) oraz zesztywniającego zapalenia stawów kręgosłupa (ZZSK.
Acta Haematol Pol 2:229-34, Jul-Sep 71 (Pol)
ACID PHOSPHATASE, blood/ ADULT/ ARTHRITIS, RHEUMATOID, blood/ *ARTHRITIS, RHEUMATOID, enzymology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LEUKOCYTES, enzymology/ LUPUS ERYTHEMATOSUS, SYSTEMIC, blood/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, enzymology/ *LYSOSOMES, enzymology/ MALE/ MIDDLE AGE/ PEPTIDE HYDROLASES, blood/ SPONDYLITIS, ANKYLOSING, blood/ *SPONDYLITIS, ANKYLOSING, enzymology

2235. **Fiedler H:** Störungen der Blutgerinnung durch abnormale blutgerinnungsfaktoren.
Z Aerztl Fortbild (Jena) 66:692-8, 1 Jul 72 (Ger)
*BLOOD COAGULATION DISORDERS, etiology/ *BLOOD COAGULATION FACTORS/ CHRISTMAS DISEASE, blood/ FACTOR VII/ FACTOR VIII/ FACTOR VIII, antagonists & inhibitors/ FACTOR IX, antagonists & inhibitors/ FACTOR X/ FACTOR XII/ FACTOR XIII DEFICIENCY, blood/ HEMOPHILIA, blood/ HUMAN/ HYPOPROCONVERTINEMIA, blood/ HYPOPROTHROMBINEMIAS, blood/ IMMUNOELECTROPHORESIS

2236. **Fiedler H:** Molekularbiologische Erkenntnisse über einige Gerinnungsfaktoren.
Folia Haematol (Leipz) 98:121-39, 1972 (121 ref.) (Ger)
AFIBRINOGENEMIA, blood/ AMINO ACID

SEQUENCE/ ANTIGENS/ *BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION FACTORS, biosynthesis/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FACTOR VIII/ FEMALE/ FIBRINOGEN, analysis/ GEL DIFFUSION TESTS/ GENES, RECESSIVE/ HEMOPHILIA, blood/ HEMOPHILIA, immunology/ HUMAN/ HYPOPROCONVERTINEMIA, blood/ HYPOPROTHROMBINEMIAS, blood/ HYPOPROTHROMBINEMIAS, familial & genetic/ MALE/ PEPTIDES/ PREGNANCY/ REVIEW/ VON WILLEBRAND'S DISEASE, blood

2237. **Fiedler H, Thiele G:** Myokardinfarkt und Schulter-Arm-Syndrom.
Z Aerztl Fortbild (Jena) 66:1090-2, 1 Nov 72 (Ger)
ADULT/ AGE FACTORS/ AGED/ ASPIRIN, therapeutic use/ BENZYL COMPOUNDS, therapeutic use/ COUMARINS, therapeutic use/ EXERCISE THERAPY/ HUMAN/ MIDDLE AGE/ *MYOCARDIAL INFARCT, complications/ MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, rehabilitation/ PHENINDIONE, therapeutic use/ RETROSPECTIVE STUDIES/ *SHOULDER-HAND SYNDROME, etiology/ SHOULDER-HAND SYNDROME, therapy

2238. **Fielding CJ:** Further characterisation of lipoprotein lipase and hepatic post-heparin lipase from rat plasma. Biochim Biophys Acta 280:569-78, 8 Dec 72
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, THIN LAYER/ HEPARIN, pharmacodynamics/ HINDLIMB, metabolism/ HYDROGEN-ION CONCENTRATION/ HYDROLASES, analysis/ *LIPASE, blood/ LIPIDS, metabolism/ *LIPOPROTEIN LIPASE/ LIVER, drug effects/ *LIVER, enzymology/ MALE/ MYOCARDIUM, metabolism/ ORGANOPHOSPHORUS COMPOUNDS, pharmacodynamics/ PERFUSION/ PROTAMINES, pharmacodynamics/ RATS/ SODIUM CHLORIDE, pharmacodynamics/ TRIGLYCERIDES

2239. **Fielding CJ:** Kinetics of lipoprotein lipase activity: effects of the substrate apoprotein on reaction velocity. Biochim Biophys Acta 316:66-75, 19 Jul 73
ADIPOSE TISSUE, enzymology/ ANIMAL EXPERIMENTS/ APOPROTEINS/ ENZYME ACTIVATION/ EPIDIDYMIS/ GLYCERIDES/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LIPASE, blood/ *LIPOPROTEIN LIPASE/ LIPOPROTEIN LIPASE, blood/ *LIPOPROTEINS, blood/ LIPOPROTEINS, VLDL, blood/ MALE/ OLEIC ACID/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP/ THERMODYNAMICS/ TRIOLEIN

2240. **Fieschi A:** Piastrinopenie eredofamiliari.
Minerva Med 64:1863-70, 19 May 73 (Ita)
BLOOD CELL COUNT/ BLOOD PLATELETS/ ENDOPLASMIC RETICULUM/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MICROSCOPY, ELECTRON/ THROMBELASTOGRAPHY/ THROMBOPENIA, blood/ *THROMBOPENIA, familial & genetic/ THROMBOPENIA, pathology

2241. **Fietzek PP, Rexrodt FW, Wendt P, et al:** The covalent structure of collagen. Amino-acid sequence of peptide 1-CB6-C2. Eur J Biochem 30:163-8, 17 Oct 72
AMINO ACID SEQUENCE/ AUTOANALYSIS/ CATTLE/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN LAYER/ CHYMOTRYPSIN/ CLOSTRIDIOPEPTIDASE A/ *COLLAGEN, analysis/ CYANOGEN BROMIDE/ GEL FILTRATION/ GLYCINE, analysis/ HYDROXYPROLINE, analysis/ PEPTIDES/ *PEPTIDES, analysis/ SKIN, analysis/ THERMOLYSIN/ TRYPSIN

2242. **Filin VI, Koval'chuk VI, Ekhalova GA:** O sushchnosti intoksikatsii i dezintoksikatsionnoĭ terapii pri ostrom pankreatite.
Vestn Khir 109:59-65, Jan 73 (Rus)
ACUTE DISEASE/ *DIURETICS, therapeutic use/ DRAINAGE/ ENGLISH ABSTRACT/ HUMAN/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ *PANCREATITIS, complications/ PANCREATITIS, drug therapy/ PANCREATITIS, surgery

2243. **Filipowicz Z:** Wpływ przewlekłego podawania azatiopryny na zdrowe psy.
Pol Arch Med Wewn 49:239-48, Sep 72 (Pol)
ANIMAL EXPERIMENTS/ *AZATHIOPRINE, administration & dosage/ BLOOD PLATELET DISORDERS, chemically induced/ *BLOOD PLATELETS, drug effects/ DOGS/ ENGLISH ABSTRACT/ FEMALE/ *LEUKOCYTE COUNT/ LIVER, drug effects

2244. **Filkins JP:** Acidic pH and the hepatic detoxification of endotoxin. J Reticuloendothel Soc 13:511-7, Jun 73
ACETATES/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BUFFERS/ *ENDOTOXINS/ *HYDROGEN-ION CONCENTRATION/ LEAD/ *LIVER, metabolism/ LYSOSOMES, metabolism/ MALE/ RATS/ SALMONELLA ENTERITIDIS/ TEMPERATURE/ TIME FACTORS/ TRYPSIN

2245. **Fill H, Lederer B, Propst A:** Verbrauchskoagulopathie nach Geburt. Med Welt 24:257-60, 16 Feb 73 (Ger)
ADULT/ AUTOPSY/ *DISSEMINATED INTRAVASCULAR COAGULATION/ FEMALE/ HUMAN/ KIDNEY, pathology/ LABOR/ NECROSIS/ PREGNANCY/ *PUERPERAL DISORDERS

2246. **Finaz C, Grouchy J de:** Identification of individual chromosomes in the human karyotype by their banding pattern after proteolytic digestion.
Humangenetik 15:249-52, 1972
CELLS, CULTURED/ CHYMOTRYPSIN/ *DIGESTION/ FIBROBLASTS/ GENETICS, BIOCHEMICAL/ HUMAN/ *KARYOTYPING/ LYMPHOCYTES/ *PEPTIDE HYDROLASES/ PRONASE

2247. **Fincham RW, Davenport SS:** Occlusive cerebrovascular disease. Am Fam Physician 7:68-76, Apr 73
ANTICOAGULANTS, therapeutic use/ BRAIN, blood supply/ CAROTID ARTERY DISEASES, surgery/ CEREBRAL ANGIOGRAPHY/ CEREBRAL ARTERIES/ CEREBRAL ARTERIOSCLEROSIS, prevention & control/ CEREBRAL EMBOLISM AND THROMBOSIS, physiopathology/ CEREBRAL ISCHEMIA, TRANSIENT, physiopathology/ *CEREBROVASCULAR CIRCULATION/ CEREBROVASCULAR DISORDERS, diagnosis/ CEREBROVASCULAR DISORDERS, drug therapy/ *CEREBROVASCULAR DISORDERS, physiopathology/ CIRCLE OF WILLIS/ DEXTRAN, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ ENDARTERECTOMY/ HUMAN/ HYPERCHOLESTEREMIA, therapy/ HYPERTENSION, therapy/ VASODILATOR AGENTS, therapeutic use/ VERTEBRAL ARTERY

2248. **Finco DR, Duncan JR, Schall WD, et al:** Chronic enteric disease and hypoproteinemia in 9 dogs.
J Am Vet Med Assoc 163:262-71, 1 Aug 73
ANIMAL EXPERIMENTS/ BLOOD PROTEINS, analysis/ CHRONIC DISEASE/ DIARRHEA, etiology/ DIARRHEA, veterinary/ *DOG DISEASES/ DOGS/ EDEMA, etiology/ EDEMA, veterinary/ FECES, enzymology/ FEMALE/ GASTROINTESTINAL DISEASES, complications/ GASTROINTESTINAL DISEASES, pathology/ *GASTROINTESTINAL DISEASES, veterinary/ HEMATOCRIT/ HYDROTHORAX, etiology/ HYDROTHORAX, veterinary/ HYPOPROTEINEMIA, etiology/ *HYPOPROTEINEMIA, veterinary/ INTESTINAL ABSORPTION/ INTESTINE, SMALL, pathology/ LEUKOCYTE COUNT/ MALE/ PROTEIN-LOSING ENTEROPATHIES,

veterinary/ TRYPSIN, analysis/ URINE, analysis

2249. **Fine J, Finestone SC:** An unusual complication of endotracheal intubation: report of a case.
Anesth Analg (Cleve) 52:204-6, Mar 73
AGED/ *AIRWAY OBSTRUCTION, etiology/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ GRANULOMA, diagnosis/ HEMATOMA, diagnosis/ *HEMATOMA, etiology/ HEMATOMA, surgery/ HUMAN/ *INTUBATION, INTRATRACHEAL, adverse effects/ LARYNGOSCOPY/ *TRACHEA, injuries

2250. **Fink AL:** The -chymotrypsin-catalyzed hydrolysis of N-acetyl-L-tryptophan p-nitrophenyl ester in dimethyl sulfoxide at subzero temperatures.
Biochemistry 12:1736-42, 24 Apr 73
ACETIC ACIDS/ ACYLATION/ CATALYSIS/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, isolation & purification/ CIRCULAR DICHROISM/ COLD/ *DIMETHYL SULFOXIDE/ ESTERS/ FLUORESCENCE SPECTROMETRY/ GEL FILTRATION/ HYDROLYSIS/ *NITROPHENOLS/ OSMOLAR CONCENTRATION/ PROTEIN CONFORMATION/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *TRYPTOPHAN

2251. **Fink AL:** The isolation of N-acetyl-L-tryptophanyl--chymotrypsin.
Arch Biochem Biophys 155:473-4, Apr 73
ACETIC ACIDS/ CHROMATOGRAPHY, AFFINITY/ *CHYMOTRYPSIN, isolation & purification/ FLUORESCENCE SPECTROMETRY/ GEL FILTRATION/ KINETICS/ PROTEIN BINDING/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TEMPERATURE/ TRYPTOPHAN

2252. **Fink E, Schiessler H, Arnhold M, et al:** Isolierung eines Trypsin-ähnlichen Enzyms (Akrosin) aus Eberspermien.
Hoppe Seylers Z Physiol Chem 353:1633-7, Oct 72 (Ger)
ADSORPTION/ ANIMAL EXPERIMENTS/ ARGININE/ CHROMATOGRAPHY, AFFINITY/ DRUG STABILITY/ ENGLISH ABSTRACT/ GEL FILTRATION/ GLASS/ HYDROGEN-ION CONCENTRATION/ MALE/ MOLECULAR WEIGHT/ *PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ *SPERMATOZOA, enzymology/ SWINE/ TRYPSIN

2253. **Fink R, Hesse P:** Die Splenektomie bei Morbus Werlhof während einer Schwangerschaft.
Zentralbl Gynaekol 95:665-8, 11 May 73 (Ger)
ADULT/ AMINOBENZOIC ACID, therapeutic use/ FEMALE/ HUMAN/ PREDNISOLONE, therapeutic use/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, therapy/ PURPURA, THROMBOPENIC, drug therapy/ *PURPURA, THROMBOPENIC, therapy/ *SPLENECTOMY

2254. **Finkel'shtein AV:** Obratnaia sviaz' mezhdu pervichnoĭ i vtorichnoĭ strukturoĭ globuliarnykh belkov.
Dokl Akad Nauk SSSR 207:1486-9, 21 Dec 72 (Rus)
CARBOXYPEPTIDASES/ CATTLE/ CETACEA/ CHEMISTRY/ CHICKENS/ CHYMOTRYPSIN/ COMPUTERS, DIGITAL/ CYTOCHROME C/ EGG PROTEINS/ *ENZYMES/ HEMOGLOBIN/ HORSES/ INSULIN/ MURAMIDASE/ MYOGLOBIN/ PANCREATOPEPTIDASE/ PAPAIN/ PEPTIDE PEPTIDOHYDROLASES/ *PROTEINS/ SWINE/ TRYPSIN INHIBITORS

2255. **Finkelstein RA, LaRue MK, LoSpalluto JJ:** Properties of the cholera exo-enterotoxin: effects of dispersing agents and reducing agents in gel filtration and electrophoresis.
Infect Immun 6:934-44, Dec 72
*CHOLERA, immunology/ CHROMATOGRAPHY/ CHYMOTRYPSIN/ CYTOCHROMES/ *ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ENDOTOXINS/ ENDOTOXINS, isolation & purification/ ENDOTOXINS, toxicity/ *GEL FILTRATION/ MYOGLOBIN/ SERUM ALBUMIN, BOVINE/ SKIN TESTS/ TOXOIDS/ TRITIUM/ ULTRACENTRIFUGATION

2256. **Finklestein JZ, Albo V, Ertel I, et al:** 5-(3,3-Dimethyl-1-triazeno)imidazole-4-carboxamide (NSC-45388) in the treatment of advanced acute lymphocytic leukemia in children.
Cancer Chemother Rep 56:523-6, Aug 72
ADOLESCENCE/ AMIDES, administration & dosage/ AMIDES, adverse effects/ AMIDES, therapeutic use/ ANEMIA, chemically induced/ ANTINEOPLASTIC AGENTS, administration & dosage/ ANTINEOPLASTIC AGENTS, adverse effects/ *ANTINEOPLASTIC AGENTS, therapeutic use/ BONE MARROW EXAMINATION/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ IMIDAZOLES, administration & dosage/ IMIDAZOLES, adverse effects/ *IMIDAZOLES, therapeutic use/ *LEUKEMIA, LYMPHOBLASTIC, drug therapy/ MALE/ NAUSEA, chemically induced/ THROMBOPENIA, chemically induced/ TRIAZENES, administration & dosage/ TRIAZENES, adverse effects/ *TRIAZENES, therapeutic use/ VOMITING, chemically induced

2257. **Finlayson JS:** Human fibrinogen free of factor XIII: the pursuit of biological zero.
Ann NY Acad Sci 202:149-54, 8 Dec 72
BLOOD COAGULATION/ CARBON ISOTOPES/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DIALYSIS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ EVALUATION STUDIES/ *FACTOR XIII, analysis/ FACTOR XIII, isolation & purification/ FIBRIN, isolation & purification/ FIBRINOGEN, analysis/ *FIBRINOGEN, isolation & purification/ GEL DIFFUSION TESTS/ GLUTAMINE, analysis/ HUMAN/ LYSINE, analysis/ MERCAPTOETHANOL/ METHODS/ OXIDATION-REDUCTION/ PEPTIDES/ PUTRESCINE/ SODIUM DODECYL SULFATE/ SOLUBILITY

2258. **Finlayson JS, Armstrong BL:** Stability of immunoglobulin G during storage of human serum. Effects of prior heating.
Vox Sang 23:222-7, 1972
ALPHA GLOBULIN, analysis/ *BLOOD PRESERVATION/ BLOOD PROTEINS, analysis/ ELECTROPHORESIS, PAPER/ *HEAT/ HUMAN/ *IGG/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ PERISSODACTYLA, immunology/ RABBITS, immunology

2259. **Finlayson ND, Krohn K, Fauconnet MH, et al:** Significance of serum complement levels in chronic liver disease.
Gastroenterology 63:653-9, Oct 72
ADOLESCENCE/ ANTIGEN-ANTIBODY COMPLEX, analysis/ ASPARTATE AMINOTRANSFERASE, blood/ AUSTRALIA ANTIGEN/ AUTOANTIBODIES, analysis/ CHRONIC DISEASE/ *COMPLEMENT, analysis/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ GAMMA GLOBULIN, analysis/ GEL DIFFUSION TESTS/ HEPATITIS, immunology/ HUMAN/ LIVER CIRRHOSIS, immunology/ LIVER CIRRHOSIS, OBSTRUCTIVE, immunology/ *LIVER DISEASES, immunology/ MIDDLE AGE/ PRECIPITATION/ PROTHROMBIN TIME/ SERUM ALBUMIN, analysis

2260. **Finley JW, Paulson PS:** Selective arteriography and infusion in diagnosis and treatment of acute gastrointestinal bleeding.
Am Surg 39:448-52, Aug 73
AGED/ ALCOHOL, PROPYL, therapeutic use/ *ANGIOGRAPHY/ BLOOD TRANSFUSION/ CATHETERIZATION/ CELIAC ARTERY, radiography/ EPINEPHRINE, administration & dosage/ EPINEPHRINE, therapeutic use/ FEMALE/ *HEMORRHAGE, GASTROINTESTINAL/ HEMORRHAGE, GASTROINTESTINAL, drug therapy/ HEMORRHAGE, GASTROINTESTINAL, radiography/ HEMORRHAGE, GASTROINTESTINAL, therapy/ HEPARIN, administration & dosage/ HEPARIN,

therapeutic use/ HUMAN/ INJECTIONS, INTRA-ARTERIAL/ MALE/ MESENTERIC ARTERIES, radiography/ METHODS/ MIDDLE AGE/ *VASOCONSTRICTOR AGENTS, administration & dosage/ VASOPRESSIN, administration & dosage/ VASOPRESSIN, therapeutic use

2261. **Finley PR:** Hageman factor.
Ann Clin Lab Sci 2:37-9, Jan-Feb 72
ALLELES/ BLOOD COAGULATION DISORDERS, familial & genetic/ *FACTOR XII, physiology/ GENES, RECESSIVE/ HUMAN/ LINKAGE (GENETICS)/ THROMBIN, biosynthesis

2262. **Finney R, McDonald GA, Baikie AG, et al:** Chronic granulocytic leukaemia with Ph 1 negative cells in bone marrow and a ten year remission after busulphan hypoplasia. Br J Haematol 23:283-8, Sep 72
AGED/ ALKALINE PHOSPHATASE, blood/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *BONE MARROW DISEASES, chemically induced/ BUSULFAN, administration & dosage/ *BUSULFAN, adverse effects/ BUSULFAN, therapeutic use/ *CHROMOSOME ABERRATIONS/ *CHROMOSOME ABNORMALITIES/ *CHROMOSOMES, HUMAN, 21-22/ DIVERTICULITIS, complications/ DIVERTICULITIS, drug therapy/ FEMALE/ HEMATOPOIETIC STEM CELLS/ HEMOGLOBINOMETRY/ HUMAN/ LEUKEMIA, MYELOCYTIC, complications/ LEUKEMIA, MYELOCYTIC, drug therapy/ *LEUKEMIA, MYELOCYTIC, familial & genetic/ LEUKOCYTE COUNT/ NEUTROPHILS, enzymology/ PREDNISONE, therapeutic use/ REMISSION/ TIME FACTORS

2263. **Firkin B, Firkin F, Stott L:** Von Willebrand's disease type B: a newly defined bleeding diathesis.
Aust NZ J Med 3:225-9, Jun 73
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADULT/ ANTIGEN-ANTIBODY REACTIONS/ ANTIGENIC DETERMINANTS/ BINDING SITES/ BLOOD COAGULATION TESTS/ COLLAGEN, pharmacodynamics/ FACTOR VIII, analysis/ FEMALE/ HEMOPHILIA, blood/ HUMAN/ PLATELET ADHESIVENESS, drug effects/ RABBITS, immunology/ RISTOCETIN, pharmacodynamics/ VON WILLEBRAND'S DISEASE, blood/ *VON WILLEBRAND'S DISEASE, blood

2264. **First MR, Goldberg B, Abrahams C:** Dipyridamole (persantin) and warfarin in the treatment of glomerulonephritis. S Afr Med J 46:848-9, 17 Jun 72
ADULT/ BIOPSY/ CHILD/ COMPARATIVE STUDY/ *DIPYRIDAMOLE, therapeutic use/ *GLOMERULONEPHRITIS, drug therapy/ HUMAN/ *WARFARIN, therapeutic use

2265. **Fisch IR, Freedman SH, Pellegrin FA:** Effect of oral contraceptives on the thromboelastogram.
Clin Pharmacol Ther 14:238-44, Mar-Apr 73
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION, drug effects/ ETHINYL ESTRADIOL, administration & dosage/ *ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ HUMAN/ MESTRANOL, administration & dosage/ *MESTRANOL, pharmacodynamics/ MIDDLE AGE/ PREGNANCY/ *THROMBELASTOGRAPHY

2266. **Fischer EG, Ames 3d A:** Studies on mechanisms of impairment of cerebral circulation following ischemia: effect of hemodilution and perfusion pressure. Stroke 3:538-42, Sep-Oct 72
ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ *BLOOD VISCOSITY/ BRAIN STEM, blood supply/ CARBON/ CEREBRAL CORTEX, blood supply/ CEREBRAL ISCHEMIA, TRANSIENT, pathology/ *CEREBRAL ISCHEMIA, TRANSIENT, physiopathology/ *CEREBROVASCULAR CIRCULATION/ CEREBROVASCULAR CIRCULATION, drug effects/ ERYTHROCYTE AGGREGATION, INTRAVASCULAR/ FEMALE/ GANGLIA, BASAL, blood supply/ HEMATOCRIT/ HEPARIN, pharmacodynamics/ MALE/ PERFUSION/ RABBITS/ SODIUM CHLORIDE, pharmacodynamics/ THALAMUS, blood supply

2267. **Fischer GW, Scherz RG:** Safety clips prevent hemorrhage. Pediatrics 51:957, May 73
*CATHETERIZATION, adverse effects/ *HEMORRHAGE, prevention & control/ HEMOSTASIS/ HUMAN

2268. **Fischer H:** Schock und Schockbekämpfung.
Munch Med Wochenschr 114:2091-6, 24 Nov 72 (88 ref.) (Ger)
ANAPHYLAXIS/ AUTOPSY/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ GERMANY, WEST/ HUMAN/ INFUSIONS, PARENTERAL/ ISCHEMIA/ KIDNEY, pathology/ LIVER, pathology/ LUNG, pathology/ REVIEW/ SHOCK, complications/ SHOCK, drug therapy/ SHOCK, occurrence/ SHOCK, pathology/ SHOCK, physiopathology/ *SHOCK, therapy/ SHOCK, CARDIOGENIC/ SHOCK, ENDOTOXIC/ SHOCK, TRAUMATIC/ THROMBOSIS, complications

2269. **Fischer H:** Injektionsbehandlung der Hämangiome im Kindesalter. Z Allgemeinmed 49:57-9, 20 Jan 73 (Ger)
CHILD/ *HEMANGIOMA, drug therapy/ HEMANGIOMA, CAVERNOUS, drug therapy/ HUMAN/ METHODS/ NEVUS, drug therapy/ *SCLEROSING SOLUTIONS, therapeutic use/ SKIN NEOPLASMS, drug therapy/ TELANGIECTASIS, drug therapy

2270. **Fischer M:** Diagnose der Verbrauchskoagulopathie.
Wien Klin Wochenschr 85:319-23, 4 May 73 (Ger)
ADULT/ ANGIOMATOSIS, complications/ BLOOD COAGULATION TESTS/ BONE DISEASES, complications/ CHILD/ CLOT RETRACTION/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ EMBOLISM, AMNIOTIC FLUID, complications/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS/ HEPARIN, therapeutic use/ HUMAN/ LIVER CIRRHOSIS, complications/ MALE/ PANCREATITIS, complications/ PREGNANCY/ PROTHROMBIN TIME/ PURPURA, complications/ SHOCK, HEMORRHAGIC, complications/ THROMBELASTOGRAPHY

2271. **Fischer M:** Verhalten menschlicher Thrombininhibitoren (2 -Makroglobulin und Antithrombin 3) während und nach chirurgischen und gynäkologisch-geburtshilflichen Eingriffen.
Folia Haematol (Leipz) 98:397-407, 1972 (Ger)
ADOLESCENCE/ ADULT/ AGED/ *ANTITHROMBIN, metabolism/ FEMALE/ FIBRINOGEN, metabolism/ FIBRINOLYSIN, metabolism/ HEART DEFECTS, CONGENITAL, surgery/ HEART, MECHANICAL/ HEMORRHAGE, physiopathology/ HUMAN/ *MACROGLOBULINS, metabolism/ MALE/ MIDDLE AGE/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PLASMINOGEN, metabolism/ PREGNANCY/ PREGNANCY COMPLICATIONS, surgery/ SURGERY, OPERATIVE/ *THROMBIN, antagonists & inhibitors/ TRYPSIN INHIBITORS, metabolism

2272. **Fischer M:** Laboratoriumskontrolle der Therapie mit Antikoagulantien.
Med Lab (Stuttg) 26:105-10, May 73 (Ger)
*ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION TESTS/ HUMAN/ METHODS/ PROTHROMBIN TIME/ THROMBELASTOGRAPHY

2273. **Fischer M, Gauss P, Korp W, et al:** Heparin therapy in the case of acute liver cirrhosis.
Scand J Gastroenterol [Suppl] 19:135-8, 1973
ACUTE DISEASE/ ALANINE AMINOTRANSFERASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ BLOOD CELL COUNT/ BLOOD

COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, drug effects/ *DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ FACTOR V, metabolism/ FACTOR VII, metabolism/ FACTOR IX, metabolism/ FACTOR X, metabolism/ FACTOR XIII, metabolism/ FEMALE/ FIBRINOGEN, metabolism/ *HEPARIN, therapeutic use/ HUMAN/ *LIVER CIRRHOSIS, drug therapy/ MALE/ METHODS/ PHYTONADIONE, therapeutic use/ PROTHROMBIN, metabolism/ SERUM GLOBULINS, metabolism/ SOLUBILITY

2274. **Fischer M, Pavlik F, Olbert F:** Verbrauchskoagulopathie bei Klippel-Trenaunay-Syndrom.
Wien Klin Wochenschr 85:207-12, 30 Mar 73 (Ger)
*ANGIOMATOSIS, complications/ ANGIOMATOSIS, pathology/ ANGIOMATOSIS, surgery/ *BONE DISEASES, complications/ BONE DISEASES, pathology/ BONE DISEASES, surgery/ CHILD/ *DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ ENGLISH ABSTRACT/ FIBRINOGEN, therapeutic use/ HEMORRHAGE, etiology/ HEPARIN, therapeutic use/ HUMAN/ MALE/ PLASMA/ POSTOPERATIVE COMPLICATIONS

2275. **Fischer U, Hommel H, Orosz L, et al:** Einfluss von Narkose und Heparin auf die glukoseinduzierte Insulinsekretion bei Hunden.
Endokrinologie 60:17-26, 1972 (Ger)
*ANESTHESIA, INTRATRACHEAL/ ANIMAL EXPERIMENTS/ BLOOD SUGAR, analysis/ DOGS/ ENGLISH ABSTRACT/ FEMALE/ GLUCOSE, administration & dosage/ GLUCOSE, pharmacodynamics/ *HEPARIN, pharmacodynamics/ HEXOBARBITAL, pharmacodynamics/ INJECTIONS, INTRAVENOUS/ INSULIN, blood/ *INSULIN, secretion/ MALE/ PHENOTHIAZINES, administration & dosage/ PREANESTHETIC MEDICATION/ STIMULATION, CHEMICAL/ SUCCINYLCHOLINE, pharmacodynamics/ TIME FACTORS

2276. **Fischerman K, Aagaard P, Funding J:** Gastric perfusion in vivo. Acta Chir Scand 139:63-5, 1973
ANIMAL EXPERIMENTS/ ASSISTED CIRCULATION/ DOGS/ DYES/ HEPARIN, pharmacodynamics/ METHODS/ *PERFUSION/ PROTAMINES, pharmacodynamics/ *STOMACH/ STOMACH, blood supply

2277. **Fisher BS, Higley WS, Cantor PA, et al:** Modified polycarbonate membranes for hemodialysis.
Trans Am Soc Artif Intern Organs 19:429-34, 1973
BIOCOMPATIBLE MATERIALS/ BLOOD COAGULATION, drug effects/ CARBONATES/ COMPARATIVE STUDY/ CREATININE/ ETHERS/ HEMODIALYSIS/ *KIDNEY, ARTIFICIAL, instrumentation/ *MEMBRANES, ARTIFICIAL/ MICE/ MOLECULAR WEIGHT/ PHENOBARBITAL, blood/ PHENOBARBITAL, toxicity/ *POLYMERS/ RABBITS/ SUCROSE/ ULTRAFILTRATION/ UREA/ VITAMIN B 12

2278. **Fisher DB, Kaufman S:** Tetrahydropterin oxidation without hydroxylation catalyzed by rat liver phenylalanine hydroxylase.
J Biol Chem 248:4300-4, 25 Jun 73
ANIMAL EXPERIMENTS/ AZIDES/ CARBON ISOTOPES/ CATALASE/ CATALYSIS/ CHYMOTRYPSIN/ FREE RADICALS/ HYDROXYLATION/ KINETICS/ *LIVER, enzymology/ LYSOLECITHIN/ NADP/ OXIDATION-REDUCTION/ OXYGEN/ OXYGEN CONSUMPTION/ PEROXIDASES/ PHENYLALANINE/ *PHENYLALANINE HYDROXYLASE/ *PTERIDINES/ PYRUVATES/ RATS/ SODIUM/ STEREOISOMERS/ TYROSINE/ UNCOUPLING AGENTS

2279. **Fisher DB, Kaufman S:** The stimulation of rat liver phenylalanine hydroxylase by lysolecithin and -chymotrypsin. J Biol Chem 248:4345-53, 25 Jun 73
ANIMAL EXPERIMENTS/ CENTRIFUGATION, DENSITY GRADIENT/ *CHYMOTRYPSIN/ DOPA/ DRUG SYNERGISM/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ GEL FILTRATION/ HYDROLYSIS/ HYDROXYLATION/ HYDROXYTRYPTOPHAN/ KINETICS/ *LIVER, enzymology/ *LYSOLECITHIN/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ NADP/ OXIDATION-REDUCTION/ *PHENYLALANINE HYDROXYLASE, metabolism/ PROPANEDIOLS/ PROTEIN CONFORMATION/ PTERIDINES/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP

2280. **Fisher DL, Smithberg M:** Early and late effects of in vitro exposure of preimplantation mouse embryos to trypan blue. Teratology 6:159-65, Oct 72
ABNORMALITIES, DRUG-INDUCED/ ANIMAL EXPERIMENTS/ CULTURE MEDIA/ EMBRYO, drug effects/ EMBRYO, transplantation/ FEMALE/ FETUS, drug effects/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ HEMATOMA, chemically induced/ IN VITRO/ INJECTIONS, INTRAPERITONEAL/ MATERNAL-FETAL EXCHANGE/ MICE/ MICE, INBRED STRAINS/ OSMOLAR CONCENTRATION/ OVULATION, drug effects/ OVUM, drug effects/ PREGNANCY/ TRANSPLANTATION, HOMOLOGOUS/ TRYPAN BLUE, administration & dosage/ TRYPAN BLUE, pharmacodynamics/ *TRYPAN BLUE, toxicity

2281. **Fisher WB, Armentrout SA, Weisman R Jr, et al:** "Preleukemia". A myelodysplastic syndrome often terminating in acute leukemia.
Arch Intern Med 132:226-32, Aug 73
ACUTE DISEASE/ AGE FACTORS/ AGED/ AGRANULOCYTOSIS, etiology/ ANEMIA, etiology/ BONE MARROW EXAMINATION/ CELL TRANSFORMATION, NEOPLASTIC/ ECCHYMOSIS, etiology/ ERYTHROPOIESIS/ FEMALE/ HEMATOCRIT/ HUMAN/ IRON, therapeutic use/ *LEUKEMIA/ *LEUKEMIA, MONOBLASTIC/ *LEUKEMIA, MYELOCYTIC/ LEUKOCYTES, metabolism/ MALE/ MIDDLE AGE/ MURAMIDASE, blood/ MYELOPROLIFERATIVE DISORDERS, drug therapy/ *MYELOPROLIFERATIVE DISORDERS, pathology/ SPLENOMEGALY, etiology/ SYNDROME/ THROMBOPENIA, etiology

2282. **Fisherman EW, Cohen GN:** Test for aspirin intolerance (hypersensitivity) and adrenergic stimulators.
Ann Allergy 31:182-94, Apr 73
*ASPIRIN, adverse effects/ BLOOD COAGULATION TESTS/ *DRUG HYPERSENSITIVITY, immunology/ EPINEPHRINE, pharmacodynamics/ HUMAN/ METHODS/ *SYMPATHOMIMETICS, pharmacodynamics

2283. **Fisk GC, Wright JS, Stacey RB, et al:** Experience with a membrane oxygenator for open-heart surgery in infants and children. Med J Aust 2:932-4, 21 Oct 72
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CHILD, PRESCHOOL/ EXTRACORPOREAL CIRCULATION/ HEART ARREST, INDUCED/ *HEART DEFECTS, CONGENITAL, surgery/ *HEART, MECHANICAL/ HUMAN/ HYPOTHERMIA, INDUCED/ INFANT/ INFANT, NEWBORN/ *MEMBRANES, ARTIFICIAL/ OXYGENATORS, MEMBRANE/ PERFUSION/ SWINE

2284. **Fison L:** The treatment of vascular retinal lesions. Trans Am Acad Ophthalmol Otolaryngol 77:op25-6, Jan-Feb 73
ANGIOMATOSIS, surgery/ *ANGIOMATOSIS, therapy/ CRYOGENIC SURGERY/ EYE NEOPLASMS, surgery/ *EYE NEOPLASMS, therapy/ HUMAN/ LIGHT COAGULATION/ *RETINA/ RETINA, surgery/ XENON

2285. **Flawiá MM, Torres HN:** Adenylate cyclase activity in

Neurospora crassa. 3. Modulation by glucagon and insulin. J Biol Chem 248:4517-20, 10 Jul 73
ADENOSINE TRIPHOSPHATE, administration & dosage/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ *ADENYL CYCLASE, metabolism/ BINDING, COMPETITIVE/ CHLORIDES, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *GLUCAGON, pharmacodynamics/ INSULIN, administration & dosage/ INSULIN, antagonists & inhibitors/ *INSULIN, pharmacodynamics/ KINETICS/ MANGANESE, administration & dosage/ MANGANESE, pharmacodynamics/ MEMBRANES, enzymology/ *NEUROSPORA, enzymology/ NEUROSPORA CRASSA, enzymology/ OSMOLAR CONCENTRATION/ PROTEIN BINDING/ STRUCTURE-ACTIVITY RELATIONSHIP/ SWINE/ TIME FACTORS/ TRYPSIN

2286. **Fleer MA, Bowman BU:** Partial characterization of mycobacteriophage R1 particles surviving chloroform treatment. Microbios 7:37-44, 1973
*CHLOROFORM, pharmacodynamics/ DEOXYRIBONUCLEASE, pharmacodynamics/ DNA VIRUSES/ DNA VIRUSES, drug effects/ DNA VIRUSES, growth & development/ DNA VIRUSES, immunology/ IMMUNE SERUMS, pharmacodynamics/ LYSOGENY/ *MYCOBACTERIOPHAGES, drug effects/ MYCOBACTERIOPHAGES, growth & development/ MYCOBACTERIOPHAGES, immunology/ MYCOBACTERIUM/ NEUTRALIZATION TESTS/ RABBITS, immunology/ RIBONUCLEASE, pharmacodynamics/ TRYPSIN, pharmacodynamics

2287. **Fleet GW, Knowles JR, Porter RR:** The antibody binding site. Labelling of a specific antibody against the photo-precursor of an aryl nitrene.
Biochem J 128:499-508, Jul 72
ALANINE/ AMINO ACIDS/ AMINOPEPTIDASES/ ANIMAL EXPERIMENTS/ *ANTIBODIES, metabolism/ ANTIGENIC DETERMINANTS/ ARGININE/ *BINDING SITES/ BLOOD PROTEIN ELECTROPHORESIS/ CATTLE/ CYSTEINE/ GAMMA GLOBULIN/ GLYCINE/ HAPTENS/ IODOACETATES/ LYSINE/ *NITROPHENOLS/ PEPTIDES/ *PHOTOCHEMISTRY/ PHOTOLYSIS/ RABBITS/ SERUM ALBUMIN/ TRITIUM/ TRYPSIN

2288. **Fleischmajer R, Perlish JS, Gaisin A:** Comparative study of dermal glycosaminoglycans.
J Invest Dermatol 61:1-6, Jul 73
ADULT/ ANIMAL EXPERIMENTS/ CATTLE/ CHICKENS/ CHILD/ CHONDROITIN, analysis/ CHROMATOGRAPHY, THIN LAYER/ COMPARATIVE STUDY/ ELECTROPHORESIS/ FISHES/ HEPARIN, analysis/ HEXOSAMINES, analysis/ HUMAN/ HYALURONIC ACID, analysis/ HYDROXYPROLINE, analysis/ INVERTEBRATES/ KERATIN, analysis/ MALE/ *MUCOPOLYSACCHARIDES, analysis/ PROTEINS, analysis/ RATS/ *SKIN, analysis/ SODIUM CHLORIDE/ SOLUBILITY/ SPECIES SPECIFICITY/ SULFATES, analysis/ SWINE/ URONIC ACIDS, analysis

2289. **Fleischman JB:** Amino acid sequences in the Fd of a rabbit antibody heavy chain.
Immunochemistry 10:401-7, Jun 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AUTOANALYSIS/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, THIN LAYER/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ CYSTEINE, analysis/ DANSYL COMPOUNDS/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ *IMMUNOGLOBULINS, FD, analysis/ MICROCHEMISTRY/ PEPTIDES, analysis/ RABBITS, immunology/ TRYPSIN

2290. **Fleming A, Wilson SJ, Larsen WE:** Acquired circulating anticoagulants.
J Kans Med Soc 78:483-5 passim, Nov 72
ADULT/ AGED/ *BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION FACTORS, antagonists & inhibitors/ BLOOD COAGULATION TESTS/ FEMALE/ HUMAN/ MALE

2291. **Fleming HA:** Anticoagulants after mitral valvotomy.
Br Med J 2:116, 14 Apr 73
*ANTICOAGULANTS, therapeutic use/ EMBOLISM, etiology/ EMBOLISM, occurrence/ EMBOLISM, prevention & control/ HUMAN/ *MITRAL VALVE, surgery/ POSTOPERATIVE COMPLICATIONS, prevention & control

2292. **Fleming HA:** Ventricular septal defect and mitral regurgitation secondary to myocardial infarction. A case treated medically with long survival.
Br Heart J 35:344-6, Mar 73
ANTICOAGULANTS, therapeutic use/ BLOOD PRESSURE/ DIETARY FATS/ DIGOXIN, therapeutic use/ DIURETICS, therapeutic use/ HEART CATHETERIZATION/ HEART ENLARGEMENT, complications/ HEART SEPTAL DEFECTS, VENTRICULAR, drug therapy/ *HEART SEPTUM/ HEART VENTRICLE/ HUMAN/ MALE/ MIDDLE AGE/ MITRAL VALVE INSUFFICIENCY, drug therapy/ *MITRAL VALVE INSUFFICIENCY, etiology/ *MYOCARDIAL INFARCT, complications/ MYOCARDIAL INFARCT, drug therapy/ OXYGEN, blood/ RUPTURE/ VENOUS PRESSURE

2293. **Fleming JS, Bierwagen ME, Campbell JA, et al:** The effect of a new anti-inflammatory agent (5-cyclohexylindan-1-carboxylic acid (BL-2365)) on platelet aggregation.
Arch Int Pharmacodyn Ther 199:164-71, Sep 72
ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ ANTI-INFLAMMATORY AGENTS, administration & dosage/ *ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ASPIRIN, pharmacodynamics/ CARBOXYLIC ACIDS, administration & dosage/ CARBOXYLIC ACIDS, pharmacodynamics/ COLLAGEN, pharmacodynamics/ CYCLOHEXANE, administration & dosage/ CYCLOHEXANE, pharmacodynamics/ DOGS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENDOTOXINS, toxicity/ HEMOSTASIS/ INDENES, administration & dosage/ *INDENES, pharmacodynamics/ MICE/ PHENYLBUTAZONE, pharmacodynamics/ *PLATELET ADHESIVENESS, drug effects/ RABBITS/ RATS

2294. **Fleming WH, Bowen JC 3d:** Control of hemorrhage in pelvic crush injuries. J Trauma 13:567-70, Jun 73
ADULT/ ARTERIES, surgery/ BLOOD TRANSFUSION/ FRACTURES, complications/ HEMATOMA, etiology/ HEMATOMA, surgery/ *HEMORRHAGE, prevention & control/ HUMAN/ ILIAC ARTERY, surgery/ ILIAC VEIN, surgery/ LIGATION/ MALE/ MILITARY MEDICINE/ *PELVIC BONES, injuries/ PELVIS, blood supply/ *PELVIS, injuries/ POSTOPERATIVE COMPLICATIONS/ URETHRAL STRICTURE, etiology

2295. **Flemming C, Gabert A, Roth P:** Synthese und Eigenschaften trägerfixierter Enzyme. I. Kovalente Bindung von Trypsin an Dialdehydzellulose.
Acta Biol Med Ger 30:177-82, 1973 (Ger)
ALDEHYDES/ ANILINE COMPOUNDS/ ARGININE/ BENZYL COMPOUNDS/ *CELLULOSE/ CHEMISTRY/ ENGLISH ABSTRACT/ HYDROLYSIS/ OXIDATION-REDUCTION/ PROTEIN BINDING/ PROTEINS/ *TRYPSIN

2296. **Flengsrud R, Elka C, Prydz H:** The effect of an inhibitor of the thrombin-fibrinogen reaction on thrombin-induced blood-platelet aggregation.
Biochem J 130:899-900, Dec 72
CATTLE/ *FIBRINOGEN, antagonists & inhibitors/ HUMAN/ *PLATELET ADHESIVENESS, drug effects/ RATS/ *THROMBIN, antagonists & inhibitors/ THROMBIN, pharmacodynamics/ TIME FACTORS

2297. **Flengsrud R, Osterud B, Prydz H:** Inhibition of the

thrombin-fibrinogen reaction by a macromolecular factor from rat liver. Biochem J 129:83-9, Aug 72
ANIMAL EXPERIMENTS/ BENZOATES/ BLOOD COAGULATION TESTS/ DITHIOTHREITOL/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRINOGEN/ GEL FILTRATION/ HEPARIN/ HYDROXYMERCURIBENZOATES/ KINETICS/ *LIVER, analysis/ MALE/ MOLECULAR WEIGHT/ RATS/ SULFIDES/ *THROMBIN, antagonists & inhibitors/ *TISSUE EXTRACTS, pharmacodynamics/ TRYPSIN, antagonists & inhibitors

2298. **Fletcher AP:** Current status of thrombolytic agents in acute cerebrovascular disease.
J Clin Pathol 25:649-50, Jul 72
ACUTE DISEASE/ ANTICOAGULANTS, therapeutic use/ CEREBRAL EMBOLISM AND THROMBOSIS, radiography/ *CEREBROVASCULAR DISORDERS, drug therapy/ CEREBROVASCULAR DISORDERS, surgery/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ FIBRINOGEN/ FIBRINOLYTIC AGENTS, adverse effects/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ RECURRENCE, prevention & control/ RHEOLOGY/ STREPTOKINASE, therapeutic use

2299. **Fletcher AP:** Drug therapeutic evaluation in acute myocardial infarction. J Clin Pathol 25:646-7, Jul 72
ACUTE DISEASE/ *ANTICOAGULANTS, therapeutic use/ CLINICAL RESEARCH/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ METHODS/ *MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, mortality

2300. **Fletcher AP:** Pharmacology of thrombolysis: urokinase.
J Clin Pathol 25:633, Jul 72
ANTIGENS/ COSTS AND COST ANALYSIS/ *FIBRINOLYTIC AGENTS, therapeutic use/ FIBRINOLYTIC AGENTS, toxicity/ HUMAN/ PLASMINOGEN

2301. **Fletcher HS, Joseph WL:** Bleeding into the rectus abdominis muscle. Int Surg 58:97-9, Feb 73
ABDOMINAL NEOPLASMS, complications/ *ABDOMINAL WALL, blood supply/ ADOLESCENCE/ ADULT/ AGED/ ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, therapeutic use/ ANTIHYPERTENSIVE AGENTS, adverse effects/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ ANTIMETABOLITES, adverse effects/ ANTIMETABOLITES, therapeutic use/ ESTROGENS, adverse effects/ ESTROGENS, therapeutic use/ FEMALE/ *HEMATOMA/ HEMATOMA, chemically induced/ HEMATOMA, etiology/ HUMAN/ HYPERTENSION, complications/ MALE/ MIDDLE AGE/ PREGNANCY/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR

2302. **Fleurette J, Brun Y:** Caractères biochimiques et antigéniques de "Staphylococcus epidermidis".
Ann Inst Pasteur (Paris) 123:783-97, Dec 72 (Fre)
AGGLUTINATION TESTS/ *ANTIGENS, BACTERIAL, analysis/ BACTERIAL PROTEINS, metabolism/ COAGULASE, analysis/ DEOXYRIBONUCLEASE, analysis/ ENGLISH ABSTRACT/ FIBRINOLYSIN, analysis/ GLUCURONIDASE, metabolism/ HEMOLYSINS, analysis/ LIPASE, metabolism/ MANNITOL, metabolism/ MURAMIDASE, metabolism/ POLYSACCHARIDES, BACTERIAL, analysis/ *STAPHYLOCOCCUS/ STAPHYLOCOCCUS, classification/ STAPHYLOCOCCUS, immunology/ STAPHYLOCOCCUS, metabolism

2303. **Fliedner LJ Jr, Myers MJ, Schor JM, et al:** Synthesis and structure-activity relationships of fibrinolytic 1,omega-diphenyl-1,omega-alkanediamines.
J Med Chem 16:749-54, Jul 73
ANIMAL EXPERIMENTS/ BENZENE DERIVATIVES, chem synthesis/ BENZENE DERIVATIVES, pharmacodynamics/ BLOOD COAGULATION, drug effects/ *FIBRINOLYTIC AGENTS, chem synthesis/ FIBRINOLYTIC AGENTS, pharmacodynamics/ OPTICAL ROTATION/ *POLYAMINES, chem synthesis/ POLYAMINES, pharmacodynamics/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP

2304. **Fliege K:** Prävention, Therapie und Rehabilitation bei zerebralen Durchblutungsstörungen.
Z Allgemeinmed 48:857-60, 30 Jun 72 (Ger)
ANTICOAGULANTS, pharmacodynamics/ ANTICOAGULANTS, therapeutic use/ CEREBROVASCULAR CIRCULATION, drug effects/ *CEREBROVASCULAR DISORDERS/ CEREBROVASCULAR DISORDERS, drug therapy/ CEREBROVASCULAR DISORDERS, prevention & control/ CEREBROVASCULAR DISORDERS, rehabilitation/ HUMAN/ HYDROTHERAPY/ MASSAGE/ MIDDLE AGE/ THEOPHYLLINE, pharmacodynamics/ THEOPHYLLINE, therapeutic use

2305. **Flora G, Hilbe G, Margreiter D:** Intraoperative Karotisverletzungen und ihre chirurgische Korrektur.
Dtsch Med Wochenschr 98:716-9, 11 May 73 (Ger)
ADOLESCENCE/ ADULT/ AGED/ *CAROTID ARTERIES, injuries/ CAROTID ARTERIES, surgery/ ENGLISH ABSTRACT/ FEMALE/ GLOMANGIOMA, surgery/ HEPARIN, therapeutic use/ HUMAN/ HYPERCAPNIA/ IATROGENIC DISEASE/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, surgery/ *VASCULAR SURGERY, adverse effects

2306. **Florence AT, Rahman R:** The interaction of some oral contraceptive steroids with lipid monolayers and with Erythrocytes. J Pharm Pharmacol 24:942-9, Dec 72
BLOOD PLATELETS, drug effects/ CELL MEMBRANE PERMEABILITY, drug effects/ CHOLESTEROL/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ DRUG INTERACTIONS/ *ERYTHROCYTES, drug effects/ ESTROGENS, pharmacodynamics/ HEMOLYSIS, drug effects/ LECITHINS/ *LIPIDS/ *MEMBRANES, ARTIFICIAL/ PROGESTATIONAL HORMONES, pharmacodynamics/ SOLUBILITY/ SURFACE TENSION

2307. **Florence AT, Rahman R:** The effect of some oral contraceptive steroids on platelet electrophoretic mobility in vitro. J Pharm Pharmacol 24:983-5, Dec 72
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, drug effects/ CATTLE/ CELL AGGREGATION, drug effects/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ELECTROPHORESIS/ ESTROGENS, pharmacodynamics/ IN VITRO/ PROGESTATIONAL HORMONES, pharmacodynamics

2308. **Florent G, De Vries GM, Hamers R:** Homologous peptides from the Fc region of rabbit IgG.
Immunochemistry 10:425-30, Jul 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AMMONIUM COMPOUNDS/ ANIMAL EXPERIMENTS/ BICARBONATES/ CARBOXYPEPTIDASES/ CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ ELECTROPHORESIS/ *IGG, analysis/ *IMMUNOGLOBULINS, FC, analysis/ *PEPTIDES, isolation & purification/ RABBITS/ TRYPSIN

2309. **Flores L, Dunn I, Frumkin E, et al:** Dacron arterio-venous shunts for vascular access in hemodialysis.
Trans Am Soc Artif Intern Organs 19:33-7, 1973
ANGIOGRAPHY/ ANIMAL EXPERIMENTS/ ARM, blood supply/ ARTERIES, surgery/ ARTERIOVENOUS SHUNT, SURGICAL, adverse effects/ *ARTERIOVENOUS SHUNT, SURGICAL, instrumentation/ BLOOD VESSEL PROSTHESIS/ BLOOD VESSEL PROSTHESIS, adverse effects/ CONNECTIVE TISSUE, growth & development/ DOGS/ FEMORAL ARTERY, surgery/ FEMORAL VEIN, surgery/ HEMATOMA, etiology/ *HEMODIALYSIS/

HUMAN/ MALE/ MIDDLE AGE/ *POLYETHYLENE TEREPHTHALATE/ PUNCTURES/ THROMBOSIS, etiology/ VEINS, surgery

2310. **Flute PT**: Streptokinase therapy for deep vein thrombosis. J Clin Pathol 25:640-1, Jul 72
FIBRINOLYSIS/ HEMORRHAGE, chemically induced/ HUMAN/ PULMONARY EMBOLISM, prevention & control/ STREPTOKINASE, adverse effects/ *STREPTOKINASE, therapeutic use/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, radiography

2311. **Flute PT**: Conservative management of thrombo-embolism. Br J Surg 59:834-6, Oct 72
ANTIBODIES/ ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION TESTS/ BLOOD VISCOSITY/ FIBRINOGEN, antagonists & inhibitors/ HEPARIN, therapeutic use/ HUMAN/ LEG, blood supply/ PROTHROMBIN TIME/ STREPTOKINASE, administration & dosage/ STREPTOKINASE, therapeutic use/ THROMBIN, antagonists & inhibitors/ *THROMBOPHLEBITIS, drug therapy/ TIME FACTORS/ VENOMS, therapeutic use

2312. **Foa C, Foa R, Muratore R, et al**: Aspects morphologiques particuliers de cellules réticulaires spléniques au cours d'anémies hémolytiques.
C R Soc Biol (Paris) 166:127-31, 1972 (Fre)
*ANEMIA, HEMOLYTIC, pathology/ ERYTHROCYTES/ GOLGI APPARATUS/ HODGKIN'S DISEASE, pathology/ HUMAN/ LYMPHOSARCOMA, pathology/ MICROSCOPY, ELECTRON/ MYELOPROLIFERATIVE DISORDERS, pathology/ PHAGOCYTOSIS/ PURPURA, THROMBOPENIC, pathology/ RETICULOCYTES/ SARCOMA, RETICULUM CELL, pathology/ *SPLEEN, pathology/ *SPLENIC DISEASES, pathology/ *SPLENIC NEOPLASMS, pathology

2313. **Foderman VM, Kulish NI**: O primenenii apparata ALSh-20 v novoi modifikatsii dlia ostanovki krovotecheniia v operatsionnoi nishe pri tonzillektomii.
Zh Ushn Nos Gorl Bolezn 32:85-6, Mar-Apr 72 (Rus)
ANIMAL EXPERIMENTS/ DOGS/ *HEMORRHAGE, prevention & control/ HEMOSTASIS, instrumentation/ HUMAN/ *SURGICAL STAPLERS/ *TONSILLECTOMY

2314. **Fogarasi D, Huber A**: Möglichkeiten und Grenzen eines chirurgischen Ambulatoriumsbetriebes.
Wien Med Wochenschr 123:Suppl 4:3-11, 1973 (Ger)
ABSCESS, surgery/ *AMBULATORY CARE/ AMPUTATION/ BREAST NEOPLASMS, surgery/ CARBUNCLE, surgery/ DUPUYTREN'S CONTRACTURE, surgery/ FEMALE/ FIBROMA, surgery/ FOREIGN BODIES, surgery/ FRACTURE FIXATION/ GASTROSCOPY/ HALLUX VALGUS, surgery/ HEMANGIOMA, surgery/ HEMORRHOIDS, surgery/ HUMAN/ LIPOMA, surgery/ MALE/ PHIMOSIS, surgery/ *SURGERY, OPERATIVE/ VARICOSE VEINS, surgery

2315. **Folk JE**: Structure and catalytic properties of hepatic transglutaminase. Ann NY Acad Sci 202:59-76, 8 Dec 72
ACETAMIDES/ ACYLATION/ ANIMAL EXPERIMENTS/ BINDING SITES/ *BLOOD COAGULATION/ CALCIUM/ CARBON ISOTOPES/ ENZYME ACTIVATION/ GLUTAMINE/ GLYCINE/ GUINEA PIGS/ IODOACETATES/ KINETICS/ *LIVER, enzymology/ MODELS, CHEMICAL/ MOLECULAR WEIGHT/ MULTIENZYME COMPLEXES/ PEPTIDE HYDROLASES/ PEPTIDES/ PYRROLIDINONES/ STRUCTURE-ACTIVITY RELATIONSHIP/ SULFHYDRYL COMPOUNDS/ *TRANSFERASES/ TRANSFERASES, antagonists & inhibitors/ TRANSFERASES, isolation & purification

2316. **Follana R, Salvadori JM, Olmer M**: Les troubles de la fonction coagulolytique chez les insuffisants rénaux chroniques.
J Urol Nephrol (Paris) 78:1004-7, Dec 72 (Fre)
ADULT/ BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ FEMALE/ FIBRINOLYSIN, analysis/ FIBRINOLYSIS/ HUMAN/ *KIDNEY FAILURE, CHRONIC, complications/ MALE/ MIDDLE AGE/ PLATELET ADHESIVENESS

2317. **Follana R, Sampol J, Muratore R**: Etude chez le chien de l'effet défibrinant de la FTH 50 (fraction thrombinomimétique de la reptilase.
C R Soc Biol (Paris) 166:1341-5, 1972 (Fre)
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ DOGS/ *FIBRIN, metabolism/ FIBRINOGEN, metabolism/ FIBRINOLYSIN, metabolism/ KINETICS/ MALE/ PLASMINOGEN, metabolism/ *SNAKES/ *VENOMS, pharmacodynamics

2318. **Fong R, Kissmeyer-Nielsen F**: A combined dye exclusion (trypan blue) and fluorochromatic technique for the microdroplet lymphocytotoxicity test. Tissue Antigens 2:57-63, 1972
BLOOD PRESERVATION/ CRYOPROTECTIVE AGENTS/ *CYTOTOXICITY TESTS, IMMUNOLOGIC/ FLUORESCEINS/ FLUORESCENT ANTIBODY TECHNIC/ FREEZING/ HUMAN/ IMMUNE SERUMS/ *LYMPHOCYTES, immunology/ METHODS/ STAINS AND STAINING

2319. **Font RL, Ferry AP**: The phakomatoses.
Int Ophthalmol Clin 12:1-50, Spring 72 (52 ref.)
ANGIOMATOSIS, complications/ ANTERIOR CHAMBER/ ARTERIOVENOUS FISTULA, complications/ ATAXIA TELANGIECTASIA, complications/ BRAIN NEOPLASMS, complications/ CEREBRAL ANEURYSM, complications/ CHOROID NEOPLASMS, complications/ CORNEA/ EYE DISEASES, complications/ *EYE NEOPLASMS/ FACIAL NEOPLASMS, complications/ GLAUCOMA, complications/ *HAMARTOMA/ HAMARTOMA, complications/ HEMANGIOMA, complications/ HUMAN/ IRIS/ NEUROFIBROMATOSIS, complications/ NEUROMA, complications/ NEVUS, complications/ PHEOCHROMOCYTOMA, complications/ RETINA/ RETINAL VESSELS/ REVIEW/ SYNDROME/ THYROID NEOPLASMS, complications/ TUBEROUS SCLEROSIS, complications

2320. **Fontán G, Gracia R, Ojeda JA, et al**: Amegacariocitosis y alinfoplasia tímica.
Rev Clin Esp 129:89-92, 1 Apr 73 (Spa)
CASE REPORT/ HUMAN/ *IMMUNOLOGIC DEFICIENCY SYNDROMES, complications/ INFANT/ *LYMPHOCYTES/ MALE/ *MEGAKARYOCYTES/ *THROMBOPENIA, congenital

2321. **Fontana G, Caletti G**: Metodologia diagnostica e terapeutica delle emorragie del canale alimentare.
Recent Prog Med (Roma) 54:343-82, Apr 73 (Ita)
ANGIOGRAPHY/ ANTIFIBRINOLYTIC AGENTS, therapeutic use/ BLOOD TRANSFUSION/ CONTRAST MEDIA/ ENGLISH ABSTRACT/ ESOPHAGEAL DISEASES, diagnosis/ ESOPHAGOSCOPY/ GASTROINTESTINAL DISEASES, diagnosis/ GASTROSCOPY/ *HEMORRHAGE, GASTROINTESTINAL/ HEMORRHAGE, GASTROINTESTINAL, diagnosis/ HEMORRHAGE, GASTROINTESTINAL, drug therapy/ HEMORRHAGE, GASTROINTESTINAL, radiography/ HEMORRHAGE, GASTROINTESTINAL, therapy/ HUMAN/ HYPERBARIC OXYGENATION/ OXYGEN INHALATION THERAPY/ PEPTIC ULCER HEMORRHAGE, therapy/ RADIOISOTOPES, diagnostic use/ SHOCK, HEMORRHAGIC, therapy

2322. **Forbes CD, Barr RD, Prentice CR, et al**: Gastrointestinal bleeding in haemophilia.
Q J Med 42:503-11, Jul 73
ADULT/ AGED/ CHRISTMAS DISEASE,

complications/ CHRISTMAS DISEASE, therapy/ FACTOR VIII/ *HEMATEMESIS, complications/ *HEMOPHILIA, complications/ HEMOPHILIA, mortality/ HEMOPHILIA, surgery/ HEMOPHILIA, therapy/ HEMORRHAGE, GASTROINTESTINAL, mortality/ HEMORRHAGE, GASTROINTESTINAL, surgery/ HEMORRHAGE, GASTROINTESTINAL, therapy/ HUMAN/ INFUSIONS, PARENTERAL/ *MELENA, complications/ MIDDLE AGE/ *PEPTIC ULCER HEMORRHAGE, complications/ PLASMA/ PROGNOSIS

2323. **Forbes CD, King J, Prentice CR, et al:** Serum enzyme changes after intramuscular bleeding in patients with haemophilia and Christmas disease.
J Clin Pathol 25:1034-7, Dec 72
ADOLESCENCE/ ADULT/ ALANINE AMINOTRANSFERASE, blood/ ALDOLASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ *CHRISTMAS DISEASE, enzymology/ *CREATINE KINASE, blood/ *HEMATOMA, diagnosis/ HEMATOMA, enzymology/ *HEMOPHILIA, enzymology/ HUMAN/ LACTATE DEHYDROGENASE, blood/ MIDDLE AGE/ *MUSCULAR DISEASES, diagnosis/ MUSCULAR DISEASES, enzymology

2324. **Forbes CD, Prentice CR:** Aggregation of human platelets by purified porcine and bovine antihaemophilic factor.
Nature [New Biol] 241:149-50, 31 Jan 73
ANIMAL EXPERIMENTS/ CATTLE/ FACTOR VIII, isolation & purification/ *FACTOR VIII, pharmacodynamics/ GEL FILTRATION/ HUMAN/ IMMUNE SERUMS/ *PLATELET ADHESIVENESS, drug effects/ RABBITS, immunology/ SWINE

2325. **Ford JR, Chambers RP, Cohen W:** An active-site titration method for immobilized trypsin.
Biochim Biophys Acta 309:175-80, 5 May 73
BENZOATES/ BINDING SITES/ CATTLE/ GLASS/ GUANIDINES/ KINETICS/ MACROMOLECULAR SYSTEMS/ MATHEMATICS/ METHODS/ NITROBENZENES/ PANCREAS, enzymology/ PROTEIN BINDING/ SOLUBILITY/ SPECTROPHOTOMETRY/ *TRYPSIN, analysis

2326. **Forer A, Behnke O:** An actin-like component in spermatocytes of a crane fly (Nephrotoma suturalis Loew). II. The cell cortex.
Chromosoma 39:175-90, 1972
*ACTIN, analysis/ ADENOSINE TRIPHOSPHATE/ ANIMAL EXPERIMENTS/ CHROMOSOMES/ *DIPTERA, cytology/ FIBRIN/ GLYCERIN/ MALE/ MEIOSIS/ MEROMYOSINS/ MICROSCOPY/ MICROSCOPY, ELECTRON/ MICROTUBULES/ MITOSIS/ PYROPHOSPHATES/ SEX CHROMOSOMES/ *SPERMATOZOA, analysis/ SPERMATOZOA, cytology

2327. **Forfar JO, Nelson MM:** Epidemiology of drugs taken by pregnant women: drugs that may affect the fetus adversely. Clin Pharmacol Ther 14:632-42, Jul-Aug 73
*ABNORMALITIES, DRUG-INDUCED/ ABORTION, INDUCED/ AMINOPTERIN, adverse effects/ ANDROGENS, adverse effects/ ANEMIA, MACROCYTIC, chemically induced/ ASPIRIN, adverse effects/ BARBITURATES, adverse effects/ CHLORPROPAMIDE, adverse effects/ DEXTRO AMPHETAMINE, adverse effects/ DIPHENYLHYDANTOIN, adverse effects/ DIURETICS, adverse effects/ *DRUGS, administration & dosage/ DRUGS, NON-PRESCRIPTION/ ESTROGENS, adverse effects/ FEMALE/ *FETUS, drug effects/ GLUCOSEPHOSPHATE DEHY- DROGENASE DEFICIENCY, complications/ HUMAN/ METHOTREXATE, adverse effects/ NITROFURANTOIN, adverse effects/ PREGNANCY/ SELF MEDICATION/ SMOKING/ TIME FACTORS/ VITAMIN K, adverse effects

2328. **Forman HJ, Fridovich I:** On the stability of bovine superoxide dismutase. The effects of metals.
J Biol Chem 248:2645-9, 25 Apr 73
ANIMAL EXPERIMENTS/ APOPROTEINS/ CATIONS, DIVALENT/ CATTLE/ CHYMOTRYPSIN/ DRUG STABILITY/ ERYTHROCYTES, enzymology/ GUANIDINES, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ *METALS/ OXIDOREDUCTASES, antagonists & inhibitors/ *OXIDOREDUCTASES, blood/ PROTEIN DENATURATION/ SODIUM DODECYL SULFATE/ SOLVENTS/ SUPEROXIDE DISMUTASE, blood/ TEMPERATURE/ TIME FACTORS/ TRYPSIN/ UREA

2329. **Fornatto L, Portaleone P, Schiffer D:** Sulla comparsa familiare dell'angioblastoma cerebellare solitario e sui suoi rapporti con il complesso von Hippel-Lindau.
Acta Neurol (Napoli) 27:286-90, May-Jun 72 (Ita)
ADULT/ *ANGIOMATOSIS, diagnosis/ ANGIOSARCOMA, diagnosis/ *ANGIOSARCOMA, familial & genetic/ CEREBELLAR NEOPLASMS, diagnosis/ *CEREBELLAR NEOPLASMS, familial & genetic/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ SYNDROME

2330. **Fornol FG, Köhler JA:** Häufigkeit des Herzinfarktes bei bestehenden Lebererkrankungen.
Munch Med Wochenschr 115:72-5, 19 Jan 73 (Ger)
ADULT/ AGE FACTORS/ AGED/ BLOOD COAGULATION/ BLOOD COAGULATION DISORDERS, etiology/ ENGLISH ABSTRACT/ FEMALE/ GERMANY, WEST/ HUMAN/ *LIVER DISEASES, complications/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, occurrence/ SEX FACTORS

2331. **Forrester J, Williamson J:** Resolution of intravitreal clots by urokinase. Lancet 2:179-81, Jul 73
ADULT/ AGED/ ANTERIOR CHAMBER/ BLOOD COAGULATION DISORDERS/ FEMALE/ FIBRINOLYTIC AGENTS, administration & dosage/ FIBRINOLYTIC AGENTS, adverse effects/ *FIBRINOLYTIC AGENTS, therapeutic use/ FOLLOW-UP STUDIES/ *HEMORRHAGE, drug therapy/ HUMAN/ INJECTIONS/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ RETINAL HEMORRHAGE, drug therapy/ UVEITIS, chemically induced/ VISUAL ACUITY/ *VITREOUS BODY

2332. **Forsgren A:** Pathogenicity of Staphylococcus aureus mutants in general and local infections.
Acta Pathol Microbiol Scand [B] 80:564-70, 1972
ANIMAL EXPERIMENTS/ BACTERIAL PROTEINS, analysis/ BACTERIOLOGICAL TECHNICS/ BACTERIOPHAGE TYPING/ COAGULASE, analysis/ CULTURE MEDIA/ FEMALE/ FIBRINOLYSIN, analysis/ GUINEA PIGS/ HEMOLYSINS, analysis/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ LETHAL DOSE 50/ MALE/ MANNITOL, analysis/ METHODS/ MICE/ MUTATION/ NUCLEIC ACIDS/ STAPHYLOCOCCAL INFECTIONS/ STAPHYLOCOCCUS, analysis/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, growth & development/ *STAPHYLOCOCCUS, pathogenicity/ TIME FACTORS

2333. **Förster C, Kazner E:** Spinales angiom mit querschnittslähmung bei klippel-trénaunay-syndrom.
Neuropaediatrie 4:180-6, Apr 73 (Ger)
*ANGIOMATOSIS, complications/ ANGIOMATOSIS, pathology/ ANGIOMATOSIS, surgery/ *ARTERIOVENOUS MALFORMATIONS, complications/ BONE DISEASES, complications/ BONE DISEASES, pathology/ CHILD/ FEMALE/ HUMAN/ HYPERTROPHY/ LEG/ MYELOGRAPHY/ *PARAPLEGIA, etiology/ PARAPLEGIA, surgery/ *SPINAL CORD, blood supply/ *SPINAL NEOPLASMS, complications/ SPINAL NEOPLASMS, radiography

2334. **Förster KH, Müller KH:** Probleme der Behandlung

akuter Innenohrdurchblutungsstörungen mit niedermolekularen Dextranen.
HNO 20:208-11, Jul 72 (Ger)
ACUTE DISEASE/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD PLATELETS/ *DEAFNESS, etiology/ DEXTRAN, adverse effects/ *DEXTRAN, therapeutic use/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FEMALE/ HEARING DISORDERS, drug therapy/ HUMAN/ ISCHEMIA, complications/ *ISCHEMIA, drug therapy/ LABYRINTH, blood supply/ LABYRINTH DISEASES, complications/ *LABYRINTH DISEASES, drug therapy/ MALE/ NICOTINIC ACID, therapeutic use/ PROTHROMBIN TIME/ THEOPHYLLINE, therapeutic use/ THROMBELASTOGRAPHY/ THROMBOPLASTIN, analysis/ TIME FACTORS

2335. **Förster W:** Prostaglandine und Herz-Kreislaufkrankheiten.
Dtsch Gesundheitsw 27:2264-71, 30 Nov 72 (80 ref.) (Ger)
ADOLESCENCE/ ANIMAL EXPERIMENTS/ ANIMALS, LABORATORY/ ARTERIOSCLEROSIS, metabolism/ BLOOD COAGULATION DISORDERS, metabolism/ CARDIOVASCULAR DISEASES, enzymology/ *CARDIOVASCULAR DISEASES, metabolism/ CATECHOLAMINES, metabolism/ CHEMISTRY/ CHILD/ CHOLESTEROL, metabolism/ CORONARY DISEASE, metabolism/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ FATTY ACIDS, ESSENTIAL, metabolism/ FATTY ACIDS, UNSATURATED, metabolism/ HUMAN/ HYPERTENSION, physiopathology/ KIDNEY, physiopathology/ LIPASE, metabolism/ MIDDLE AGE/ MODELS, BIOLOGICAL/ OXYGEN CONSUMPTION/ PROSTAGLANDINS, biosynthesis/ *PROSTAGLANDINS, metabolism/ REVIEW/ TRIGLYCERIDES, metabolism

2336. **Forsum U, Forsgren A, Hjelm E:** Role of protein A in the serum-soft agar technique.
Infect Immun 6:583-6, Oct 72
AGAR/ AGGLUTINATION/ *BACTERIAL PROTEINS/ BACTERIAL PROTEINS, analysis/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CULTURE MEDIA/ FIBRINOGEN/ HEAT/ HUMAN/ IGG/ IGM/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ RABBITS/ RABBITS, immunology/ STAINS AND STAINING/ STAPHYLOCOCCUS, growth & development/ *STAPHYLOCOCCUS, growth & development

2337. **Forte LR, Chao WT, Walkenbach RJ, et al:** Kidney membrane cyclic AMP receptor and cyclic AMP-dependent protein kinase activities: comparison of plasma membrane and cytoplasmic fractions.
Biochem Biophys Res Commun 49:1510-7, 18 Dec 72
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ BINDING, COMPETITIVE/ BINDING SITES/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, enzymology/ CELL MEMBRANE, metabolism/ CYTOSOL, drug effects/ CYTOSOL, enzymology/ *CYTOSOL, metabolism/ DEOXYCHOLIC ACID, pharmacodynamics/ *KIDNEY, metabolism/ KIDNEY CORTEX, cytology/ KIDNEY CORTEX, enzymology/ KIDNEY CORTEX, metabolism/ PHOSPHORUS ISOTOPES/ *PHOSPHOTRANSFERASES, metabolism/ PROTAMINES, metabolism/ PROTEINS/ RECEPTORS, DRUG/ SURFACE-ACTIVE AGENTS, pharmacodynamics/ SWINE/ TRITIUM

2338. **Forthomme D, Cantin M, Bajusz E:** Retinal vascular bed in heart failure. Study in cardiomyopathic hamsters.
Arch Ophthalmol 89:128-37, Feb 73
ANIMAL EXPERIMENTS/ CAPILLARIES, pathology/ CENTRAL VENOUS PRESSURE/ FEMALE/ HAMSTERS/ *HEART FAILURE, CONGESTIVE, pathology/ MALE/ *RETINAL VESSELS, pathology/ TRYPSIN/ VENOUS PRESSURE

2339. **Fortune WA, Cox JR:** Fetal factor VIII and IX levels in early pregnancy and their significance in prenatal diagnosis.
Acta Haematol (Basel) 49:314-7, 1973
AMNIOCENTESIS/ BLOOD COAGULATION TESTS/ *CHRISTMAS DISEASE, diagnosis/ *FACTOR VIII, analysis/ *FACTOR IX, analysis/ FEMALE/ *FETAL DISEASES, diagnosis/ GESTATIONAL AGE/ *HEMOPHILIA, diagnosis/ HUMAN/ MALE/ PREGNANCY/ *PRENATAL DIAGNOSIS

2340. **Fossard DP, Corrigan T, Spindler JJ, et al:** Low doses of heparin in the prevention of postoperative D.V.T.--a double-blind trial.
Br J Surg 59:914, Nov 72
ADULT/ CLINICAL RESEARCH/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ PLACEBOS/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, prevention & control

2341. **Fossum K, Underdal B:** Irradiation of chicken egg white. I. Effect on proteinase inhibitors.
Acta Vet Scand 14:118-28, 1973
CHICKENS/ COBALT ISOTOPES/ DOSE-RESPONSE RELATIONSHIP, RADIATION/ *EGG WHITE/ FOOD PRESERVATION/ METHODS/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *RADIATION EFFECTS/ *TRYPSIN INHIBITORS, radiation effects

2342. **Foster ED, Smith MR, Dobell AR:** Thrombosis on prosthetic surfaces: a review of etiologic factors and preventive measures.
Can J Surg 15:339-49, Nov 72
ANIMAL EXPERIMENTS/ ANTICOAGULANTS/ BIOCOMPATIBLE MATERIALS/ BLOOD PLATELETS, drug effects/ *BLOOD VESSEL PROSTHESIS/ *HEART VALVE PROSTHESIS/ HEPARIN/ HUMAN/ METHYLMETHACRYLATE/ PLATELET ADHESIVENESS/ *THROMBOSIS/ THROMBOSIS, etiology/ THROMBOSIS, prevention & control

2343. **Foster JA, Bruenger E, Gray WR, et al:** Isolation and amino acid sequences of tropoelastin peptides.
J Biol Chem 248:2876-9, 25 Apr 73
*AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ AORTA/ CHROMATOGRAPHY, GAS/ COPPER/ DEFICIENCY DISEASES, metabolism/ *ELASTIN, analysis/ *PEPTIDES, isolation & purification/ SOLUBILITY/ SWINE/ TRYPSIN

2344. **Fottrell PF, Keane R, Harley J:** Comparison of peptide hydrolases from brush border and cytosol fractions of rat and guinea-pig intestinal mucosa.
Comp Biochem Physiol [B] 43:129-35, 15 Sep 72
ANIMAL EXPERIMENTS/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, enzymology/ CHLOROMERCURIBENZOATES/ CYTOPLASM, drug effects/ CYTOPLASM, enzymology/ DIPEPTIDES/ EDTA, pharmacodynamics/ ELECTROPHORESIS, STARCH GEL/ GUINEA PIGS/ HEAT/ HYDROGEN-ION CONCENTRATION/ INTESTINAL MUCOSA, cytology/ INTESTINAL MUCOSA, drug effects/ *INTESTINAL MUCOSA, enzymology/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PHENANTHROLINES, pharmacodynamics/ RATS/ SPECIES SPECIFICITY/ STRUCTURE-ACTIVITY RELATIONSHIP

2345. **Foucault JP:** Coeur pulmonaire aigu des embolies pulmonaires.
Phlebologie 26:23-7, Jan-Mar 73 (Fre)
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ ANTICOAGULANTS, therapeutic use/ ANTIHISTAMINICS, therapeutic use/ BLOOD PRESSURE/ DOGS/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ HEART, physiopathology/ HUMAN/ PROGNOSIS/ PULMONARY EDEMA, etiology/ *PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, physiopathology/ PULMONARY EMBOLISM,

prevention & control/ *PULMONARY HEART DISEASE, etiology/ PULMONARY HEART DISEASE, physiopathology

2346. **Fouron JC, Hébert F:** The circulatory effects of hematocrit variations in normovolemic newborn lambs. J Pediatr 82:995-1003, Jun 73
ANIMAL EXPERIMENTS/ *ANIMALS, NEWBORN, physiology/ BLOOD PRESSURE/ BLOOD TRANSFUSION/ BLOOD VISCOSITY/ *BLOOD VOLUME/ CATHETERIZATION/ *HEMATOCRIT/ HEMOGLOBIN, analysis/ METHODS/ OXYGEN, blood/ OXYGEN CONSUMPTION/ OXYHEMOGLOBIN, analysis/ POLYCYTHEMIA, blood/ POLYCYTHEMIA, physiopathology/ PULMONARY CIRCULATION/ SHEEP, physiology/ SPECTROPHOTOMETRY/ VASCULAR RESISTANCE

2347. **Fox JL:** Control of common carotid and innominate artery hemorrhage complicating tracheostomy. J Neurosurg 38:394, Mar 73
*CAROTID ARTERIES/ *HEMORRHAGE, etiology/ HEMORRHAGE, surgery/ *HEMOSTASIS/ HUMAN/ *INNOMINATE ARTERY/ *TRACHEOTOMY, adverse effects

2348. **Fox JL, Smith SS, Brown JR:** Amino acid sequences of Clostridium pasteurianum flavodoxin. Z Naturforsch [B] 27:1096-100, Sep 72
AMINO ACID SEQUENCE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ *CLOSTRIDIUM, enzymology/ ELECTROPHORESIS, PAPER/ *FLAVOPROTEINS, analysis/ FMN, analysis/ METHODS/ PEPTIDES, analysis/ TRYPSIN

2349. **Fräki JE, Hopsu-Havu VK:** Human skin proteases. Arch Dermatol Forsch 243:153-63, 1972
ACETIC ACIDS/ ALCOHOL, ETHYL/ BLISTER, enzymology/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHYMOTRYPSIN, antagonists & inhibitors/ ESTERS/ FIBRINOLYSIN, antagonists & inhibitors/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MACROGLOBULINS, isolation & purification/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *SKIN, analysis/ SKIN, enzymology/ THROMBIN, antagonists & inhibitors/ TRYPSIN, antagonists & inhibitors/ *TRYPSIN INHIBITORS, isolation & purification/ TYROSINE, antagonists & inhibitors

2350. **Francke U, Hammond DS, Schneider JA:** The band patterns of twelve D 98-AH-2 marker chromosomes and their use for identification of intraspecific cell hybrids. Chromosoma 41:111-21, 1973
CELL FUSION/ CELL LINE/ CHILD/ *CHROMOSOMES/ CLONE CELLS/ CYSTINOSIS, pathology/ FEMALE/ FIBROBLASTS/ FLUORESCENCE/ HUMAN/ *HYBRID CELLS/ HYPOXANTHINES/ KARYOTYPING/ MICROSCOPY, FLUORESCENCE/ QUINACRINE/ SKIN, cytology/ STAINS AND STAINING/ TRYPSIN

2351. **Franckhauser J, Baubeau D, Tongio J, et al:** Traitement thrombolytique. Expériences dans le cadre d'un service d'hémodialyse. Anesth Analg (Paris) 30:117-28, Jan-Feb 73 (Fre)
ADULT/ ARTERIOVENOUS SHUNT, SURGICAL/ FEMALE/ FIBRINOLYSIS, drug effects/ *HEMODIALYSIS/ HUMAN/ KIDNEY FAILURE, ACUTE, therapy/ MALE/ PREGNANCY/ *STREPTOKINASE, therapeutic use/ THROMBOSIS, drug therapy/ THROMBOSIS, prevention & control

2352. **Francou C, Caen J:** A technic for the separation of rat platelet populations on a discontinuous sucrose gradient (application for platelet preservation). Rev Eur Etud Clin Biol 17:426-7, Apr 72
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS/ *BLOOD PRESERVATION/ *CENTRIFUGATION, DENSITY GRADIENT/ METHODS/ PLATELET ADHESIVENESS/ RATS/ SUCROSE/ TIME FACTORS

2353. **Frandoli G, Spreafico PL:** Lipoprotein-lipase modifications in subjects treated with a synthetic, heparin-like polyanion (SP 54). Farmaco [Prat] 27:514-8, Sep 72
ADMINISTRATION, ORAL/ ARTERIOSCLEROSIS, prevention & control/ BLOOD COAGULATION DISORDERS, drug therapy/ HEPARIN, pharmacodynamics/ *HEPARIN, therapeutic use/ HUMAN/ HYPERLIPEMIA, drug therapy/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, INTRAVENOUS/ LIPIDS, metabolism/ *LIPOPROTEIN LIPASE, metabolism/ LIPOPROTEINS, metabolism/ THROMBOEMBOLISM, prevention & control/ TIME FACTORS

2354. **Frangione B:** A technique for the detection of deleted immunoglobulin heavy chains. Biochemistry 12:3355-9, 14 Aug 73
ALKYLATION/ AMIDES/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AUTORADIOGRAPHY/ CARBON ISOTOPES/ *CYSTEINE, analysis/ DISULFIDES/ ELECTROPHORESIS, PAPER/ GENETIC CODE/ HEAVY CHAIN DISEASE, immunology/ HUMAN/ *IGG, analysis/ *IMMUNOGLOBULIN FRAGMENTS, analysis/ IMMUNOGLOBULINS, analysis/ IODOACETATES/ METHODS/ MYELOMA PROTEINS, analysis/ OXIDATION-REDUCTION/ PEPSIN/ *PEPTIDES, analysis/ TRYPSIN

2355. **Frangione B, Franklin EC:** Heavy chain diseases: clinical features and molecular significance of the disordered immunoglobulin structure. Semin Hematol 10:53-64, Jan 73 (51 ref.)
ANEMIA, etiology/ BONE MARROW EXAMINATION/ HEAVY CHAIN DISEASE, classification/ HEAVY CHAIN DISEASE, diagnosis/ *HEAVY CHAIN DISEASE, immunology/ HUMAN/ IMMUNOCHEMISTRY/ IMMUNOELECTROPHORESIS/ *IMMUNOGLOBULIN FRAGMENTS/ *IMMUNOGLOBULINS/ LEUKOPENIA, etiology/ MUTATION/ REVIEW/ THROMBOPENIA, etiology

2356. **Frangione B, Wolfenstein-Todel C:** Partial duplication in the "hinge" region of IgA 1 myeloma proteins. Proc Natl Acad Sci USA 69:3673-6, Dec 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ GEL FILTRATION/ HUMAN/ HYDROLYSIS/ *IGA/ IGA, metabolism/ *MYELOMA PROTEINS/ MYELOMA PROTEINS, metabolism/ PEPTIDES, analysis/ PEPTIDES, metabolism/ SUBTILISINS, metabolism/ TRYPSIN, metabolism

2357. **Frangne R, Adrian J:** La réaction de Maillard. 7. Mise en évidence d'une fraction labile de lysine dans les protéines. Ann Nutr Aliment 26:107-19, 1972 (Fre)
CARBOHYDRATES/ *FOOD ANALYSIS/ HEAT/ *LYSINE/ OVALBUMIN, analysis/ PEPTIDE HYDROLASES/ PROTEIN DENATURATION/ PROTEIN HYDROLYSATES, analysis/ *PROTEINS, analysis

2358. **Franken FH, Wiechers B:** Ergometrische Untersuchungen zur körperlichen Belastbarkeit chronisch Leberkrnaker. Dtsch Med Wochenschr 98:528-31, 16 Mar 73 (Ger)
ADULT/ AGED/ ALANINE AMINOTRANSFERASE, blood/ ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ CHRONIC DISEASE/ *EXERTION/ FATTY LIVER, blood/ FATTY LIVER, therapy/ FEMALE/ HEPATITIS, blood/ HEPATITIS, therapy/ HUMAN/ LIVER CIRRHOSIS, blood/ LIVER CIRRHOSIS, therapy/ *LIVER DISEASES/ LIVER DISEASES, therapy/ LIVER FUNCTION TESTS/ MALE/ MIDDLE AGE/ PROTHROMBIN, analysis/ REST/ SULFOBROMOPHTHALEIN, analysis

2359. **Franklin MR:** The incomplete conversion of hepatic cytochrome P-450 to P-420 by mercurials.
Mol Pharmacol 8:711-21, Nov 72
ANILINE COMPOUNDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ *CYTOCHROME P-450, metabolism/ *CYTOCHROMES, biosynthesis/ *DIURETICS, MERCURIAL, pharmacodynamics/ ELECTRON SPIN RESONANCE/ HEXOBARBITAL, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ LIVER, cytology/ MERCURY, administration & dosage/ MICROSOMES, LIVER, drug effects/ MICROSOMES, LIVER, metabolism/ MORPHINANS, pharmacodynamics/ NICOTINAMIDE, pharmacodynamics/ ORGANOMETALLIC COMPOUNDS, administration & dosage/ PHENOBARBITAL, pharmacodynamics/ PROTEINS, analysis/ RATS/ SPECTROPHOTOMETRY/ SPECTRUM ANALYSIS/ TRYPSIN

2360. **Franklin RM, Harrison SC, Pettersson U, et al:** Structural studies on the adenovirus hexon.
Cold Spring Harbor Symp Quant Biol 36:503-10, 1971
*ADENOVIRUS/ MACROMOLECULAR SYSTEMS/ MICROSCOPY, ELECTRON/ MOLECULAR WEIGHT/ PEPTIDES, analysis/ PROTEIN CONFORMATION/ TRYPSIN/ URANIUM/ *VIRAL PROTEINS/ X-RAY DIFFRACTION

2361. **Frasch CE, Chapman SS:** Classification of Neisseria meningitidis group B into distinct serotypes. IV. Preliminary chemical studies on the nature of the serotype antigen. Infect Immun 6:674-81, Nov 72
ACETIC ACIDS, pharmacodynamics/ ANTIGENS, BACTERIAL/ BACTERIAL PROTEINS, analysis/ BACTERIOLOGICAL TECHNICS/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, DISK/ GEL DIFFUSION TESTS/ HEMAGGLUTINATION INHIBITION TESTS/ HEMAGGLUTINATION TESTS/ HYDROGEN-ION CONCENTRATION/ IMMUNOELECTROPHORESIS/ MOLECULAR WEIGHT/ *NEISSERIA MENINGITIDIS, classification/ NEISSERIA MENINGITIDIS, immunology/ PRECIPITATION/ PRONASE, pharmacodynamics/ *SEROTYPING/ TRYPSIN, pharmacodynamics

2362. **Fraser DR:** An investigation of some of the factors influencing tablet strength.
J Pharm Pharmacol 24:Suppl:136P, Dec 72
ASPIRIN/ CALCIUM PHOSPHATES/ CARBONATES/ LACTOSE/ MAGNESIUM/ PARTICLE SIZE/ PHENINDIONE/ PRESSURE/ STARCH/ SUCROSE/ *TABLETS

2363. **Frater R, Whitmore PG:** In vitro growth of postembryonic hair.
J Invest Dermatol 61:72-81, Aug 73
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ CATTLE/ CELL DIFFERENTIATION/ COLLAGEN/ CULTURE MEDIA/ *HAIR, growth & development/ MICE/ MICE, INBRED C57BL/ MICROSCOPY, ELECTRON/ PEPTIDE HYDROLASES/ RATS/ SKIN, anatomy & histology/ SKIN, growth & development/ TIME FACTORS/ TISSUE CULTURE/ TRYPSIN

2364. **Fredenucci P, Fabre, Demard F, et al:** Infusions intra-artérielles sous oxygénothérapie hyperbare dans le traitement des artériopathies.
Maroc Med 52:450-1, Jul 72 (Fre)
ARTERIES/ *HEPARIN, therapeutic use/ HUMAN/ *HYPERBARIC OXYGENATION/ INJECTIONS, INTRA-ARTERIAL/ LEG/ METHODS/ VASCULAR DISEASES, drug therapy/ *VASCULAR DISEASES, therapy

2365. **Fredrickson DS, Breslow JL:** Primary hyperlipoproteinemia in infants.
Annu Rev Med 24:315-24, 1973 (87 ref.)
AGE FACTORS/ *ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, prevention & control/ CHOLESTEROL, blood/ DIET THERAPY/ DIETARY FATS, adverse effects/ FATTY ACIDS, blood/ HUMAN/ HYPERCHOLESTEREMIA, prevention & control/ *HYPERLIPEMIA, complications/ HYPERLIPEMIA, prevention & control/ HYPERLIPEMIA, ESSENTIAL FAMILIAL, metabolism/ HYPERLIPEMIA, ESSENTIAL FAMILIAL, therapy/ INFANT/ INFANT, NEWBORN/ LIPOPROTEIN LIPASE, metabolism/ *LIPOPROTEINS, blood/ PHOSPHOLIPIDS, blood/ REVIEW/ TRIGLYCERIDES, blood

2366. **Freedman PD, Friedman JM:** Thrombocytopenia. A case report. NY J Dent 38:552-5, Nov 72
CASE REPORT/ HEMORRHAGE, ORAL, etiology/ HUMAN/ MALE/ MIDDLE AGE/ *ORAL MANIFESTATIONS/ THROMBOPENIA/ THROMBOPENIA, complications/ *TONGUE DISEASES

2367. **Freedman PD, Friedman JM:** Thrombocytopenia. A case report. NY State Dent J 38:552-5, Nov 72
CASE REPORT/ CHEEK, pathology/ HEMORRHAGE, ORAL, etiology/ HUMAN/ MALE/ MIDDLE AGE/ MOUTH MUCOSA, pathology/ *ORAL MANIFESTATIONS/ *THROMBOPENIA/ TONGUE DISEASES, pathology

2368. **Freedman SI, Barton S, Goodhill V:** Cavernous angiomas of the tympanic membrane.
Arch Otolaryngol 96:158-60, Aug 72
AUDIOMETRY/ EAR CANAL, surgery/ EAR NEOPLASMS, pathology/ EAR NEOPLASMS, surgery/ FOLLOW-UP STUDIES/ *HEMANGIOMA, CAVERNOUS/ HEMANGIOMA, CAVERNOUS, pathology/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ MALE/ MIDDLE AGE/ REIMPLANTATION/ SKIN, surgery/ SKIN, transplantation/ TRANSPLANTATION, AUTOLOGOUS/ *TYMPANIC MEMBRANE/ TYMPANIC MEMBRANE, pathology/ TYMPANIC MEMBRANE, surgery

2369. **Freel RJ, Maldonado JE, Gleich GJ:** Hyperviscosity syndrome associated with immunoglobulin A myeloma. Am J Med Sci 264:117-22, Aug 72
AGED/ BLOOD COAGULATION TESTS/ BLOOD PROTEIN ELECTROPHORESIS/ BLOOD PROTEINS, analysis/ *BLOOD VISCOSITY/ EPISTAXIS, complications/ FEMALE/ HEADACHE, complications/ HEMORRHAGE, complications/ HUMAN/ *IGA/ IGA, analysis/ IMMUNOELECTROPHORESIS/ MULTIPLE MYELOMA, blood/ *MULTIPLE MYELOMA, complications/ MULTIPLE MYELOMA, immunology/ PLASMAPHERESIS/ RETINAL DISEASES, complications/ RETINAL HEMORRHAGE, complications/ SYNDROME/ ULTRACENTRIFUGATION/ VERTIGO, complications

2370. **Freer JH, Arbuthnott JP, Billcliffe B:** Effects of staphylococcal -toxin on the structure of erythrocyte membranes: a biochemical and freeze-etching study.
J Gen Microbiol 75:321-32, Apr 73
ANIMAL EXPERIMENTS/ BLOOD PROTEINS, analysis/ *CELL MEMBRANE, drug effects/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ERYTHROCYTES, drug effects/ FREEZE ETCHING/ HEMOLYSIS/ IN VITRO/ MICROSCOPY, ELECTRON/ PEPTIDES/ PRONASE, pharmacodynamics/ RABBITS/ STAPHYLOCOCCUS/ SUBTILISINS, pharmacodynamics/ *TOXINS, pharmacodynamics/ TRYPSIN, pharmacodynamics

2371. **Frejaville JP:** L'intoxication salicylée.
Acad Rev 2:1372, 19 May 73 (Fre)
CHILD/ CHILD, PRESCHOOL/ DEHYDRATION, chemically induced/ DEHYDRATION, therapy/ HUMAN/ HYPOKALEMIA, chemically induced/ INFANT/ *SALICYLATES, poisoning/ THROMBOPENIA, chemically induced

2372. **Fréjaville JP, Bescol J, Leclerc JP, et al:** Intoxication aiguë par les dérivés arsenicaux; (à propos de 4 observations personnelles); troubles de l'hémostase;

étude ultramicroscopique du foie et du rein.
Ann Med Interne (Paris) 123:713-22, Aug-Sep 72 (Fre)
ADULT/ *ARSENIC, poisoning/ BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION TESTS/ CELL NUCLEUS/ ENDOPLASMIC RETICULUM/ ENGLISH ABSTRACT/ EPITHELIAL CELLS/ FEMALE/ FIBRINOLYSIS/ HUMAN/ *KIDNEY, pathology/ KIDNEY GLOMERULUS, pathology/ KIDNEY TUBULES, pathology/ *LIVER, pathology/ MALE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, LIVER/ POISONING, pathology/ POISONING, physiopathology/ POISONING, therapy/ SOLUBILITY/ SUICIDE

2373. **Frénoy JP, Razafimahaleo E, Bourrillon R:** Préparation des 2 -,macroglobulines humaines individuelles. Propriétés chimiques comparées.
Clin Chim Acta 42:51-6, Nov 72 (Fre)
AMINO ACIDS, analysis/ DEXTRAN/ DIALYSIS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ GEL FILTRATION/ GLUCOSAMINE, analysis/ HEXOSES, analysis/ HUMAN/ IMMUNOELECTROPHORESIS/ MACROGLOBULINS, analysis/ *MACROGLOBULINS, isolation & purification/ METHODS/ NEURAMINIC ACIDS, analysis/ PRECIPITATION/ SULFURIC ACIDS/ TRYPSIN INHIBITORS/ ULTRACENTRIFUGATION

2374. **Frese R, Gröschel-Stewart U:** On the stability of N-ethylmaleimide alkylated sulfhydrylgroups.
Experientia 28:1013-5, 15 Sep 72
CARBON ISOTOPES/ CHROMATOGRAPHY/ CHROMATOGRAPHY, THIN LAYER/ *ETHYLMALEIMIDE/ GLUTATHIONE/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ MEROMYOSINS/ PEPTIDES, analysis/ PROTEIN BINDING/ SPECTRUM ANALYSIS/ *SULFHYDRYL REAGENTS/ TRYPSIN

2375. **Freudiger U:** Die Diagnose der chronischen exokrinen Pankreasinsuffizienz.
Schweiz Arch Tierheilkd 114:476-87, Oct 72 (Ger)
CHRONIC DISEASE/ CHYMOTRYPSIN, metabolism/ *DOG DISEASES, diagnosis/ DOGS/ ENGLISH ABSTRACT/ MALABSORPTION SYNDROMES, diagnosis/ PANCREAS, enzymology/ *PANCREATIC DISEASES, veterinary/ TRYPSIN, metabolism

2376. **Freundl G, Heine WD:** Akuter bakterieller Infekt--Kontraindikation für eine Streptokinasebehandlung in der Gravidität.
Med Welt 23:1844-6, 2 Dec 72 (Ger)
ACUTE DISEASE/ ADULT/ *BACTERIAL INFECTIONS, complications/ FEMALE/ HUMAN/ PNEUMONIA, complications/ PREGNANCY/ *PREGNANCY COMPLICATIONS, INFECTIOUS/ PULMONARY EMBOLISM, drug therapy/ *STREPTOKINASE, adverse effects/ STREPTOKINASE, therapeutic use/ THROMBOSIS, drug therapy

2377. **Frewin DB, McConnell DJ, Downey JA:** Is a kininogenase necessary for human sweating.
Lancet 2:744, 29 Sep 73
ADULT/ HUMAN/ *KALLIKREIN/ KININOGENS/ KININS/ MALE/ *PEPTIDE PEPTIDOHYDROLASES/ SWEAT, analysis/ *SWEATING

2378. **(Frey E), Vossschulte K:** Professor Dr. med., Dr. rer. nat. h. c., Dr. rer. nat. h. c. E.K. Frey zum 85. Geburtstag.
Dtsch Med Wochenschr 98:1443, 27 Jul 73 (Ger)
CURRENT BIOG-OBIT/ GERMANY/ GERMANY, WEST/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ KALLIKREIN-TRYPSIN INACTIVATOR, history/ PANCREATITIS, history

2379. **Frey HJ, Laaksonen H, Riekkinen PJ, et al:** Basic (encephalitogenic) protein as vulnerable part in early myelin breakdown.
Acta Neurol Scand [Suppl] 48:371-6, 1972
ANIMAL EXPERIMENTS/ AUTOPSY/ BRAIN, enzymology/ *BRAIN, metabolism/ DEMYELINATION, enzymology/ DEMYELINATION, metabolism/ HUMAN/ MULTIPLE SCLEROSIS, enzymology/ MULTIPLE SCLEROSIS, metabolism/ MYELIN SHEATH, enzymology/ *MYELIN SHEATH, metabolism/ *NERVE TISSUE PROTEINS, metabolism/ PEPTIDE HYDROLASES, metabolism/ SUBACUTE SCLEROSING PANENCEPHALITIS, enzymology/ SUBACUTE SCLEROSING PANENCEPHALITIS, metabolism/ SUBACUTE SCLEROSING PANENCEPHALITIS, pathology/ TIME FACTORS

2380. **Frey HJ, Laarksonen H, Riekkinen PJ, et al:** Basic (encephalitogenic) proteins as vulnerable part in early myelin breakdown.
Acta Neurol Scand [Suppl] 51:371-3, 1972
ANIMAL EXPERIMENTS/ AUTOPSY/ BRAIN, enzymology/ *BRAIN, metabolism/ DEMYELINATION, enzymology/ DEMYELINATION, metabolism/ HUMAN/ MULTIPLE SCLEROSIS, enzymology/ MULTIPLE SCLEROSIS, metabolism/ MYELIN SHEATH, enzymology/ *MYELIN SHEATH, metabolism/ *NERVE TISSUE PROTEINS, metabolism/ PEPTIDE HYDROLASES, metabolism/ SUBACUTE SCLEROSING PANENCEPHALITIS, enzymology/ SUBACUTE SCLEROSING PANENCEPHALITIS, metabolism/ SUBACUTE SCLEROSING PANENCEPHALITIS, pathology/ TIME FACTORS

2381. **Frey HJ, Riekkinen PJ, Arstila AU, et al:** Maturational changes of CNS myelin with special reference to neutral proteinase activities.
Brain Res 45:165-73, 13 Oct 72
ACID PHOSPHATASE, metabolism/ AGE FACTORS/ ANIMAL EXPERIMENTS/ *BRAIN, enzymology/ BRAIN, growth & development/ BRAIN CHEMISTRY/ *CENTRAL NERVOUS SYSTEM, growth & development/ CEREBROSIDES, metabolism/ DNA, metabolism/ GUINEA PIGS/ LACTATE DEHYDROGENASE, metabolism/ MALE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, metabolism/ *MYELIN SHEATH, enzymology/ *PEPTIDE HYDROLASES, metabolism/ RNA, metabolism/ SUCCINATE DEHYDROGENASE, metabolism

2382. **Frick G, Frick U:** Normalwerte der Leukozyten, basophilen Granulozyten und Antithrombinaktivitäten bei Blutspendern.
Folia Haematol (Leipz) 99:87-97, 1973 (Ger)
ADOLESCENCE/ ADULT/ AGE FACTORS/ *ANTITHROMBIN, analysis/ BASOPHILS/ BLOOD COAGULATION TESTS/ *BLOOD DONORS/ CIRCADIAN RHYTHM/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LEUKOCYTE COUNT/ *LEUKOCYTES/ MALE/ MIDDLE AGE/ SEX FACTORS

2383. **Frick G, Frick U:** Natürliche Hemmkörper der Gerinnung während operativer Eingriffe im Vergleich zu Blutspendern.
Zentralbl Chir 97:1535-40, 28 Oct 72 (Ger)
ADOLESCENCE/ ADULT/ AGED/ *ANTITHROMBIN, analysis/ *BLOOD COAGULATION/ BLOOD COAGULATION FACTORS/ BLOOD DONORS/ FACTOR ANALYSIS, STATISTICAL/ FEMALE/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ HUMAN/ LEUKOCYTE COUNT/ MALE/ MIDDLE AGE/ PROTHROMBIN TIME/ SEX FACTORS/ SURGERY, OPERATIVE/ TIME FACTORS

2384. **Frick U, Klein G:** Ergebnisse der Fibrinolysebestimmung mit einer Mikromethode.
Z Med Labortech 14:46-9, 1973 (Ger)
BLOOD COAGULATION TESTS/ CAPILLARIES/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ MALE/ METHODS/ MICROCHEMISTRY

2385. **Friedberg NM, Zucker MB:** ADP as the cause of reversible inhibition of platelet retention in glass-bead columns. J Lab Clin Med 80:603-12, Oct 72
ADENINE NUCLEOTIDES/ ADENOSINE/ *ADENOSINE DIPHOSPHATE/ ADENOSINE DIPHOSPHATE, blood/ ADENOSINE MONOPHOSPHATE/ ADENOSINE TRIPHOSPHATE/ ADENOSINE TRIPHOSPHATE, blood/ ADULT/ *BLOOD PLATELETS/ CHROMATOGRAPHY/ GLASS/ HEMOGLOBIN/ HEMOLYSIS/ HUMAN/ KINETICS/ PHOSPHATASES/ *PLATELET ADHESIVENESS

2386. **Friedenberg MJ, Lake P, Landau S:** Bilateral incomplete traumatic occlusion of internal carotid arteries.
Am J Roentgenol Radium Ther Nucl Med 118:546-9, Jul 73
ADULT/ ANGIOGRAPHY/ ARTERIAL OCCLUSIVE DISEASES, complications/ ARTERIAL OCCLUSIVE DISEASES, drug therapy/ *ARTERIAL OCCLUSIVE DISEASES, etiology/ ARTERIAL OCCLUSIVE DISEASES, therapy/ *CAROTID ARTERIES, injuries/ CAROTID ARTERY DISEASES, complications/ CAROTID ARTERY DISEASES, drug therapy/ *CAROTID ARTERY DISEASES, etiology/ CAROTID ARTERY DISEASES, therapy/ CAROTID ARTERY, INTERNAL, injuries/ CAROTID ARTERY, INTERNAL, radiography/ ELECTROENCEPHALOGRAPHY/ HEMATOMA, complications/ HUMAN/ MALE/ MENTAL DISORDERS, etiology/ PHYSICAL THERAPY/ RUPTURE/ ULTRASONICS, diagnostic use/ VASA VASORUM, injuries/ WARFARIN, therapeutic use

2387. **Friedman JM, Gormley MB, Kupfer S, et al:** Cavernous hemangioma of the oral cavity: review of the literature and report of case.
J Oral Surg 31:617-9, Aug 73 (12 ref.)
AGED/ CASE REPORT/ FEMALE/ *HEMANGIOMA, CAVERNOUS/ HEMANGIOMA, CAVERNOUS, pathology/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ *LIP NEOPLASMS/ LIP NEOPLASMS, pathology/ LIP NEOPLASMS, surgery/ REVIEW

2388. **Friedman M, Byers SO, Elek S:** The pathogenesis of neurogenic hypercholesterolemia. IV. Abnormal metabolism of chylomicronous cholesterol.
Proc Soc Exp Biol Med 142:359-64, Jan 73
ANIMAL EXPERIMENTS/ CHOLESTEROL, blood/ *CHOLESTEROL, metabolism/ *CHYLOMICRONS, metabolism/ ENZYME INDUCTION, drug effects/ HEPARIN, pharmacodynamics/ HYPERCHOLESTEREMIA, enzymology/ HYPERCHOLESTEREMIA, etiology/ *HYPERCHOLESTEREMIA, metabolism/ *HYPOTHALAMUS, physiology/ INTESTINES, metabolism/ LIPOPROTEIN LIPASE, blood/ LIVER, metabolism/ LYMPH, metabolism/ MALE/ PALMITIC ACID, blood/ PALMITIC ACID, metabolism/ RATS/ TRIGLYCERIDES, blood/ TRIGLYCERIDES, metabolism/ TRITIUM

2389. **Friedman SA, Berger N, Cerruti MM, et al:** Venous thrombosis and permanent cardiac pacing.
Am Heart J 85:531-3, Apr 73
AGED/ ARRHYTHMIA, SINUS, therapy/ *AXILLARY VEIN/ BUNDLE-BRANCH BLOCK, therapy/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *PACEMAKER, ARTIFICIAL, adverse effects/ *SUBCLAVIAN VEIN/ THROMBOPHLEBITIS, drug therapy/ *THROMBOPHLEBITIS, etiology

2390. **Friedman Z, Hanley WB, Radde IC:** Ionized calcium in exchange transfusion with THAM-buffered ACD blood. Can Med Assoc J 107:742-5, 21 Oct 72
ABO FACTORS/ BLOOD GROUP INCOMPATIBILITY, complications/ BUFFERS/ *CALCIUM/ *CITRATES/ *EXCHANGE TRANSFUSION/ GLUCONATES/ GLUCOSE/ HEPARIN/ HUMAN/ HYPERBILIRUBINEMIA, etiology/ *HYPERBILIRUBINEMIA, therapy/ INFANT, NEWBORN/ IONS/ METHODS/ RH FACTORS/ *TROMETHAMINE

2391. **Frigeni V, Bonanomi L:** Comportamento del quadro proteico e dei gruppi SH nel siero di ratto in corso di artrite sperimentale.
Boll Chim Farm 111:688-93, Nov 72 (Ita)
ANIMAL EXPERIMENTS/ ARTHRITIS, chemically induced/ *ARTHRITIS, INFECTIOUS, blood/ *ARTHRITIS, RHEUMATOID, blood/ *BLOOD PROTEINS/ DISEASE MODELS, ANIMAL/ ENGLISH ABSTRACT/ FIBRINOGEN, analysis/ FREUND'S ADJUVANT/ MYCOPLASMA INFECTIONS, complications/ RATS/ *SULFHYDRYL COMPOUNDS, blood

2392. **Frisch EP:** Clinical experience with brinase.
J Clin Pathol 25:653-4, Jul 72
ANIMAL EXPERIMENTS/ ASPERGILLUS, enzymology/ DOGS/ FEMORAL ARTERY/ FIBRINOLYTIC AGENTS, adverse effects/ *FIBRINOLYTIC AGENTS, therapeutic use/ HEMODIALYSIS/ HUMAN/ PEPTIDE HYDROLASES, adverse effects/ *PEPTIDE HYDROLASES, therapeutic use/ POPLITEAL ARTERY/ PULMONARY EMBOLISM, drug therapy/ *THROMBOSIS, drug therapy

2393. **Frisch EP, Fitzgerald DE:** Relief of chronic peripheral artery obstruction by intravenous Brinase.
J Ir Med Assoc 66:313-8, 23 Jun 73
AGED/ ARTERIAL OCCLUSIVE DISEASES, blood/ *ARTERIAL OCCLUSIVE DISEASES, drug therapy/ ARTERIAL OCCLUSIVE DISEASES, physiopathology/ ASPERGILLUS, enzymology/ BLOOD PRESSURE/ FEMALE/ FIBRINOLYSIS, drug effects/ FIBRINOLYTIC AGENTS, administration & dosage/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ MALE/ MIDDLE AGE/ *PEPTIDE HYDROLASES, therapeutic use

2394. **Fritsch H:** Studien zur Endotoxin-Wirkung.
Fortschr Med 90:989-92, 28 Sep 72 (Ger)
ANIMAL EXPERIMENTS/ *BLOOD CELLS, drug effects/ BLOOD PLATELETS, drug effects/ CELL ADHESION, drug effects/ CELL AGGREGATION, drug effects/ DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ ENDOTOXINS, antagonists & inhibitors/ *ENDOTOXINS, pharmacodynamics/ ERYTHROCYTES, drug effects/ HAMSTERS/ HUMAN/ LEUKOCYTES, drug effects/ LEUKOPENIA, chemically induced/ MICROCIRCULATION, drug effects/ PLATELET ADHESIVENESS, drug effects/ RABBITS/ SWINE/ THROMBOPENIA, chemically induced

2395. **Fritsch H:** Arteriosklerose. Beziehungen unter ausgewählten experimentellen Bedingungen.
Verh Dtsch Ges Inn Med 78:1207-11, 1972 (Ger)
ANIMAL EXPERIMENTS/ AORTA, physiopathology/ *ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, physiopathology/ DIET, ATHEROGENIC/ RABBITS

2396. **Fritsch H, Urbaschek B:** Rasterelectonemikroscopische Untersuchungen zur frage der Endotoxinwirkungan der terminalen Strombahn.
Zentralbl Bakteriol [Orig A] 221:527-38, Sep 72 (Ger)
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, drug effects/ *CAPILLARIES, drug effects/ *ENDOTOXINS, pharmacodynamics/ ENGLISH ABSTRACT/ ERYTHROCYTES, drug effects/ ESCHERICHIA COLI/ FEMALE/ FIBRIN/ HAMSTERS/ MALE/ MICROSCOPY, ELECTRON, SCANNING/ TIME FACTORS

2397. **Fritsch H, Urbaschek B, Urbaschek R:** Histologische Untersuchungen zum Endotoxinschock am Zwergschwein.
Z Kreislaufforsch 61:1071-81, Nov 72 (Ger)
ANIMAL EXPERIMENTS/ *DISSEMINATED

INTRAVASCULAR COAGULATION, pathology/ ENDOTOXINS/ ENGLISH ABSTRACT/ ESCHERICHIA COLI/ JEJUNUM, pathology/ KIDNEY, pathology/ LIVER, pathology/ *SHOCK, ENDOTOXIC, pathology/ SPLEEN, pathology/ SWINE/ TIME FACTORS

2398. **Fritts-Williams ML, Meyer DB:** Isolation and culture of homogenous populations of primordial germ cells in chick. Exp Cell Res 75:512-4, Dec 72
CELL SEPARATION/ CELLS, CULTURED/ CENTRIFUGATION, DENSITY GRADIENT/ CHICK EMBRYO/ *CYTOLOGICAL TECHNICS/ *GERM CELLS/ GONADS/ MESODERM/ SALTS/ TRYPSIN

2399. **Fritz G, Hubmer G:** Thrombophlebitis der V. ovarica dextra post partum: Chirurgische Diagnose mit konservativer Therapie.
Zentralbl Chir 98:212-5, 9 Feb 73 (Ger)
ADULT/ ANTICOAGULANTS, therapeutic use/ APPENDICITIS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ OVARY, blood supply/ PREGNANCY/ PUERPERAL DISORDERS, diagnosis/ PUERPERAL DISORDERS, drug therapy/ *PUERPERAL DISORDERS, therapy/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, drug therapy/ *THROMBOPHLEBITIS, therapy

2400. **Fritz H, Arnhold M, Förg-Brey B, et al:** Verhalten der Chymotrypsin-ähnlichen Proteinase aus Humansperma gegenüber Protein-Proteinase-Inhibitoren.
Hoppe Seylers Z Physiol Chem 353:1651-3, Oct 72 (Ger)
CHEMISTRY/ CHYMOTRYPSIN, antagonists & inhibitors/ ENGLISH ABSTRACT/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ *SPERMATOZOA, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP/ SUBMANDIBULAR GLAND, enzymology/ TRYPSIN INHIBITORS

2401. **Fritz H, Förg-Brey B, Fink E, et al:** Humanakrosin: Gewinnung und Eigenschaften.
Hoppe Seylers Z Physiol Chem 353:1943-9, Dec 72 (Ger)
ACETIC ACIDS/ ARGININE/ BENZYL COMPOUNDS/ DETERGENTS/ ENGLISH ABSTRACT/ EQUIPMENT AND SUPPLIES/ EVALUATION STUDIES/ GEL FILTRATION/ GLASS/ HUMAN/ KINETICS/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ PROTEIN DENATURATION/ *SPERMATOZOA, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN INHIBITORS, isolation & purification

2402. **Fritz H, Förg-Brey B, Meier M, et al:** Humanakrosin: Hemmbarkeit durch Protein-Proteinase-Inhibitoren.
Hoppe Seylers Z Physiol Chem 353:1950-2, Dec 72 (Ger)
ANILIDES/ ARGININE/ BENZYL COMPOUNDS/ DOGS/ ENGLISH ABSTRACT/ GUINEA PIGS/ HUMAN/ KINETICS/ LEECHES/ MALE/ PANCREAS/ *PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ SEMINAL VESICLES/ SHEEP/ *SPERMATOZOA, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP/ SWINE/ *TRYPSIN INHIBITORS

2403. **Fritz H, Heimburger N, Meier M, et al:** Humanakrosin: Zur Kinetik der Hemmung durch Human-Seruminhibitoren.
Hoppe Seylers Z Physiol Chem 353:1953-6, Dec 72 (Ger)
ANILIDES/ *ANTITHROMBIN, pharmacodynamics/ ARGININE/ BENZYL COMPOUNDS/ ENGLISH ABSTRACT/ HUMAN/ KINETICS/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ SPERMATOZOA, enzymology/ SWINE/ *TRYPSIN INHIBITORS

2404. **Fritz H, Schiessler H, Förg-Brey B, et al:** Charakterisierung einer Trypsin-ähnlichen Proteinase (Akrosin) aus Eberspermien durch ihre Hemmbarkeit mit verschiedenen Protein-Proteinase-Inhibitoren. 3. Inhibitoren aus Bauchspeicheldrüsen.
Hoppe Seylers Z Physiol Chem 353:1013-4, Jun 72 (Ger)
CATTLE/ DOGS/ MALE/ PANCREAS/ *PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ SHEEP/ SPECIES SPECIFICITY/ *SPERMATOZOA, enzymology/ SWINE/ *TRYPSIN INHIBITORS/ TRYPSIN INHIBITORS, analysis

2405. **Fritz H, Wunderer G, Dittmann B:** Zur Isolierung von Schweine- und Human-Serumkallikren durch Affinitätschromatographie. Spezifische Bindung an wasserunlösliche Kunitz-Sojabohnen-Inhibitor-Cellulosen und dissoziation mit kompetitiven Hemmstoffen (Benzamidin.
Hoppe Seylers Z Physiol Chem 353:893-900, Jun 72 (Ger)
AMIDINES/ *BLOOD, enzymology/ CELLULOSE/ *CHROMATOGRAPHY/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, ION EXCHANGE/ ENGLISH ABSTRACT/ FIBRINOLYSIN, isolation & purification/ GEL FILTRATION/ HUMAN/ *KALLIKREIN, isolation & purification/ KALLIKREIN, metabolism/ KALLIKREIN-TRYPSIN INACTIVATOR/ METHODS/ PRECIPITATION/ PROTEINS, analysis/ SOY BEANS/ SWINE/ TRYPSIN INHIBITORS

2406. **Fritzsche H, Höfer R, Joli I, et al:** Klippel-Trenaunay-Parkes-Weber-Syndrom mit respiratorischer Insuffizienz infolge thrombembolischer Gefässverschlüsse der Lunge.
Wien Z Inn Med 53:368-73, 1972 (Ger)
*ANGIOMATOSIS, complications/ *BONE DISEASES, complications/ COUMARINS, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MIDDLE AGE/ *PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/ RADIOISOTOPE SCANNING/ RESPIRATORY INSUFFICIENCY, drug therapy/ *RESPIRATORY INSUFFICIENCY, etiology/ RESPIRATORY INSUFFICIENCY, physiopathology/ SYNDROME/ TECHNETIUM, diagnostic use/ *VARICOSE VEINS, complications

2407. **Froelicher VF Jr:** Dietary prevention of atherosclerosis. Am Fam Physician 7:79-85, Mar 73
ARTERIOSCLEROSIS, etiology/ *ARTERIOSCLEROSIS, prevention & control/ CHOLESTEROL, blood/ *CHOLESTEROL, DIETARY/ *DIET/ DIET, ATHEROGENIC/ DIETARY FATS, administration & dosage/ HUMAN/ HYPERCHOLESTEREMIA, complications/ HYPERTENSION, complications/ SMOKING, complications/ SODIUM CHLORIDE, administration & dosage/ VITAMIN D, administration & dosage

2408. **Froget J, Guerre J, Pergola F, et al:** Les hémorragies médicamenteuses explorées par oeso-gastrocopie d'urgence.
Ann Gastroenterol Hepatol (Paris) 8:361-7, Jul-Sep 72 (Fre)
ADRENAL CORTEX HORMONES, adverse effects/ AGED/ AMINOPYRINE, adverse effects/ ANTICOAGULANTS, adverse effects/ ASPIRIN, adverse effects/ EMERGENCIES/ ENGLISH ABSTRACT/ ESOPHAGOSCOPY/ FEMALE/ FIBER OPTICS/ GASTRITIS, diagnosis/ GASTROSCOPY/ HEMORRHAGE, GASTROINTESTINAL, chemically induced/ *HEMORRHAGE, GASTROINTESTINAL, diagnosis/ HUMAN/ MALE/ PEPTIC ULCER, diagnosis

2409. **Frohlich A, Sadeh D:** The excess radioactivity of trypsin mixtures. Biophys J 13:601-2, Jul 73
ABSORPTION/ BORIC ACIDS/ CHLORIDES/

HALF-LIFE/ IODINE ISOTOPES/ LITHIUM/ MOLECULAR CONFORMATION/ PROTEIN CONFORMATION/ RADIOISOTOPES/ TIME FACTORS/ *TRYPSIN

2410. **Frohlich ED:** Clinical significance of hemodynamic findings in hypertension. Chest 64:94-9, Jul 73 (37 ref.)
ANGIOTENSIN, blood/ BLOOD PRESSURE/ BLOOD VISCOSITY/ BLOOD VOLUME/ CARDIAC OUTPUT/ DIURETICS, therapeutic use/ HEART ENLARGEMENT, etiology/ HEART ENLARGEMENT, physiopathology/ HEART RATE/ *HEMODYNAMICS/ HUMAN/ HYPERTENSION, complications/ HYPERTENSION, drug therapy/ *HYPERTENSION, physiopathology/ HYPERTENSION, RENAL, drug therapy/ HYPERTENSION, RENAL, physiopathology/ PROPRANOLOL, therapeutic use/ RECEPTORS, ADRENERGIC/ RENIN, blood/ REVIEW

2411. **Frojmovic MM:** Quantitative parameterization of the light transmission properties of citrated, platelet-rich plasma as a function of platelet and adenosine diphosphate concentrations and temperature.
J Lab Clin Med 82:137-53, Jul 73
*ADENOSINE DIPHOSPHATE, blood/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS, drug effects/ CELL SEPARATION/ CITRATES/ HUMAN/ METHODS/ *PHOTOMETRY/ *PLATELET ADHESIVENESS/ PLATELET ADHESIVENESS, drug effects/ RABBITS/ SPECTROPHOTOMETRY/ *TEMPERATURE/ TIME FACTORS

2412. **Froland SS, Natvig JB, Husby G:** Immunological characterization of lymphocytes in synovial fluid from patients with rheumatoid arthritis.
Scand J Immunol 2:67-73, 1973
ADOLESCENCE/ ADULT/ AGED/ ARTHRITIS, RHEUMATOID, blood/ *ARTHRITIS, RHEUMATOID, immunology/ CELL COUNT/ CENTRIFUGATION, DENSITY GRADIENT/ CHILD/ ERYTHROCYTES, immunology/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ IGA, isolation & purification/ IGG, isolation & purification/ IGM, isolation & purification/ IMMUNOGLOBULINS, FAB, isolation & purification/ KNEE JOINT, immunology/ LYMPHOCYTES, analysis/ *LYMPHOCYTES, immunology/ MALE/ MIDDLE AGE/ SHEEP, immunology/ *SYNOVIAL FLUID, immunology/ TRYPSIN, pharmacodynamics

2413. **Froland SS, Natvig JB:** Surface-bound immunoglobulin on lymphocytes from normal and immunodeficient humans. Scand J Immunol 1:1-12, 1972
ADULT/ *AGAMMAGLOBULINEMIA, immunology/ *CELL MEMBRANE, immunology/ CELLS, CULTURED/ CHILD/ CHILD, PRESCHOOL/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ IGA, analysis/ IGG, analysis/ IGM, analysis/ IMMUNE SERUMS/ IMMUNOGLOBULIN FRAGMENTS, analysis/ *IMMUNOGLOBULINS, analysis/ LYMPHOCYTE TRANSFORMATION/ *LYMPHOCYTES, immunology/ MALE/ MICROFILMING/ PURPURA, THROMBOPENIC, immunology/ RABBITS, immunology/ SARCOIDOSIS, immunology/ SPLEEN, cytology/ THYMIDINE, metabolism/ TRITIUM/ UMBILICAL CORD

2414. **Frolova IA:** Vitamin B6 i metabolizm lipidov (obzor literatury.
Vopr Med Khim 18:339-46, Jul-Aug 72 (89 ref.) (Rus)
AMINES, metabolism/ ANIMAL EXPERIMENTS/ ARTERIOSCLEROSIS, drug therapy/ ARTERIOSCLEROSIS, enzymology/ ARTERIOSCLEROSIS, metabolism/ CHOLESTEROL, biosynthesis/ CHOLESTEROL, metabolism/ COENZYME A, metabolism/ CORONARY DISEASE, metabolism/ ENDOCRINE DISEASES, metabolism/ FATTY ACIDS, biosynthesis/ FATTY ACIDS, metabolism/ FATTY LIVER, metabolism/ HUMAN/ HYPERCHOLESTEREMIA, drug therapy/ HYPERCHOLESTEREMIA, etiology/ HYPERCHOLESTEREMIA, metabolism/ *LIPIDS, metabolism/ LIPOPROTEIN LIPASE, blood/ LIPOPROTEINS, metabolism/ LIVER, enzymology/ LIVER, metabolism/ PHOSPHOLIPIDS, metabolism/ PYRIDOXAL PHOSPHATE, metabolism/ PYRIDOXAMINE, metabolism/ *PYRIDOXINE, metabolism/ PYRIDOXINE, pharmacodynamics/ PYRIDOXINE, therapeutic use/ PYRIDOXINE DEFICIENCY, complications/ PYRIDOXINE DEFICIENCY, metabolism/ RABBITS/ RATS/ REVIEW

2415. **Frössler H, Brands T:** Bestrahlungsmethoden im Augenbereich. Roentgenpraxis 25:161-8, Jul 72 (Ger)
ADULT/ EYELID NEOPLASMS, radiotherapy/ *FACIAL NEOPLASMS, radiotherapy/ FEMALE/ HEMANGIOMA, radiotherapy/ HODGKIN'S DISEASE, radiotherapy/ HUMAN/ INFANT/ LENS, CRYSTALLINE/ MALE/ METHODS/ RADIATION PROTECTION/ RADIOISOTOPE TELETHERAPY/ RADIOTHERAPY DOSAGE/ RADIOTHERAPY, HIGH ENERGY

2416. **Frostell G, Nord CE, Söder PO:** A study on proteolytic oral microorganisms. Odontol Revy 24:27-38, 1973
BACTERIA, classification/ *BACTERIA, enzymology/ BIOLOGICAL ASSAY, instrumentation/ CASEIN/ CORYNEBACTERIUM, enzymology/ CULTURE MEDIA/ GELATIN/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ *MOUTH, microbiology/ *PEPTIDE HYDROLASES, metabolism/ PROTEUS VULGARIS, enzymology/ PSEUDOMONAS AERUGINOSA, enzymology/ *SALIVA, microbiology/ STREPTOCOCCUS, enzymology/ VISCOSITY

2417. **Fruchart JC, Sezille G, Jaillard J, et al:** Etude des variations, chez le Rat, en fonction de l'état nutritionel, de l'activité lipoprotéine-lipase du tissu adipeux et du myocarde.
C R Soc Biol (Paris) 166:68-70, 1972 (Fre)
*ADIPOSE TISSUE, enzymology/ ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ FASTING/ FATTY ACIDS, biosynthesis/ LIPID MOBILIZATION/ *LIPOPROTEIN LIPASE, metabolism/ *MYOCARDIUM, enzymology/ MYOCARDIUM, metabolism/ *NUTRITION/ RATS/ *STARVATION, enzymology/ TRIGLYCERIDES, metabolism

2418. **Fruhman GJ:** In vitro ingestion of zymosan particles by mast cells. J Reticuloendothel Soc 13:424-35, May 73
ANTICOAGULANTS, pharmacodynamics/ IN VITRO/ MALE/ MAST CELLS, drug effects/ *MAST CELLS, physiology/ *PERITONEUM, cytology/ *PHAGOCYTOSIS/ RATS/ TEMPERATURE/ TIME FACTORS/ *ZYMOSAN

2419. **Fruhmann G, Fritz H, Bergstermann H:** Obstruktive Bronchopneumopathie, Cor pulmonale und Gicht bei zwei Patienten mit homozygot ererbtem alpha1-Antitrypsinmangel.
Verh Dtsch Ges Inn Med 78:1635-7, 1972 (Ger)
ADULT/ BRONCHOPNEUMONIA, etiology/ GOUT, etiology/ HOMOZYGOTE/ HUMAN/ LUNG DISEASES, OBSTRUCTIVE, etiology/ MALE/ *METABOLISM, INBORN ERRORS, complications/ PULMONARY HEART DISEASE, etiology/ *TRYPSIN INHIBITORS, metabolism

2420. **Frydman RB, Tomaro ML, Frydman B:** Pyrrolooxygenase: its action on tryptophan-containing enzymes and peptides.
Biochim Biophys Acta 284:80-9, 19 Sep 72
ANIMAL EXPERIMENTS/ BROMINE/ CHEMISTRY/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ CHYMOTRYPSIN, antagonists & inhibitors/ INDOLES/ *LIVER, enzymology/ MICROSOMES, LIVER/ MURAMIDASE, antagonists & inhibitors/ NADP/ OXIDATION-REDUCTION/

*OXIDOREDUCTASES/ PAPAIN, antagonists & inhibitors/ PEPSIN, antagonists & inhibitors/ *PEPTIDES/ PLANTS, enzymology/ RATS/ SUCCINIMIDES/ SULFITES/ TRYPSIN INHIBITORS/ *TRYPTOPHAN

2421. **Frye FL:** Massive extracranial hematomas in two squirrel monkeys.
Vet Med Small Anim Clin 68:504-5, May 73
HEAD INJURIES, complications/ HEAD INJURIES, pathology/ *HEAD INJURIES, veterinary/ HEMATOMA, etiology/ HEMATOMA, radiography/ *HEMATOMA, veterinary/ *MONKEY DISEASES, radiography/ MONKEYS/ *SKULL, radiography

2422. **Fryklund L, Eaker D:** Complete amino acid sequence of a nonneurotoxic hemolytic protein from the venom of Haemachatus haemachates (African ringhals cobra).
Biochemistry 12:661-7, Feb 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ARGININE, analysis/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ GUANIDINES/ HEMOLYSIS/ HYDROLYSIS/ OXIDATION-REDUCTION/ *PROTEINS, analysis/ PROTEINS, isolation & purification/ SNAKES/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *VENOMS, analysis

2423. **Fryklund L, Eaker D, Karlsson E:** Amino acid sequences of the two principal neurotoxins of Enhydrina schistosa venom.
Biochemistry 11:4633-40, 21 Nov 72
ALKYLATION/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CARBON ISOTOPES/ CELLULOSE/ CHYMOTRYPSIN/ DISULFIDES, analysis/ ELECTROPHORESIS/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ IODOACETATES/ MALEATES/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PYRIDINES/ *SNAKES/ THIOCYANATES/ TRYPSIN/ *VENOMS, analysis/ VINYL COMPOUNDS

2424. **Fu ST, Ho KJ, Taylor CB, et al:** Cholesterol and acid mucopolysaccharides in hypercholesteremic rabbits.
Arch Pathol 94:466-70, Nov 72
ANIMAL EXPERIMENTS/ *AORTA, metabolism/ *ARTERIOSCLEROSIS, metabolism/ CHOLESTEROL, blood/ *CHOLESTEROL, metabolism/ CHONDROITIN, metabolism/ DIET, ATHEROGENIC/ FEMALE/ HEPARITIN SULFATE, metabolism/ HISTOCYTOCHEMISTRY/ HYALURONIC ACID, metabolism/ *HYPERCHOLESTEREMIA, metabolism/ *MUCOPOLYSACCHARIDES, metabolism/ RABBITS

2425. **Fuchs U:** Das innere Relief der normalen und der arteriosklerotischen Aorta im Rasterelektronenmikroskop.
Exp Pathol (Jena) 7:45-59, 1972 (Ger)
ANIMAL EXPERIMENTS/ AORTA, cytology/ *AORTA, pathology/ *ARTERIOSCLEROSIS, pathology/ CHOLESTEROL, DIETARY/ DIET, ATHEROGENIC/ DISEASE MODELS, ANIMAL/ ENGLISH ABSTRACT/ HISTOLOGICAL TECHNICS/ MICROSCOPY, ELECTRON/ *MICROSCOPY, ELECTRON, SCANNING/ RABBITS

2426. **Fuck E, Stärk G, Radler F:** Apfelsäurestoffwechsel bei Saccharomyces. II. Anreicherung und Eigenschaften eines Malatenzymes.
Arch Mikrobiol 89:223-31, 1973 (Ger)
AMMONIUM SULFATE/ CELL-FREE SYSTEM/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DECARBOXYLATION/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ HYDROGEN-ION CONCENTRATION/ *MALATE DEHYDROGENASE/ MALATE DEHYDROGENASE, isolation & purification/ *MALATES, metabolism/ MANGANESE/ NAD/ NADP/ OXALOACETATES/ PHOSPHOENOLPYRUVATE/ PROTAMINES/ SACCHAROMYCES CEREVISIAE, enzymology/ *SACCHAROMYCES CEREVISIAE, metabolism

2427. **Fujii S:** [Changes of blood viscosity under cardiopulmonary bypass]
Jap J Anesthesiol 21:1199-207, Nov 72 (Jap)
ADOLESCENCE/ ADULT/ *BLOOD VISCOSITY/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ *EXTRACORPOREAL CIRCULATION/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ OXYGEN, blood

2428. **Fujii S, Muramatsu M:** [Role of enzymes in inflammation]
Jap J Clin Pathol 21:1-10, Jan 73 (73 ref.) (Jap)
AMINES, metabolism/ ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY COMPLEX/ BLOOD PLATELETS, metabolism/ BLOOD VESSELS, immunology/ CAPILLARY PERMEABILITY/ COMPLEMENT/ FACTOR XII, physiology/ FIBRINOLYSIN, physiology/ HUMAN/ *INFLAMMATION, enzymology/ INFLAMMATION, immunology/ KALLIKREIN, physiology/ KININS, biosynthesis/ PEPTIDE HYDROLASES, metabolism/ PHAGOCYTOSIS/ RABBITS/ REVIEW/ VASCULAR DISEASES, immunology/ ZYMOSAN

2429. **Fujii T:** [Significance of vitamin E in anemia]
Jap J Clin Hematol 13:342-54, Jun 72 (100 ref.) (Jap)
ADULT/ *ANEMIA/ ANEMIA, drug therapy/ ANEMIA, etiology/ ANEMIA, HYPOCHROMIC, blood/ ANEMIA, NEONATAL, etiology/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ BLOOD PRESERVATION/ BONE MARROW, metabolism/ CHILD/ CHILD, PRESCHOOL/ HUMAN/ INFANT/ INFANT, NEWBORN/ INFANT, PREMATURE, DISEASES/ IRON, poisoning/ MICE/ MONKEYS/ RATS/ REVIEW/ *VITAMIN E/ VITAMIN E, blood/ VITAMIN E, pharmacodynamics/ VITAMIN E, therapeutic use/ VITAMIN E DEFICIENCY, complications

2430. **Fujikawa K, Legaz ME, Davie EW:** Bovine factor X 1 (Stuart factor). Mechanism of activation by protein from Russell's viper venom.
Biochemistry 11:4892-9, 19 Dec 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CARBOHYDRATES, analysis/ CATTLE/ ELECTROPHORESIS, DISK/ ENZYME ACTIVATION/ ENZYME PRECURSORS/ *FACTOR X/ FACTOR X, analysis/ FACTOR X, antagonists & inhibitors/ FLUORINE/ GEL FILTRATION/ GLYCOPEPTIDES/ ISOFLUROPHATE/ MOLECULAR WEIGHT/ PEPTIDE PEPTIDOHYDROLASES, blood/ PEPTIDES/ PEPTIDES, analysis/ PHOSPHORIC ACIDS/ PHOSPHORUS ISOTOPES/ *PROTEINS/ SERINE/ *SNAKES/ SULFONIC ACIDS/ TOSYL COMPOUNDS/ *VENOMS

2431. **Fujikawa K, Legaz ME, Davie EW:** Bovine factors X 1 and X 2 (Stuart factor). Isolation and characterization.
Biochemistry 11:4882-91, 19 Dec 72
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BARIUM SULFATE/ CARBOHYDRATES, analysis/ CATTLE/ CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ COMPUTERS, DIGITAL/ DEXTRAN/ DISULFIDES, analysis/ ELECTROPHORESIS, DISK/ ENZYME ACTIVATION/ ENZYME PRECURSORS, isolation & purification/ FACTOR X, analysis/ *FACTOR X, isolation & purification/ GALACTOSE, analysis/ GEL DIFFUSION TESTS/ GLUCOSAMINE, analysis/ HEXOSAMINES, analysis/ IMMUNOELECTROPHORESIS/ MACROMOLECULAR SYSTEMS/ MANNOSE, analysis/ MOLECULAR WEIGHT/ NEURAMINIC ACIDS, analysis/ PEPTIDES, analysis/ *PEPTIDES, isolation & purification/ RABBITS, immunology/ ULTRACENTRIFUGATION

2432. **Fujimaki M, Ikematsu S, Takeuchi I:** [Detection of fibrinogen and fibrin degradation products (FDP) and its clinical significance]
Jap J Clin Med 31:798-804, Apr 73 (45 ref.) (Jap)
AGGLUTINATION TESTS/ BLOOD

COAGULATION TESTS/ FIBRIN, analysis/ *FIBRIN, metabolism/ FIBRINOGEN, analysis/ *FIBRINOGEN, metabolism/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS/ LATEX FIXATION TESTS/ METHODS/ PROTAMINES/ REVIEW/ STAPHYLOCOCCUS, immunology/ SULFATES/ THROMBIN/ THROMBOSIS, diagnosis

2433. **Fujimaki M, Ikematsu S, Kato M:** [Fibrinogen and fibrin degradation products]
Jap J Clin Pathol 21:31-6, Jan 73 (42 ref.) (Jap)
ALCOHOL, ETHYL/ ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ ANTITHROMBIN/ BLOOD SEDIMENTATION/ CROSS REACTIONS/ ELECTROPHORESIS/ *FIBRIN, metabolism/ FIBRINOGEN/ *FIBRINOGEN, metabolism/ FIBRINOLYSIN/ HUMAN/ IMMUNE SERUMS/ PLATELET ADHESIVENESS/ POLYMERS/ PRECIPITATION/ PROTAMINES/ RABBITS, immunology/ REVIEW/ STAPHYLOCOCCUS/ SULFATES/ THROMBIN

2434. **Fujimaki M, Mikami T, Mikami K, et al:** [Studies on FDP fragments and paracoagulation]
Acta Haematol Jap 35:617-27, Oct 72 (Jap)
*BLOOD COAGULATION/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ *FIBRIN, metabolism/ *FIBRINOGEN, metabolism/ GEL FILTRATION/ HUMAN/ IMMUNOELECTROPHORESIS

2435. **Fujita M, Parsons DS, Wojnarowska F:** Oligopeptidases of brush border membranes of rat small intestinal mucosal cells. J Physiol (Lond) 227:377-94, Dec 72
ALKALINE PHOSPHATASE, analysis/ AMINO ACIDS, analysis/ AMINO ACIDS, metabolism/ AMINOACID OXIDOREDUCTASES, metabolism/ ANIMAL EXPERIMENTS/ DIPEPTIDES, metabolism/ EDTA, pharmacodynamics/ EPITHELIUM, enzymology/ FEMALE/ GLYCOSIDE HYDROLASES, analysis/ HYDROGEN-ION CONCENTRATION/ INSULIN, metabolism/ *INTESTINAL MUCOSA, enzymology/ INTESTINE, SMALL, enzymology/ KINETICS/ MALE/ METHODS/ OLIGOPEPTIDES, metabolism/ *PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PROTEIN BINDING/ RATS/ SERUM ALBUMIN, metabolism/ SPECTROPHOTOMETRY

2436. **Fukada E, Kaibara M:** The dynamic rigidity of fibrin gels. Biorheology 10:129-38, Jun 73
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ BLOOD VISCOSITY/ CATTLE/ *FIBRIN/ GELS/ IN VITRO/ KINETICS/ *RHEOLOGY/ TEMPERATURE

2437. **Fukui Y, Salton MR:** Common peptides in Micrococcus lysodeikticus membrane proteins.
Biochim Biophys Acta 288:65-72, 23 Oct 72
ADENOSINE TRIPHOSPHATASE, analysis/ ADENOSINE TRIPHOSPHATASE, isolation & purification/ AMINO ACIDS, analysis/ *BACTERIAL PROTEINS, analysis/ CARBON ISOTOPES/ *CELL MEMBRANE, analysis/ CELL MEMBRANE, enzymology/ CHROMATOGRAPHY, THIN LAYER/ EDTA/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ *MICROCOCCUS, analysis/ MOLECULAR WEIGHT/ *PEPTIDES, analysis/ PROTEIN DENATURATION/ TRYPSIN/ ULTRACENTRIFUGATION/ VIBRATION

2438. **Fukunishi R, Watanabe K:** [Natural carcinogens: hepatic disorders in the rat caused by cycasin, with special reference to the induction of hepatic tumors]
Jap J Clin Med 30:931-4, Apr 72 (Jap)
ALCOHOL, METHYL/ ANIMAL EXPERIMENTS/ *AZO COMPOUNDS/ *CARCINOGENS/ FEMALE/ GLUCOSE/ *GLYCOSIDES/ HEMANGIOENDOTHELIOMA, chemically induced/ HEPATOMA, chemically induced/ *LIVER NEOPLASMS, chemically induced/ LIVER NEOPLASMS, pathology/ MALE/ MICROSCOPY, ELECTRON/ NEOPLASMS, EXPERIMENTAL, chemically induced/ RATS

2439. **Fukutake K, Yagata H, Noma H:** [Fibrinolysis in relation to tooth extraction during menstruation and the remainder of the cycle]
Shikwa Gakuho 73:157-62, Jan 73 (Jap)
ENGLISH ABSTRACT/ FIBRINOLYSIS/ HEMORRHAGE, ORAL/ MENSTRUATION/ SPECIAL LIST DENTAL/ TOOTH EXTRACTION

2440. **Fulelhan FJ:** Alpha 1 -antitrypsin deficiency and emphysema. J Med Liban 26:87-8, 1973
HUMAN/ *METABOLISM, INBORN ERRORS, complications/ PULMONARY EMPHYSEMA, enzymology/ *PULMONARY EMPHYSEMA, etiology/ PULMONARY EMPHYSEMA, familial & genetic/ *TRYPSIN INHIBITORS

2441. **Fuller T, Olsen N, Block A, et al:** Wegener's granulomatosis. Treatment with heparin in addition to azathioprine and corticosteroids.
Nephron 9:225-34, 1972
*AZATHIOPRINE, therapeutic use/ BIOPSY/ CASE REPORT/ *HEPARIN, therapeutic use/ HUMAN/ KIDNEY, pathology/ KIDNEY, physiopathology/ KIDNEY FAILURE, ACUTE, etiology/ LUNG, radiography/ MALE/ *METHYLPREDNISOLONE, therapeutic use/ MIDDLE AGE/ RESPIRATORY FUNCTION TESTS/ RESPIRATORY INSUFFICIENCY, etiology/ WEGENER'S GRANULOMATOSIS, diagnosis/ *WEGENER'S GRANULOMATOSIS, drug therapy/ WEGENER'S GRANULOMATOSIS, pathology/ WEGENER'S GRANULOMATOSIS, physiopathology/ WEGENER'S GRANULOMATOSIS, radiography

2442. **Fullmer CS, Wasserman RH:** Bovine intestinal calcium-binding proteins. Purification and some properties. Biochim Biophys Acta 317:172-86, 12 Jul 73
AMMONIUM SULFATE/ ANIMAL EXPERIMENTS/ BINDING SITES/ *CALCIUM/ CALCIUM ISOTOPES/ CATTLE/ COLD/ DRUG STABILITY/ DUODENUM, analysis/ ELECTROPHORESIS, DISK/ GEL DIFFUSION TESTS/ GEL FILTRATION/ IMMUNOELECTROPHORESIS/ INTESTINAL MUCOSA, analysis/ *INTESTINE, SMALL, analysis/ JEJUNUM, analysis/ KIDNEY, analysis/ METHODS/ MOLECULAR WEIGHT/ PRONASE/ PROTEIN BINDING/ *PROTEINS, isolation & purification/ RABBITS, immunology/ TIME FACTORS/ TRYPSIN

2443. **Fulp M, McGlamry ED:** New enzyme aids phenol technique in nail surgery.
J Am Podiatry Assoc 62:395-8, Oct 72
HUMAN/ METHODS/ NAILS, INGROWN, drug therapy/ *NAILS, INGROWN, surgery/ *PEPTIDE HYDROLASES, therapeutic use/ PHARMACEUTIC AIDS/ PHENOLS/ POSTOPERATIVE CARE/ TOES

2444. **Fulwiler RD, Abbott JC, Darcy FJ:** Evaluation of detergent enzymes in air.
Am Ind Hyg Assoc J 33:231-6, Apr 72
*AIR POLLUTION, analysis/ CASEIN/ COLORIMETRY/ COMPUTERS, DIGITAL/ *DETERGENTS/ DUST, analysis/ ENVIRONMENTAL EXPOSURE/ INDICATORS AND REAGENTS/ *INDUSTRIAL MEDICINE/ MAXIMUM PERMISSIBLE EXPOSURE LEVEL/ METHANE/ NITROBENZENES/ *PEPTIDE HYDROLASES, analysis/ SULFONIC ACIDS

2445. **Fumarola D, Marcuccio L, Restuccia P, et al:** Influenza della coagulasi stafilococcica sulla insorgenza e sull sviluppo del reticolosarcoma IRE solido del ratto
Pathologica 63:215-8, Sep-Oct 71 (Ita
ANIMAL EXPERIMENTS/ *COAGULASE, pharmacodynamics/ ENGLISH ABSTRACT/ NEOPLASM TRANSPLANTATION/ *NEOPLASMS, EXPERIMENTAL/ RATS/ *SARCOMA, RETICULUM CELL

2446. **Fumarola D, Semeraro N:** Sui rapporti dello stafilococco con la emocagulazione. Basi biologiche e

applicazioni pratiche.
G Batteriol Virol Immunol 65:144-51, May-Aug 72 (Ita)
ANTICOAGULANTS/ *BLOOD COAGULATION/ CITRATES/ COAGULASE, metabolism/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ HEPARIN/ PLATELET ADHESIVENESS/ REVIEW/ *STAPHYLOCOCCUS/ STAPHYLOCOCCUS, enzymology

2447. **Funatsu G, Wittmann HG:** Ribosomal proteins. 33. Location of amino-acid replacements in protein S12 isolated from Escherichia coli mutants resistant to streptomycin. J Mol Biol 68:547-50, 28 Jul 72
ALLELES/ *AMINO ACIDS, analysis/ *BACTERIAL PROTEINS/ *DRUG RESISTANCE, MICROBIAL/ *ESCHERICHIA COLI, analysis/ GENETIC CODE/ LYSINE/ MUTATION/ PEPTIDES, analysis/ RIBOSOMES, analysis/ *STREPTOMYCIN, pharmacodynamics/ TRYPSIN

2448. **Fung DY, Hartman PA:** Rapid characterization of bacteria, with emphasis on Staphylococcus aureus. Can J Microbiol 18:1623-7, Nov 72
*BACTERIA, classification/ *BACTERIOLOGICAL TECHNICS/ BACTERIOLOGICAL TECHNICS, instrumentation/ COAGULASE, biosynthesis/ ENTEROTOXINS, biosynthesis/ EVALUATION STUDIES/ FOOD MICROBIOLOGY/ HUMAN/ MEAT/ METHODS/ MINIATURIZATION/ STAPHYLOCOCCAL FOOD POISONING, microbiology/ *STAPHYLOCOCCUS, classification/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, growth & development/ STAPHYLOCOCCUS, isolation & purification/ STAPHYLOCOCCUS, metabolism/ TURKEYS

2449. **Fung WP, Tan KK, Tye CY:** Chronic hepatitis--clinicopathological differentiation between active chronic hepatitis and recurrent or persistent (viral) hepatitis.
Singapore Med J 13:216-23, Oct 72 (26 ref.)
ACUTE DISEASE/ BLOOD CELL COUNT/ BLOOD PROTEINS, analysis/ CHRONIC DISEASE/ DIAGNOSIS, DIFFERENTIAL/ HEPATITIS, blood/ HEPATITIS, classification/ *HEPATITIS, diagnosis/ HEPATITIS, pathology/ *HEPATITIS, INFECTIOUS, diagnosis/ HEPATITIS, INFECTIOUS, pathology/ HUMAN/ JAUNDICE, OBSTRUCTIVE, diagnosis/ LIVER, pathology/ LIVER CIRRHOSIS, diagnosis/ LIVER FUNCTION TESTS/ PROTHROMBIN TIME/ REVIEW

2450. **Furie B, Eastlake A, Schechter AN, et al:** The interaction of the lanthanide ions with staphylococcal nuclease. J Biol Chem 248:2821-5, 25 Aug 73
BINDING, COMPETITIVE/ BINDING SITES/ CALCIUM/ CHLORIDES/ *DEOXYRIBONUCLEASE/ DEOXYRIBONUCLEASE, antagonists & inhibitors/ DEXTRAN/ DRUG STABILITY/ DYSPROSIUM/ GADOLINIUM/ KINETICS/ LANTHANUM/ LIGANDS/ MATHEMATICS/ *METALS/ NEODYMIUM/ NUCLEOSIDE DIPHOSPHATE SUGARS/ PRASEODYMIUM/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *STAPHYLOCOCCUS, enzymology/ THYMIDINE/ TRYPSIN/ TYROSINE/ YTTERBIUM

2451. **Furlan M, Beck EA:** Plasmic degradation of human fibrinogen. II. Further characterization of fragment D. Biochim Biophys Acta 310:205-16, 17 May 73
AMINO ACIDS, analysis/ AUTOANALYSIS/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FIBRINOGEN, analysis/ *FIBRINOGEN, metabolism/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HEAT/ HUMAN/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ MERCAPTOETHANOL/ MOLECULAR WEIGHT/ *PEPTIDES, analysis/ PLASMINOGEN, metabolism/ SPECTROPHOTOMETRY, ULTRAVIOLET

2452. **Furneaux RW, Boysen BG, Mero KN:** Complications of ovariohysterectomies. Can Vet J 14:98-9, Apr 73
ADHESIONS, etiology/ ADHESIONS, veterinary/ ANIMAL EXPERIMENTS/ CASTRATION, adverse effects/ CASTRATION, veterinary/ CATS/ DOGS/ FEMALE/ *HYSTERECTOMY, veterinary/ *POSTOPERATIVE COMPLICATIONS, veterinary

2453. **Fürstenberg HS, Fürstenberg C, Bussmann JF, et al:** Zur Frage der Plättchenfunktion nach operativen Eingriffen am Magen-Dar-Trakt.
Fortschr Med 90:557, 11 May 72 (Ger)
BLOOD CELL COUNT/ BLOOD COAGULATION/ *BLOOD PLATELETS/ *GASTROINTESTINAL SYSTEM, surgery/ HUMAN/ PLATELET ADHESIVENESS/ *POSTOPERATIVE COMPLICATIONS, blood/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOEMBOLISM, blood/ THROMBOEMBOLISM, prevention & control

2454. **Fürstenberg HS, Strauch M, Keller CA, et al:** Beeinflussung der urämisch bedingten Thrombozytopathie durch Hämo- und Peritonealdialyse. Fortschr Med 91:13, 11 Jan 73 (Ger)
BLOOD PLATELET DISORDERS, etiology/ *BLOOD PLATELET DISORDERS, therapy/ *HEMODIALYSIS/ HUMAN/ METHODS/ *PERITONEAL DIALYSIS/ UREMIA, complications/ *UREMIA, therapy

2455. **Furuta Y, Hashimoto K, Iwatsuki K, et al:** Effects of enzyme inhibitors of catecholamine metabolism and of haloperidol on the pancreatic secretion induced by L-DOPA and by dopamine in dogs.
Br J Pharmacol 47:77-84, Jan 73
ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ CATECHOLAMINES, antagonists & inhibitors/ CATECHOLAMINES, metabolism/ DOGS/ *DOPA, pharmacodynamics/ *DOPA DECARBOXYLASE, antagonists & inhibitors/ DOPAMINE, antagonists & inhibitors/ *DOPAMINE, pharmacodynamics/ *DOPAMINE BETA HYDROXYLASE, antagonists & inhibitors/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG ANTAGONISM/ DRUG INTERACTIONS/ FUSIDIC ACID, pharmacodynamics/ HALOPERIDOL, antagonists & inhibitors/ *HALOPERIDOL, pharmacodynamics/ HEPARIN, pharmacodynamics/ *MONOAMINE OXIDASE INHIBITORS, pharmacodynamics/ NIALAMIDE, pharmacodynamics/ *PANCREAS, secretion/ PANCREATIC JUICE, secretion/ PHENTOLAMINE, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ SERYLTRIHYDROXY BENZYLHYDRAZINE, pharmacodynamics

2456. **Furuta Y, Iwatsuki K, Takeuchi O, et al:** Secretin-like activity of dopamine on canine pancreatic secretion.
Tohoku J Exp Med 108:353-60, Dec 72
AMYLASE, analysis/ ANIMAL EXPERIMENTS/ BICARBONATES, analysis/ CHLORIDES, analysis/ DOGS/ DOPAMINE, administration & dosage/ *DOPAMINE, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG, isolation & purification/ FEMALE/ LIPASE, analysis/ MALE/ PANCREAS, drug effects/ PANCREATIC JUICE, analysis/ PANCREATIC JUICE, enzymology/ *PANCREATIC JUICE, secretion/ PROTEINS, analysis/ SECRETIN, administration & dosage/ *SECRETIN, pharmacodynamics/ SECRETORY RATE, drug effects/ TRYPSIN, analysis

2457. **Fuster V, Kazmier FJ, Cash JD, et al:** Assay of platelet factor 4 in plasma. Mayo Clin Proc 48:103-6, Feb 73
*BLOOD COAGULATION FACTORS, isolation & purification/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS/ BLOOD PROTEINS/ HEPARIN/ *HEPARIN ANTAGONISTS, blood/ HUMAN/ METHODS/ PLASMA/ THROMBIN

2458. **Futai M, Okabayashi K, Mizuno D:** Electron microscopic studies on the outer layers of

Staphylococcus aureus using a lytic enzyme from Falvobacterium. Jap J Microbiol 16:341-50, Sep 72
CELL MEMBRANE/ CELL WALL/ *FLAVOBACTERIUM, enzymology/ MICROSCOPY, ELECTRON/ OSMOTIC FRAGILITY/ *PEPTIDE HYDROLASES, pharmacodynamics/ *STAPHYLOCOCCUS, cytology/ STAPHYLOCOCCUS, drug effects

2459. **Futrakul P, Watana D, Sukonthamarn A, et al:** Studies on serum 1 C in Thai children and fibrin degradation product associated with acute poststreptococcal.
J Med Assoc Thai 55:689-94, Dec 72
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ *COMPLEMENT/ FEMALE/ *FIBRIN/ FLUORESCENT ANTIBODY TECHNIC/ *GLOMERULONEPHRITIS, etiology/ GLOMERULONEPHRITIS, immunology/ HUMAN/ MALE/ *STREPTOCOCCAL INFECTIONS, complications

G

2460. **Gabbiani G, Ryan GB, Lamelin JP, et al:** Human smooth muscle autoantibody. Its identification as antiactin antibody and a study of its binding to "nonmuscular" cells. Am J Pathol 72:473-88, Sep 73
ABSORPTION/ *ACTIN/ ANTINUCLEAR FACTORS/ *AUTOANTIBODIES/ *BINDING SITES, ANTIBODY/ BLOOD PLATELETS, immunology/ BLOOD PROTEINS/ GOATS, immunology/ HUMAN/ IGG/ KIDNEY CORTEX, immunology/ LIVER, immunology/ MICROSOMES, immunology/ MITOCHONDRIA, immunology/ *MUSCLE, SMOOTH, immunology/ MUSCLES, immunology/ RABBITS/ RATS/ STAINS AND STAINING/ STOMACH, cytology/ STOMACH, immunology/ THYROGLOBULIN/ THYROID GLAND, immunology

2461. **Gabbiani G, Ryan GB, Badonnel MC, et al:** Smooth muscle antigens in platelets: immunofluorescent detection using human anti-smooth muscle serum.
Pathol Biol (Paris) Suppl:6-10, Dec 72
ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ *ANTIGENS, analysis/ AUTOANTIBODIES, analysis/ *BLOOD PLATELETS, immunology/ FLUORESCENT ANTIBODY TECHNIC/ HEPATITIS, immunology/ HUMAN/ MALE/ *MUSCLE, SMOOTH, immunology/ RATS

2462. **Gabel D:** The denaturation by urea and guanidinium chloride of trypsin and N-acetylated-trypsin derivatives bound to Sephadex and agarose.
Eur J Biochem 33:348-56, 1 Mar 73
ACETYLATION/ BINDING SITES/ CATTLE/ CHLORIDES/ CHROMATOGRAPHY, AFFINITY/ CYANOGEN BROMIDE/ DEXTRAN/ FLUORESCENCE SPECTROMETRY/ *GUANIDINES/ POLYSACCHARIDES/ PROTEIN BINDING/ PROTEIN CONFORMATION, drug effects/ *PROTEIN DENATURATION/ *TRYPSIN/ TRYPSIN INHIBITORS/ *UREA

2463. **Gabel D, Kasche V:** Cooperative transitions between active -and -trypsin conformations.
Biochem Biophys Res Commun 48:1011-8, 21 Aug 72
ANIMAL EXPERIMENTS/ AUTOLYSIS/ CATALYSIS/ CATTLE/ CHEMISTRY/ CHROMATOGRAPHY, AFFINITY/ ENZYME ACTIVATION/ HYDROLYSIS/ PROTEIN CONFORMATION/ TEMPERATURE/ TRYPSIN/ TRYPSIN INHIBITORS

2464. **Gabridge MG, Murphy WH:** Toxic membrane fractions from Mycoplasma fermentans.
Infect Immun 4:678-82, Dec 71
ANIMAL EXPERIMENTS/ BACTERIAL PROTEINS, analysis/ *CELL MEMBRANE, analysis/ CENTRIFUGATION/ DRUG STABILITY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ LIPASE/ LIPIDS, analysis/ MICE/ MICE, INBRED BALB C/ *MYCOPLASMA, pathogenicity/ PRONASE/ SPECTROPHOTOMETRY/ SUBCELLULAR FRACTIONS/ TRYPSIN

2465. **Gabrielle CL, Theoleyre J:** Hépatectomies pour lésion traumatique grave du foie.
Lyon Chir 68:164-6, May-Jun 72 (Fre)
ACCIDENTS, TRAFFIC/ ADULT/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HEMORRHAGE, surgery/ HEMOSTASIS/ *HEPATECTOMY/ HUMAN/ LIGATION/ *LIVER, injuries/ MALE/ METHODS/ NECROSIS/ POSTOPERATIVE COMPLICATIONS/ PROGNOSIS

2466. **Gabryelewicz A:** Zaburzenia krzepnięcia i fibrynolizy w ostrym zapaleniu trzustki.
Acta Haematol Pol 2:319-25, Oct-Dec 71 (Pol)
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION DISORDERS/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DOGS/ ENGLISH ABSTRACT/ FIBRINOLYSIN/ FIBRINOLYSIS/ HEPARIN, therapeutic use/ *PANCREATITIS, blood/ PANCREATITIS, complications/ PANCREATITIS, drug therapy/ PLASMINOGEN/ SERUM GLOBULINS

2467. **Gabryelewicz A, Worowski K, Prokopowicz J, et al:** Thromboplastic, fibrinolytic and antiheparin activity of pancreatic tissue in acute experimental pancreatitis. Bull Acad Pol Sci [Biol] 20:691-4, 1972
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ DOGS/ *FIBRINOLYSIN, metabolism/ *HEPARIN ANTAGONISTS, metabolism/ *PANCREAS, metabolism/ PANCREATITIS, chemically induced/ *PANCREATITIS, metabolism

2468. **Gabutti V, Nicola P, Patrucco G, et al:** Azione del siero di cordone ombelicale sull'attività proliferativa degli eritroblasti in culture di midollo osseo a breve termine.
Minerva Pediatr 25:85-90, 4 Feb 73 (Ita)
AUTORADIOGRAPHY/ *BLOOD/ *BONE MARROW CELLS/ BONE MARROW CELLS, metabolism/ CELL DIVISION/ CELLS, CULTURED/ CULTURE MEDIA/ ENGLISH ABSTRACT/ *ERYTHROPOIESIS/ ERYTHROPOIETIN/ HUMAN/ INFANT/ INFANT, NEWBORN/ THROMBOPENIA, blood/ THYMIDINE, metabolism/ TRITIUM/ *UMBILICAL CORD

2469. **Gacyk W, Lipinski J, Pętlak O, et al:** Jamiste naczyniaki mięśni prążkowanych.
Pol Przegl Chir 44:1351-6, Aug 72 (Pol)
ADOLESCENCE/ ADULT/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HEMANGIOMA, CAVERNOUS, diagnosis/ *HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ MALE/ *NEOPLASMS, MUSCLE TISSUE

2470. **Gaffield W, Tomimatsu Y, Olson AC, et al:** Activation of glutaraldehyde-crosslinked chymotrypsinogen-A Enzymatic activity and circular dichroism studies
Arch Biochem Biophys 152:405-14, Aug 73
*ALDEHYDES/ AMINO ACIDS, analysis/ AUTOANALYSIS/ CHYMOTRYPSINOGEN, analysis/ *CHYMOTRYPSINOGEN, metabolism/ CIRCULAR DICHROISM/ DRUG STABILITY/ ENZYME ACTIVATION/ GLUTARALDEHYDE/ KINETICS/ MOLECULAR WEIGHT/ PROTEIN CONFORMATION/ SCATTERING/ SOLUBILITY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TEMPERATURE/ TIME FACTORS/ TRYPSIN

2471. **Gaffney PJ:** Fibrinogen and FDP-models of molecula pathology? Br J Haematol 25:271-2, Aug 73
*BLOOD COAGULATION DISORDERS, familial & genetic/ FACTOR XIII, metabolism/ *FIBRINOGEN, metabolism/ FIBRINOLYSIN, metabolism/ HEMORRHAGE/ HUMAN/ *MODELS, BIOLOGICAL/ THROMBIN, metabolism

2472. **Gaffney PJ:** The fate of the factor-13-mediated fibri crosslinks during clot lysis.
Br J Haematol 25:277, Aug 73
ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FACTOR XIII, metabolism/ *FIBRIN,

metabolism/ FIBRINOLYSIN, metabolism/ *FIBRINOLYSIS

2473. Gaffney PJ: F.D.P. Lancet 2:1422, 30 Dec 72
*FIBRIN, analysis/ *FIBRINOGEN, analysis/ HUMAN/ MOLECULAR WEIGHT

2474. Gaffney PJ, Brasher M: Subunit structure of the plasmin-induced degradation products of crosslinked fibrin. Biochim Biophys Acta 295:308-13, 25 Jan 73
CALCIUM/ CHEMISTRY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FACTOR XIII/ *FIBRIN/ FIBRINOGEN, analysis/ *FIBRINOLYSIN/ HUMAN/ IMMUNOELECTROPHORESIS/ MACROMOLECULAR SYSTEMS/ MERCAPTOETHANOL/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ *PEPTIDES/ PEPTIDES, analysis/ SODIUM DODECYL SULFATE

2475. Gahlaut DS, Sikka KK, Nath K, et al: Fibrinolytic activity in experimental myocardial infarction.
J Assoc Physicians India 20:621-3, Sep 72
ANGINA PECTORIS, blood/ ANIMAL EXPERIMENTS/ ARTERIOSCLEROSIS, etiology/ CORONARY VESSELS, injuries/ DOGS/ *FIBRINOLYSIS/ LIGATION/ *MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, etiology

2476. Gahmberg CG, Simons K, Renkonen O, et al: Exposure of proteins and lipids in the Semliki forest virus membrane. Virology 50:259-62, Oct 72
AUTORADIOGRAPHY/ CHROMATOGRAPHY, THIN LAYER/ CHYMOTRYPSIN/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ LIPIDS, analysis/ *LIPIDS, isolation & purification/ NUCLEOPROTEINS, analysis/ PEPTIDES, analysis/ PHENYLALANINE, analysis/ PHOSPHOLIPIDS, analysis/ PHOSPHOLIPIDS, isolation & purification/ *SEMLIKI FOREST VIRUS, analysis/ SEMLIKI FOREST VIRUS, drug effects/ SODIUM DODECYL SULFATE/ SULFONES, pharmacodynamics/ SULFUR ISOTOPES/ SURFACE-ACTIVE AGENTS, pharmacodynamics/ TRITIUM/ TRYPSIN/ VIRAL PROTEINS, analysis/ VIRAL PROTEINS, isolation & purification

2477. Gahmberg CT, Hakomori SI: External labeling of cell surface galactose and galactosamine in glycolipid and glycoprotein of human erythrocytes.
J Biol Chem 248:4311-7, 25 Jun 73
AGE FACTORS/ ALCOHOL OXIDOREDUCTASES, pharmacodynamics/ AUTORADIOGRAPHY/ BOROHYDRIDES, pharmacodynamics/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, metabolism/ CEREBROSIDES, metabolism/ DEUTEROMYCETES, enzymology/ ERYTHROCYTES, drug effects/ *ERYTHROCYTES, metabolism/ FEMALE/ FETUS/ *GALACTOSAMINE, blood/ *GALACTOSE, blood/ *GLYCOLIPIDS, blood/ *GLYCOPROTEINS, blood/ HUMAN/ ISOTOPE LABELING/ MOLECULAR WEIGHT/ NEURAMINIDASE, pharmacodynamics/ OXIDATION-REDUCTION/ PREGNANCY/ PRONASE, pharmacodynamics/ TRITIUM/ TRYPSIN, pharmacodynamics

2478. Gaianova MN: Vliianie gipotiazida i al'daktona na svertyvaiushchuiu i protivosvertyvaiushchuiu sistemu krovi. Kardiologiia 13:114-7, May 73 (Rus)
ADULT/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ DIAZOXIDE, pharmacodynamics/ *DIAZOXIDE, therapeutic use/ FIBRINOLYSIS, drug effects/ HEPARIN, analysis/ HUMAN/ HYPERTENSION, drug therapy/ MIDDLE AGE/ PROTHROMBIN, analysis/ *SPIRONOLACTONE, pharmacodynamics/ SPIRONOLACTONE, therapeutic use/ THROMBELASTOGRAPHY/ TIME FACTORS

2479. Gaillard J, Martinel C, Berthoumieu F, et al: Vraies et fausses tumeurs primitives de la paroi thoracique (a propos de 24 observations.
Poumon Coeur 28:513-4 passim, Sep 72 (Fre)
ADOLESCENCE/ ADULT/ AGED/ BONE DISEASES, diagnosis/ BONE NEOPLASMS, diagnosis/ CHILD/ CHONDROMA, diagnosis/ CHONDROSARCOMA, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HEMANGIOMA, CAVERNOUS, diagnosis/ HUMAN/ LIPOSARCOMA, diagnosis/ MALE/ MIDDLE AGE/ MULTIPLE MYELOMA, diagnosis/ NEOPLASMS, CONNECTIVE TISSUE, diagnosis/ NEOPLASMS, NERVOUS TISSUE, diagnosis/ NEURILEMMOMA, diagnosis/ RIBS/ SARCOMA, diagnosis/ SARCOMA, EWING'S, diagnosis/ SARCOMA, OSTEOGENIC, diagnosis/ *THORACIC NEOPLASMS, diagnosis

2480. Gaillard de Collogny L, Delage J, Fouck-Cussac Y, et al: Hémangiome de l'oesophage.
J Fr Otorhinolaryngol 22:272-4, Mar 73 (Fre)
AGED/ CASE REPORT/ DEGLUTITION DISORDERS, etiology/ *ESOPHAGEAL NEOPLASMS/ ESOPHAGEAL NEOPLASMS, complications/ ESOPHAGEAL NEOPLASMS, diagnosis/ ESOPHAGEAL NEOPLASMS, etiology/ ESOPHAGEAL NEOPLASMS, pathology/ FEMALE/ *HEMANGIOMA/ HEMANGIOMA, complications/ HEMANGIOMA, diagnosis/ HEMANGIOMA, etiology/ HEMANGIOMA, pathology/ HUMAN/ SEX FACTORS

2481. Gaither TA, Frank MM: Studies of complement-mediated membrane damage: the influence of erythrocyte storage on susceptibility to cytolysis. J Immunol 110:482-9, Feb 73
ANIMAL EXPERIMENTS/ *BLOOD PRESERVATION/ *CELL MEMBRANE, immunology/ *COMPLEMENT/ COMPLEMENT, analysis/ COMPLEMENT, metabolism/ COMPLEMENT FIXATION TESTS/ ERYTHROCYTE AGING/ *ERYTHROCYTES, immunology/ GENOTYPE/ GUINEA PIGS, immunology/ HEMOLYSINS, analysis/ *HEMOLYSIS/ IGG, analysis/ IGM, analysis/ IMMUNE SERUMS/ OSMOTIC FRAGILITY/ RABBITS, immunology/ RADIOISOTOPES/ SHEEP

2482. Gajdos A: Fibrinogène. Hypo--et dysfibrinogénémies héréditaires.
Nouv Presse Med 2:1067-71, Apr 73 (30 ref.) (Fre)
AFIBRINOGENEMIA, congenital/ *BLOOD COAGULATION DISORDERS, congenital/ BLOOD COAGULATION TESTS/ BLOOD PROTEIN ELECTROPHORESIS/ FIBRIN, metabolism/ *FIBRINOGEN/ FIBRINOGEN, biosynthesis/ FIBRINOGEN, metabolism/ FIBRINOLYSIN, physiology/ GLYCOPROTEINS/ HUMAN/ HYDROLYSIS/ MICROSCOPY, ELECTRON/ MOLECULAR CONFORMATION/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES/ REVIEW/ SNAKES/ THROMBIN, physiology/ VENOMS

2483. Gajkowski K, Domżalowa B, Mastalerski J: Zespół Hippel Lindaua z glejakiem stożka rdzeniowego.
Neurol Neurochir Pol 7:443-7, May-Jun 73 (Pol)
ADULT/ ANGIOMATOSIS, complications/ *ANGIOMATOSIS, complications/ CEREBRAL ANGIOGRAPHY/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ FUNDUS OCULI/ *GLIOMA, complications/ HEMANGIOMA, complications/ HUMAN/ *LUMBAR VERTEBRAE/ MALE/ MYELOGRAPHY/ *SPINAL CORD NEOPLASMS, complications/ *THORACIC VERTEBRAE

2484. Galabov A, Savov Z, Vassileva V: Interferon production in arbovirus-infected cell cultures of tortoise (Testudo graeca) kidney.
Acta Virol (Praha) 17:1-10, Jan 73
CELL LINE/ CYTOPATHOGENIC EFFECT, VIRAL/ DEOXYRIBONUCLEASE/ DRUG STABILITY/ HUMAN/ INTERFERON, analysis/ INTERFERON, antagonists & inhibitors/ *INTERFERON, biosynthesis/ INTERFERON, pharmacodynamics/ KIDNEY/ L CELLS/ NEWCASTLE DISEASE VIRUS/ PLAQUE ASSAY/ RIBONUCLEASE/ *SEMLIKI FOREST

VIRUS, growth & development/ TEMPERATURE/ TIME FACTORS/ TRYPSIN/ TURTLES/ VESICULAR STOMATITIS VIRUS/ *WEST NILE VIRUS, growth & development

2485. **Galanova TF, Varets'ka TV:** Vplyv fibrynohenu, frahmentiv ioho molekuly ta ioniv kal'tsiiu na polimeryzatsiiu fibrynu.
Ukr Biokhim Zh 43:547-53, Sep-Oct 71 (Ukr)
*CALCIUM, pharmacodynamics/ ENGLISH ABSTRACT/ *FIBRIN/ *FIBRINOGEN, pharmacodynamics/ GELS/ *POLYMERS

2486. **Galbraith NF, Urschel HC Jr, Wood RE, et al:** Fracture of first rib associated with laceration of subclavian artery. Report of a case and review of the literature.
J Thorac Cardiovasc Surg 65:649-52, Apr 73
ACCIDENTS, TRAFFIC/ ADOLESCENCE/ CASE REPORT/ HEMATOMA, etiology/ HUMAN/ MALE/ *PNEUMOTHORAX, etiology/ POSTOPERATIVE COMPLICATIONS/ *RIB FRACTURES, complications/ RIB FRACTURES, radiography/ RIB FRACTURES, surgery/ *SUBCLAVIAN ARTERY, injuries/ SUBCLAVIAN ARTERY, surgery/ SURGICAL WOUND INFECTION

2487. **Galbraith SL:** Age-distribution of extradural haemorrhage without skull fracture.
Lancet 1:1217-8, 2 Jun 73
ADOLESCENCE/ ADULT/ *AGE FACTORS/ CEREBRAL HEMORRHAGE, etiology/ *CEREBRAL HEMORRHAGE, occurrence/ HEAD INJURIES, complications/ *HEAD INJURIES, complications/ HEMATOMA, etiology/ HEMIPLEGIA, diagnosis/ HUMAN/ UNCONSCIOUSNESS, diagnosis

2488. **Galdiero F, Morelli F:** Punto isoelettrico delle proteasi extracellulari di alcune specie batteriche.
G Batteriol Virol Immunol 65:140-3, May-Aug 72 (Ita)
BACILLUS CEREUS, enzymology/ BACILLUS MEGATERIUM, enzymology/ BACILLUS SUBTILIS, enzymology/ *BACTERIA, enzymology/ CLOSTRIDIUM BOTULINUM, enzymology/ *ELECTROPHORESIS/ ENGLISH ABSTRACT/ ISOELECTRIC FOCUSING/ MICROCOCCUS, enzymology/ *PEPTIDE HYDROLASES, analysis/ PROTEUS VULGARIS, enzymology/ PSEUDOMONAS, enzymology/ SERRATIA MARCESCENS, enzymology/ STREPTOCOCCUS PYOGENES, enzymology

2489. **Galdston M, Janoff A, Davis AL:** Familial variation of leukocyte lysosomal protease and serum 1 -antitrypsin as determinants in chronic obstructive pulmonary disease.
Am Rev Respir Dis 107:718-27, May 73
ADULT/ AGED/ CHRONIC DISEASE/ ESTERASES, metabolism/ FEMALE/ GLUCURONIDASE, metabolism/ HUMAN/ *LEUKOCYTES, enzymology/ *LUNG DISEASES, OBSTRUCTIVE, enzymology/ LUNG DISEASES, OBSTRUCTIVE, familial & genetic/ *LYSOSOMES, enzymology/ MALE/ MIDDLE AGE/ PEPTIDE HYDROLASES, metabolism/ TRYPSIN, metabolism/ *TRYPSIN INHIBITORS, blood

2490. **Gáliková J, Pokorná G, Hrubiško M, et al:** Antigén Austrália. (Au-SH) a jeho význam v diagnostike a prevencii sérovej hepatitídy. 3. Sledovanie výskytu protilátok anti Au-S.
Bratisl Lek Listy 59:39-44, 1973 (Slo)
ANTI-AUSTRALIA ANTIGEN/ ANTIBODIES/ *AUSTRALIA ANTIGEN, isolation & purification/ BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ HEMOPHILIA, immunology/ HEPATITIS, HOMOLOGOUS SERUM, diagnosis/ HEPATITIS, HOMOLOGOUS SERUM, immunology/ *HEPATITIS, HOMOLOGOUS SERUM, prevention & control/ *HEPATITIS, INFECTIOUS, immunology/ HEPATITIS, INFECTIOUS, prevention & control/ HUMAN/ *IMMUNE SERUMS

2491. **Gall WE, D'Eustachio P:** Fb, a ndw enzymatic fragment of human G immunoglobulin.
Biochemistry 11:4621-8, 21 Nov 72
ACETAMIDES/ ALKYLATION/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, PAPER/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HUMAN/ *IGG, analysis/ IMMUNOELECTROPHORESIS/ *IMMUNOGLOBULIN FRAGMENTS/ IMMUNOGLOBULIN FRAGMENTS, analysis/ IMMUNOGLOBULIN FRAGMENTS, isolation & purification/ IODOACETATES/ MODELS, STRUCTURAL/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ SUBTILISINS/ TRYPSIN/ ULTRACENTRIFUGATION

2492. **Galliera O:** La trombosi nel cardiopatico.
Cardiol Prat 23:91-9, Apr-Jun 72 (Ita)
ANTICOAGULANTS, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ FIBRINOLYTIC AGENTS, therapeutic use/ *HEART DISEASES, complications/ HEART FAILURE, CONGESTIVE, complications/ HUMAN/ THROMBOSIS, drug therapy/ *THROMBOSIS, etiology

2493. **Gallimore PH, Richardson CR:** An improved banding technique exemplified in the karyotype analysis of two strains of rat. Chromosoma 41:259-63, 197
ANIMAL EXPERIMENTS/ CELLS, CULTURED/ EMBRYO/ EVALUATION STUDIES/ FETUS/ FIBROBLASTS/ *GENETIC TECHNICS/ *KARYOTYPING/ MALE/ MITOSIS/ RATS/ STAINS AND STAINING/ TIME FACTORS/ TRYPSIN

2494. **Gallucci C, Forte V, Buffolio E, et al:** Classificação conduta nas síndromes hemorrágicas após cirurgi com circulação extracorpórea.
Arq Bras Cardiol 25:287-93, Aug 72 (Por
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION DISORDERS, therapy/ CHILD, ENGLISH ABSTRACT/ *EXTRACORPOREAL CIRCULATION/ FEMALE/ *HEART SURGERY/ *HEMORRHAGE, etiology/ HEMORRHAGE, therapy/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ POSTOPERATIVE COMPLICATIONS, therapy

2495. **Gallus AS, Hirsh J, Tutle RJ, et al:** Small subcutaneou doses of heparin in prevention of venous thrombosi
N Engl J Med 288:545-51, 15 Mar 73
ADULT/ AGED/ BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ CLINICAL RESEARCH/ FEMALE/ FEMORAL FRACTURES, surgery/ FEMORAL VEIN/ FIBRINOGEN/ HEMATOCRIT/ *HEPARIN, administration & dosage/ HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HIP, surgery/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ IODINE ISOTOPES/ MALE MIDDLE AGE/ MYOCARDIAL INFARCT, dru therapy/ PHLEBOGRAPHY/ POPLITEAL VEIN/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PROSPECTIVE STUDIES/ RADIOISOTOPE SCANNING/ *THROMBOPHLEBITIS, prevention & control/ THROMBOPLASTIN/ *THROMBOSIS, prevention & control

2496. **Galmiche P, Neukirch G:** Approche d'une enzymothérapie antirhumatismale.
Rev Rhum Mal Osteoartic 39:215-20, Mar 72 (Fr
ANIMAL EXPERIMENTS/ ARTHRITIS, RHEUMATOID, drug therapy/ *ARTHRITIS, RHEUMATOID, enzymology/ ENGLISH ABSTRACT/ GOUT, drug therapy/ *GOUT, enzymology/ HUMAN/ INJECTIONS, INTRA-ARTICULAR/ KININS, metabolism/ LYSOSOMES, enzymology/ OSTEOARTHRITIS

drug therapy/ *OSTEOARTHRITIS, enzymology/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, metabolism/ RABBITS/ RATS/ SYNOVIAL FLUID, enzymology/ TIME FACTORS/ TRYPSIN INHIBITORS, therapeutic use

2497. **Galushkin AN, Neplokh EG, Kotovshchikova MA:** Sravnitel'naia kharakteristika parametrov tromboelastogramm krovi i plazmy.
Lab Delo 7:417-9, 1972 (Rus)
ADULT/ BLOOD/ COMPARATIVE STUDY/ HUMAN/ MATHEMATICS/ METHODS/ PLASMA/ *THROMBELASTOGRAPHY

2498. **Galyean JR 3d:** Cardiology for the practitioner. II. The medical management of angina pectoris.
J Miss State Med Assoc 14:277-80, Jul 73
ADRENERGIC BETA RECEPTOR BLOCKADERS, therapeutic use/ *ANGINA PECTORIS, drug therapy/ ANTICOAGULANTS, therapeutic use/ HUMAN/ NITRITES, therapeutic use/ PROFESSIONAL PRACTICE

2499. **Gamain J, Descombes P, Grumbach Y, et al:** Coagulation intravasculaire disséminée (C.I.V.D.) après splénotomographie lipiodolée.
Nouv Presse Med 2:1671, 16 Jun 73 (Fre)
ADULT/ CATHETERIZATION/ *DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ FEVER, chemically induced/ HUMAN/ HYPOTENSION, chemically induced/ *IODIZED OILS, adverse effects/ IODIZED OILS, diagnostic use/ *SPLEEN, radiography/ SPLENIC ARTERY/ *SPLENOMEGALY, radiography/ TOMOGRAPHY, adverse effects

2500. **Gamble JF, Fuller LM, Ibrahim E, et al:** Combined chemotherapy radiotherapy management of stage 3 Hodgkin's disease. Arch Intern Med 131:435-8, Mar 73
ADULT/ *ANTINEOPLASTIC AGENTS, therapeutic use/ *BENZOATES, therapeutic use/ BLOOD CELL COUNT/ BLOOD PLATELETS, drug effects/ CYCLOPHOSPHAMIDE, administration & dosage/ CYCLOPHOSPHAMIDE, therapeutic use/ EVALUATION STUDIES/ FEMALE/ HODGKIN'S DISEASE, drug therapy/ HODGKIN'S DISEASE, mortality/ HODGKIN'S DISEASE, radiotherapy/ *HODGKIN'S DISEASE, therapy/ HUMAN/ MALE/ MECHLORETHAMINE, administration & dosage/ *MECHLORETHAMINE, therapeutic use/ MIDDLE AGE/ PREDNISONE, administration & dosage/ *PREDNISONE, therapeutic use/ PROCARBAZINE, administration & dosage/ PROCARBAZINE, therapeutic use/ RADIOTHERAPY DOSAGE/ REMISSION/ VINCRISTINE, administration & dosage/ *VINCRISTINE, therapeutic use

2501. **el-Gammal T:** Follow-up air studies on patients with ventriculo-atrial (V-A) shunts. Reference to the value of polytomography.
Am J Roentgenol Radium Ther Nucl Med 118:155-62, May 73
ADHESIONS/ CEREBRAL VENTRICLES/ *CEREBROSPINAL FLUID SHUNTS/ CHILD/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ HYDROCEPHALUS, cerebrospinal fluid/ *HYDROCEPHALUS, radiography/ HYDROCEPHALUS, surgery/ INTRACRANIAL PRESSURE/ MALE/ TOMOGRAPHY, RADIOGRAPHIC/ VENTRICULOGRAPHY

2502. **Gan KH:** Studies on the dialyzability of Staphylococcus aureus.
J Hyg Epidemiol Microbiol Immunol (Praha) 17:216-25, 1973
BACTERIAL PROTEINS, analysis/ BACTERIOLOGICAL TECHNICS/ CARBOHYDRATES, analysis/ CELL COUNT/ COAGULASE, biosynthesis/ *DIALYSIS/ ESCHERICHIA COLI/ LIPIDS, analysis/ METHODS/ MICROPORE FILTERS/ STAINS AND STAINING/ *STAPHYLOCOCCUS/ STAPHYLOCOCCUS, analysis/ STAPHYLOCOCCUS, cytology/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, growth & development/ STAPHYLOCOCCUS, isolation & purification

2503. **Gancevici G, Moisescu G, Ghițescu D:** Acid-induced fusion of mammalian erythrocytes.
Arch Roum Pathol Exp Microbiol 31:449-52, Sep 72
ANIMAL EXPERIMENTS/ *CELL FUSION, drug effects/ *ERYTHROCYTES, drug effects/ *HYDROCHLORIC ACID, pharmacodynamics/ SHEEP/ TRYPSIN, pharmacodynamics

2504. **Gandelmann HA:** Exodontia em pacientes hemofílicos.
Rev Bras Odontol 29:66-81, Mar-Apr 72 (Por)
HEMOPHILIA/ SPECIAL LIST DENTAL/ TOOTH EXTRACTION

2505. **Gandolfo GM:** Aspetti biochimici, fisiopathologici e clinici dell'aggregazione piastrinica.
Recent Prog Med (Roma) 52:596-630, Jun 72 (Ita)
ARTERIOSCLEROSIS, blood/ *BLOOD COAGULATION/ *BLOOD COAGULATION DISORDERS/ *BLOOD PLATELET DISORDERS/ COLLAGEN, pharmacodynamics/ DIABETES MELLITUS, blood/ EPINEPHRINE, pharmacodynamics/ FATTY ACIDS, pharmacodynamics/ FIBRINOGEN, pharmacodynamics/ HUMAN/ LIVER CIRRHOSIS, blood/ NOREPINEPHRINE, pharmacodynamics/ *PLATELET ADHESIVENESS/ SARCOMA, blood/ SEROTONIN, pharmacodynamics/ THROMBIN, pharmacodynamics/ TRYPSIN, pharmacodynamics/ UREMIA, blood

2506. **Gang NF, Denstedt OF:** Studies on blood coagulation. II. Kinetic study of the interaction between antihemophilic globulin and antithrombin 3 in normal and hemophilic sera.
Mt Sinai J Med NY 39:429-34, Sep-Oct 72
*ANTITHROMBIN/ *BLOOD COAGULATION/ *FACTOR VII/ FIBRINOGEN/ *HEMOPHILIA, blood/ HUMAN/ IN VITRO/ KINETICS

2507. **Gannushkina IV, Shafranova VP:** K analizu sovremennykh predstavlenii o faktorakh, opredeliaiushchikh stepen' effektivnosti kollateral'nogo krovoobrashcheniia v mozge.
Zh Nevropatol Psikhiatr 72:1281-7, 1972 (Rus)
ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ BLOOD COAGULATION/ BLOOD PRESSURE/ BRAIN, anatomy & histology/ BRAIN, immunology/ BRAIN, pathology/ CAROTID ARTERIES/ CAROTID ARTERY THROMBOSIS, pathology/ CATS/ CEREBRAL ARTERIES/ *CEREBROVASCULAR CIRCULATION/ CEREBROVASCULAR DISORDERS, pathology/ *COLLATERAL CIRCULATION/ DOGS/ ENGLISH ABSTRACT/ HUMAN/ ISCHEMIA

2508. **Ganrot K:** 2 -acute phase globulin in rat serum. Purification, determination and interaction with trypsin. Biochim Biophys Acta 295:245-51, 25 Jan 73
AMMONIUM SULFATE/ ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ BLOOD PROTEIN ELECTROPHORESIS/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CROSS REACTIONS/ GEL FILTRATION/ IMMUNOELECTROPHORESIS/ INFLAMMATION, blood/ INFLAMMATION, chemically induced/ IODINE ISOTOPES/ *MACROGLOBULINS, isolation & purification/ MACROGLOBULINS, metabolism/ PROTEIN BINDING/ RABBITS, immunology/ RADIOIMMUNOASSAY/ RATS/ *TRYPSIN/ TURPENTINE

2509. **Gans H:** Is primary fibrinolysis a real entity?
Surg Gynecol Obstet 136:975-6, Jun 73
ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION DISORDERS, etiology/ *BLOOD COAGULATION DISORDERS, physiopathology/ FACTOR VII/ FACTOR XII/ *FIBRINOLYSIS/ HEMOSTATICS, therapeutic use/ HUMAN

2510. **Gans H:** Enzyme transplants. Lancet 1:203, 27 Jan 73

HUMAN/ *LIVER, enzymology/ LIVER, transplantation/ *METABOLISM, INBORN ERRORS, enzymology/ TRANSPLANTATION, HOMOLOGOUS/ TRYPSIN INHIBITORS, blood

2511. **Gaponiuk PIa, Podsosov SF, Rudakov IA:** Vliianie traziliola i soevogo ingibitora tripsina na vyzhivaemost' obluchennykh zhivotnykh.
Radiobiologiia 12:927-8, Nov-Dec 72 (Rus)
ANIMAL EXPERIMENTS/ COBALT ISOTOPES/ ENGLISH ABSTRACT/ GUINEA PIGS/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ *RADIATION INJURIES, EXPERIMENTAL, drug therapy/ RADIATION INJURIES, EXPERIMENTAL, mortality/ *RADIATION-PROTECTIVE AGENTS, pharmacodynamics/ RATS/ *SOY BEANS

2512. **Garcia JB, Pakrashi BC, Mary DA, et al:** Postoperative blood loss after extracorporeal circulation for heart valve surgery.
J Thorac Cardiovasc Surg 65:487-96, Mar 73
AMINOCAPROIC ACID, adverse effects/ *ANTICOAGULANTS, adverse effects/ BLOOD PRESERVATION/ *EXTRACORPOREAL CIRCULATION, adverse effects/ HEART VALVE PROSTHESIS/ *HEART VALVES, surgery/ *HEMORRHAGE, etiology/ HUMAN/ POSTOPERATIVE COMPLICATIONS/ SURGERY, PLASTIC/ THROMBOPENIA, complications

2513. **García-San Miguel J, Domingo-Albos A, Corominas A, et al:** Estudios sobre la trombopatía urémica. Análisis de cincuenta y nueve enfermos con especial referencia a los lípidos plaquetarios.
Sangre (Barc) 18:31-9, 1973 (Spa)
*BLOOD PLATELET DISORDERS, etiology/ *BLOOD PLATELETS, metabolism/ ENGLISH ABSTRACT/ HUMAN/ *KIDNEY DISEASES, complications/ *PHOSPHOLIPIDS, blood/ PLATELET ADHESIVENESS/ THROMBELASTOGRAPHY/ *UREMIA, complications

2514. **Garcia-Webb P, Mason J, Briggs MH:** Interpreting serum creatine kinase results.
Med J Aust 2:142, 21 Jul 73
ALBUMINS/ BLOOD PRESERVATION/ COMPARATIVE STUDY/ *CREATINE KINASE, blood/ HUMAN/ SODIUM CHLORIDE

2515. **Gardais A, Picard J, Hermelin B:** Glycosaminoglycan (GAG) distribution in aortic wall from five species.
Comp Biochem Physiol [B] 44:507-15, 15 Feb 73
ANIMAL EXPERIMENTS/ AORTA, THORACIC/ CHICKENS/ CHONDROITIN/ CHONDROITIN, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ COMPARATIVE STUDY/ ELECTROPHORESIS/ EVALUATION STUDIES/ GLYCOSIDE HYDROLASES/ HEPARIN, analysis/ HUMAN/ HYALURONIC ACID, analysis/ LYASES/ MUCOPOLYSACCHARIDES, analysis/ *MUSCLE, SMOOTH, analysis/ RABBITS/ RATS/ SPECIES SPECIFICITY/ SWINE

2516. **Gardner B:** Experiences with the use of intracholedochal heparinized saline for the treatment of retained common duct stones.
Ann Surg 177:240-4, Feb 73
AGED/ CHOLECYSTECTOMY/ CHOLECYSTITIS, complications/ *COMMON BILE DUCT CALCULI, drug therapy/ COMMON BILE DUCT CALCULI, radiography/ COMMON BILE DUCT CALCULI, therapy/ DRUG COMBINATIONS/ FEMALE/ FOLLOW-UP STUDIES/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ IRRIGATION/ JAUNDICE, OBSTRUCTIVE, complications/ MALE/ METHODS/ SODIUM, administration & dosage/ *SODIUM, therapeutic use

2517. **Gardner B:** Heparin for common-duct stone.
N Engl J Med 289:592, 13 Sep 73
*COMMON BILE DUCT CALCULI, drug therapy/ *HEPARIN, therapeutic use/ HUMAN

2518. **Gardner FH, Murphy S:** Granulocyte and platelet functions in paroxysmal nocturnal hemoglobinuria.
Ser Haematol 5:78-87, 1972 (37 ref.)
*BLOOD PLATELETS, physiopathology/ CHROMIUM ISOTOPES/ COMPLEMENT FIXATION TESTS/ *HEMOGLOBINURIA, PAROXYSMAL, physiopathology/ HEMOLYSIS/ HUMAN/ IN VITRO/ *LEUKOCYTES, physiopathology/ PHAGOCYTOSIS/ PHOSPHORUS ISOTOPES/ REVIEW/ SKIN WINDOW TECHNIC

2519. **Gardonio EC, Logan DM:** Lactobacillus plantarum exoribonuclease: the effect of partial tryptic digestion on enzyme kinetics and the mode of degradation. Can J Biochem 51:412-20, Apr 73
AMMONIA, pharmacodynamics/ CHROMATOGRAPHY/ CHROMATOGRAPHY, THIN LAYER/ EXONUCLEASES, isolation & purification/ *EXONUCLEASES, metabolism/ KINETICS/ *LACTOBACILLUS, enzymology/ MAGNESIUM, pharmacodynamics/ METHODS/ OLIGONUCLEOTIDES, biosynthesis/ POLYNUCLEOTIDES, metabolism/ *RIBONUCLEASE, metabolism/ RNA/ TIME FACTORS/ TRITIUM/ *TRYPSIN, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics

2520. **Garel A, Burckard J, Mazen A, et al:** Histone d'érythrocytes de poulets. 3. Mise en évidence de l'hétérogénéité du fragment N-terminal de l'histone spécifique.
Biochimie 54:451-5, 1972 (Fre
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CELL NUCLEUS, analysis/ *CHICKENS/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN LAYER/ CYANOGEN BROMIDE/ DANSYL COMPOUNDS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ *ERYTHROCYTES, analysis/ *HISTONES, analysis/ HISTONES, isolation & purification/ METHODS/ PROTEIN CONFORMATION/ TRYPSIN

2521. **Garfinkel AS, Schotz MC:** Sequential induction of tw species of lipoprotein lipase.
Biochim Biophys Acta 306:128-33, 13 Apr 73
ADIPOSE TISSUE, analysis/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ ENZYME INDUCTION/ EPIDIDYMIS, analysis/ *EPIDIDYMIS, metabolism/ FASTING/ GEL FILTRATION/ ISOENZYMES, analysis/ *ISOENZYMES, metabolism/ LIPOPROTEIN LIPASE, analysis/ *LIPOPROTEIN LIPASE, metabolism/ MALE/ RATS

2522. **Garner HE:** Principles of cardiopulmonary medicin
Vet Clin N Amer 3:239-50, May 73 (27 ref.)
ANESTHESIA, INHALATION/ ANIMAL EXPERIMENTS/ BICARBONATES, therapeuti use/ BLOOD PRESSURE/ BLOOD VOLUME/ CARDIAC OUTPUT/ *CARDIOVASCULAR DISEASES, veterinary/ CHRONIC DISEASE/ DISSEMINATED INTRAVASCULAR COAGULATION, veterinary/ GLUCOCORTICOIDS, therapeutic use/ HALOTHANE/ HEART RATE/ HEMATOCRIT *HORSE DISEASES/ HORSE DISEASES, dru therapy/ HORSE DISEASES, physiopathology HORSES, physiology/ INFUSIONS, PARENTERAL/ *LUNG DISEASES, veterinar PULMONARY EMPHYSEMA, veterinary/ RESPIRATION/ RESPIRATORY INSUFFICIENCY, veterinary/ REVIEW/ SHOCK, drug therapy/ SHOCK, physiopathology/ SHOCK, veterinary

2523. **Garner RW, Mowat AG, Hazleman BL:** Wound heal after operations of patients with rheumatoid arthri
J Bone Joint Surg [Br] 55:134-44, Feb 73
ADOLESCENCE/ ADULT/ AGED/ AMPUTATION/ *ARTHRITIS, RHEUMATOID surgery/ ARTHRODESIS/ ARTHROPLASTY/ BURSA, SYNOVIAL, surgery/ CALLOSITIES surgery/ COMPARATIVE STUDY/ ELBOW JOINT/ FEMALE/ FOOT, surgery/ HAND, surgery/ HEMATOMA, etiology/

HEMOGLOBIN/ HIP JOINT/ HUMAN/ *JOINTS, surgery/ KNEE JOINT/ MALE/ MIDDLE AGE/ OSTEOTOMY/ POSTOPERATIVE COMPLICATIONS/ SURGICAL WOUND DEHISCENCE/ SURGICAL WOUND INFECTION/ SYNOVIAL MEMBRANE, surgery/ TENDONS, PARA-ARTICULAR, surgery/ TIME FACTORS/ *WOUND HEALING/ WRIST JOINT

2524. Garner RW, Mowat AG, Hazleman BL: Post-operative wound healing in patients with rheumatoid arthritis.
Ann Rheum Dis 32:273-4, May 73
ADRENAL CORTEX HORMONES, pharmacodynamics/ *ARTHRITIS, RHEUMATOID, surgery/ HEMATOMA/ HUMAN/ SURGICAL WOUND INFECTION/ TIME FACTORS/ *WOUND HEALING/ WOUND HEALING, drug effects

2525. Garon D, Cavigneaux A, Lardeux P: Méthode semi-quantitative d'évaluation de l'activité enzymatique de la protéase. Son application à la prévention en médecine du travail.
Arch Mal Prof 33:455-8, Sep 72 (Fre)
ENVIRONMENTAL EXPOSURE/ *INDUSTRIAL MEDICINE/ METHODS/ *OCCUPATIONAL DERMATITIS, prevention & control/ *PEPTIDE HYDROLASES, toxicity/ PROTECTIVE DEVICES

2526. Garrell M, Hill WO, Westphal R: Blood-component therapy. Ann Intern Med 77:484-5, Sep 72
BLOOD PLATELETS/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ FACTOR V, analysis/ FACTOR VIII, analysis/ HUMAN

2527. Gartmann H: Mundschleimhautveränderungen bei Allgemeinerkrankungen--Folge 3 (Schluss.
Fortschr Med 89:837-40, 1 Jul 71 (Ger)
ENDOCRINE DISEASES, physiopathology/ HEART FAILURE, CONGESTIVE, physiopathology/ HEMORRHAGIC DIATHESIS, physiopathology/ HUMAN/ LYMPHATIC DISEASES, physiopathology/ METABOLIC DISEASES, physiopathology/ *MOUTH MUCOSA, physiopathology/ OCCUPATIONAL DISEASES/ PHAGOCYTE BACTERICIDAL DYSFUNCTION, physiopathology/ POISONING, physiopathology/ PORPHYRIA, physiopathology/ RETICULOENDOTHELIOSIS, physiopathology

2528. Garton S, Larsen AE: Effect of hemolysis on the partial thromboplastin time.
Am J Med Technol 38:408-10, Oct 72
*HEMOLYSIS/ HUMAN/ INDICATOR DILUTION TECHNICS/ METHODS/ *PROTHROMBIN TIME

2529. Garvey MB, Black JM: The detection of fibrinogen-fibrin degradation products by means of a new antibody-coated latex particle.
J Clin Pathol 25:680-2, Aug 72
ANTIBODIES/ COMPARATIVE STUDY/ *FIBRIN, analysis/ FIBRIN, metabolism/ *FIBRINOGEN, analysis/ FIBRINOGEN, metabolism/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ HYPERTHYROIDISM, metabolism/ KIDNEY DISEASES, metabolism/ *LATEX PARTICLES/ LIVER DISEASES, metabolism/ METHODS/ NEOPLASMS, metabolism/ PULMONARY EMBOLISM, metabolism

2530. Garvin PJ, Jennings RB: Long-term effects of chymopapain on intervertebral disks of dogs.
Clin Orthop 92:281-95, May 73
AGING/ ANIMAL EXPERIMENTS/ DOGS/ EPIPHYSES, pathology/ INTERVERTEBRAL DISK, cytology/ *INTERVERTEBRAL DISK, drug effects/ INTERVERTEBRAL DISK, pathology/ INTERVERTEBRAL DISK, radiography/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, pharmacodynamics/ TIME FACTORS

2531. Gash JD: The fibrinolytic response to a variety of stimuli in man. J Clin Pathol 25:619, Jul 72
EPINEPHRINE, pharmacodynamics/ *EXERTION/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ PLASMINOGEN/ PREGNANCY/ SERUM GLOBULINS/ *STRESS, PSYCHOLOGICAL

2532. Gasquet P de, Péquignot E: Lipoprotein lipase activities in adipose tissues, heart and diaphragm of the genetically obese mouse(ob-ob).
Biochem J 127:445-7, Apr 72
*ADIPOSE TISSUE, enzymology/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ *DIAPHRAGM, enzymology/ FEMALE/ *LIPOPROTEIN LIPASE, analysis/ MALE/ MICE/ *MYOCARDIUM, enzymology/ *OBESITY, enzymology/ OBESITY, familial & genetic

2533. Gasquet P de, Péquignot E, Lemonnier D, et al: Adipose-tissue lipoprotein lipase activity and cellularity in the genetically obese Zucker rat (fa-fa).
Biochem J 132:633-5, Mar 73
ADIPOSE TISSUE, cytology/ *ADIPOSE TISSUE, enzymology/ ADIPOSE TISSUE, pathology/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ FEMALE/ *LIPOPROTEIN LIPASE, metabolism/ MALE/ *OBESITY, enzymology/ OBESITY, familial & genetic/ RATS

2534. Gass H, Devadiga KV, Taptas JN: Supraclavicular cerebrospinal fluid effusion in brachial plexus avulsion injuries and iatrogenic omorrhea.
J Bone Joint Surg [Am] 54:1773-5, Dec 72
ADULT/ *BRACHIAL PLEXUS, injuries/ CASE REPORT/ *CEREBROSPINAL FLUID/ CONTRAST MEDIA/ *FISTULA, etiology/ HEMATOMA, diagnosis/ HUMAN/ MALE/ MYELOGRAPHY/ POSTOPERATIVE COMPLICATIONS/ *SHOULDER/ *SPINAL CANAL/ SPINAL NERVE ROOTS, injuries

2535. Gass JD: Fluorescein angiography. An aid in the differential diagnosis of intraocular tumors.
Int Ophthalmol Clin 12:85-120, Spring 72 (5 ref.)
CHOROID/ CHOROID NEOPLASMS, diagnosis/ CHOROIDITIS, diagnosis/ CILIARY BODY/ DIAGNOSIS, DIFFERENTIAL/ EYE DISEASES, diagnosis/ *EYE NEOPLASMS, diagnosis/ *FLUORESCENCE ANGIOGRAPHY/ FUNDUS OCULI/ HAMARTOMA, diagnosis/ HEMANGIOMA, CAVERNOUS, diagnosis/ HUMAN/ HYPERPLASIA/ HYPERTROPHY/ INFLAMMATION/ MELANOMA, diagnosis/ METHODS/ NEOPLASM METASTASIS/ NEVUS, diagnosis/ RETINAL DETACHMENT, diagnosis/ RETINAL HEMORRHAGE, diagnosis/ RETINOBLASTOMA, diagnosis/ REVIEW

2536. Gastaldi G, Mattiello A: Effetto di un inibitore delle proteasi sulla moltiplicazione batterica.
Pathologica 63:223-31, Sep-Oct 71 (Ita)
*BACTERIA, drug effects/ CULTURE MEDIA/ EDTA, pharmacodynamics/ ENGLISH ABSTRACT/ GRAM NEGATIVE BACTERIA, drug effects/ GRAM POSITIVE BACTERIA, drug effects/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ *PEPTIDE HYDROLASES, antagonists & inhibitors

2537. Gates BJ, Travis J: Purification and characterization of carboxypeptidases A and B from the white shrimp (Penaeus setiferus).
Biochemistry 12:1867-74, 8 May 73
AMINO ACIDS, analysis/ AMINOCAPROIC ACID/ ANIMAL EXPERIMENTS/ ARGININE/ *CARBOXYPEPTIDASES/ CARBOXYPEPTIDASES, analysis/ CARBOXYPEPTIDASES, antagonists & inhibitors/ CARBOXYPEPTIDASES, isolation & purification/ CHROMATOGRAPHY, ION EXCHANGE/ DRUG STABILITY/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ KINETICS/ MOLECULAR WEIGHT/ PHENANTHROLINES/ PROPIONATES/ *SHRIMP, enzymology/ SODIUM DODECYL SULFATE/ SPECIES SPECIFICITY/ STRUCTURE-ACTIVITY RELATIONSHIP/ ULTRACENTRIFUGATION/ ZINC, analysis

2538. **Gates BJ, Travis J:** Amino acid sequence in the vicinity of the reactive serine residue in shrimp trypsin.
Biochim Biophys Acta 310:137-41, 17 May 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BINDING SITES/ CARBON ISOTOPES/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ISOFLUROPHATE/ PEPTIDES, analysis/ SERINE, analysis/ SHRIMP/ SPECIES SPECIFICITY/ *TRYPSIN, analysis

2539. **Gatfield IL, Stute R:** Enzymatic reactions in the presence of polymers. The competitive inhibition of trypsin by lambda-carrageenan.
FEBS Lett 28:29-31, 15 Nov 72
ALGINATES/ *CARRAGEENAN/ CATTLE/ CHEMISTRY/ KINETICS/ PECTINS/ SPECTROPHOTOMETRY/ TOLUIDINE BLUE O/ *TRYPSIN INHIBITORS/ VISCOSITY

2540. **Gaultier C, Hayem F, Griscelli C, et al:** Les manifestations douloureuses abdominales au cours des polyarthrites chroniques de l'enfant.
Rev Rhum Mal Osteoartic 39:271-80, Apr 72 (Fre)
*ABDOMEN, physiopathology/ ADHESIONS/ *ARTHRITIS, JUVENILE RHEUMATOID, physiopathology/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ EXUDATES AND TRANSUDATES/ FEMALE/ HUMAN/ INFANT/ MALE/ REMISSION

2541. **Gaur RD, Goswami AK, Talwar GP:** Studies on sperm-ovum interaction. I. Effect of an inhibitor of proteolytic enzyme on fertilization.
Indian J Med Res 60:932-7, Jun 72
ANIMAL EXPERIMENTS/ DEPRESSION, CHEMICAL/ EPIDIDYMIS/ FEMALE/ *FERTILIZATION, drug effects/ MALE/ RABBITS/ SPERM CAPACITATION/ SPERMATOZOA, drug effects/ *TRYPSIN INHIBITORS, pharmacodynamics

2542. **Gaut ZN:** Binding of cyproheptadine-(N-methyl- 14 C) by human blood platelets: inhibition by phenothiazines and tricyclic antidepressants.
J Pharmacol Exp Ther 185:171-8, Apr 73
AMITRIPTYLINE, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ CENTRIFUGATION/ CHLORPROMAZINE, pharmacodynamics/ *CYPROHEPTADINE, metabolism/ DESIPRAMINE, pharmacodynamics/ HUMAN/ IMIPRAMINE, pharmacodynamics/ IN VITRO/ NORTRIPTYLINE, pharmacodynamics/ PHENOTHIAZINES, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ PROMETHAZINE, pharmacodynamics

2543. **Gaut ZN, Solomon HM:** Phosphorylation of pyridoxine by human blood platelets--effects of structure analogs and metabolic inhibitors.
Biochem Pharmacol 21:2395-400, 1 Sep 72
BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ CYANIDES, pharmacodynamics/ DINITROPHENOLS, pharmacodynamics/ FLUORIDES, pharmacodynamics/ HUMAN/ IODOACETATES, pharmacodynamics/ KINETICS/ OXIDATIVE PHOSPHORYLATION/ PYRIDOXAL, metabolism/ PYRIDOXAL PHOSPHATE, metabolism/ PYRIDOXINE, antagonists & inhibitors/ *PYRIDOXINE, metabolism/ SODIUM, pharmacodynamics/ STRUCTURE-ACTIVITY RELATIONSHIP/ TIME FACTORS/ TRITIUM

2544. **Gauthier FJ, Goldsmith HL, Mason SG:** Flow of suspensions through tubes. X. Liquid drops as models of erythrocytes.
Biorheology 9:205-24, Dec 72
BLOOD FLOW VELOCITY/ BLOOD VISCOSITY/ *ERYTHROCYTES, physiology/ *MODELS, STRUCTURAL

2545. **Gautier JC, Samama M, Bousser MG:** Thromboses artérielles expérimentales. Effets in vivo et in vitro de l'aspirine et de la prostaglandine E1.
Ann Med Interne (Paris) 123:849-52, Oct 72 (Fre)
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ASPIRIN, pharmacodynamics/ ASPIRIN, therapeutic use/ *BLOOD COAGULATION, drug effects/ *BLOOD PLATELETS, drug effects/ CEREBRAL ARTERIES, injuries/ COLLAGEN, pharmacodynamics/ IN VITRO/ *PROSTAGLANDINS, pharmacodynamics/ PROSTAGLANDINS, therapeutic use/ RABBITS/ THROMBOSIS, drug therapy/ THROMBOSIS, etiology

2546. **Gautier R, Bonneton G:** Deux observations de lésions artérielles au cours de la cure de hernie inguinale.
Chirurgie 98:722-3, Nov 72 (Fre)
AGED/ AMPUTATION/ BLOOD VESSEL PROSTHESIS/ ENGLISH ABSTRACT/ HEMORRHAGE, etiology/ HEMOSTASIS/ HUMAN/ *ILIAC ARTERY, injuries/ *INGUINAL HERNIA, surgery/ ISCHEMIA, etiology/ MALE/ POSTOPERATIVE COMPLICATIONS/ SURGICAL WOUND INFECTION/ SUTURE TECHNICS

2547. **Gautier-Benoit C, Houcke M, Pinchon J:** Hématome intra-mural de l'intestin grêle au cours d'un traitement anti-coagulant.
Lille Med 17:998-1000, Aug-Sep 72 (Fre)
AGED/ *ANTICOAGULANTS, adverse effects/ *HEMATOMA, chemically induced/ *HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HUMAN/ *INTESTINAL OBSTRUCTION, chemically induced/ *INTESTINE, SMALL/ MALE

2548. **Gautvik KM, Kriz M, Lund-Larsen K:** Effects of alterations in calcium concentrations on secretion and protein synthesis in cat submandibular salivary gland.
Acta Physiol Scand 85:418-27, Jul 72
ACETIC ACIDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ *CALCIUM, pharmacodynamics/ CARBON ISOTOPES/ CATS/ EDTA, pharmacodynamics/ GLYCOLS, pharmacodynamics/ KININS/ KININS, metabolism/ LEUCINE, metabolism/ NOREPINEPHRINE, pharmacodynamics/ PEPTIDE PEPTIDOHYDROLASES, analysis/ *PROTEINS, biosynthesis/ SALIVA/ SALIVA, enzymology/ SALIVATION, drug effects/ SUBMANDIBULAR GLAND, enzymology/ *SUBMANDIBULAR GLAND, metabolism/ VASCULAR RESISTANCE, drug effects

2549. **Gavin JB, Herdson PB, Barratt-Boyes BG:** The pathology of chemically-sterilized human heart valve allografts.
Pathology 4:175-83, Jul 72
ADULT/ AORTIC VALVE, pathology/ CAPILLARIES/ EPITHELIAL CELLS/ ERYTHROCYTES/ ETHYLENE OXIDE/ FIBRIN/ FIBROBLASTS/ HEART VALVE DISEASES, pathology/ HEART VALVES, blood supply/ HEART VALVES, pathology/ *HEART VALVES, transplantation/ HUMAN/ LACTONES/ LEUKOCYTES/ LYMPHOCYTES/ MACROPHAGES/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ PLASMA CELLS/ RUPTURE, SPONTANEOUS, pathology/ *STERILIZATION/ TRANSPLANTATION, HOMOLOGOUS

2550. **Gavrilenko EV, Orlova NV, Pozdniakov AL:** Gigienicheskaia otsenka pshenitsy, vyrashchennoi na pochve, obrabotannoi nerozinom.
Vopr Pitan 31:56-60, Sep-Oct 72 (Rus)
ACETYLCHOLINESTERASE, analysis/ ANIMAL EXPERIMENTS/ APPETITE, drug effects/ BLOOD CELL COUNT/ BODY WEIGHT, drug effects/ BRAIN CHEMISTRY/ BREAD, analysis/ CHEMISTRY, AGRICULTURAL/ ENGLISH ABSTRACT/ FEMALE/ *FERTILIZERS, adverse effects/ FLOUR, analysis/ INTESTINAL MUCOSA, enzymology/ LIVER FUNCTION TESTS/ MALE/ PEPTIDE PEPTIDOHYDROLASES, analysis/ PHENOLS, urine/ RATS/ REPRODUCTION, drug effects/ TIME FACTORS/ *WHEAT, analysis

2551. **Gayde G, Einsiedel E:** Fusschmerz bei Spornbildungen--Therapie in der Allgemeinpraxis.
Z Allgemeinmed 48:794-6, 10 Jun 72 (Ger)
*AESCULUS, administration & dosage/ *CALCANEUS/ *EXOSTOSES, complications/ FOOT DISEASES, complications/ FOOT

DISEASES, drug therapy/ HUMAN/ *PAIN, drug therapy/ PAIN, etiology

2552. Gaylor JD, Murphy JF, Caprini JA, et al: Gas transfer and thrombogenesis in an annular membrane oxygenator with active blood mixing.
Trans Am Soc Artif Intern Organs 19:516-24, 1973
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CARBON DIOXIDE, blood/ CATTLE/ DOGS/ ELECTROCARDIOGRAPHY/ EXTRACORPOREAL CIRCULATION/ FIBRINOGEN, analysis/ *HEART, MECHANICAL/ HEART RATE/ HEMATOCRIT/ HEMOGLOBIN, analysis/ HEPARIN, administration & dosage/ HYDROGEN-ION CONCENTRATION/ *MEMBRANES, ARTIFICIAL/ *OXYGEN, blood/ OXYGENATORS, MEMBRANE, adverse effects/ OXYGENATORS, MEMBRANE, instrumentation/ *THROMBOSIS, etiology

2553. Gaynor E: The role of granulocytes in endotoxin-induced vascular injury.
Blood 41:797-808, Jun 73
AGRANULOCYTOSIS, pathology/ ANIMAL EXPERIMENTS/ *AORTA, ABDOMINAL, pathology/ *AORTA, THORACIC, pathology/ AORTIC DISEASES, drug therapy/ DISEASE MODELS, ANIMAL/ *ENDOTOXINS/ EPITHELIUM, pathology/ ESCHERICHIA COLI/ HEPARIN, pharmacodynamics/ LEUKOCYTE COUNT/ *LEUKOCYTES/ MALE/ MECHLORETHAMINE, therapeutic use/ MICROSCOPY, ELECTRON/ NEUTROPHILS/ RABBITS/ *SHWARTZMAN PHENOMENON, pathology

2554. Gazarian ES, Zeĭtunian MA, Afrapetian MKh: K punktsionno-tsitologicheskoĭ diagnostike opukholeĭ.
Zh Eksp Klin Med 11:66-72, 1971 (Rus)
*ADENOCARCINOMA, diagnosis/ BIOPSY/ CYTODIAGNOSIS/ *HEMANGIOMA, diagnosis/ HUMAN/ *LIVER NEOPLASMS, diagnosis/ NEOPLASM METASTASIS/ PUNCTURES

2555. Gebhardt C, Moschinski D: Angiofibrom des Zökums.
Bruns Beitr Klin Chir 219:589-91, 1972 (Ger)
ADULT/ ANGIOMA, SCLEROSING, diagnosis/ *ANGIOMA, SCLEROSING, surgery/ CECAL NEOPLASMS, diagnosis/ *CECAL NEOPLASMS, surgery/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ OVARIAN NEOPLASMS, diagnosis

2556. Gebhart W, Seidl K, Weissenbacher G: Corticosteroidtherapie aggressiv wachsender Hämangiome im Säuglingsalter.
Hautarzt 23:409-13, Sep 72 (Ger)
ADMINISTRATION, ORAL/ FEMALE/ *HEMANGIOMA, drug therapy/ HUMAN/ INFANT/ PREDNISOLONE, administration & dosage/ *PREDNISOLONE, therapeutic use/ *SKIN NEOPLASMS, drug therapy

2557. Gębicki L, Filipowicz Z: Poziom fibrynogenu we krwi a odczyn opadania krwinek czerwonych.
Wiad Lek 26:129-33, 15 Jan 73 (Pol)
*BLOOD SEDIMENTATION/ ENGLISH ABSTRACT/ *FIBRINOGEN, analysis/ HUMAN/ TIME FACTORS

2558. Gedde-Dahl T Jr, Fagerhol MK, Cook PJ, et al: Autosomal linkage between the Gm and Pi loci in man.
Ann Hum Genet 35:393-9, Apr 72
ALLELES/ CHROMOSOME MAPPING/ COMPUTERS/ CROSSES, GENETIC/ FEMALE/ *GAMMA GLOBULIN, 7S/ GENE FREQUENCY/ *GENES, REGULATOR/ HEMAGGLUTINATION INHIBITION TESTS/ HETEROZYGOTE/ HUMAN/ IMMUNOELECTROPHORESIS/ *LINKAGE (GENETICS)/ MALE/ PEDIGREE/ *PEPTIDE HYDROLASES/ PHENOTYPE/ PROBABILITY/ RECOMBINATION, GENETIC/ SEX FACTORS

2559. Geelen JL, Rezelman G, Kammen A van: The infectivity of the two electrophoretic forms of cowpea mosaic virus.
Virology 51:279-86, Feb 73
CHYMOTRYPSIN, pharmacodynamics/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ MOSAIC VIRUSES, analysis/ MOSAIC VIRUSES, drug effects/ MOSAIC VIRUSES, isolation & purification/ MOSAIC VIRUSES, pathogenicity/ PLANT DISEASES/ *PLANT VIRUSES, pathogenicity/ PRESERVATION, BIOLOGICAL/ RNA, VIRAL, analysis/ RNA, VIRAL, isolation & purification/ RNA, VIRAL, pharmacodynamics/ TIME FACTORS/ TRYPSIN, pharmacodynamics/ VEGETABLES/ VIRAL PROTEINS, analysis/ VIRAL PROTEINS, isolation & purification

2560. Geerdink P, Levy-Toledano S, Wessels H, et al: Influence of lithium on aggregation, release-reaction and function of human platelets.
Pathol Biol (Paris) Suppl:15-27, Dec 72
*BLOOD PLATELET DISORDERS, drug therapy/ *BLOOD PLATELETS, drug effects/ *CELL AGGREGATION, drug effects/ ENZYMES, blood/ HUMAN/ *LITHIUM, pharmacodynamics/ LITHIUM, therapeutic use/ POTASSIUM CHLORIDE, pharmacodynamics/ SODIUM CHLORIDE, pharmacodynamics/ STIMULATION, CHEMICAL

2561. Geerdink P, Wessels H, Haanen C: Le rôle du lithium dans l'agrégation plaquettaire.
Nouv Rev Fr Hematol 12:704, Sep-Oct 72 (Fre)
*BLOOD PLATELETS, drug effects/ *CELL AGGREGATION, drug effects/ DEPRESSION, CHEMICAL/ HUMAN/ *LITHIUM, pharmacodynamics

2562. Geest H de, Van De Werf F: Long-term anticoagulant treatment after myocardial infarction. A review.
Brux Med 53:33-5, Jan 73
AGE FACTORS/ AGED/ *ANTICOAGULANTS, therapeutic use/ EVALUATION STUDIES/ FEMALE/ HUMAN/ LONG TERM CARE/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, drug therapy/ SEX FACTORS

2563. Gehring U, Arnon DI: Purification and properties of -ketoglutarate synthase from a photosynthetic bacterium. J Biol Chem 247:6963-9, 10 Nov 72
BACTERIA/ *BACTERIA, enzymology/ BICARBONATES/ CARBON ISOTOPES/ *CARBOXY-LYASES/ CARBOXY-LYASES, antagonists & inhibitors/ CARBOXY-LYASES, isolation & purification/ CATALYSIS/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, ION EXCHANGE/ COENZYME A/ FAD/ FERREDOXINS/ FMN/ KETOGLUTARIC ACID/ MOLECULAR WEIGHT/ OXYGEN/ PHOTOSYNTHESIS/ PROTAMINES/ PYRUVATES/ RHODOSPIRILLUM RUBRUM/ SPECTROPHOTOMETRY/ SUCCINATES/ TETRAZOLIUM SALTS

2564. Gehrke CW, Takeda H: Gas-liquid chromatographic analysis of tryptophan in proteins.
J Chromatogr 76:77-89, 7 Feb 73
AMINO ACID SEQUENCE/ AMINOBUTYRIC ACID, analysis/ ARGININE, analysis/ CHEMISTRY/ *CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, ION EXCHANGE/ CYSTINE, analysis/ ESTERS, analysis/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ INDICATORS AND REAGENTS/ MURAMIDASE, analysis/ PEPTIDES, analysis/ *PROTEIN HYDROLYSATES, analysis/ THIOGLYCOLATES/ TRYPSINOGEN, analysis/ *TRYPTOPHAN, analysis

2565. Gehrmann G: Thrombozytenkinetik und Splenektomie.
Blut 25:229-34, Oct 72 (Ger)
BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ CHROMIUM, metabolism/ CHROMIUM ISOTOPES/ EPINEPHRINE, pharmacodynamics/ HUMAN/ MYELOFIBROSIS, physiopathology/ PURPURA, THROMBOPENIC, physiopathology/ *PURPURA, THROMBOPENIC, therapy/ SPLEEN, physiopathology/ *SPLENECTOMY

2566. **Gelke F:** Ausnutzung der Enzymhemmung von Phenoxyalkancarbonsäure-Herbiziden zu deren dünnschichtchromatographisch-enzymatischem nachweis.
J Chromatogr 72:333-42, 18 Oct 72 (Ger)
ACID PHOSPHATASE/ ALKALINE PHOSPHATASE/ AMYLASE/ *CHROMATOGRAPHY, THIN LAYER/ 2,4-DICHLOROPHENOXYACETIC ACID, analysis/ ENGLISH ABSTRACT/ *ENZYMES/ ESTERASES/ *HERBICIDES, analysis/ METHODS/ 2,4,5-TRICHLOROPHENOXYACETIC ACID, analysis/ TRYPSIN/ ULTRAVIOLET RAYS/ UREASE

2567. **Geller AN:** Proteoliticheskie fermenty v lechenii ostrogo tromboflebita gemorroidal'nykh uzlov.
Khirurgiia (Mosk) 49:64-5, Feb 72 (Rus)
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ CHYMOTRYPSIN, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ *HEMORRHOIDS, drug therapy/ HUMAN/ MALE/ MIDDLE AGE/ *PEPTIDE HYDROLASES, therapeutic use/ RENNIN, therapeutic use/ *THROMBOPHLEBITIS, drug therapy/ TRYPSIN, therapeutic use

2568. **Geller AN:** Proteoliticheskie fermenty v lechenii nekotorykh nespetsificheskikh zabolevanii oporno-dvigatel'nogo apparata.
Vestn Khir 107:58-61, Jan 72 (Rus)
ADULT/ BURSITIS, drug therapy/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FEMALE/ HUMAN/ INJECTIONS/ *JOINT DISEASES, drug therapy/ MALE/ MIDDLE AGE/ *MUSCULAR DISEASES, drug therapy/ PEPTIDE HYDROLASES, administration & dosage/ *PEPTIDE HYDROLASES, therapeutic use/ SYNOVITIS, drug therapy/ TENOSYNOVITIS, drug therapy

2569. **Geller AN:** Paravertebral'naia blokada rastvorom proteoliticheskikh fermentov pri poiasnichno-kresttsovom radikulite.
Zh Nevropatol Psikhiatr 73:672-4, 1973 (Rus)
ADULT/ *AUTONOMIC NERVE BLOCK/ CHRONIC DISEASE/ CHYMOTRYPSIN, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ LUMBAR VERTEBRAE/ LUMBOSACRAL PLEXUS/ MALE/ MIDDLE AGE/ *PEPTIDE HYDROLASES, therapeutic use/ PROCAINE, therapeutic use/ *RADICULITIS, drug therapy/ SPINAL PUNCTURE

2570. **Geller AN:** O lechenii gnoinykh zabolevanii pal'tsev i kisti. Vestn Khir 108:76-7, Sep 72 (Rus)
CHYMOTRYPSIN, administration & dosage/ *CHYMOTRYPSIN, therapeutic use/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ *FINGERS/ *HAND/ HUMAN/ INJECTIONS, INTRAVENOUS/ PHLEGMON, drug therapy/ *PROCAINE, administration & dosage/ *STREPTOMYCIN, administration & dosage/ *SUPPURATION, drug therapy

2571. **Geller LI, Kazimirchik AP, Ostrovskiĭ AB:** Lipidy syvorotki i postgeparinovaia lipoliticheskaia aktivnost' pri obostrenii khronicheskogo pankreatita.
Vopr Med Khim 18:639-41, Nov-Dec 72 (Rus)
CHOLESTEROL, blood/ ENGLISH ABSTRACT/ FATTY ACIDS, NONESTERIFIED, blood/ HEPARIN, diagnostic use/ HUMAN/ *LIPIDS, blood/ LIPOPROTEINS, blood/ LIPOPROTEINS, LDL, blood/ PANCREATITIS, blood/ PHOSPHOLIPIDS, blood/ TRIGLYCERIDES, blood

2572. **Geller LI, Ostrovskiĭ AB:** Pogloshchenie shchitovidnoĭ zhelezy radioaktivnogo ĭoda i antitireoidnye antitela u bol'nykh sakharnym diabetom.
Probl Endokrinol (Mosk) 18:7-11, Jul-Aug 72 (Rus)
ABSORPTION/ *AUTOANTIBODIES, analysis/ BLOOD COAGULATION/ DIABETES MELLITUS, blood/ DIABETES MELLITUS, drug therapy/ DIABETES MELLITUS, immunology/ *DIABETES MELLITUS, metabolism/ ENGLISH ABSTRACT/ HUMAN/ INSULIN, therapeutic use/ *IODINE ISOTOPES, metabolism/ SULFANILAMIDE, therapeutic use/ THROMBELASTOGRAPHY/ THYROID GLAND, immunology/ *THYROID GLAND, metabolism

2573. **Geller LI, Ostrovskiĭ AB, Kazimirchik AP, et al:** Svertyvaiushchaia, protivosvertyvaiushchaia i kininovaia sistemy krovi pri obostrenii khronicheskogo pankreatita.
Klin Med (Mosk) 50:107-12, Sep 72 (Rus)
*BLOOD COAGULATION/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HUMAN/ *KININS, blood/ *PANCREATITIS, blood

2574. **Genefke IK:** The active uptake of 5-hydroxytryptamine in rat and human blood platelets under the influence of lithium in vivo and in vitro.
Acta Psychiatr Scand 48:394-9, 1972
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CHLORIDES/ HUMAN/ IN VITRO/ INCUBATORS/ *LITHIUM, pharmacodynamics/ MALE/ OSMOLAR CONCENTRATION/ RATS/ *SEROTONIN, metabolism

2575. **Gennes JL de, Menage JJ, Truffert J:** Etude d'un trouble inhabituel de l'activité lipoprotéine lipase post-héparinique chez un enfant présentant une hyperglycéridémie dépendante des graisses.
Pathol Biol (Paris) 21:497-504, May 73 (Fre)
CHILD/ CHILD, PRESCHOOL/ DIET THERAPY/ ENGLISH ABSTRACT/ *GLYCERIDES, blood/ *HEPARIN, pharmacodynamics/ HUMAN/ HYPERLIPEMIA, enzymology/ HYPERLIPEMIA, therapy/ INFANT/ INFANT, NEWBORN/ *LIPID METABOLISM, INBORN ERRORS/ LIPID METABOLISM, INBORN ERRORS, therapy/ *LIPOPROTEIN LIPASE, blood/ MALE

2576. **Genova V:** Khemostazni narusheniia pri lechenieto na blastnata levkoza s L-asparaginaza (krasnitin.
Vutr Boles 12:43-9, 1973 (Bul)
ANTITHROMBIN, blood/ ASPARAGINASE, administration & dosage/ *ASPARAGINASE, adverse effects/ BLOOD PLATELETS, drug effects/ ENGLISH ABSTRACT/ FACTOR VIII, analysis/ FACTOR XIII, analysis/ FIBRINOGEN, analysis/ FIBRINOLYSIN, analysis/ HEMORRHAGE, chemically induced/ *HEMOSTASIS/ HUMAN/ *LEUKEMIA, LYMPHOCYTIC, drug therapy/ *LEUKEMIA, MYELOBLASTIC, drug therapy/ PLASMINOGEN, blood/ PROTHROMBIN, blood/ PROTHROMBIN TIME/ SERUM GLOBULINS, analysis/ THROMBIN, analysis/ TIME FACTORS

2577. **Genovesi E:** Suggestion for reducing haemorrhage in operations on the lacrimal sac.
Ophthalmologica 166:399-400, 1973
*HEMOSTASIS/ HUMAN/ LACRIMAL APPARATUS, blood supply/ *LACRIMAL APPARATUS, surgery/ LIGATION/ METHODS/ SUTURE TECHNICS

2578. **Genton E:** Recognizing and reacting to recurrent pulmonary embolism. Geriatrics 28:84-8, Mar 73
ADMINISTRATION, ORAL/ ANTICOAGULANTS, therapeutic use/ BLOOD PLATELET DISORDERS, complications/ BLOOD PLATELET DISORDERS, drug therapy/ FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, INTRAVENOUS/ PHLEBOGRAPHY/ PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, mortality/ PULMONARY EMBOLISM, occurrence/ PULMONARY EMBOLISM, prevention & control/ PULMONARY EMBOLISM, surgery/ *PULMONARY EMBOLISM, therapy/ RECURRENCE/ STREPTOKINASE, therapeutic use/ SULFINPYRAZONE, therapeutic use/ THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, radiography/ VENA CAVA, INFERIOR, surgery

2579. **Gentry PW, Alexander B:** Specific coagulation factor adsorption to insoluble heparin.
Biochem Biophys Res Commun 50:500-9, 23 Jan 73
ADSORPTION/ *BLOOD COAGULATION FACTORS/ BLOOD COAGULATION FACTORS, analysis/ CHEMISTRY/ CHROMATOGRAPHY/ COBALT/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FACTOR V, analysis/ FACTOR VII, analysis/ FACTOR VIII, analysis/ FACTOR IX, analysis/ FACTOR X, analysis/ FACTOR XI, analysis/ HEPARIN/ HUMAN/ SILVER/ SODIUM DODECYL SULFATE

2580. **George AE, Kishore PR, Chase NE:** Primary diseases of the cerebral blood vessels.
Semin Roentgenol 6:34-47, Jan 71
ADULT/ ANGIOMATOSIS/ ARTERIOVENOUS MALFORMATIONS, radiography/ ARTERITIS/ CAROTID ARTERIES, radiography/ CAROTID ARTERY DISEASES, radiography/ CEREBRAL ANEURYSM, radiography/ CEREBRAL ANGIOGRAPHY/ CEREBRAL ARTERIOSCLEROSIS, complications/ CEREBRAL ARTERIOSCLEROSIS, radiography/ CEREBRAL HEMORRHAGE, radiography/ *CEREBROVASCULAR DISORDERS, classification/ CEREBROVASCULAR DISORDERS, etiology/ COLLATERAL CIRCULATION/ HEMATOMA, radiography/ HUMAN/ HYPERTENSION, complications/ INNOMINATE ARTERY, radiography/ MALE/ TELANGIECTASIS

2581. **George JN:** Direct assessment of platelet adhesion to glass: a study of the forces of interaction and the effects of plasma and serum factors, platelet function, and modification of the glass surface.
Blood 40:862-74, Dec 72
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ASPIRIN, pharmacodynamics/ BLOOD COAGULATION/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ CALCIUM, metabolism/ CENTRIFUGATION/ CLOT RETRACTION/ FIBRINOGEN, metabolism/ *GLASS/ HEMOPHILIA, blood/ HUMAN/ MAGNESIUM, metabolism/ *PLATELET ADHESIVENESS/ POLYETHYLENES/ SILICONES/ SURFACE PROPERTIES/ THROMBIN, metabolism/ VON WILLEBRAND'S DISEASE, blood

2582. **George JN:** Direct assessment of platelet adhesion to glass: a study of the forces of interaction and the effects of plasma and serum factors, platelet function, and modification of the glass surface.
Blood 40:862-74, Dec 72
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADSORPTION/ ANTICOAGULANTS, pharmacodynamics/ ASPIRIN, pharmacodynamics/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ BLOOD GROUP INCOMPATIBILITY/ CALCIUM, pharmacodynamics/ FIBRINOGEN/ *GLASS/ HEMOPHILIA, blood/ HUMAN/ MAGNESIUM, pharmacodynamics/ *PLATELET ADHESIVENESS/ POLYETHYLENES, pharmacodynamics/ TEMPERATURE/ THROMBIN/ VON WILLEBRAND'S DISEASE, blood

2583. **Georges F, Martin J, Beurey J, et al:** Le traitement des angiomes plans par phosphore 32. Bilan de 14 années d'expérience.
Bull Soc Fr Dermatol Syphiligr 79:180-3, 1972 (Fre)
ADOLESCENCE/ ADULT/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ ESTHETICS/ FEMALE/ *HEMANGIOMA, radiotherapy/ HUMAN/ INFANT/ LONG TERM CARE/ MALE/ METHODS/ MIDDLE AGE/ *PHOSPHORUS ISOTOPES, administration & dosage/ PROGNOSIS/ PSYCHOLOGY/ RADIOTHERAPY DOSAGE

2584. **Gérard P, Moriau M, Bachy A, et al:** Meningococcal purpura: report of 19 patients treated with heparin.
J Pediatr 82:780-6, May 73
ADOLESCENCE/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CHILD/ CHILD, PRESCHOOL/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ FIBRINOGEN, analysis/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ INFANT/ MALE/ *MENINGOCOCCAL INFECTIONS, complications/ PROTHROMBIN TIME/ PURPURA, drug therapy/ *PURPURA, etiology/ SHOCK

2585. **Geratz JD:** Synthetic low molecular weight inhibitors of thrombin. Folia Haematol (Leipz) 98:455-70, 1972
AMINO ACID SEQUENCE/ ANILINE COMPOUNDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ANTITHROMBIN, chem synthesis/ BLOOD COAGULATION TESTS/ CATTLE/ CHEMISTRY/ FIBRINOGEN, metabolism/ HUMAN/ MOLECULAR WEIGHT/ PEPTIDES/ PROTHROMBIN TIME/ SULFONES, pharmacodynamics/ SULFONIC ACIDS, pharmacodynamics/ THROMBIN, metabolism/ THROMBOPLASTIN

2586. **Geratz JD:** Structure-activity relationships for the inhibition of plasmin and plasminogen activation by aromatic diamidines and a study of the effect of plasma proteins on the inhibition process.
Thromb Diath Haemorrh 29:154-67, 28 Feb 73
*AMIDINES, pharmacodynamics/ AMINOCAPROIC ACID, pharmacodynamics/ *BLOOD PROTEINS, pharmacodynamics/ CHEMISTRY/ ENZYME ACTIVATION, drug effects/ *FIBRINOLYSIN, antagonists & inhibitors/ HUMAN/ KALLIKREIN, pharmacodynamics/ *PLASMINOGEN, antagonists & inhibitors/ STRUCTURE-ACTIVITY RELATIONSHIP/ THROMBIN, pharmacodynamics/ TRYPSIN, pharmacodynamics

2587. **Géraud J, Rascol A, Bierme R, et al:** Troubles de la fonction plaquettaire et accidents ischémiques cérébraux. Perspectives thérapeutiques.
Rev Neurol (Paris) 126:31-40, Jan 72 (Fre)
ADULT/ *ASPIRIN, therapeutic use/ BLOOD COAGULATION TESTS/ *BLOOD PLATELET DISORDERS, complications/ BLOOD PLATELET DISORDERS, drug therapy/ CEREBRAL EMBOLISM AND THROMBOSIS, etiology/ CEREBRAL EMBOLISM AND THROMBOSIS, prevention & control/ CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ *CEREBRAL ISCHEMIA, TRANSIENT, etiology/ *CEREBROVASCULAR DISORDERS, etiology/ *DIPYRIDAMOLE, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ MIDDLE AGE/ PLATELET ADHESIVENESS/ PLATELET ADHESIVENESS, drug effects

2588. **Gerdes H, Littmann KP, Egbring R, et al:** Die Wirkung von Heparin und Xylocain auf die Adrenalin- und Noradrenalinausscheidung bei patienten mit Herzinfarkt.
Verh Dtsch Ges Inn Med 77:896-900, 1971 (Ger)
*EPINEPHRINE, urine/ *HEPARIN, therapeutic use/ HUMAN/ *LIDOCAINE, therapeutic use/ *MYOCARDIAL INFARCT, urine/ *NOREPINEPHRINE, urine/ PLATELET ADHESIVENESS, drug effects

2589. **Gergely J, Wang AC, Fudenberg HH:** Chemical analyses of variable regions of heavy and light chains of cold agglutinins. Vox Sang 24:432-40, May 73
*AGGLUTININS/ AMINO ACID SEQUENCE/ *AUTOANTIBODIES, analysis/ *COLD/ *IMMUNOGLOBULIN FRAGMENTS, analysis/ PEPTIDE HYDROLASES/ PEPTIDES, analysis

2590. **Gerig JT, Rimerman RA:** Nuclear magnetic resonance studies of the interaction of N-formyltryptophanate with -chymotrypsin.
J Am Chem Soc 94:7549-58, 18 Oct 72
CHEMISTRY/ *CHYMOTRYPSIN/ FORMIC ACIDS/ MOLECULAR CONFORMATION/

NUCLEAR MAGNETIC RESONANCE/ PROTEIN CONFORMATION/ *TRYPTOPHAN

2591. **Gerig JT, Rimerman RA:** Nuclear magnetic resonance studies of the interaction of N-acetyltryptophan with -chymotrypsin. J Am Chem Soc 94:7565-9, 18 Oct 72
ACETIC ACIDS/ CHEMISTRY/ *CHYMOTRYPSIN/ NUCLEAR MAGNETIC RESONANCE/ *TRYPTOPHAN

2592. **Gerig JT, Rimerman RA:** Nuclear magnetic resonance studies of the interaction of N-trifluoroacetyltryptophanate with -chymotrypsin. J Am Chem Soc 94:7558-64, 18 Oct 72
ACETIC ACIDS/ CHEMISTRY/ *CHYMOTRYPSIN/ FLUORINE/ KINETICS/ NUCLEAR MAGNETIC RESONANCE/ *TRYPTOPHAN

2593. **Gerisch V, Caisow P, Schlegelmilch R:** Beobachtungen zur chronischen Toxizität von Warfarin für Broilerküken.
Monatsh Vet Med 28:51-4, 15 Jan 73 (Ger)
ANIMAL EXPERIMENTS/ CHICKENS/ ENGLISH ABSTRACT/ *POISONING, veterinary/ *POULTRY DISEASES, chemically induced/ *WARFARIN, poisoning

2594. **Gerl D, Ehrhardt G, Eichhorn KH:** Quantitative Bestimmungen einzelner Zottenbestandteil an der normalen Plazenta.
Zentralbl Gynaekol 95:8-11, 5 Jan 73 (Ger)
CONNECTIVE TISSUE/ FEMALE/ FIBRIN, analysis/ HISTOLOGICAL TECHNICS/ HUMAN/ MICROSCOPY/ PLACENTA, analysis/ *PLACENTA, anatomy & histology/ PLACENTA, blood supply/ PREGNANCY/ STATISTICS/ TROPHOBLAST

2595. **Gerloff J, Von Kaulla KN:** Prevention of dog serum-induced aggregation of pig platelets.
Proc Soc Exp Biol Med 141:298-303, Oct 72
ANIMAL EXPERIMENTS/ *BLOOD/ CELLULOSE, pharmacodynamics/ COMPLEMENT/ DOGS/ FIBRINOLYTIC AGENTS, pharmacodynamics/ FLUFENAMIC ACID, pharmacodynamics/ HEPARIN, pharmacodynamics/ MALE/ *PLATELET ADHESIVENESS/ PLATELET ADHESIVENESS, drug effects/ POLYSACCHARIDES, pharmacodynamics/ SULFONIC ACIDS, pharmacodynamics/ SWINE/ *TRANSPLANTATION IMMUNOLOGY

2596. **Germanov AB, Sokolov MI, Myasnikova IA, et al:** Some biological and physico-chemical properties of plaque mutants of fowl plague virus. Brief report.
Arch Gesamte Virusforsch 39:389-92, 1972
CENTRIFUGATION, DENSITY GRADIENT/ CHICK EMBRYO/ CHROMATOGRAPHY, DEAE-CELLULOSE/ FIBROBLASTS/ *FOWL PLAGUE VIRUS/ FOWL PLAGUE VIRUS, drug effects/ FOWL PLAGUE VIRUS, radiation effects/ MUTAGENS/ *MUTATION/ PROTAMINES, pharmacodynamics/ RADIATION EFFECTS/ SODIUM CHLORIDE/ TEMPERATURE/ TISSUE CULTURE/ ULTRAVIOLET RAYS/ VIRUS REPLICATION

2597. **Germanov AB, Sokolov MI, Parasiuk NA:** The application of DEAE-cellulose column chromatography to the selection of S + revertants and determination of reversion frequency in populations of S - mutants of fowl plague virus.
J Gen Virol 17:49-54, Oct 72
CHICK EMBRYO/ *CHROMATOGRAPHY, DEAE-CELLULOSE/ CULTURE MEDIA/ EVALUATION STUDIES/ FIBROBLASTS/ FOWL PLAGUE VIRUS, growth & development/ *FOWL PLAGUE VIRUS, isolation & purification/ GENETICS, MICROBIAL/ HEMAGGLUTINATION TESTS/ HYDROXYLAMINES/ MUTAGENS/ *MUTATION/ PROTAMINES/ SODIUM CHLORIDE/ TISSUE CULTURE

2598. **Germanov VA, Kabanov IN:** Kompleksnoe immunomorfologicheskoe issledovanie trombotsitov v diagnostike trombotsitopatii i vozmozhnosti kompleksnoi terapii. Lab Delo 12:750-3, 1972 (Rus)
*ANEMIA, immunology/ ANEMIA, therapy/ *ANTIBODY FORMATION/ ANTIGEN-ANTIBODY COMPLEX/ ANTINEOPLASTIC AGENTS, therapeutic use/ AUTOANTIBODIES/ *BLOOD PLATELETS, immunology/ BLOOD TRANSFUSION/ DIPHENHYDRAMINE, therapeutic use/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ ISOANTIBODIES/ *LEUKEMIA, immunology/ LEUKEMIA, therapy/ *PURPURA, THROMBOPENIC, immunology/ PURPURA, THROMBOPENIC, therapy

2599. **Gerő S, Bihari-Varga M, Virág S:** Studies in the functional properties of vascular mucopolysaccharides.
Adv Metab Disord 2:Suppl 2:103-10, 1973
ANIMAL EXPERIMENTS/ AORTA, drug effects/ *AORTA, metabolism/ *ARTERIOSCLEROSIS, metabolism/ CHICKENS/ CHOLESTEROL, metabolism/ CHONDROITIN, metabolism/ FISHES/ GLUCURONIDASE, metabolism/ HEPARIN, pharmacodynamics/ HUMAN/ *LIPOPROTEINS, metabolism/ LIVER, enzymology/ *MUCOPOLYSACCHARIDES, metabolism/ PHOSPHOLIPIDS, metabolism/ PROTEINS, metabolism/ RABBITS/ SNAILS/ SPECIES SPECIFICITY/ TRIGLYCERIDES, metabolism

2600. **Gershen HJ:** Blood labeling. JAMA 224:250, 9 Apr 73
*BLOOD DONORS/ *BLOOD PRESERVATION/ RACIAL STOCKS

2601. **Gershwin ME, Gude JK:** Deep vein thrombosis and pulmonary embolism in congenital factor VII deficiency. N Engl J Med 288:141-2, 18 Jan 73
ADULT/ FACTOR VII, therapeutic use/ FEMORAL VEIN/ HEPARIN, therapeutic use/ HUMAN/ *HYPOPROCONVERTINEMIA, complications/ HYPOPROCONVERTINEMIA, drug therapy/ MALE/ *PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, drug therapy/ *THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, drug therapy

2602. **Gerson DE, Lewicki AM:** Intramural small bowel hemorrhage: complication of sprue.
Radiology 108:521-2, Sep 73
DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HEMATOMA, etiology/ HEMATURIA, etiology/ *HEMORRHAGE, GASTROINTESTINAL, etiology/ HEMORRHAGE, GASTROINTESTINAL, radiography/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ INTESTINAL NEOPLASMS, radiography/ *INTESTINE, SMALL/ INTESTINE, SMALL, radiography/ LYMPHOMA, radiography/ MIDDLE AGE/ RETROPERITONEAL SPACE/ *SPRUE, complications

2603. **Gersony WM:** Persistence of the fetal circulation: a commentary. J Pediatr 82:1103-6, Jun 73
ANOXEMIA, physiopathology/ BLOOD VISCOSITY/ CYANOSIS, diagnosis/ CYANOSIS, etiology/ DIAGNOSIS, DIFFERENTIAL/ EXCHANGE TRANSFUSION/ HEART CATHETERIZATION/ *HEART DEFECTS, CONGENITAL, diagnosis/ HUMAN/ HYPOGLYCEMIA, congenital/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, diagnosis/ POLYCYTHEMIA, etiology/ RESPIRATORY DISTRESS SYNDROME, diagnosis/ RESPIRATORY DISTRESS SYNDROME, etiology/ VASCULAR RESISTANCE

2604. **Gerstenbrand F, Lücking CH, Musiol A:** Wczesny obraz kliniczny wtórnych uszkodzeń pnia mózgu po urazach czaszki.
Pol Tyg Lek 28:1019-22, 2 Jul 73 (Pol)
BRAIN EDEMA, etiology/ *BRAIN INJURIES, ACUTE, complications/ *BRAIN STEM/ CEREBRAL HEMORRHAGE, etiology/ ENGLISH ABSTRACT/ HEMATOMA, etiology/ HUMAN/ INTRACRANIAL PRESSURE/ SYNDROME/ TIME FACTORS

2605. **Gertler A, Tencer Y, Tinman G:** Simultaneous detection of trypsin and chymotrypsin with p-nitroanilide substrates on cellulose acetate electropherograms. Anal Biochem 54:270-1, Jul 73
ANILIDES/ CATTLE/ CELLULOSE/ *CHYMOTRYPSIN, analysis/ ELECTROPHORESIS/ METHODS/ NITRO COMPOUNDS/ PRONASE, analysis/ SWINE/ *TRYPSIN, analysis

2606. **Gervin AS, Limbird TJ, Puckett CL, et al:** Ultrapore hemofiltration. The effects on the coagulation and fibrinolytic mechanisms in fresh and stored blood. Arch Surg 106:333-6, Mar 73
*BLOOD COAGULATION/ BLOOD PLATELETS/ *BLOOD PRESERVATION/ *FIBRINOLYSIS/ HUMAN/ MICROCIRCULATION/ PLATELET ADHESIVENESS/ POLYETHYLENE TEREPHTHALATE/ PROTHROMBIN TIME/ THROMBIN/ THROMBOPLASTIN/ *ULTRAFILTRATION

2607. **Gervin AS, Puckett CL, Silver D:** Serosal hypofibrinolysis. A cause of postoperative adhesions. Am J Surg 125:80-8, Jan 73
ADHESIONS/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, drug effects/ COLON/ DOGS/ FIBRINOGEN, metabolism/ *FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, administration & dosage/ FIBRINOLYTIC AGENTS, pharmacodynamics/ HEMATOCRIT/ ILEUM/ OMENTUM/ *PERITONEUM/ PERITONEUM, injuries/ *POSTOPERATIVE COMPLICATIONS/ RECURRENCE/ STOMACH/ WOUND HEALING, drug effects

2608. **Gesler RM:** Toxicology of di-2-ethylhexyl phthalate and other phthalic acid ester plasticizers. Environ Health Perspect 3:73-9, Jan 73 (26 ref.)
ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ BLOOD PRESERVATION/ BLOOD PRESERVATION, instrumentation/ CELL SURVIVAL, drug effects/ CELLS, CULTURED/ DIET/ DOGS/ DRUG CONTAINERS AND CLOSURES/ DRUG STORAGE/ ERYTHROCYTES, drug effects/ ESTERS, toxicity/ GUINEA PIGS/ HUMAN/ INJECTIONS, INTRAPERITONEAL/ LETHAL DOSE 50/ MICE/ PHTHALIC ACID, administration & dosage/ PHTHALIC ACID, blood/ *PHTHALIC ACID, toxicity/ *PLASTICS, toxicity/ RABBITS/ RATS/ REVIEW/ TIME FACTORS

2609. **Gestrelius S, Mattiasson B, Mosbach K:** On the regulation of the activity of immobilized enzymes. Microenvironmental effects of enzyme-generated pH changes. Eur J Biochem 36:89-96, 2 Jul 73
ACRYLIC RESINS/ AMIDES/ ARGININE/ BENZOATES/ BINDING, COMPETITIVE/ ESTERS/ GLUCOSE/ *GLUCOSE OXIDASE, metabolism/ *HEXOKINASE, metabolism/ *HYDROGEN-ION CONCENTRATION/ KINETICS/ MODELS, BIOLOGICAL/ SOLUBILITY/ *TRYPSIN, metabolism/ *UREASE, metabolism

2610. **Geyer G, Schaaf P:** Ultrahistochemische Untersuchungenan Megakaryozytem-Membranen. Folia Haematol (Leipz) 98:233-45, 1972 (Ger)
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, analysis/ *CELL DIVISION, analysis/ ENGLISH ABSTRACT/ GOLGI APPARATUS, analysis/ GUINEA PIGS/ HISTOCYTOCHEMISTRY/ *MEGAKARYOCYTES, analysis/ MICROSCOPY, ELECTRON/ *MUCOPOLYSACCHARIDES, analysis/ MUCOPOLYSACCHARIDES, blood

2611. **Ghanem MH, Guirgis FK, el-Sawy M:** Effect of buformin on fibrinolytic activity in rheumatoid arthritis. Arzneim Forsch 22:1487-9, Sep 72
ADOLESCENCE/ ADULT/ ANTIDIABETICS/ *ARTHRITIS, RHEUMATOID/ ARTHRITIS, RHEUMATOID, blood/ ARTHRITIS, RHEUMATOID, drug therapy/ *BIGUANIDES, pharmacodynamics/ BIGUANIDES, therapeutic use/ BLOOD SEDIMENTATION/ BLOOD SUGAR, analysis/ BUTANES, pharmacodynamics/ BUTANES, therapeutic use/ FEMALE/ FIBRINOGEN/ *FIBRINOLYSIS, drug effects/ HUMAN/ MALE/ MIDDLE AGE

2612. **Ghartey KN, Basu PK, Matuk Y:** Platelet aggregation in corneal xenograft reaction. Can J Ophthalmol 8:344-8, Apr 73
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ *BLOOD PLATELETS, immunology/ CARBON ISOTOPES/ CATTLE/ CORNEA, metabolism/ *CORNEA, transplantation/ *GRAFT REJECTION/ PLATELET ADHESIVENESS/ RABBITS/ SEROTONIN, metabolism/ TIME FACTORS/ *TRANSPLANTATION, HETEROLOGOUS

2613. **Ghosh BC, Cliffton EE:** Malignant tumors with superior vena cava obstruction. NY State J Med 73:283-9, 15 Jan 73
ADOLESCENCE/ ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ BREAST NEOPLASMS, complications/ CARCINOMA, complications/ CHILD/ FEMALE/ HUMAN/ LUNG NEOPLASMS, complications/ LYMPHOMA, complications/ MALE/ MELANOMA, complications/ MIDDLE AGE/ SARCOMA, complications/ STOMACH NEOPLASMS, complications/ *THORACIC NEOPLASMS, complications/ VASCULAR DISEASES, drug therapy/ VASCULAR DISEASES, etiology/ *VENA CAVA, SUPERIOR

2614. **Ghosh ML:** Primary haemorrhagic thrombocythaemia with Philadelphia chromosome. Postgrad Med J 48:686-8, Nov 72
AGED/ CASE REPORT/ *CHROMOSOME ABERRATIONS/ *CHROMOSOMES, HUMAN, 21-22/ FEMALE/ *HEMORRHAGIC THROMBOCYTHEMIA, familial & genetic/ HUMAN/ KARYOTYPING

2615. **Ghosh SS, Laxminarayana H:** Haemolysins of staphylococci. Indian J Exp Biol 10:298-300, Jul 72
ANIMAL EXPERIMENTS/ COAGULASE, analysis/ *HEMOLYSINS, analysis/ HUMAN/ MICE/ MILK, microbiology/ RABBITS/ *STAPHYLOCOCCUS, analysis/ STAPHYLOCOCCUS, isolation & purification/ STAPHYLOCOCCUS, pathogenicity

2616. **Giacobino JP, Favarger P:** Some characteristics of D-glucose uptake by isolated plasma membranes of rat white adipose tissue. Life Sci [II] 11:763-71, 8 Aug 72
ADIPOSE TISSUE, cytology/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, drug effects/ CARBON ISOTOPES/ *CELL MEMBRANE, metabolism/ CELL MEMBRANE PERMEABILITY, drug effects/ COLD/ DIFFUSION/ *GLUCOSE, metabolism/ IN VITRO/ INSULIN, pharmacodynamics/ MALE/ OSMOLAR CONCENTRATION/ OSMOSIS, drug effects/ PHLORHIZIN, pharmacodynamics/ PHOSPHOLIPASE, pharmacodynamics/ RATS/ SORBITOL, metabolism/ TIME FACTORS/ TRYPSIN, pharmacodynamics

2617. **Giarola P, Egge H, Gibelli A, et al:** -Pyridylcarbinol in experimental hypercholesterinemia of the rabbit. Study of lipidic fractions and of the mechanisms of hemostasis. Farmaco [Sci] 27:1018-23, Nov 72
ALCOHOL, METHYL, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ FIBRINOLYSIS, drug effects/ *HEMOSTASIS/ HYPERCHOLESTEREMIA, blood/ *HYPERCHOLESTEREMIA, drug therapy/ *LIPIDS, blood/ PLATELET ADHESIVENESS, drug effects/ *PYRIDINES, pharmacodynamics/ RABBITS/ VASODILATOR AGENTS, pharmacodynamics

2618. **Gibson RA, Paleg LG:** Lysosomal nature of hormonally induced enzymes in wheat aleurone cells. Biochem J 128:367-75, Jun 72
AMYLASE, analysis/ CELL FRACTIONATION/ GIBBERELLINS/ *LYSOSOMES, enzymology/

NUCLEIC ACIDS, metabolism/ PEPTIDE HYDROLASES, analysis/ *PLANTS, enzymology/ RIBONUCLEASE, analysis/ SEEDS, enzymology/ *WHEAT, enzymology

2619. **Gidez LI:** Effect of dietary fat on pancreatic lipase levels in the rat. J Lipid Res 14:169-77, Mar 73
AMYLASE, metabolism/ ANIMAL EXPERIMENTS/ ANIMAL FEED/ ANIMAL NUTRITION/ CHOLESTEROL, pharmacodynamics/ CHOLESTEROL, DIETARY/ CHYMOTRYPSINOGEN, metabolism/ CORN/ DIETARY CARBOHYDRATES/ *DIETARY FATS/ DIETARY FATS, administration & dosage/ GLUCOSE, pharmacodynamics/ *LIPASE, metabolism/ MALE/ OILS, administration & dosage/ OILS, pharmacodynamics/ PANCREAS, drug effects/ *PANCREAS, enzymology/ PANCREAS, metabolism/ PROTEINS, metabolism/ RATS/ STARCH, pharmacodynamics/ TRYPSINOGEN, metabolism

2620. **Gieske JC:** Heparin therapy.
N Engl J Med 287:1102, 23 Nov 72
*HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL

2621. **Gifford RR, Plaut MR, McLeary RD:** Retained surgical sponge following laminectomy.
JAMA 223:1040, 26 Feb 73
*ABSCESS, etiology/ *FOREIGN BODIES/ *HEMOSTASIS, instrumentation/ HUMAN/ *LAMINECTOMY/ NEUROLOGIC MANIFESTATIONS/ POSTOPERATIVE COMPLICATIONS/ *RADICULITIS, etiology/ *SPINAL CANAL/ *SPINAL CORD COMPRESSION, etiology/ *SURGICAL EQUIPMENT

2622. **Gigante D:** La terapia dell'artrite reumatoide con farmaci immunocitotossici.
Minerva Med 64:2412-7, 20 Jun 73 (Ita)
ADOLESCENCE/ AGE FACTORS/ *ANTINEOPLASTIC AGENTS, therapeutic use/ *ARTHRITIS, RHEUMATOID, drug therapy/ AZATHIOPRINE, administration & dosage/ AZATHIOPRINE, adverse effects/ AZATHIOPRINE, therapeutic use/ BLOOD PLATELET DISORDERS, chemically induced/ CHILD/ CHILD, PRESCHOOL/ CHLORAMBUCIL, administration & dosage/ CHLORAMBUCIL, therapeutic use/ CYCLOPHOSPHAMIDE, administration & dosage/ CYCLOPHOSPHAMIDE, therapeutic use/ HUMAN/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use

2623. **Gilbert HS:** The spectrum of myeloproliferative disorders.
Med Clin North Am 57:355-93, Mar 73 (129 ref.)
BLOOD PLATELETS/ CELL DIFFERENTIATION/ DIAGNOSIS, DIFFERENTIAL/ ERYTHREMIC MYELOSIS, physiopathology/ HEMATOCRIT/ HEMATOPOIETIC STEM CELLS, physiology/ HEMORRHAGIC THROMBOCYTHEMIA, etiology/ HEMORRHAGIC THROMBOCYTHEMIA, physiopathology/ HUMAN/ KARYOTYPING/ LEUKEMIA, MYELOCYTIC, diagnosis/ LEUKEMIA, MYELOCYTIC, physiopathology/ LEUKEMOID REACTION, diagnosis/ MEGAKARYOCYTES/ MYELOFIBROSIS, physiopathology/ MYELOID METAPLASIA, diagnosis/ MYELOID METAPLASIA, physiopathology/ *MYELOPROLIFERATIVE DISORDERS/ MYELOPROLIFERATIVE DISORDERS, classification/ MYELOPROLIFERATIVE DISORDERS, familial & genetic/ OSTEOSCLEROSIS, physiopathology/ POLYCYTHEMIA, physiopathology/ POLYCYTHEMIA VERA, blood/ POLYCYTHEMIA VERA, complications/ POLYCYTHEMIA VERA, physiopathology/ REVIEW/ THROMBOCYTOSIS/ URIC ACID, metabolism

2624. **Gilbertas A, Blanchard H, Bremant M:** Segmentectomie d'hémostase (segment IV) aprés hé atectpqe drpote pour kyste hydatique.
Chirurgie 98:768-72, 13 Dec 73 (Fre)
ADULT/ *ECHINOCOCCOSIS, HEPATIC, surgery/ ENGLISH ABSTRACT/ FEMALE/ *HEMOSTASIS/ *HEPATECTOMY/ HUMAN/ METHODS

2625. **Gilchrest BA, Deykin D, Bleich HL:** A computer-based teaching program in hemostasis. Blood 40:560-7, Oct 72
*COMPUTERS, DIGITAL/ EDUCATION, MEDICAL/ *HEMOSTASIS/ *PROGRAMMED INSTRUCTION/ UNITED STATES

2626. **Gilchrist GS:** Platelet disorders.
Pediatr Clin North Am 19:1047-60, Nov 72
ANTIBODY FORMATION/ ASPIRIN, adverse effects/ BLOOD CELL COUNT/ BLOOD COAGULATION DISORDERS, chemically induced/ BLOOD COAGULATION TESTS/ *BLOOD PLATELET DISORDERS/ BLOOD PLATELET DISORDERS, diagnosis/ BLOOD PLATELET DISORDERS, etiology/ BLOOD PLATELET DISORDERS, familial & genetic/ BLOOD PLATELET DISORDERS, immunology/ BLOOD PLATELETS, physiology/ BONE MARROW, pathology/ CAPILLARY FRAGILITY/ CELL AGGREGATION/ CLOT RETRACTION/ COLLAGEN/ HUMAN/ KIDNEY DISEASES, complications/ LEUKEMIA, MYELOCYTIC, complications/ LIVER DISEASES, complications/ PLATELET ADHESIVENESS/ THROMBOPENIA, pathology

2627. **Gilday DL, James AE:** Perfusion lung scan patterns in patients with pulmonary embolism, emphysema & pulmonary edema.
CRC Crit Rev Radiol Sci 3:321-61, 1972 (76 ref.)
ALPHA GLOBULIN/ ASTHMA, complications/ CARCINOMA, BRONCHOGENIC, complications/ CHORIOCARCINOMA, complications/ CYSTIC FIBROSIS, complications/ DIAGNOSIS, COMPUTER ASSISTED/ FEMALE/ HEART FAILURE, CONGESTIVE, diagnosis/ HUMAN/ METABOLISM, INBORN ERRORS/ PERFUSION/ POSTURE/ *PULMONARY EDEMA, diagnosis/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, etiology/ *PULMONARY EMPHYSEMA, diagnosis/ PULMONARY EMPHYSEMA, etiology/ *RADIOISOTOPE SCANNING/ RADIOISOTOPES/ REVIEW/ SERUM ALBUMIN, RADIO-IODINATED, diagnostic use/ TECHNETIUM, diagnostic use/ TRYPSIN INHIBITORS/ UTERINE NEOPLASMS, complications/ XENON, diagnostic use

2628. **Gill DM, Pappenheimer AM Jr, Uchida T:** Diphtheria toxin, protein synthesis, and the cell.
Fed Proc 32:1508-15, Apr 73 (28 ref.)
ADENOSINE DIPHOSPHATE/ ANTIGENIC DETERMINANTS/ *BINDING SITES/ CARBON ISOTOPES/ CELL MEMBRANE PERMEABILITY/ *CELLS/ CROSS REACTIONS/ DIPHTHERIA, enzymology/ DIPHTHERIA ANTITOXIN/ *DIPHTHERIA TOXIN/ DISULFIDES/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL DIFFUSION TESTS/ GUANOSINE TRIPHOSPHATE/ HELA CELLS/ HUMAN/ IN VITRO/ NAD/ NICOTINAMIDE/ PEPTIDE ELONGATION FACTORS/ PEPTIDE HYDROLASES/ PEPTIDES/ *PROTEINS, biosynthesis/ REVIEW/ RIBOSOMES/ RNA, TRANSFER/ TRYPSIN

2629. **Gill W, Long WB, MacLennan WD:** Haemangioma of the mandible. J R Coll Surg Edinb 18:52-7, Jan 73
CHILD/ CRYOGENIC SURGERY/ FEMALE/ *HEMANGIOMA, surgery/ HUMAN/ *MANDIBULAR NEOPLASMS, surgery

2630. **Gill W, Long WB:** Shock.
J R Coll Surg Edinb 17:304-14, Sep 72 (89 ref.)
CENTRAL VENOUS PRESSURE/ COLLOIDS/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ HUMAN/ INSULIN, metabolism/ LIPIDS, metabolism/ LYSOSOMES, enzymology/ MICROCIRCULATION/ PROTEINS,

metabolism/ RESPIRATORY INSUFFICIENCY, etiology/ RETICULOENDOTHELIAL SYSTEM, physiopathology/ REVIEW/ *SHOCK/ SHOCK, drug therapy/ SHOCK, etiology/ SHOCK, metabolism/ SHOCK, ENDOTOXIC, physiopathology/ SHOCK, HEMORRHAGIC, drug therapy/ SHOCK, TRAUMATIC, complications/ VASOCONSTRICTOR AGENTS, therapeutic use

2631. Gillen RG, Riggs A: Structure and function of the hemoglobins of the carp, Cyprinus carpio.
J Biol Chem 247:6039-46, 10 Oct 72
ADENOSINE TRIPHOSPHATE/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CARBON DIOXIDE/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ *CYPRINIDAE/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ GLOBIN, analysis/ GLOBIN, isolation & purification/ *HEMOGLOBIN/ HEMOGLOBIN, analysis/ HEMOGLOBIN, isolation & purification/ HYDROGEN-ION CONCENTRATION/ MACROMOLECULAR SYSTEMS/ MODELS, CHEMICAL/ OXYGEN/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SODIUM CHLORIDE/ TRYPSIN

2632. Gillen RG, Riggs A: The hemoglobins of a fresh-water teleost, Cichlasoma cyanoguttatum (Baird and Girard). II. Subunit structure and oxygen equilibria of the isolated components.
Arch Biochem Biophys 154:348-59, Jan 73
ADENOSINE TRIPHOSPHATE/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHEMISTRY/ CHROMATOGRAPHY/ CHROMATOGRAPHY, ION EXCHANGE/ DIALYSIS/ ELECTROPHORESIS/ FISHES/ *HEMOGLOBIN, analysis/ HEMOGLOBIN, isolation & purification/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ *OXYGEN, analysis/ PEPTIDES, isolation & purification/ TRYPSIN/ ULTRACENTRIFUGATION

2633. Gillen RG, Riggs A: Structure and function of the isolated hemoglobins of the American eel, Anguilla rostrata. J Biol Chem 248:1961-9, 25 Mar 73
ADENOSINE TRIPHOSPHATE/ *AMINO ACIDS, analysis/ *ANGUILLA, metabolism/ ANIMAL EXPERIMENTS/ BLOOD PROTEIN ELECTROPHORESIS/ CARBON DIOXIDE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GENES/ GENETICS, BIOCHEMICAL/ GLOBIN, analysis/ GLOBIN, isolation & purification/ *HEMOGLOBIN/ HEMOGLOBIN, analysis/ HEMOGLOBIN, isolation & purification/ HEMOGLOBIN, physiology/ HISTIDINE, analysis/ HYDROGEN-ION CONCENTRATION/ MACROMOLECULAR SYSTEMS/ OXIDATION-REDUCTION/ OXYGEN, blood/ *PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PROTEIN BINDING/ SPECIES SPECIFICITY/ TRYPSIN

2634. Gillespie G: Peripheral gangrene as the presentation of myeloproliferative disorders.
Br J Surg 60:377-80, May 73
ADULT/ AGED/ *EXTREMITIES/ FEMALE/ FINGERS, blood supply/ FOOT, blood supply/ *GANGRENE, etiology/ HUMAN/ ISCHEMIA, etiology/ ISCHEMIA, therapy/ MALE/ MIDDLE AGE/ *MYELOPROLIFERATIVE DISORDERS, complications/ PHENOLS, administration & dosage/ POLYCYTHEMIA VERA, complications/ POLYCYTHEMIA VERA, pathology/ SYMPATHECTOMY/ THROMBOCYTOSIS, complications/ THROMBOCYTOSIS, surgery

2635. Gillespie JA: Advances in the treatment of peripheral vascular disease.
Practitioner 209:519-27, Oct 72 (21 ref.)
AMPUTATION/ ANGIOGRAPHY/ AORTA/ AORTIC ANEURYSM, surgery/ ARTERIAL OCCLUSIVE DISEASES, radiography/ ARTERIAL OCCLUSIVE DISEASES, surgery/ CEREBROVASCULAR DISORDERS, surgery/ FEMORAL ARTERY/ FIBRINOGEN, diagnostic use/ HUMAN/ HYPERTENSION, RENAL, surgery/ ILIAC ARTERY/ IODINE ISOTOPES, DIAGNOSTIC/ PHLEBOGRAPHY/ POPLITEAL ARTERY/ REVIEW/ SYMPATHECTOMY/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, radiography/ *VASCULAR DISEASES, surgery

2636. Gillet M, Jaeck D, Marescaux J, et al: Un cas d'hématome intramural de l'intestin grêle au cours d'un traitement par les anticoagulants. Résection intestinale. Guérison.
Acta Chir Belg 71:352-61, Oct 72 (Fre)
DIET THERAPY/ ENGLISH ABSTRACT/ *ETHYL BISCOUMACETATE, adverse effects/ ETHYL BISCOUMACETATE, therapeutic use/ *HEMATOMA, chemically induced/ HEMATOMA, complications/ HEMATOMA, surgery/ HEMATOMA, therapy/ HEMOPERITONEUM, etiology/ HUMAN/ *INTESTINAL OBSTRUCTION, etiology/ INTESTINAL OBSTRUCTION, surgery/ INTESTINAL OBSTRUCTION, therapy/ JEJUNUM, blood supply/ JEJUNUM, surgery/ MALE/ MIDDLE AGE/ PROTHROMBIN/ THROMBOSIS, drug therapy/ VITAMIN K, therapeutic use

2637. Gillman T, Hallowes RC: Ultrastructural changes in rat livers induced by repeated injections of trypan blue.
Cancer Res 32:2393-9, Nov 72
ANIMAL EXPERIMENTS/ *CELL TRANSFORMATION, NEOPLASTIC/ COLLAGEN/ CONNECTIVE TISSUE, pathology/ CYSTS, pathology/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FIBRIN/ HEPATIC VEINS, pathology/ INJECTIONS, SUBCUTANEOUS/ KUPFFER CELLS/ LIVER, drug effects/ *LIVER, pathology/ LIVER DISEASES, pathology/ LIVER NEOPLASMS, chemically induced/ *LIVER NEOPLASMS, pathology/ LYMPHATIC SYSTEM, physiopathology/ MALE/ MICROSCOPY, ELECTRON/ MITOSIS/ MONOCYTES/ RATS/ RATS, INBRED STRAINS/ SARCOMA, EXPERIMENTAL, pathology/ *SARCOMA, RETICULUM CELL, pathology/ *TRYPAN BLUE/ TRYPAN BLUE, administration & dosage/ TRYPAN BLUE, toxicity

2638. Gillmann H, Colberg K, Keller HP, et al: Zur fibrinolytischen Behandlung des akuten Herzinfarktes. II. Deutsch-schweizerische Gemeinschaftsstudie. 2. Ergebnisse der elektrokardiographischen Untersuchungen.
Z Kardiol 62:193-214, Mar 73 (Ger)
CARDIAC GLYCOSIDES, therapeutic use/ ELECTROCARDIOGRAPHY/ FEMALE/ GERMANY, WEST/ HEART RATE/ HUMAN/ MALE/ MYOCARDIAL INFARCT, diagnosis/ *MYOCARDIAL INFARCT, drug therapy/ *STREPTOKINASE, therapeutic use/ SWITZERLAND/ TIME FACTORS

2639. Gilsdorf RB, Spanos P: Factors influencing morbidity and mortality in pancreaticoduodenectomy.
Ann Surg 177:332-7, Mar 73
AGED/ ALCOHOLISM, complications/ BILE DUCT NEOPLASMS, mortality/ *BILE DUCT NEOPLASMS, surgery/ CORONARY DISEASE, complications/ DRAINAGE/ *DUODENUM, surgery/ FEMALE/ GASTRECTOMY/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ HYPERBILIRUBINEMIA, complications/ JAUNDICE, complications/ MALE/ MIDDLE AGE/ OBESITY, complications/ *PANCREATECTOMY/ PANCREATIC NEOPLASMS, complications/ PANCREATIC NEOPLASMS, mortality/ *PANCREATIC NEOPLASMS, surgery/ POSTOPERATIVE COMPLICATIONS/ PROTHROMBIN TIME/ VAGOTOMY/ *VATER'S AMPULLA, surgery

2640. Ginsburg AD, Aster RH: Changes associated with platelet aging.
Thromb Diath Haemorrh 27:407-15, 31 Jul 72
ANIMAL EXPERIMENTS/ BLOOD CELL

COUNT/ BLOOD COAGULATION FACTORS, analysis/ BLOOD PLATELETS, analysis/ *BLOOD PLATELETS, physiology/ CELL SURVIVAL/ CHOLESTEROL, blood/ GLYCOGEN/ MALE/ PHOSPHOLIPIDS, blood/ PLATELET ADHESIVENESS/ RATS/ RATS, INBRED STRAINS/ SPECIFIC GRAVITY/ TYROSINE, blood

2641. **Ginsburg I:** Mechanisms of cell and tissue injury induced by group A streptococci: relation to poststreptococcal sequelae.
J Infect Dis 126:294-340, Sep 72 (368 ref.)
ANIMAL EXPERIMENTS/ ANTIBODIES/ ARTHRITIS, etiology/ DEOXYRIBONUCLEASE, metabolism/ GUINEA PIGS/ HAMSTERS/ HEMOLYSIS, drug effects/ HYALURONIDASE, metabolism/ HYDROLASES, metabolism/ KIDNEY GLOMERULUS, immunology/ LYMPHANGITIS, EPIZOOTIC, etiology/ MICE/ MONKEYS/ PEPTIDE HYDROLASES, metabolism/ RABBITS/ RATS/ RESPIRATORY TRACT DISEASES, complications/ REVIEW/ RHEUMATIC FEVER, immunology/ SKIN DISEASES, INFECTIOUS, complications/ *STREPTOCOCCAL INFECTIONS, complications/ STREPTOCOCCAL INFECTIONS, immunology/ STREPTOCOCCAL INFECTIONS, pathology/ STREPTOCOCCUS, enzymology/ STREPTOCOCCUS, pathogenicity/ STREPTOKINASE, metabolism/ STREPTOLYSIN, metabolism/ TOXINS, metabolism

2642. **Ginsburg I, Ne'eman N, Lahav M:** Effect of cationic and anionic polyelectrolytes and antibodies on the lysis of micrococci and streptococci by leukocyte lysates and lysozyme. Isr J Med Sci 9:663-8, May 73
*ANTIBODIES, BACTERIAL/ *BACTERIOLYSIS/ CARBON ISOTOPES/ CATTLE/ CHONDROITIN, pharmacodynamics/ HEPARIN, pharmacodynamics/ HISTONES, pharmacodynamics/ HUMAN/ *LEUKOCYTES/ MICROCOCCUS/ MICROSCOPY, ELECTRON/ MURAMIDASE, antagonists & inhibitors/ *MURAMIDASE, pharmacodynamics/ PROTAMINES, pharmacodynamics/ RABBITS, immunology/ *STAPHYLOCOCCUS/ *STREPTOCOCCUS

2643. **Ginter E:** Rol' askorbinovoi kisloty v metabolizme kholesterina (obzor literatury.
Vopr Pitan 31:25-32, Nov-Dec 72 (98 ref.) (Rus)
ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ AORTA, metabolism/ *ARTERIOSCLEROSIS, drug therapy/ *ASCORBIC ACID, therapeutic use/ *ASCORBIC ACID DEFICIENCY, metabolism/ BRAIN, metabolism/ CHOLESTEROL, blood/ *CHOLESTEROL, metabolism/ DIET, ATHEROGENIC/ DOGS/ FEMALE/ GUINEA PIGS/ HUMAN/ *HYPERCHOLESTEREMIA, drug therapy/ INTESTINE, SMALL, metabolism/ LIVER, metabolism/ MALE/ MONKEYS/ RABBITS/ RATS/ REVIEW/ SPLEEN, metabolism

2644. **Giordano MP, Allegri M:** Terapia dell'aterosclerosi coronarica e delle sue complicanze.
Clin Ter 60:259-74, 15 Feb 72 (Ita)
ANTICOAGULANTS, pharmacodynamics/ *ANTICOAGULANTS, therapeutic use/ *ARTERIOSCLEROSIS, drug therapy/ COLLATERAL CIRCULATION, drug effects/ CORONARY CIRCULATION, drug effects/ *CORONARY DISEASE, drug therapy/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ MYOCARDIAL INFARCT, drug therapy/ PLATELET ADHESIVENESS/ THROMBOSIS, drug therapy

2645. **Gips CH, Blickman JR, Bredée JJ, et al:** Membranous obstruction of the suprahepatic segment of the inferior vena cava. Diagnostic and therapeutic considerations; the importance of anticoagulation.
Folia Med Neerl 15:228-39, 1972
ADULT/ ANGIOGRAPHY/ ANTICOAGULANTS/ ASCITES, diagnosis/ CATHETERIZATION/ DIAGNOSIS, DIFFERENTIAL/ HEPATIC VEIN THROMBOSIS, diagnosis/ HEPATIC VEINS, radiography/ HEPATOMEGALY, diagnosis/ HUMAN/ LIVER CIRRHOSIS, diagnosis/ MALE/ SYNDROME/ *VENA CAVA, INFERIOR, abnormalities/ VENA CAVA, INFERIOR, pathology

2646. **Girardier J, Sow M, Bouhey J, et al:** Thrombose axillo-sous-clavière après implantation par voie veineuse d'un stimulateur cardiaque.
Lyon Chir 68:211-2, May-Jun 72 (Fre)
AGED/ *AXILLARY VEIN/ *HEART CATHETERIZATION, adverse effects/ HEPARIN, administration & dosage/ HUMAN/ JUGULAR VEIN/ MALE/ *PACEMAKER, ARTIFICIAL/ POSTOPERATIVE COMPLICATIONS/ *SUBCLAVIAN VEIN/ *THROMBOPHLEBITIS, etiology

2647. **Girey GJ, Talamo RC, Colman RW:** The kinetics of the release of bradykinin by kallikrein in normal human plasma. J Lab Clin Med 80:496-505, Oct 72
BLOOD PROTEIN DISORDERS, blood/ BLOOD PROTEIN DISORDERS, enzymology/ BRADYKININ/ *BRADYKININ, metabolism/ EDTA, pharmacodynamics/ ENZYME ACTIVATION/ ENZYME PRECURSORS/ FACTOR XII/ HUMAN/ IN VITRO/ IODINE ISOTOPES/ *KALLIKREIN, blood/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ KAOLIN, pharmacodynamics/ KINETICS/ MODELS, BIOLOGICAL/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ PHENANTHROLINES, pharmacodynamics/ RADIOIMMUNOASSAY

2648. **Girlich M, Englhardt A:** Methodische und klinische Aspekte der Lipoproteidlipase des menschlichen Plasmas.
Verh Dtsch Ges Inn Med 78:1321-3, 1972 (Ger)
HUMAN/ *LIPOPROTEIN LIPASE, blood/ LIVER CIRRHOSIS, enzymology/ PANCREATITIS, enzymology

2649. **Girolami A:** Il complesso protrombinico: nuovi dati di interesse biochimico e clinico.
Quad Sclavo Diagn 7:449-61, Mar 71 (Ita)
*BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION FACTORS/ HUMAN/ *PROTHROMBIN TIME

2650. **Girolami A, Brunetti A, Cella G, et al:** La viscosità ematica nell'obesità semplice.
Folia Endocrinol (Roma) 25:382-92, Oct 72 (Ita)
BASAL METABOLISM/ BLOOD PROTEINS/ *BLOOD VISCOSITY/ BODY WEIGHT/ CHOLESTEROL, blood/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN/ HEMATOCRIT/ HUMAN/ MALE/ *OBESITY, blood

2651. **Girolami A, Cella G, Bareggi G:** Hemophilia B+ or Bm. First case reported in Italy. Blut 26:268-79, Apr 73
ANTIBODIES/ BLOOD COAGULATION TESTS/ *CHRISTMAS DISEASE, diagnosis/ CHRISTMAS DISEASE, familial & genetic/ CHRISTMAS DISEASE, immunology/ CHRISTMAS DISEASE, occurrence/ FACTOR IX, analysis/ HUMAN/ ITALY/ MALE/ MIDDLE AGE/ NEUTRALIZATION TESTS/ PEDIGREE/ PROTHROMBIN TIME/ THROMBOPLASTIN

2652. **Girolami A, Cella G:** Acute superficial phlebitis in a patient with hemophilia A. Probably an iatrogenic effect. Acta Haematol (Basel) 48:307-11, 1972
ADULT/ BLOOD COAGULATION TESTS/ CASE REPORT/ *HEMOPHILIA, complications/ HEMOPHILIA, drug therapy/ HUMAN/ MALE/ *PENTAZOCINE, adverse effects/ *PHLEBITIS, chemically induced/ *PYRAZOLES, adverse effects

2653. **Girolami A, Fioretti D, Bareggi G, et al:** La fibrinolisi euglobulinica ed il fibrinogeno ematico nell'obesita' semplice.
Folia Endocrinol (Roma) 25:502-15, Dec 72 (Ita)
BASAL METABOLISM/ BLOOD COAGULATION TESTS/ BODY WEIGHT/ CHOLESTEROL, blood/ ENGLISH ABSTRACT/

FEMALE/ *FIBRINOGEN/ *FIBRINOLYSIS/ HEMATOCRIT/ HUMAN/ MALE/ *OBESITY, blood

2654. Girolami A, Lazzarin M, Molaro G: The effect of several tissue thromboplastins on the activation of the abnormal factor X (factor X Friuli).
Thromb Diath Haemorrh 27:535-42, 31 Jul 72
BRAIN/ *FACTOR X/ HUMAN/ *HYPOPROTHROMBINEMIAS, blood/ LUNG/ MONKEYS/ PLACENTA/ PROTHROMBIN TIME/ RABBITS/ *THROMBOPLASTIN

2655. Girolami A, Nicolini F, Furlani E, et al: Abnormal factor X(factor X Friuli) coagulation disorder.
Acta Haematol (Basel) 49:114-22, 1973
ADULT/ BLOOD COAGULATION TESTS/ BLOOD PROTEIN ELECTROPHORESIS/ *FACTOR X/ FEMALE/ HUMAN/ HYPOPROTHROMBINEMIAS, familial & genetic/ *HYPOPROTHROMBINEMIAS, occurrence/ ITALY/ PEDIGREE/ THROMBELASTOGRAPHY

2656. Girolami A, Scarpa R, Cadrobbi P: Hemorrhagic varicella in parahemophilia. Blut 25:293-301, Nov 72
ADULT/ BLOOD COAGULATION TESTS/ *CHICKENPOX, complications/ EPISTAXIS, etiology/ *FACTOR V DEFICIENCY, complications/ FACTOR V DEFICIENCY, diagnosis/ FACTOR V DEFICIENCY, familial & genetic/ HUMAN/ MALE/ PROTHROMBIN TIME/ THROMBELASTOGRAPHY/ THROMBOPLASTIN

2657. Girolami A, Sticchi A, Bareggi G: Crossover electrophoresis (electrosyneresis) visualization of the abnormal factor X (factor X Friuli).
J Lab Clin Med 80:740-7, Nov 72
AGAR/ BLOOD COAGULATION TESTS/ *ELECTROPHORESIS/ *FACTOR X, analysis/ HUMAN/ HYPOPROTHROMBINEMIAS, blood/ *HYPOPROTHROMBINEMIAS, diagnosis/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ METHODS/ RABBITS, immunology

2658. Giroud JP, Timsit J: Relations entre les propriétés anti-inflammatoires et anticomplémentaires du sulfate de protamine et du bromure d'hexadiméthrine.
Therapie 27:297-307, Mar-Apr 72 (Fre)
ANIMAL EXPERIMENTS/ *ANTI-INFLAMMATORY AGENTS/ CARRAGEENAN/ *COMPLEMENT, antagonists & inhibitors/ DIMETHYLAMINES, therapeutic use/ EDEMA, chemically induced/ *EDEMA, drug therapy/ ENGLISH ABSTRACT/ HYDROCARBONS, HALOGENATED, therapeutic use/ IN VITRO/ *POLYAMINES, therapeutic use/ POLYMERS, therapeutic use/ *PROTAMINES, therapeutic use/ RATS/ SULFATES/ TURPENTINE

2659. Gitel SN, Owen WG, Esmon CT, et al: A polypeptide region of bovine prothrombin specific for binding to phospholipids.
Proc Natl Acad Sci USA 70:1344-8, May 73
BINDING SITES/ CALCIUM, pharmacodynamics/ CATTLE/ CEPHALINS, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ FACTOR X, metabolism/ GEL FILTRATION/ GLYCERYLPHOSPHORYLCHOLINE, metabolism/ LECITHINS, metabolism/ METHODS/ OLEIC ACID, metabolism/ *PEPTIDES, metabolism/ PHOSPHOLIPASE, metabolism/ *PHOSPHOLIPIDS, metabolism/ PROTEIN BINDING/ PROTHROMBIN/ *PROTHROMBIN, metabolism/ THROMBIN, biosynthesis

2660. Gitler C, Rudy B: Hereditary perpetuation of a membrane state in the absence of genic alterations. A hypothesis. Bol Estud Med Biol 27:113-7, Oct 71
CELL DIVISION/ *CELL MEMBRANE, physiology/ *MOLECULAR BIOLOGY/ NEOPLASMS, etiology/ *PEPTIDE HYDROLASES

2661. Giuffré JC: Intestinal obstruction: ten-year experience. Dis Colon Rectum 15:426-30, Nov-Dec 72
ADHESIONS/ ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HOSPITALIZATION/ HUMAN/ INFANT/ INFANT, NEWBORN/ *INTESTINAL OBSTRUCTION/ INTESTINAL OBSTRUCTION, etiology/ INTESTINAL OBSTRUCTION, mortality/ INTESTINAL OBSTRUCTION, surgery/ MALE/ MIDDLE AGE/ PENNSYLVANIA/ SOCIOECONOMIC FACTORS/ TIME FACTORS

2662. Gjonnaess H: Cold promoted activation of factor VII. IV. Relation to the coagulation system.
Thromb Diath Haemorrh 28:194-205, 31 Oct 72
*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ CALCIUM/ CEPHALINS, blood/ COLD/ FACTOR V/ *FACTOR VII/ FACTOR VIII/ FACTOR IX/ FACTOR X/ FACTOR XI/ HUMAN/ KALLIKREIN/ THROMBOPLASTIN

2663. Gjonnaess H: Cold promoted activation of factor VII. 3. Relation to the kallikrein system.
Thromb Diath Haemorrh 28:182-93, 31 Oct 72
ACETONE/ AMINOCAPROIC ACID/ BENZOPYRANS/ BLOOD COAGULATION/ BRADYKININ/ COLD/ *FACTOR VII/ FIBRINOLYTIC AGENTS/ HEAT/ HUMAN/ KALLIDIN/ *KALLIKREIN, blood/ KAOLIN/ KETONES/ SULFONIC ACIDS/ TRYPSIN

2664. Gjonnaess H: Cold promoted activation of factor VII. II. Identification of the activator.
Thromb Diath Haemorrh 28:169-81, 31 Oct 72
ARGININE/ BLOOD COAGULATION TESTS/ COLD/ CONTRACEPTIVES, ORAL/ DIALYSIS/ ESTERS/ *FACTOR VII/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KALLIKREIN, blood/ KININS, blood/ OSMOLAR CONCENTRATION/ TEMPERATURE/ TOSYL COMPOUNDS

2665. Gjonnaess H: Cold promoted activation of factor VII. I. Evidence for the existence of an activator.
Thromb Diath Haemorrh 28:155-68, 31 Oct 72
BLOOD COAGULATION TESTS/ CEPHALINS, blood/ COLD/ CONTRACEPTIVES, ORAL, pharmacodynamics/ *FACTOR VII/ FACTOR VII, radiation effects/ FEMALE/ FIBRIN/ GLASS/ HEAT/ HUMAN/ KAOLIN/ MALE/ PLASTICS/ PREGNANCY/ RADIATION EFFECTS/ SILICON/ SURFACE PROPERTIES/ TIME FACTORS

2666. Gjonnaess H: Cold promoted activation of Factor VII. V. Relation to the fibrinolytic system.
Thromb Diath Haemorrh 29:143-53, 28 Feb 73
AMINOCAPROIC ACID/ *COLD/ ENZYME ACTIVATION/ *FACTOR VII/ FACTOR XII/ FIBRINOLYSIN/ FIBRINOLYTIC AGENTS/ KALLIKREIN/ KAOLIN/ KININOGENS/ PLASMINOGEN, biosynthesis/ STREPTOKINASE

2667. Glabbner K, Schneider W, Fröhlich C: Das Antihämophile Kryopräzipitat (AHKP). Herstellungsverfahren, Testung und klinische Anwendung. Med Monatsschr 27:230-2, May 73 (Ger)
BLOOD COAGULATION TESTS/ CENTRIFUGATION/ EVALUATION STUDIES/ FACTOR VIII, administration & dosage/ *FACTOR VIII, analysis/ *FREEZE DRYING/ HUMAN/ *PRECIPITATION

2668. Gladysz A, Halawa B, Gajewski J, et al: Badanie aktywności proteolitycznej śliny u ludzi dotkniętych robaczycą przewodu pokarmowego.
Wiad Parazytol 19:159-63, 1973 (Pol)
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ *HELMINTHIASIS, enzymology/ HUMAN/ *INTESTINAL DISEASES, PARASITIC, enzymology/ MALE/ *PEPTIDE HYDROLASES, metabolism/ *SALIVA, enzymology

2669. Glants RM, Vygovskaia IaI, Iakovenko AN: Funktsional'noe sostoianie simpatiko-adrenalovoĭ sistemy v razlichnye fazy trombogemorragicheskogo

sindroma.
Biull Eksp Biol Med 73:14-6, Nov 72 (Rus)
*ADRENAL MEDULLA, physiopathology/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION DISORDERS, physiopathology/ ENGLISH ABSTRACT/ HEMORRHAGE, physiopathology/ KIDNEY, metabolism/ MUSCLES, metabolism/ MYOCARDIUM, metabolism/ *NOREPINEPHRINE, secretion/ RATS/ THROMBELASTOGRAPHY/ THROMBOSIS, physiopathology

2670. Glaser CB, Bewley TA, Li CH: Reaction of bovine and ovine pituitary growth hormones with tetranitromethane.
Biochemistry 12:3379-87, 28 Aug 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BONE AND BONES, drug effects/ CATTLE/ CYANOGEN BROMIDE/ GEL DIFFUSION TESTS/ KINETICS/ *METHANE/ NITRO COMPOUNDS/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ RABBITS/ RABBITS, immunology/ SHEEP/ *SOMATOTROPIN/ SOMATOTROPIN, analysis/ SOMATOTROPIN, pharmacodynamics/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ STRUCTURE-ACTIVITY RELATIONSHIP/ TEMPERATURE/ TRYPSIN/ TYROSINE, analysis

2671. Glaser E, Hey D, Neuhof H, et al: Veränderungen der Nierenfunktion und -morphologie unter Langzeitinfusion eines hochdosierten Proteinaseninhibitors (Trasylol). Tierexperimentelle Befunde.
Verh Dtsch Ges Inn Med 78:1612-4, 1972 (Ger)
GLOMERULAR FILTRATION RATE/ HUMAN/ INFUSIONS, PARENTERAL/ *KALLIKREIN-TRYPSIN INACTIVATOR, administration & dosage/ *KIDNEY, drug effects/ KIDNEY, pathology/ KIDNEY TUBULES, drug effects/ TIME FACTORS

2672. Glaser E, Neuhof H, Hey D, et al: Pathophysiologische Veränderungen im Endotoxinschock.
Verh Dtsch Ges Inn Med 77:157-61, 1971 (Ger)
ANIMAL EXPERIMENTS/ DISEASE MODELS, ANIMAL/ DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ ENDOTOXINS/ HEMODYNAMICS/ HEMOSTASIS/ RABBITS/ SHOCK, ENDOTOXIC, chemically induced/ *SHOCK, ENDOTOXIC, physiopathology

2673. Glasgow AM, Cotton RB, Dhiensiri K: Reye's syndrome. I. Blood ammonia and consideration of the nonhistologic diagnosis.
Am J Dis Child 124:827-33, Dec 72
*ADIPOSE TISSUE/ ALANINE AMINOTRANSFERASE, blood/ *AMMONIA, blood/ BIOPSY/ BLOOD SUGAR, analysis/ *BRAIN DISEASES, diagnosis/ CHILD/ CHILD, PRESCHOOL/ CONSCIOUSNESS/ DIAGNOSIS, DIFFERENTIAL/ ENEMA/ FATTY LIVER, diagnosis/ FATTY LIVER, pathology/ FEMALE/ GLUCOSE, administration & dosage/ GLUCOSE, therapeutic use/ *HEPATITIS, diagnosis/ HUMAN/ INFANT/ KIDNEY DISEASES, diagnosis/ LIVER, pathology/ MALE/ PROSPECTIVE STUDIES/ PROTHROMBIN TIME/ SYNDROME/ THAILAND

2674. Glasgow AM, Cotton RB, Bourgeois CH, et al: Reye's syndrome. II. Occurrence in the absence of severe fatty infiltration of the liver.
Am J Dis Child 124:834-6, Dec 72
*ADIPOSE TISSUE/ ALANINE AMINOTRANSFERASE, blood/ AMMONIA, blood/ AUTOPSY/ BLOOD SUGAR, analysis/ *BRAIN DISEASES, diagnosis/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ *FATTY LIVER, pathology/ FEMALE/ *HEPATITIS, diagnosis/ HUMAN/ KIDNEY DISEASES, diagnosis/ KUPFFER CELLS/ *LIVER, pathology/ MALE/ PROTHROMBIN TIME/ SYNDROME

2675. Glasgow JF, Lynch MJ, Hercz A, et al: Alpha 1 antitrypsin deficiency in association with both cirrhosis and chronic obstructive lung disease in two sibs. Am J Med 54:181-94, Feb 73
AUTOPSY/ BIOPSY/ BLOOD PROTEIN ELECTROPHORESIS/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ IMMUNOELECTROPHORESIS/ INFANT/ INFANT, NEWBORN/ *LIVER CIRRHOSIS, complications/ LIVER CIRRHOSIS, pathology/ LUNG, pathology/ MALE/ *METABOLISM, INBORN ERRORS, complications/ METABOLISM, INBORN ERRORS, familial & genetic/ MICROSCOPY, ELECTRON/ PEDIGREE/ PEPTIDE HYDROLASES/ PHENOTYPE/ *PULMONARY EMPHYSEMA, complications/ PULMONARY EMPHYSEMA, pathology/ PULMONARY EMPHYSEMA, radiography/ RESPIRATORY FUNCTION TESTS/ *TRYPSIN INHIBITORS/ TRYPSIN INHIBITORS, blood

2676. Glass TG Jr: Early debridement in pit viper bite.
Surg Gynecol Obstet 136:774-6, May 73
ADOLESCENCE/ ADULT/ AGED/ ANTIBIOTICS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ *DEBRIDEMENT/ FASCIA, surgery/ FEMALE/ FIBRINOGEN, therapeutic use/ HUMAN/ HYDROCORTISONE, therapeutic use/ INFANT/ MALE/ MIDDLE AGE/ SNAKE BITES, drug therapy/ *SNAKE BITES, surgery/ TIME FACTORS

2677. Glassman AB: Blood component therapy for abnormalities of hemostasis in liver disease.
Conn Med 36:572-5, Oct 72
BLOOD COAGULATION DISORDERS, etiology/ *BLOOD COAGULATION DISORDERS, therapy/ BLOOD COAGULATION FACTORS/ *BLOOD TRANSFUSION/ HUMAN/ *LIVER DISEASES, complications

2678. Glassner K, Schneider W, Fröhlich C: Gezielte Hämotherapie von Blutungen in der inneren Medizin.
Med Welt 23:1393, 30 Sep 72 (Ger)
BLOOD COAGULATION DISORDERS, therapy/ *BLOOD TRANSFUSION/ *HEMORRHAGE, therapy/ HUMAN/ INTERNAL MEDICINE

2679. Glassner K, Schneider W: Die Verbrauchskoagulopathie als Blutungskomplikation in der Chirurgie.
Med Monatsschr 26:233-5, May 72 (Ger)
BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ FIBRIN, analysis/ FIBRINOGEN, analysis/ HUMAN/ METHODS/ *POSTOPERATIVE COMPLICATIONS, diagnosis

2680. Glawischnig E, Baumgartner W: Hämorrhagische Diathesen bei Kälbern als Folge längerwährender Furazolidon-Beifütterung.
Milit Med 138:210-3, Sep 73 (Ger)
ANIMAL EXPERIMENTS/ *ANIMAL FEED/ CATTLE/ *CATTLE DISEASES, chemically induced/ ENGLISH ABSTRACT/ FEMALE/ FOOD ADDITIVES, adverse effects/ *FURAZOLIDONE, adverse effects/ HEMORRHAGIC DIATHESIS, chemically induced/ *HEMORRHAGIC DIATHESIS, veterinary/ MALE/ MILK/ TIME FACTORS

2681. Glenc F, Waller S: Skręt guza przydatków podczas ciąży. Pol Tyg Lek 28:61-2, 8 Jan 73 (Pol)
ADULT/ *CYSTADENOMA, complications/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, complications/ HUMAN/ *OVARIAN NEOPLASMS, complications/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ TORSION, complications

2682. Glenn AR, Both GW, McInnes JL, et al: Dynamic state of the messenger RNA pool specific for extracellular protease in Bacillus amyloliquefaciens: its relevance to the mechanism of enzyme secretion.
J Mol Biol 73:221-30, 10 Jan 73
AMINO ACIDS, metabolism/ ANTIBIOTICS, ANTINEOPLASTIC, pharmacodynamics/ BACILLUS, drug effects/ *BACILLUS,

enzymology/ BACILLUS, metabolism/ BIOLOGICAL TRANSPORT/ CHLORAMPHENICOL, pharmacodynamics/ FUSIDIC ACID, pharmacodynamics/ *PEPTIDE HYDROLASES, biosynthesis/ PEPTIDE HYDROLASES, secretion/ RIFAMPIN, pharmacodynamics/ *RNA, MESSENGER, biosynthesis/ TIME FACTORS/ TRANSCRIPTION, GENETIC/ TRANSLATION, GENETIC

2683. **Glenn EM, Wilks J, Bowman BJ:** Platelets, prostaglandins, red cells, sedimentation rates, serum and tissue proteins and non-steroidal anti-inflammatory drugs.
Proc Soc Exp Biol Med 141:879-86, Dec 72
ANIMAL EXPERIMENTS/ *ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ *BLOOD PROTEINS, analysis/ *BLOOD SEDIMENTATION/ CARRAGEENAN, pharmacodynamics/ CHONDROITIN, pharmacodynamics/ COLLAGEN, pharmacodynamics/ DOGS/ EDEMA, chemically induced/ ENZYMES, pharmacodynamics/ *ERYTHROCYTES, drug effects/ HYALURONIC ACID, pharmacodynamics/ IN VITRO/ INDOMETHACIN, pharmacodynamics/ INFLAMMATION, blood/ LACTATE DEHYDROGENASE, blood/ *PROSTAGLANDINS, blood

2684. **Glick MC, Buck CA:** Glycoproteins from the surface of metaphase cells. Biochemistry 12:85-90, 2 Jan 73
CELL LINE/ CELL MEMBRANE, metabolism/ *FIBROBLASTS, cytology/ FIBROBLASTS, drug effects/ FIBROBLASTS, enzymology/ GALACTOSIDASE, metabolism/ GEL FILTRATION/ GLUCOSIDASE, metabolism/ *GLYCOPEPTIDES, metabolism/ GLYCOSIDE HYDROLASES, metabolism/ HAMSTERS/ HEXOSAMINIDASES, metabolism/ KIDNEY, cytology/ KIDNEY, drug effects/ KIDNEY, enzymology/ *KIDNEY, metabolism/ *MITOSIS/ NEURAMINIC ACIDS, metabolism/ PRONASE/ PROTEINS, metabolism/ THYMIDINE, pharmacodynamics/ TRYPSIN/ VINBLASTINE, pharmacodynamics

2685. **Glick MC, Kimhi Y, Littauer UZ:** Glycopeptides from surface membranes of neuroblastoma cells.
Proc Natl Acad Sci USA 70:1682-7, Jun 73
AXONS/ CARBON ISOTOPES/ CELL MEMBRANE, analysis/ CLONE CELLS/ FUCOSE, metabolism/ GEL FILTRATION/ GLUCOSAMINE, metabolism/ *GLYCOPEPTIDES, analysis/ GLYCOPEPTIDES, biosynthesis/ MICE/ *NEUROBLASTOMA, metabolism/ PRONASE/ TRITIUM/ TRYPSIN

2686. **Glick TH:** Lean Reye syndrome.
Am J Dis Child 125:900-1, Jun 73
ADULT/ AGE FACTORS/ ALANINE AMINOTRANSFERASE, blood/ AMMONIA, blood/ ASPARTATE AMINOTRANSFERASE, blood/ *BRAIN DISEASES, diagnosis/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ *FATTY LIVER, diagnosis/ FEMALE/ HUMAN/ PROTHROMBIN TIME/ REYE'S SYNDROME, diagnosis

2687. **Glinter KP:** Intestinal obstruction complicating pregnancy. J Am Osteopath Assoc 72:979-84, Jun 73
ADHESIONS/ FEMALE/ HUMAN/ *INTESTINAL OBSTRUCTION, complications/ INTESTINAL OBSTRUCTION, diagnosis/ INTESTINAL OBSTRUCTION, etiology/ INTESTINAL OBSTRUCTION, surgery/ POSTOPERATIVE COMPLICATIONS/ PREGNANCY/ *PREGNANCY COMPLICATIONS

2688. **Glinz W:** Intensivbehandlung von Thoraxverletzten.
Helv Chir Acta 39:537-44, Dec 72 (Ger)
ADULT/ AGED/ CONTUSIONS, therapy/ DRAINAGE/ HEART INJURIES, therapy/ HEMOTHORAX, diagnosis/ HEMOTHORAX, therapy/ HUMAN/ INTENSIVE CARE UNITS/ LIDOCAINE, therapeutic use/ MALE/ PHYSICAL THERAPY/ PNEUMOTHORAX, diagnosis/ PNEUMOTHORAX, therapy/ RIB FRACTURES, diagnosis/ RIB FRACTURES, therapy/ STREPTOKINASE, therapeutic use/ *THORACIC INJURIES, therapy

2689. **Gloor E, Tirgari F:** Un cas de phycomycose (mucormycose) disséminée.
Schweiz Med Wochenschr 103:909-13, 23 Jun 73 (Fre)
ADULT/ ANEMIA, APLASTIC, etiology/ AUTOPSY/ CASE REPORT/ COLON, pathology/ ENGLISH ABSTRACT/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ MALE/ MUCORMYCOSIS, complications/ MUCORMYCOSIS, microbiology/ *MUCORMYCOSIS, pathology/ PULMONARY VEINS, pathology/ SEPTICEMIA, etiology

2690. **Glover G, Wang CC, Shaw E:** Aromatic esters which inhibit plasmin or thrombin by formation of relatively stable acyl enzymes. J Med Chem 16:262-6, Mar 73
ACYLATION/ *BENZOATES, chem synthesis/ BENZOATES, pharmacodynamics/ BLOOD COAGULATION, drug effects/ CATTLE/ *FIBRINOLYSIN, antagonists & inhibitors/ FIBRINOLYSIN, metabolism/ HUMAN/ NITROBENZENES, chem synthesis/ NITROBENZENES, pharmacodynamics/ *PEPTIDE PEPTIDOHYDROLASES, biosynthesis/ PROTEIN BINDING, drug effects/ PYRIDINIUM COMPOUNDS, chem synthesis/ PYRIDINIUM COMPOUNDS, pharmacodynamics/ SERINE/ THIOUREA, chem synthesis/ THIOUREA, pharmacodynamics/ *THROMBIN, antagonists & inhibitors/ THROMBIN, metabolism

2691. **Glowacki J, Stefanicka-Wiechowa A, Zdybek-Demel Z:** Mnogi naczyniak jamisty mózgu.
Neuropatol Pol 10:555-60, Oct-Dec 72 (Pol)
ADULT/ AUTOPSY/ BRAIN, pathology/ *BRAIN NEOPLASMS, pathology/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, CAVERNOUS, pathology/ HUMAN/ RESPIRATORY INSUFFICIENCY, pathology/ VENTRICULOGRAPHY

2692. **Glowiński S, Worowski K, Farbissewski R:** Activity of serum aminotransferases and phosphatases, and prothrombin level after experimental hemorrhage.
Pol Med J 11:962-7, 1972
ACID PHOSPHATASE, blood/ ALANINE AMINOTRANSFERASE, blood/ ALKALINE PHOSPHATASE, blood/ *AMINOTRANSFERASES, blood/ ANIMAL EXPERIMENTS/ ANOXEMIA, metabolism/ ASPARTATE AMINOTRANSFERASE, blood/ BLOODLETTING/ CELL MEMBRANE PERMEABILITY, drug effects/ DOGS/ HEMORRHAGE, diagnosis/ *HEMORRHAGE, enzymology/ MALE/ *PHOSPHATASES, blood/ *PROTHROMBIN, metabolism/ TIME FACTORS

2693. **Gluckman E, Basch A, Varet B, et al:** Combination chemotherapy with cytosine arabinoside and rubidomycin in 30 cases of acute granulocytic leukemia. Cancer 31:487-91, Mar 73
ADULT/ AGED/ ANEMIA, APLASTIC, chemically induced/ ANEMIA, APLASTIC, complications/ CEREBRAL HEMORRHAGE, etiology/ CHILD/ CYTARABINE, adverse effects/ *CYTARABINE, therapeutic use/ DAUNOMYCIN, adverse effects/ *DAUNOMYCIN, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ FEMALE/ HUMAN/ INFECTION, etiology/ *LEUKEMIA, MYELOBLASTIC, drug therapy/ LEUKEMIA, MYELOBLASTIC, mortality/ MALE/ MIDDLE AGE/ REMISSION

2694. **Gluckman E, Parr M, Mickelson E, et al:** Mixed leukocyte cultures in dogs. A microtechnique using gradient-purified cells.
Transplantation 15:642-5, Jun 73
ANIMAL EXPERIMENTS/ CENTRIFUGATION, DENSITY GRADIENT/ *DOGS, physiology/ HEPARIN, blood/ *LEUKOCYTE CULTURE TEST, MIXED/ LYMPHOCYTES, immunology/

LYMPHOCYTES, radiation effects/ METHODS/ PLASMA/ RADIATION EFFECTS/ THYMIDINE/ TIME FACTORS/ TRITIUM

2695. **Glueck CJ, Ford S Jr, Steiner P, et al:** Effects of a progestational oral contraceptive on lipids and lipases. Am J Obstet Gynecol 116:689-93, 1 Jul 73
ADULT/ CHOLESTEROL, blood/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ DRUG TOLERANCE/ ELECTROPHORESIS/ ESTERASES, blood/ FEMALE/ FOLLOW-UP STUDIES/ GLYCERIDES/ HEPARIN, blood/ HUMAN/ *LIPASE, blood/ *LIPIDS, blood/ *PROGESTATIONAL HORMONES, pharmacodynamics/ QUINGESTANOL, administration & dosage/ QUINGESTANOL, adverse effects/ QUINGESTANOL, pharmacodynamics/ TIME FACTORS/ TRIGLYCERIDES, blood

2696. **Glueck CJ, Ford S Jr, Steiner P, et al:** Triglyceride removal efficiency and lipoprotein lipases: effects of Oxandrolone. Metabolism 22:807-14, Jun 73
ADULT/ BLOOD PROTEIN DISORDERS, familial & genetic/ BLOOD PROTEIN DISORDERS, metabolism/ CLINICAL RESEARCH/ DIET/ FEMALE/ HALF-LIFE/ HUMAN/ HYPERLIPEMIA, familial & genetic/ KINETICS/ *LIPOPROTEIN LIPASE, metabolism/ LIPOPROTEINS, blood/ LIPOPROTEINS, VLDL, metabolism/ MALE/ MIDDLE AGE/ OXANDROLONE, administration & dosage/ *OXANDROLONE, pharmacodynamics/ OXYGEN CONSUMPTION/ PLACEBOS/ TRIGLYCERIDES, blood/ *TRIGLYCERIDES, metabolism

2697. **Glueck CJ, Levy RI, Fredrickson DS:** Norethindrone acetate, postheparin lipolytic activity, and plasma triglycerides in familial types I, 3, IV, and V hyperlipoproteinemia. Studies in 26 patients and 5 normal persons. Ann Intern Med 75:345-52, Sep 71
ADULT/ BLOOD PROTEIN DISORDERS, blood/ BLOOD PROTEIN DISORDERS, drug therapy/ BLOOD PROTEIN DISORDERS, enzymology/ *BLOOD PROTEIN DISORDERS, familial & genetic/ DIET/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ LIPOPROTEIN LIPASE, blood/ *LIPOPROTEINS, blood/ MALE/ MIDDLE AGE/ *NORETHINDRONE, therapeutic use/ *TRIGLYCERIDES, blood

2698. **Glueck HI, Flessa HC, Kisker CT, et al:** Hypertonic saline-induced abortion. Correlation of fetal death with disseminated intravascular coagulation. JAMA 225:28-31, 2 Jul 73
*ABORTION, INDUCED/ BLOOD COAGULATION TESTS/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ FACTOR V, analysis/ FACTOR VIII, analysis/ FEMALE/ *FETAL DEATH, etiology/ FETAL HEART/ FIBRIN, analysis/ FIBRINOGEN, analysis/ HUMAN/ *HYPERTONIC SOLUTIONS/ LABOR/ METHODS/ PREGNANCY/ PROTHROMBIN TIME/ PUERPERIUM/ SODIUM CHLORIDE/ TIME FACTORS

2699. **Glushchenko TS, Demin NN:** Biogennye aminy-mediatory i aktivnost' proteinaz v raznykh otdelakh golovnogo mozga krys pri sne i lishenii ego paradoksal'nci fazy.
Vopr Med Khim 19:181-6, Mar-Apr 73 (Rus)
ACETYLCHOLINE, analysis/ ANIMAL EXPERIMENTS/ *BIOGENIC AMINES, physiology/ *BRAIN CHEMISTRY/ CEREBELLUM, analysis/ CHOLINESTERASE, analysis/ ENGLISH ABSTRACT/ IN VITRO/ INJECTIONS, INTRAPERITONEAL/ MALE/ MESENCEPHALON, analysis/ MONOAMINE OXIDASE, analysis/ NIALAMIDE, pharmacodynamics/ NITROBENZENES, pharmacodynamics/ ORGANOPHOSPHORUS COMPOUNDS, pharmacodynamics/ *PEPTIDE HYDROLASES, physiology/ PHOSPHONIC ACIDS, pharmacodynamics/ RATS/ RESERPINE, pharmacodynamics/ REST/ *SLEEP/ *SLEEP, REM/ SODIUM CHLORIDE, pharmacodynamics/ TIME FACTORS

2700. **Glynn MF:** The role of the platelet membrane in platelet function. I. Blood coagulation.
Am J Clin Pathol 60:309-13, Sep 73
AMYLASE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, physiology/ CALCIUM CHLORIDE, diagnostic use/ CELL MEMBRANE, drug effects/ *CELL MEMBRANE, physiology/ CITRATES, pharmacodynamics/ DIALYSIS/ EDTA, pharmacodynamics/ GALACTOSIDASE, pharmacodynamics/ HEPARIN, pharmacodynamics/ HYALURONIDASE, pharmacodynamics/ OXALATES, pharmacodynamics/ PAPAIN, pharmacodynamics/ PERIODIC ACIDS, pharmacodynamics/ PRONASE, pharmacodynamics/ RABBITS/ RATS/ SODIUM, pharmacodynamics/ TRYPSIN, pharmacodynamics

2701. **Goas JY, Coulonjou R, Tatibouet L, et al:** Paralysies crurales au cours d'un traitement par les anticoagulants.
Sem Hop Paris 48:2199-206, 26 Jun 72 (Fre)
ADOLESCENCE/ ADULT/ AGED/ *ANTICOAGULANTS, adverse effects/ FEMALE/ *FEMORAL NERVE/ *HEMATOMA, chemically induced/ HEMATOMA, complications/ HUMAN/ *LEG, innervation/ MALE/ MIDDLE AGE/ *NERVE COMPRESSION SYNDROMES, chemically induced/ *PARALYSIS, etiology

2702. **Göbel U:** Prophylaktische Behandlung der Hämophilie.
Dtsch Med Wochenschr 98:1240, 15 Jun 73 (Ger)
ADOLESCENCE/ FACTOR VIII, administration & dosage/ FACTOR IX, administration & dosage/ *HEMOPHILIA, prevention & control/ HUMAN/ MALE

2703. **Göbel U, Petrich C, Wienert R:** Untersuchungen über die Thrombozytenfunktion bei gesunden Säuglingen und Kleinkindern.
Klin Paediatr 184:371-7, Sep 72 (Ger)
AGE FACTORS/ BLOOD/ *BLOOD PLATELETS, physiology/ CHILD/ CHILD, PRESCHOOL/ CLOT RETRACTION/ ENGLISH ABSTRACT/ HUMAN/ INFANT/ INFANT, NEWBORN/ PLATELET ADHESIVENESS/ THROMBELASTOGRAPHY/ UMBILICAL CORD

2704. **Göbel U, Pothmann R:** Gerinnungsuntersuchungen mit Kapillarblut. I. Thromboplastinzeit nach Quick und partielle Thromboplastinzeit.
Blut 26:312-20, May 73 (Ger)
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION TESTS/ *BLOOD SPECIMEN COLLECTION/ CAPILLARIES/ CHILD/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ HUMAN/ INFANT/ METHODS/ PROTHROMBIN TIME/ *THROMBOPLASTIN/ VEINS

2705. **Göbel U, Riech P:** Partielle Thromboplastinzeit, Thromboplastinzeit Fibrinogen, Thrombinzeit und Thrombocytenzahl bei gesungen und kranken Neugeborenen.
Monatsschr Kinderheilkd 120:484-8, Dec 72 (Ger)
AGE FACTORS/ BLOOD CELL COUNT/ BLOOD COAGULATION DISORDERS, blood/ *BLOOD COAGULATION FACTORS, analysis/ *BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ ENGLISH ABSTRACT/ FIBRINOGEN, analysis/ HUMAN/ *INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, blood/ METHODS/ PROTHROMBIN TIME/ THROMBOPLASTIN, analysis

2706. **Gobiet W:** Der diagnostische Wert der LDH-Bestimmung und ihrer Isoenzyme bei intrakraniellen Prozessen.
Z Neurol 202:247-50, 1972 (Ger)
*BRAIN NEOPLASMS, enzymology/ ENGLISH ABSTRACT/ *HEMANGIOMA, enzymology/

HUMAN/ *HYDROCEPHALUS, enzymology/ *LACTATE DEHYDROGENASE, cerebrospinal fluid/ LACTATE DEHYDROGENASE ISOENZYMES, cerebrospinal fluid

2707. **Gockerman JP, Shulman NR:** Isoantibody specificity in post-transfusion purpura. Blood 41:817-22, Jun 73
*ANTIBODY SPECIFICITY/ ANTIGENS, analysis/ *BLOOD PLATELETS, immunology/ *BLOOD TRANSFUSION, adverse effects/ COMPLEMENT FIXATION TESTS/ FEMALE/ HUMAN/ *ISOANTIBODIES, analysis/ MIDDLE AGE/ PURPURA, blood/ PURPURA, etiology/ *PURPURA, immunology/ THROMBOPENIA, etiology/ THROMBOPENIA, immunology

2708. **Godal HC, Kierulf P:** Diagnose og behandling av disseminert intravaskulaer koagulasjon (DIC. Tidsskr Nor Laegeforen 92:1528-30, 30 Aug 72 (Nor)
BLOOD COAGULATION TESTS/ *DISSEMINATED INTRAVASCULAR COAGULATION/ ENGLISH ABSTRACT/ HUMAN

2709. **Goddard D, Jacobs SI, Manohitharajah SM:** The bacteriological screening of platelet concentrates stored at 22 C. Transfusion 13:103-6, Mar 73
BACTERIOLOGICAL TECHNICS/ *BLOOD PLATELETS, microbiology/ *BLOOD PRESERVATION/ ESCHERICHIA COLI/ HUMAN/ PSEUDOMONAS/ STAPHYLOCOCCUS

2710. **Godeau P, Herreman G, Saltiel H, et al:** Hyperthyroidie--purpura thrombopénique--vitiligo. Ann Med Interne (Paris) 124:327-31, Apr 73 (Fre)
ADULT/ AGED/ ANTIBODIES, analysis/ *AUTOIMMUNE DISEASES/ COOMBS' TEST/ FEMALE/ HEMAGGLUTINATION TESTS/ HUMAN/ HYPERTHYROIDISM, blood/ *HYPERTHYROIDISM, complications/ HYPERTHYROIDISM, immunology/ HYPERTHYROIDISM, radiotherapy/ IODINE, blood/ IODINE ISOTOPES, therapeutic use/ PREDNISONE, therapeutic use/ *PURPURA, THROMBOPENIC, complications/ PURPURA, THROMBOPENIC, drug therapy/ PURPURA, THROMBOPENIC, immunology/ *VITILIGO, complications/ VITILIGO, immunology

2711. **Godel V, Feiler-Ofry V, Stein R:** Pupillary block and angle-closure glaucoma.
Ophthalmologica 165:109-16, 1972
ADHESIONS, etiology/ COLOBOMA, complications/ *COLOBOMA, etiology/ EYE DISEASES, complications/ EYE DISEASES, surgery/ *GLAUCOMA, etiology/ HUMAN/ *IRIS, surgery/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ *PUPIL/ RECURRENCE

2712. **Godfrey TE, King A, Rentschler R:** 1,3-Bis (2-chloroethyl)-1-nitrosourea: effects on advanced ovarian carcinoma.
Am J Obstet Gynecol 115:576-7, 15 Feb 73
ADULT/ AGED/ BLOOD PLATELETS, drug effects/ CARMUSTINE, administration & dosage/ CARMUSTINE, adverse effects/ *CARMUSTINE, therapeutic use/ *CYSTADENOCARCINOMA, drug therapy/ CYSTADENOCARCINOMA, radiotherapy/ CYSTADENOCARCINOMA, surgery/ DRUG RESISTANCE/ FEMALE/ HUMAN/ LEUKOCYTES, drug effects/ MIDDLE AGE/ *OVARIAN NEOPLASMS, drug therapy/ OVARIAN NEOPLASMS, radiotherapy/ OVARIAN NEOPLASMS, surgery/ POSTOPERATIVE CARE

2713. **Goebel KM, Gassel WD, Goebel FD:** Evaluation of azathioprine in autoimmune thrombocytopenia and lupus erythematosus. Scand J Haematol 10:28-34, 1973
ADULT/ AUTOIMMUNE DISEASES, drug therapy/ *AZATHIOPRINE, therapeutic use/ BLOOD CELL COUNT/ FEMALE/ HUMAN/ IMMUNITY, CELLULAR, drug effects/ IMMUNOGLOBULINS, analysis/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ MIDDLE AGE/ PREDNISOLONE, therapeutic use/ *PURPURA, THROMBOTIC THROMBOPENIC, drug therapy/ PURPURA, THROMBOTIC THROMBOPENIC, immunology

2714. **Goebel KM, Goebel FD:** Idiopathic thrombocytopenia after treatment with steroids and immunosuppressives. Chemotherapy 18:112-8, 1973
ADOLESCENCE/ ADULT/ *AZATHIOPRINE, therapeutic use/ BLOOD PLATELETS/ BONE MARROW, pathology/ CHROMIUM ISOTOPES/ CLINICAL RESEARCH/ FEMALE/ HUMAN/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ MALE/ *PREDNISOLONE, therapeutic use/ *PURPURA, THROMBOPENIC, drug therapy/ PURPURA, THROMBOPENIC, pathology/ PURPURA, THROMBOPENIC, surgery/ SPLENECTOMY/ TIME FACTORS

2715. **Goebell H, Dölle W:** Budd-Chiari-Syndrom nach Einnahme eines Ovulationshemmers.
Dtsch Med Wochenschr 97:1701-4, 3 Nov 72 (Ger)
ADULT/ ASCITES, chemically induced/ ASCITES, drug therapy/ *CONTRACEPTIVES, ORAL, adverse effects/ COUMARINS, therapeutic use/ ENGLISH ABSTRACT/ ETHINYL ESTRADIOL, adverse effects/ FEMALE/ HEPARIN, therapeutic use/ *HEPATIC VEIN THROMBOSIS, chemically induced/ HEPATIC VEIN THROMBOSIS, drug therapy/ HEPATOMEGALY, chemically induced/ HUMAN/ NORGESTREL, adverse effects/ SPIRONOLACTONE, therapeutic use

2716. **Goebell H, Steffen C, Baltzer G, et al:** Stimulation of pancreatic secretion of enzymes by acute hypercalcaemia in man.
Eur J Clin Invest 3:98-104, Mar 73
ADULT/ BICARBONATES, analysis/ CALCIUM, analysis/ CALCIUM, pharmacodynamics/ CHYMOTRYPSIN, analysis/ DUODENUM/ ENZYME INDUCTION/ FEMALE/ HUMAN/ *HYPERCALCEMIA, physiopathology/ INTESTINAL SECRETIONS, analysis/ INTESTINAL SECRETIONS, enzymology/ LIPASE, analysis/ MALE/ MIDDLE AGE/ PANCREAS, drug effects/ *PANCREAS, secretion/ PANCREATIC JUICE, analysis/ PANCREATIC JUICE, enzymology/ PANCREOZYMIN, pharmacodynamics/ SECRETIN, pharmacodynamics/ TRYPSIN, analysis

2717. **Goedde HW, Hirth L, Benkmann HG, et al:** Family studies on the third component of complement (C3), 1-antitrypsin and pseudocholinesterase polymorphism (locus E 1 and E 2) in the area of Marburg (Germany). Humangenetik 17:85-7, 1972
ANTIGEN-ANTIBODY REACTIONS/ *CHOLINESTERASE/ *COMPLEMENT/ ELECTROPHORESIS/ FEMALE/ GELS/ GENETICS, POPULATION/ GERMANY, WEST/ HUMAN/ MALE/ PHENOTYPE/ *POLYMORPHISM (GENETICS)/ *TRYPSIN INHIBITORS

2718. **Goerz G:** Tendenzen der systemischen glucocorticoid-(GC)-Therapie.
Arch Dermatol Forsch 244:400-3, 1972 (Ger)
ADMINISTRATION, ORAL/ ADULT/ CIRCADIAN RHYTHM/ CUSHING'S SYNDROME, chemically induced/ DERMATOMYOSITIS, drug therapy/ DRUG HYPERSENSITIVITY, complications/ FEMALE/ *GLUCOCORTICOIDS, administration & dosage/ GLUCOCORTICOIDS, adverse effects/ GLUCOCORTICOIDS, therapeutic use/ HODGKIN'S DISEASE, drug therapy/ HUMAN/ HYDANTOINS, therapeutic use/ INJECTIONS, adverse effects/ LEUKOPENIA, etiology/ LUPUS ERYTHEMATOSUS, DISCOID, drug therapy/ LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ PEMPHIGUS, drug therapy/ PSORIASIS, drug therapy/ SARCOIDOSIS, drug therapy/ SHOCK, TOXIC, drug therapy/ SULFIDES, therapeutic use/ THROMBOPENIA, etiology

2719. **Goetz IE, Weinstein C, Roberts E:** Effects of protease inhibitors on growth of hamster tumor cells in

culture. Cancer Res 32:2469-74, Nov 72
CATTLE/ CELL ADHESION/ *CELL DIVISION, drug effects/ CELLS, CULTURED/ DIMETHYLAMINOAZOBENZENE/ EMBRYO/ ENZYME REPRESSION/ *FIBROBLASTS, drug effects/ FIBROSARCOMA, chemically induced/ *FIBROSARCOMA, physiopathology/ HAMSTERS/ OVALBUMIN/ PANCREAS/ SARCOMA, EXPERIMENTAL, chemically induced/ SARCOMA, EXPERIMENTAL, physiopathology/ SOY BEANS/ TOSYL COMPOUNDS, pharmacodynamics/ *TRYPSIN INHIBITORS, pharmacodynamics

2720. **Goetze T, Oswald B, Lampe M, et al:** Auswirkungen experimenteller Immunschädigung von Plazenta und Eihäuten der Wistarratte auf die Entwicklung von Rattenfeten und Neugeborenen. Aktivität lysosomaler Enzyme (saure Proteasen und beta-Glukuronidase.
Acta Biol Med Ger 30:241-51, 1973 (Ger)
AMNIOTIC FLUID, enzymology/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ FEMALE/ FETAL DEATH, enzymology/ FETAL DEATH, immunology/ *FETAL MEMBRANES, enzymology/ FETAL MEMBRANES, immunology/ *FETUS, enzymology/ FETUS, immunology/ GESTATIONAL AGE/ GLUCURONIDASE, blood/ *GLUCURONIDASE, metabolism/ IMMUNE SERUMS/ LIVER, enzymology/ MATERNAL-FETAL EXCHANGE/ PEPTIDE HYDROLASES, blood/ *PEPTIDE HYDROLASES, metabolism/ *PLACENTA, enzymology/ PLACENTA, immunology/ PREGNANCY/ PROTEINS/ RABBITS, immunology/ RATS

2721. **Goetzl EJ, Austen KF:** A neutrophil-immobilizing factor derived from human leukocytes. I. Generation and partial characterization.
J Exp Med 136:1564-80, 1 Dec 72
BLOOD PLATELETS/ CELL MIGRATION INHIBITION/ *CHEMOTAXIS/ COMPLEMENT/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENDOTOXINS/ HUMAN/ *INFLAMMATION/ KALLIKREIN, pharmacodynamics/ *LEUKOCYTES, immunology/ *NEUTROPHILS, immunology/ PHAGOCYTOSIS, drug effects/ *SERODIAGNOSIS/ STIMULATION, CHEMICAL

2722. **Goguel A, Houbouyan L:** Coagulation intravasculaire et angiocholite urémigène.
Nouv Presse Med 2:1948, 28 Jul 73 (Fre)
*CHOLANGITIS, complications/ CHOLECYSTITIS, complications/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ HUMAN/ MALE/ MIDDLE AGE/ THROMBOPENIA, complications/ *UREMIA, complications

2723. **Goisis M, Oppo GT, Grossi F:** Indagini tromboelastografiche sugli effetti di un nuovo estrogeno non steroideo sulla emocoagulazione.
Minerva Ginecol 25:146-52, Mar 73 (Ita)
ADULT/ AGED/ *BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ ESTROGENS, administration & dosage/ *ESTROGENS, pharmacodynamics/ ETHINYL ESTRADIOL, administration & dosage/ FEMALE/ HUMAN/ *LACTONES, pharmacodynamics/ MENOPAUSE/ MIDDLE AGE/ PROTHROMBIN TIME/ *RESORCINOL, pharmacodynamics/ *THROMBELASTOGRAPHY

2724. **Gola A, Nowicka J, Robaczyński J:** Małopłytkowość u ciężarnej z olbrzymimi naczyniakami skóry i naczyniakiem płuca prawego.
Pol Arch Med Wewn 50:163-7, Feb 73 (Pol)
ADULT/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, complications/ HUMAN/ *LUNG NEOPLASMS, complications/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ *SKIN NEOPLASMS, complications/ THROMBOPENIA, complications

2725. **Gold HK, Leinbach RC, Sanders CA, et al:** Intraaortic balloon pumping for control of recurrent myocardial ischemia. Circulation 47:1197-203, Jun 73
ADRENERGIC BETA RECEPTOR BLOCKADERS, therapeutic use/ ANGINA PECTORIS, drug therapy/ *ANGINA PECTORIS, therapy/ ANGIOGRAPHY/ AORTOCORONARY BYPASS/ *ASSISTED CIRCULATION/ BLOOD PRESSURE/ CORONARY DISEASE, complications/ CORONARY DISEASE, surgery/ CORONARY VESSELS, radiography/ ELECTROCARDIOGRAPHY/ FEMALE/ HEART RATE/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, complications/ MYOCARDIAL INFARCT, prevention & control/ NITRATES, therapeutic use/ OXYGEN INHALATION THERAPY/ REST/ SAPHENOUS VEIN/ TRANSPLANTATION, AUTOLOGOUS/ VEINS, transplantation

2726. **Gold RE, Hoskins PA:** Radiologic evaluation of splenic trauma.
CRC Crit Rev Radiol Sci 3:453-87, Dec 72 (117 ref.)
ADOLESCENCE/ ADULT/ ANGIOGRAPHY/ ARTERIAL OCCLUSIVE DISEASES, etiology/ ARTERIAL OCCLUSIVE DISEASES, radiography/ ARTERIOVENOUS FISTULA, etiology/ ARTERIOVENOUS FISTULA, radiography/ CHILD/ CHILD, PRESCHOOL/ CYSTS, etiology/ CYSTS, radiography/ FEMALE/ HEMATOMA, etiology/ HEMATOMA, radiography/ HEMOPERITONEUM, etiology/ HEMOPERITONEUM, radiography/ HUMAN/ MALE/ MIDDLE AGE/ REVIEW/ SPLENIC ARTERY, radiography/ SPLENIC DISEASES, etiology/ SPLENIC DISEASES, radiography/ SPLENIC RUPTURE, complications/ *SPLENIC RUPTURE, radiography/ SPLENIC VEIN, radiography

2727. **Goldberg AL:** Correlation between rates of degradation of bacterial proteins in vivo and their sensitivity to proteases. Proc Natl Acad Sci USA 69:2640-4, Sep 72
AMINO ACIDS, metabolism/ AMINOBUTYRIC ACID, metabolism/ *BACTERIAL PROTEINS, metabolism/ CANAVANINE, metabolism/ CHLORINE, metabolism/ CHYMOTRYPSIN, pharmacodynamics/ ESCHERICHIA COLI, drug effects/ *ESCHERICHIA COLI, metabolism/ GENETICS, MICROBIAL/ HALF-LIFE/ KINETICS/ LEUCINE, metabolism/ MUTATION/ *PEPTIDE HYDROLASES, pharmacodynamics/ PEPTIDE PEPTIDOHYDROLASES, pharmacodynamics/ PRONASE, pharmacodynamics/ PUROMYCIN, metabolism/ TRITIUM/ TRYPSIN, pharmacodynamics

2728. **Goldberg DM, Campbell R, Roy AD:** An investigation of the role of intraluminal proteolytic enzymes and intracellular enzyme inhibitors in ulcerative colitis.
Br J Exp Pathol 53:359-73, Aug 72
ADOLESCENCE/ ADULT/ CHYMOTRYPSIN, antagonists & inhibitors/ *CHYMOTRYPSIN, secretion/ COLECTOMY/ *COLITIS, ULCERATIVE, enzymology/ COLITIS, ULCERATIVE, etiology/ COLITIS, ULCERATIVE, surgery/ *COLON, enzymology/ COLONIC NEOPLASMS, enzymology/ COLONIC NEOPLASMS, surgery/ FEMALE/ HEMORRHAGE, GASTROINTESTINAL/ HUMAN/ ILEOSTOMY/ INTESTINAL MUCOSA, enzymology/ INTESTINAL POLYPS, enzymology/ INTESTINAL POLYPS, surgery/ MALE/ MIDDLE AGE/ NECROSIS, enzymology/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ SECRETORY RATE/ *TRYPSIN, secretion/ TRYPSIN INHIBITORS, analysis

2729. **Goldberg DM, Sale JK, Wormsley KG:** Ratio of chymotrypsin to trypsin in human duodenal aspirate.
Digestion 8:101-9, 1973
CHOLECYSTOKININ, pharmacodynamics/ *CHYMOTRYPSIN, secretion/ DUODENUM/ HUMAN/ MATHEMATICS/ PANCREAS, drug effects/ PANCREAS, enzymology/ PANCREAS, secretion/ PANCREOZYMIN, pharmacodynamics/ SECRETIN,

pharmacodynamics/ STIMULATION, CHEMICAL/ TIME FACTORS/ *TRYPSIN, secretion

2730. **Goldby FS, Beilin LJ:** How an acute rise in arterial pressure damages arterioles. Electron microscopic changes during angiotensin infusion. Cardiovasc Res 6:569-84, Sep 72
ANGIOTENSIN/ ANIMAL EXPERIMENTS/ *ARTERIES, pathology/ BASEMENT MEMBRANE, cytology/ BLOOD PLATELETS/ CAPILLARY PERMEABILITY/ CARBON/ CONSTRICTION/ DILATATION/ EPITHELIUM, cytology/ HYDRALAZINE/ HYPERTENSION, chemically induced/ *HYPERTENSION, pathology/ MALE/ MICROSCOPY, ELECTRON/ MUSCLE, SMOOTH, pathology/ NEPHRECTOMY/ RATS/ TIME FACTORS

2731. **Golden GT, Lovett WL, Harrah JD, et al:** The treatment of extruded and infected permanent cardiac pulse generators: application of a technique of closed irrigation. Surgery 74:575-9, Oct 73
AGED/ CEPHALOTHIN, therapeutic use/ ESCHERICHIA COLI INFECTIONS, complications/ ESCHERICHIA COLI INFECTIONS, drug therapy/ FEMALE/ FOLLOW-UP STUDIES/ HEMATOMA, complications/ HUMAN/ *IRRIGATION/ MALE/ *PACEMAKER, ARTIFICIAL, adverse effects/ SODIUM CHLORIDE, therapeutic use/ STAPHYLOCOCCAL INFECTIONS, complications/ STAPHYLOCOCCAL INFECTIONS, drug therapy/ *SURGICAL WOUND INFECTION, therapy

2732. **Goldiner PL:** New concepts in the administration of bank blood. Clin Anesth 9:54-67, 1972
ANESTHESIA, GENERAL/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ BLOOD TRANSFUSION, adverse effects/ BLOOD TRANSFUSION, instrumentation/ EMBOLISM, prevention & control/ FILTRATION/ HEATING/ HUMAN/ MICROCIRCULATION/ MICROSCOPY, ELECTRON, SCANNING/ MICROWAVES/ *NEOPLASMS, surgery/ POSTOPERATIVE COMPLICATIONS, prevention & control

2733. **Goldman L:** Urokinase in pulmonary embolism. Lancet 2:163, 21 Jul 73
FIBRINOLYTIC AGENTS, administration & dosage/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ *PULMONARY EMBOLISM, drug therapy

2734. **Goldschmidt B:** Blood coagulation and platelet abnormalities in cyanotic congenital heart-disease. Lancet 1:607, 17 Mar 73
*BLOOD COAGULATION DISORDERS, complications/ *BLOOD PLATELET DISORDERS, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *HEART DEFECTS, CONGENITAL, complications/ HUMAN

2735. **Goldsmith HL:** The flow of model particles and blood cells and its relation to thrombogenesis. Prog Hemostasis Thromb 1:97-127, 1972 (127 ref.)
ALDEHYDES, pharmacodynamics/ BLOOD VISCOSITY/ *ERYTHROCYTES/ ERYTHROCYTES, drug effects/ GLUTARATES, pharmacodynamics/ HEMATOCRIT/ HUMAN/ *KINETICS/ REVIEW/ *RHEOLOGY/ *THROMBOSIS, etiology

2736. **Goldstein AI, Rajcher WJ:** Conglutination of the labia minora in the presence of normal endogenous estrogen levels: an exception to the rule. Am J Obstet Gynecol 113:845-6, 15 Jul 72
ADHESIONS/ ADULT/ *ESTROGENS, secretion/ FEMALE/ HUMAN/ *VULVA/ VULVA, surgery

2737. **Goldstein DJ, Diaz A, Finkielman S, et al:** Angiotensinase activity in rat and dog brain. J Neurochem 19:2451-2, Oct 72
ANIMAL EXPERIMENTS/ *BRAIN, enzymology/ DOGS/ FEMALE/ GEL FILTRATION/ KININASE II, isolation & purification/ KININASE II, metabolism/ *PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ RATS

2738. **Goldstein HM, Cohen LE, Hagen RO, et al:** Gastric bezoars: a frequent complication in the postoperative ulcer patient. Radiology 107:341-4, May 73
ADULT/ BEZOARS, drug therapy/ *BEZOARS, etiology/ BEZOARS, radiography/ BEZOARS, therapy/ ENDOSCOPY/ FEMALE/ *GASTRECTOMY/ HUMAN/ MALE/ MIDDLE AGE/ PEPTIDE HYDROLASES, therapeutic use/ *STOMACH DISEASES, etiology/ STOMACH DISEASES, radiography/ *STOMACH ULCER, surgery

2739. **Goldstein L:** Microenvironmental effects on enzyme catalysis. A kinetic study of polyanionic and polycationic derivatives of chymotrypsin. Biochemistry 11:4072-84, 24 Oct 72
ACYLATION/ AMIDES/ ANHYDRIDES/ ANILIDES/ CATALYSIS/ CHEMISTRY/ *CHYMOTRYPSIN/ ESTERS/ FLUOROACETATES/ FORMIC ACIDS/ GLUTAMATES/ HYDROGEN-ION CONCENTRATION/ IMIDES/ KINETICS/ MALEATES/ MATHEMATICS/ ORNITHINE/ OSMOLAR CONCENTRATION/ PHTHALIC ACID/ POLYETHYLENES/ STRUCTURE-ACTIVITY RELATIONSHIP/ SUCCINATES

2740. **Goldstein L:** The coupling of biologically active proteins to ethylene-maleic anhydride copolymers of different anhydride content. Anal Biochem 50:40-6, Nov 72
ANHYDRIDES/ ANHYDRIDES, analysis/ CHEMISTRY/ CHYMOTRYPSIN/ FREEZE DRYING/ HYDROLYSIS/ *MALEATES/ METHODS/ NITROGEN, analysis/ PAPAIN/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, analysis/ *POLYETHYLENES/ PROTEIN BINDING/ SOLUBILITY/ TRYPSIN

2741. **Goldstein M:** Etude critique des indications de la phlébographie. Phlebologie 25:137-46, Apr-Jun 72 (Fre)
ANTICOAGULANTS, therapeutic use/ ARM, blood supply/ ENGLISH ABSTRACT/ HUMAN/ LEG, blood supply/ LEG INJURIES, complications/ MEDIASTINAL DISEASES, radiography/ PERITONEAL DISEASES, radiography/ *PHLEBOGRAPHY/ PULMONARY EMBOLISM, radiography/ RETROPERITONEAL SPACE, radiography/ THORACIC DISEASES, radiography/ *THROMBOPHLEBITIS, radiography

2742. **Goldstein M:** Contrôle phlébographique des traitements de la thrombose veineuse profonde. Phlebologie 25:299-307, Jul-Sep 72 (Fre)
ACUTE DISEASE/ ADULT/ BANDAGES/ ENGLISH ABSTRACT/ FEMALE/ FEMORAL VEIN, radiography/ FIBRINOLYTIC AGENTS, therapeutic use/ FOLLOW-UP STUDIES/ HEPARIN, therapeutic use/ HUMAN/ ILIAC VEIN, radiography/ MALE/ MIDDLE AGE/ PHLEBOGRAPHY/ PROGNOSIS/ REST/ THROMBOEMBOLISM/ THROMBOPHLEBITIS, drug therapy/ *THROMBOPHLEBITIS, radiography/ THROMBOPHLEBITIS, therapy/ VENA CAVA, INFERIOR, radiography

2743. **Goldzieher JW, Kraemer DC:** The metabolism and effects of contraceptive steroids in primates. Acta Endocrinol [Suppl] (Kbh) 166:389-421, 1972 (115 ref.)
AMINO ACIDS, blood/ ANIMAL EXPERIMENTS/ BABOONS/ BLOOD COAGULATION FACTORS/ CARBOHYDRATES, metabolism/ CARBON ISOTOPES/ *CONTRACEPTIVE AGENTS/ CONTRACEPTIVE AGENTS, metabolism/ CONTRACEPTIVE AGENTS, pharmacodynamics/ DOGS/ ESTRADIOL, metabolism/ ETHINYL ESTRADIOL, metabolism/ FEMALE/ GLUCURONATES, blood/ HALF-LIFE/ HUMAN/ LIPIDS, blood/

MACACA/ MAMMAE, drug effects/ MEGESTROL, pharmacodynamics/ MESTRANOL, metabolism/ MONKEYS/ PROGESTERONE, metabolism/ REVIEW/ TRITIUM/ UTERUS, drug effects/ WATER-ELECTROLYTE BALANCE

2744. **Gollwitzer R, Timpl R, Becker U, et al:** Chemical and immunological properties of reduced and alkylated polypeptide chains of bovine fibrinogen. Eur J Biochem 28:497-506, 4 Aug 72
ADSORPTION/ AMINO ACIDS, analysis/ ANTIBODIES/ ANTIBODY SPECIFICITY/ ANTIGEN-ANTIBODY REACTIONS/ *ANTIGENIC DETERMINANTS/ AUTOANALYSIS/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ CYANOGEN BROMIDE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FIBRINOGEN/ *FIBRINOGEN, analysis/ HEMAGGLUTINATION INHIBITION TESTS/ HEMAGGLUTINATION TESTS/ MOLECULAR WEIGHT/ *PEPTIDES/ PEPTIDES, isolation & purification/ PRECIPITIN TESTS/ PROTEIN CONFORMATION/ RABBITS, immunology/ SODIUM DODECYL SULFATE

2745. **Golosova TV, Margolina AN:** Bakteriologicheskii kontrol' konservirovannoi krovi, ee komponentov i preparatov.
Probl Gematol Pereliv Krovi 17:44-7, Jul 72 (Rus)
*BLOOD, microbiology/ *BLOOD PRESERVATION/ PLASMA, microbiology

2746. **Golosova TV, Margolina AN, Volodina MR, et al:** Prodolzhitel'nost' sokhraneniia toksoplazm v konservirovannoi krovi v zasimosti ot ikh kontsentretsii (Eksperimental'nye issledovaniia.
Zh Mikrobiol Epidemiol Immunobiol 50:23-5, Mar 73 (Rus)
ANIMAL EXPERIMENTS/ *BLOOD, microbiology/ BLOOD PRESERVATION/ ENGLISH ABSTRACT/ MICE/ TIME FACTORS/ *TOXOPLASMA/ TOXOPLASMA, pathogenicity/ TOXOPLASMOSIS, ANIMAL, blood

2747. **Golovin GV, Rakhimova MZ:** Sostoianie formennykh élementov krovi pri ostrykh i khronicheskikh krovopoteriakh (obzor otechestvennoĭ i zarubezhnoĭ literatury. Vestn Khir 108:136-41, Apr 72 (Rus)
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ *BLOOD CELLS/ BLOOD PLATELETS/ BLOOD SEDIMENTATION/ BONE MARROW CELLS, immunology/ BRADYKININ, pharmacodynamics/ CHRONIC DISEASE/ DOGS/ ERYTHROCYTES/ ERYTHROCYTES, immunology/ HEMATOLOGIC DISEASES, immunology/ HEMOGLOBIN, analysis/ *HEMORRHAGE, blood/ HEMORRHAGE, immunology/ HEMORRHAGE, GASTROINTESTINAL, complications/ HUMAN/ MACROPHAGES, immunology/ NEOPLASMS, immunology/ NEUTROPHILS, immunology/ PREDNISOLONE, pharmacodynamics/ RETICULOCYTES/ REVIEW/ TIME FACTORS

2748. **Golovin GV, Tikhonov NN:** K opredeleniiu fraktsii svertyvaniia krovi (obzor otechestvennoĭ i zarubezhnoĭ literatury.
Vestn Khir 110:138-42, Apr 73 (42 ref.) (Rus)
BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION TESTS/ CEREBROVASCULAR DISORDERS, diagnosis/ CLOT RETRACTION/ METHODS/ REVIEW

2749. **Golovsky D, Tam WT, O'Neill BJ:** Abnormal bleeding after prostatectomy. Med J Aust 1:143, 20 Jan 73
CASE REPORT/ *FIBRINOGEN, therapeutic use/ *HEMORRHAGE, drug therapy/ HEMORRHAGE, etiology/ HUMAN/ MALE/ MIDDLE AGE/ *PROSTATECTOMY, adverse effects

2750. **Golstein P, Svedmyr EA, Blomgren H:** Specific adsorption of cytotoxic thymus-processed lymphocytes (T cells) on glutaraldehyde-fixed fibroblast monolayers. Eur J Immunol 2:380-3, Aug 72
*ADSORPTION/ *ALDEHYDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ CELL SEPARATION/ CELLS, CULTURED/ CHROMIUM ISOTOPES/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FIBROBLASTS, drug effects/ *FIBROBLASTS, immunology/ *GLUTARATES, pharmacodynamics/ *HISTOCOMPATIBILITY ANTIGENS/ *T-LYMPHOCYTES, immunology/ MICE/ SARCOMA, MAST CELL, immunology/ SPLEEN, cytology/ TRYPSIN, pharmacodynamics

2751. **Gomel V, Carpenter CW:** Induction of mid-trimester abortion with intrauterine alcohol.
Obstet Gynecol 41:455-8, Mar 73
*ABORTION, INDUCED/ *ALCOHOL, ETHYL, administration & dosage/ ALCOHOL, ETHYL, blood/ AMNIOCENTESIS/ BLOOD/ BLOOD COAGULATION TESTS/ CURETTAGE/ ERGONOVINE, therapeutic use/ ERYTHROCYTES, drug effects/ ESTRIOL, urine/ FEMALE/ GESTATIONAL AGE/ HEMOLYSIS/ HUMAN/ PREGNANCY/ TIME FACTORS/ UMBILICAL CORD

2752. **Gomes OM, Freitas Neto AG, Wolosker M, et al:** Antifibrinolíticos e circulação extracorpórea.
Rev Hosp Clin Fac Med Sao Paulo 27:209-13, Sep-Oct 72 (Por)
*AMINOCAPROIC ACID, therapeutic use/ BLOOD CELL COUNT/ BLOOD COAGULATION DISORDERS, etiology/ *BLOOD COAGULATION DISORDERS, prevention & control/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ *EXTRACORPOREAL CIRCULATION, adverse effects/ *FIBRINOLYSIS, drug effects/ HEART SURGERY/ HUMAN/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use

2753. **Gomez-Perez F:** Anticoagulant activity of two commercially available heparin preparations. A controlled study. J Clin Pharmacol 12:413-6, Oct 72
ADULT/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION, drug effects/ CATTLE/ COMPARATIVE STUDY/ FEMALE/ HEPARIN, administration & dosage/ *HEPARIN, pharmacodynamics/ HUMAN/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ INTESTINAL MUCOSA, analysis/ LUNG, analysis/ MALE/ SWINE/ THROMBOPLASTIN, physiology/ TIME FACTORS

2754. **Goncharenko VV:** Preduprezhlenie obrazovaniia spaek v polosti sustava ftoroplastovoĭ plenkoĭ.
Ortop Travmatol Protez 33:72-6, Sep 72 (Rus)
*ADHESIONS, prevention & control/ ADOLESCENCE/ ADULT/ AGED/ ANIMAL EXPERIMENTS/ DOGS/ HUMAN/ *JOINTS, surgery/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, prevention & control

2755. **González de Vega N, Ocaña G, González de Vega JM:** Hematoma pulmonar calcificado (comunicación de un caso0. Rev Clin Esp 127:821-4, 15 Nov 72 (Spa)
*CALCINOSIS, etiology/ *HEMATOMA/ HUMAN/ *LUNG DISEASES/ MALE/ MIDDLE AGE

2756. **Gonzalez-Lavin L, O'Connell TX:** Mitral valve replacement with viable aortic homograft valves. Ann Thorac Surg 15:592-600, Jun 73
ADULT/ ANTICOAGULANTS, therapeutic use/ *AORTIC VALVE, transplantation/ AUTORADIOGRAPHY/ BLOOD PRESSURE/ ERYTHROMYCIN/ FEMALE/ FIBROBLASTS/ GENTAMICIN/ HUMAN/ HYPERTENSION, PULMONARY, complications/ MALE/ METHICILLIN/ MIDDLE AGE/ *MITRAL VALVE, surgery/ MITRAL VALVE INSUFFICIENCY, complications/ NYSTATIN/ PULMONARY ARTERY/ STERILIZATION/ THYMIDINE/ TRANSPLANTATION, HOMOLOGOUS

2757. **Goode RL, Spooner TR:** Management of nasal fractures in children. A review of current practices. Clin Pediatr (Phila) 11:526-9, Sep 72

CHILD/ CHILD, PRESCHOOL/ EDEMA, etiology/ EPISTAXIS, etiology/ FRACTURES, complications/ *FRACTURES, surgery/ HEMATOMA, etiology/ HUMAN/ INFANT/ METHODS/ NASAL SEPTUM, injuries/ *NOSE, injuries/ PHYSICAL EXAMINATION/ SURGICAL INSTRUMENTS

2758. **Gooding RH:** Digestive processes of haematophagous insects--II. Trypsin from the sheep ked Melophagus ovinus (L.) (hippoboscidae, diptera) and its inhibition by mammalian sera.
Comp Biochem Physiol [B] 43:815-24, 15 Dec 72
ALPHA GLOBULIN, isolation & purification/ ANIMAL EXPERIMENTS/ ANTIBODIES, isolation & purification/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DIPTERA/ *DIPTERA, physiology/ ELECTROPHORESIS/ FREEZE DRYING/ MOLECULAR WEIGHT/ SHEEP/ SHEEP, immunology/ TIME FACTORS/ TRYPSIN, isolation & purification/ *TRYPSIN, metabolism/ TRYPSIN INHIBITORS, pharmacodynamics

2759. **Goossens N:** Probleme der Dosierung und nebenwirkungen der Antikoagulanzien und fibrinolytika (Innere Medizin, Chirurgie.
Int J Clin Pharmacol 6:188-95, Jun 72 (Ger)
ANTICOAGULANTS, administration & dosage/ *ANTICOAGULANTS, adverse effects/ BLOOD COAGULATION TESTS/ DRUG HYPERSENSITIVITY/ FIBRINOLYTIC AGENTS, administration & dosage/ *FIBRINOLYTIC AGENTS, adverse effects/ HEMORRHAGE, chemically induced/ HUMAN/ INTERNAL MEDICINE/ PAIN, chemically induced/ SURGERY

2760. **Gootz M, Lassmann G:** Spezifische Cholinesterase im intakten Knochenmark.
Acta Haematol (Basel) 48:151-7, 1972 (Ger)
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, enzymology/ *BONE MARROW CELLS, enzymology/ *CHOLINESTERASE, metabolism/ HISTOCYTOCHEMISTRY/ MEGAKARYOCYTES, enzymology/ MICE/ RATS

2761. **Gopalrao T, Wholey MH, Ford WB:** A new multipurpose catheter. Vasc Surg 6:180-5, Sep-Oct 72
AGED/ *ANGIOGRAPHY, instrumentation/ *CATHETERIZATION, instrumentation/ *EMBOLISM, surgery/ FEMALE/ FEMORAL ARTERY, surgery/ *HEMOSTASIS, instrumentation/ HUMAN/ MALE/ MIDDLE AGE/ *POLYVINYLS/ POPLITEAL ARTERY, surgery/ RUPTURE/ *SURGICAL EQUIPMENT

2762. **Gordon AH:** Acute-phase proteins in wound healing.
Ciba Found Symp 9:73-90, 1972 (40 ref.)
AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ BLOOD PROTEINS/ *BLOOD PROTEINS, metabolism/ BLOOD PROTEINS, pharmacodynamics/ CAPILLARY PERMEABILITY/ CATTLE/ CELLS, CULTURED/ FIBRINOGEN, metabolism/ FIBROBLASTS, metabolism/ GLYCOPROTEINS, blood/ GROWTH SUBSTANCES, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ INFLAMMATION/ MACROPHAGES, metabolism/ MICE/ MITOSIS/ MONOSACCHARIDES, metabolism/ NEUTROPHILS, metabolism/ PHAGOCYTOSIS/ PINOCYTOSIS/ RATS/ REVIEW/ *WOUND HEALING/ WOUNDS AND INJURIES, blood/ *WOUNDS AND INJURIES, metabolism

2763. **Gordon AM, Rowan RM, Brown T, et al:** Routine application of the nitroblue tetrazolium test in the clinical laboratory. J Clin Pathol 26:52-6, Jan 73
BACTERIAL INFECTIONS, blood/ *BACTERIAL INFECTIONS, diagnosis/ BACTERIOLOGICAL TECHNICS/ BRUCELLOSIS, diagnosis/ EDTA/ HEMATOLOGY/ HEPARIN/ HUMAN/ INFECTIOUS MONONUCLEOSIS, diagnosis/ LEPROSY, diagnosis/ MEASLES, diagnosis/ MENINGITIS, diagnosis/ METHODS/ MUMPS, diagnosis/ NEUTROPHILS, metabolism/ POLYSACCHARIDES/ RESPIRATORY TRACT INFECTIONS, diagnosis/ SEPTICEMIA, diagnosis/ *TETRAZOLIUM SALTS, diagnostic use/ TETRAZOLIUM SALTS, metabolism/ VACCINIA, diagnosis/ VIRUS DISEASES, blood

2764. **Gordon F, Cuaron A, Muñoz JR, et al:** Scanning of the hepatic blood pool in the differential diagnosis of space-occupying lesions of the liver. With emphasis on amebic abscess. Ann Intern Med 78:247-50, Feb 73
CYSTS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ HEMANGIOMA, diagnosis/ HEMATOMA, diagnosis/ HUMAN/ INDIUM/ LIVER, blood supply/ *LIVER ABSCESS, AMEBIC, diagnosis/ *LIVER CIRCULATION/ LIVER CIRRHOSIS, diagnosis/ *LIVER DISEASES, diagnosis/ LIVER NEOPLASMS, diagnosis/ NEOPLASM METASTASIS/ *RADIOISOTOPE SCANNING

2765. **Gordon JL, Evans RJ, Gresham GA:** Experimental thrombus formation in mesenteric microvessels: evaluation of a method. Microvasc Res 6:108-15, Jul 73
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS/ BLOOD PLATELETS, cytology/ ELECTRICITY/ *EMBOLISM, chemically induced/ HYDROGEN-ION CONCENTRATION/ *MESENTERIC VEINS, drug effects/ *MICROCIRCULATION, pathology/ MICROSCOPY, ELECTRON/ RATS/ *SODIUM CHLORIDE, pharmacodynamics/ *THROMBOPHLEBITIS

2766. **Gordon RA:** Anesthetic management of patients with airway problems. Int Anesthesiol Clin 10:37-59, Fall 72
*AIRWAY OBSTRUCTION/ AIRWAY OBSTRUCTION, etiology/ *ANESTHESIA, GENERAL/ FOREIGN BODIES, complications/ GLOTTIS/ GLOTTIS, abnormalities/ HEMATOMA, complications/ HUMAN/ INFLAMMATION/ INTUBATION, INTRATRACHEAL, instrumentation/ LARYNGOSCOPY, instrumentation/ MEDIASTINAL NEOPLASMS, complications/ METHODS/ NEEDLES/ PHARYNGEAL DISEASES, complications/ PHARYNGEAL NEOPLASMS, complications/ PHARYNX, injuries/ POSTOPERATIVE COMPLICATIONS/ TRACHEAL NEOPLASMS, complications/ TRACHEAL STENOSIS, complications/ TRACHEOTOMY

2767. **Gordon RJ:** Viscosity considerations in the determination of regional circulatory adjustments to anemia. Circ Res 31:811-2, Nov 72
*ANEMIA, physiopathology/ ANIMAL EXPERIMENTS/ *BLOOD VISCOSITY/ CORONARY CIRCULATION/ DOGS/ KIDNEY, blood supply/ REGIONAL BLOOD FLOW/ *VASCULAR RESISTANCE

2768. **Gore I, Hirst AE Jr:** Dissecting aneurysm of the aorta.
Prog Cardiovasc Dis 16:103-11, Sep-Oct 73 (52 ref.)
ADULT/ AGED/ ANIMAL EXPERIMENTS/ AORTA, injuries/ AORTA, ABDOMINAL, pathology/ *AORTIC ANEURYSM/ AORTIC ANEURYSM, complications/ AORTIC ANEURYSM, drug therapy/ AORTIC ANEURYSM, etiology/ AORTIC ANEURYSM, mortality/ AORTIC ANEURYSM, occurrence/ AORTIC ANEURYSM, pathology/ AORTIC RUPTURE, complications/ AORTOGRAPHY, adverse effects/ ARTERIES, pathology/ FEMALE/ HEMATOMA, pathology/ HEMORRHAGE, pathology/ HUMAN/ HYPERTENSION, complications/ MALE/ MIDDLE AGE/ PREGNANCY/ PULSE/ RESERPINE, therapeutic use/ REVIEW

2769. **Goren SB, Clemis JD:** Care of the eye in facial paralysis.
Arch Otolaryngol 97:227-8, Feb 73
ADHESIONS/ CONTACT LENSES/ CORNEA/ EYELID DISEASES, etiology/ *EYELID DISEASES, therapy/ EYELIDS, surgery/ FACIAL PARALYSIS, complications/ *FACIAL PARALYSIS, therapy/ HUMAN/ SCLERA/ SUTURE TECHNICS

2770. **Gorius JB, Dreyfus B, Sultan C, et al:** Identification of circulating micromegakaryocytes in a case of

refractory anemia: an electron microscopic-cytochemical study.
Blood 40:453-63, Oct 72
ADULT/ ALKALINE PHOSPHATASE, blood/ *ANEMIA, blood/ ANEMIA, complications/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BONE MARROW EXAMINATION/ CYTARABINE, therapeutic use/ DAUNOMYCIN, therapeutic use/ FEMALE/ HISTOCYTOCHEMISTRY/ HUMAN/ *MEGAKARYOCYTES/ MEGAKARYOCYTES, enzymology/ MICROSCOPY, ELECTRON/ MICROSCOPY, PHASE CONTRAST/ PEROXIDASES, blood/ THROMBOPENIA, drug therapy/ THROMBOPENIA, etiology

2771. **Gormsen J, Feddersen C, Clemmensen I, et al:** Degradation of fibrinogen in vitro. Demonstration of several antigenic intermediates by specific anti-D and anti-E serum. Scand J Haematol 9:577-86, 1972
*ANTIGENIC DETERMINANTS/ ANTIGENS/ BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ ELECTROPHORESIS/ *FIBRINOGEN, metabolism/ *FIBRINOLYSIN, metabolism/ *FIBRINOLYSIS/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HEAT/ *IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ METHODS/ MOLECULAR WEIGHT/ RABBITS, immunology/ TIME FACTORS

2772. **Gormsen J, Feddersen C:** Degradation of stabilized and nonstabilized fibrin clots by plasmin: an immunological study.
Ann NY Acad Sci 202:329-34, 8 Dec 72
ANTIGENS/ FACTOR XIII/ *FIBRIN/ FIBRINOGEN/ FIBRINOGEN, antagonists & inhibitors/ FIBRINOLYSIS/ *FIBRINOLYSIS/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS/ SWINE/ TIME FACTORS/ UREA

2773. **Gornall DA, Kukis A, Morley N:** Lipid-metabolizing enzymes in the ovary of the laying hen.
Biochim Biophys Acta 280:225-30, 5 Oct 72
*ACYLTRANSFERASES, analysis/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHICKENS/ CHOLESTEROL/ CHROMATOGRAPHY, THIN LAYER/ *ESTERASES, analysis/ FEMALE/ GLYCERIDES/ GLYCERIN/ KINETICS/ *LIPASE, analysis/ LIPID MOBILIZATION/ *LIPOPROTEIN LIPASE, analysis/ *OVARY, enzymology/ *PHOSPHOTRANSFERASES, analysis/ TRITIUM

2774. **Gortázar-Híjar P:** Caso clinico: glomerulonefritis.
Arch Invest Med (Mex) 4:75-8, 1973 (Spa)
ACUTE DISEASE/ CASE REPORT/ CHILD/ CYCLOPHOSPHAMIDE, administration & dosage/ CYCLOPHOSPHAMIDE, therapeutic use/ *GLOMERULONEPHRITIS/ GLOMERULONEPHRITIS, diagnosis/ GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, etiology/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ MALE/ PENICILLIN G, PROCAINE, administration & dosage/ PENICILLIN G, PROCAINE, therapeutic use/ PHENINDIONE, administration & dosage/ PHENINDIONE, therapeutic use/ STREPTOCOCCAL INFECTIONS, complications

2775. **Göthlin J:** Dye dilution technique with angiography in the investigation of renal arteriovenous shunting.
Acta Radiol [Diagn] (Stockh) 14:305-14, May 73
*ANGIOGRAPHY/ ARTERIOVENOUS FISTULA, etiology/ ARTERIOVENOUS FISTULA, physiopathology/ *ARTERIOVENOUS FISTULA, radiography/ BIOPSY, adverse effects/ CARCINOMA, complications/ CARCINOMA, radiography/ DYE DILUTION TECHNIC/ HEMANGIOMA, complications/ HEMANGIOMA, radiography/ HEMODYNAMICS/ HUMAN/ *KIDNEY, blood supply/ KIDNEY, pathology/ KIDNEY NEOPLASMS, complications/ KIDNEY NEOPLASMS, radiography/ REGIONAL BLOOD FLOW/ *RENAL ARTERY, radiography/ *RENAL VEINS, radiography

2776. **Göthlin J, Tranberg KG:** Complications of percutaneous transhepatic cholangiography (PTC).
Am J Roentgenol Radium Ther Nucl Med 117:426-31, Feb 73
ADOLESCENCE/ ADULT/ AGED/ BILE DUCT NEOPLASMS, radiography/ BILE DUCTS, abnormalities/ *BILIARY FISTULA, etiology/ BILIARY FISTULA, radiography/ BLOOD COAGULATION TESTS/ CHILD/ CHILD, PRESCHOOL/ *CHOLANGIOGRAPHY, adverse effects/ COMMON BILE DUCT CALCULI, radiography/ FEMALE/ HEMORRHAGE, etiology/ HEPATITIS, radiography/ HUMAN/ INFANT/ *LIVER, injuries/ *LIVER ABSCESS, etiology/ LIVER NEOPLASMS, radiography/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS, radiography/ PAIN/ PANCREATIC NEOPLASMS, radiography/ PANCREATITIS, radiography/ *PUNCTURES, adverse effects

2777. **Goto T, Kawai Y, Ogawa K, et al:** [Successful treatment of mediastinal arterio-venous fistula]
Jap J Thorac Surg 25:665-8, Sep 72 (Jap)
ADULT/ *ARTERIOVENOUS FISTULA, surgery/ ENGLISH ABSTRACT/ FEMALE/ HEMANGIOMA, surgery/ HUMAN/ MEDIASTINAL NEOPLASMS, surgery/ *MEDIASTINUM, blood supply

2778. **Goto Y, Kimura H, Matsumoto K:** [Experimental studies on plasma expanders affecting Shwartzman type tissue reaction]
Jap J Anesthesiol 21:740-6, Aug 72 (Jap)
ANIMAL EXPERIMENTS/ DEXTRAN, pharmacodynamics/ ENGLISH ABSTRACT/ HYDROCORTISONE, pharmacodynamics/ *PLASMA SUBSTITUTES, pharmacodynamics/ RABBITS/ *SHWARTZMAN PHENOMENON

2779. **Gott VL, Furuse A:** The current status of in vivo screening of synthetic implant materials for blood compatibility. Med Instrum 7:121-4, Mar-Apr 73
ANIMAL EXPERIMENTS/ *BIOCOMPATIBLE MATERIALS/ BLOOD VESSEL PROSTHESIS/ DOGS/ ELECTRICITY/ EVALUATION STUDIES/ HEART ATRIUM/ HEART VALVE PROSTHESIS/ HEPARIN/ METHODS/ POLYMERS/ *PROSTHESIS/ SURFACE PROPERTIES/ *THROMBOSIS, prevention & control/ TIME FACTORS/ VENA CAVA, INFERIOR

2780. **Gotta AW, Sullivan CA, Seaman J, et al:** Prolonged intraoperative bleeding caused by propylthiouracil-induced hypoprothrombinemia.
Anesthesiology 37:562-3, Nov 72
FEMALE/ *HEMORRHAGE, etiology/ HUMAN/ HYPOPROTHROMBINEMIAS, chemically induced/ *HYPOPROTHROMBINEMIAS, complications/ MIDDLE AGE/ *PROPYLTHIOURACIL, adverse effects/ PROTHROMBIN TIME/ THYROIDECTOMY

2781. **Gottlieb JA:** Combination chemotherapy: rationale for schedule selection and use of agents with independent toxicities in phase I and II clinical trials.
Transplant Proc 5:1185-9, Sep 73
ACUTE DISEASE, drug therapy/ ADRIAMYCIN, therapeutic use/ ADULT/ AGRANULOCYTOSIS, chemically induced/ BCG VACCINATION/ BLEOMYCIN, therapeutic use/ CYTARABINE, therapeutic use/ *DRUG COMBINATIONS, therapeutic use/ HUMAN/ IMMUNOSUPPRESSION/ LEUKEMIA, drug therapy/ LYMPHOPENIA, chemically induced/ MITOSIS, drug effects/ NITROGEN MUSTARD COMPOUNDS, adverse effects/ PREDNISONE, therapeutic use/ THROMBOPENIA, chemically induced/ VINCRISTINE, therapeutic use

2782. **Gottlieb JA, Baker LH, Quagliana JM, et al:** Chemotherapy of sarcomas with a combination of adriamycin and dimethyl triazeno imidazole carboxamide. Cancer 30:1632-8, Dec 72
ADRIAMYCIN, administration & dosage/ ADRIAMYCIN, adverse effects/ *ADRIAMYCIN, therapeutic use/ ALOPECIA, chemically induced/ AMIDES, administration &

dosage/ AMIDES, adverse effects/ AMIDES, therapeutic use/ ANTINEOPLASTIC AGENTS, administration & dosage/ ANTINEOPLASTIC AGENTS, adverse effects/ *ANTINEOPLASTIC AGENTS, therapeutic use/ EVALUATION STUDIES/ HEART, drug effects/ HUMAN/ IMIDAZOLES, administration & dosage/ IMIDAZOLES, adverse effects/ *IMIDAZOLES, therapeutic use/ LEUKOPENIA, chemically induced/ NEOPLASM METASTASIS/ *SARCOMA, drug therapy/ THROMBOPENIA, chemically induced/ TRIAZENES, administration & dosage/ TRIAZENES, adverse effects/ *TRIAZENES, therapeutic use

2783. **Gottmann-Lückerath I, Steigleder GK:** Uberempfindlichkeit gegen Enzym-haltige Waschmittel und Waschmittelenzyme.
Arch Dermatol Forsch 245:63-8, 1972 (Ger)
CLOTHING/ *DETERGENTS, adverse effects/ DRUG HYPERSENSITIVITY, diagnosis/ DRUG HYPERSENSITIVITY, etiology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LAUNDERING/ MALE/ *PEPTIDE HYDROLASES, adverse effects/ SEX FACTORS/ SKIN TESTS

2784. **Gottstein U:** Was ist gesichert in der medikamentösen Behandlung zerebraler Zirkulationsstörungen.
Med Klin 68:947-51, 20 Jul 73 (34 ref.) (Ger)
BRAIN EDEMA, drug therapy/ CARBON DIOXIDE, pharmacodynamics/ CEREBROVASCULAR CIRCULATION, drug effects/ *CEREBROVASCULAR DISORDERS, drug therapy/ CEREBROVASCULAR DISORDERS, etiology/ DEXTRAN, therapeutic use/ DIGITALIS GLYCOSIDES, therapeutic use/ FIBRINOLYTIC AGENTS, therapeutic use/ FUROSEMIDE, therapeutic use/ HEART DISEASES, complications/ HUMAN/ HYPERTENSION, drug therapy/ HYPOTENSION, drug therapy/ ISCHEMIA, drug therapy/ MANNITOL, therapeutic use/ REVIEW/ VASOCONSTRICTOR AGENTS, therapeutic use/ VASODILATOR AGENTS, therapeutic use

2785. **Gottstein U:** Allgemeine Behandlungsrichtlinien einer medikamentösen Therapie der Hirarterienverschlussfolgen.
Verh Dtsch Ges Inn Med 78:466-81, 1972 (Ger)
ANTICOAGULANTS, therapeutic use/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ ARRHYTHMIA, drug therapy/ ARTERIAL OCCLUSIVE DISEASES, complications/ *ARTERIAL OCCLUSIVE DISEASES, drug therapy/ CATS/ CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ CEREBROVASCULAR DISORDERS, complications/ *CEREBROVASCULAR DISORDERS, drug therapy/ DOGS/ HEART FAILURE, CONGESTIVE, drug therapy/ HUMAN/ INTRACRANIAL PRESSURE

2786. **Götz M, Pichler E:** Zur Panmyelopathie im Kindesalter.
Klin Paediatr 184:377-84, Sep 72 (Ger)
ABNORMALITIES, MULTIPLE, complications/ ACUTE DISEASE/ ANEMIA, APLASTIC, blood/ ANEMIA, APLASTIC, chemically induced/ ANEMIA, APLASTIC, complications/ ANEMIA, APLASTIC, congenital/ *ANEMIA, APLASTIC, diagnosis/ ANEMIA, APLASTIC, drug therapy/ ANEMIA, APLASTIC, surgery/ BONE MARROW EXAMINATION/ CHILD/ CHILD, PRESCHOOL/ CHLORAMPHENICOL, adverse effects/ ENGLISH ABSTRACT/ ERYTHROCYTE COUNT/ FEMALE/ HUMAN/ INFANT/ LEUKEMIA, complications/ MALE/ OXYMETHOLONE, therapeutic use/ RETICULOCYTES/ SPLENECTOMY/ SULFONAMIDES, adverse effects/ THROMBOPENIA, complications

2787. **Gouault-Heilmann M, Váret B, Romano C, et al:** Activité "thromboplastique" des leucocytes in vitro et coagulation intravasculaire au cours des leucémies.
Pathol Biol (Paris) Suppl:56-64, Dec 72 (Fre)
BLOOD COAGULATION/ CEPHALINS, pharmacodynamics/ *DISSEMINATED INTRAVASCULAR COAGULATION, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ HUMAN/ IN VITRO/ *LEUKEMIA, blood/ LEUKEMIA, MYELOBLASTIC, complications/ *LEUKOCYTES, analysis/ *THROMBOPLASTIN, analysis

2788. **Gouin F, Ricodeau F, Dubouloz F, et al:** Place et intérêt de la voie veineuse sous clavière en réanimation.
Anesth Analg (Paris) 29:333-9, May-Jun 72 (Fre)
*CATHETERIZATION/ CATHETERIZATION, adverse effects/ FEVER, etiology/ HEART ARREST, therapy/ HEMATOMA, etiology/ HUMAN/ PNEUMOTHORAX, etiology/ PUNCTURES/ *RESUSCITATION/ SEPTICEMIA, etiology/ SHOCK, therapy/ *SUBCLAVIAN VEIN/ THORACIC DUCT, injuries

2789. **Gouin JL, Monfort J, Le Neel JC, et al:** A propos de 33 cas de lésions artérielles majeures observés au cours des traumatismes des membres.
Ann Chir 26:991-1002, Oct 72 (Fre)
ADOLESCENCE/ ADULT/ AGED/ AMPUTATION/ *ARM, blood supply/ *ARM INJURIES/ *ARTERIES, injuries/ CHILD/ EDEMA, etiology/ ENGLISH ABSTRACT/ FEMALE/ HEMATOMA, etiology/ HEMORRHAGE, etiology/ HUMAN/ ISCHEMIA, etiology/ KIDNEY FAILURE, ACUTE, etiology/ *LEG, blood supply/ *LEG INJURIES/ MALE/ MIDDLE AGE

2790. **Gould AR, May BK, Elliott WH:** Accumulation of messenger RNA for extracellular enzymes as a general phenomenon in Bacillus amyloliquefaciens.
J Mol Biol 73:213-9, 10 Jan 73
*AMYLASE, biosynthesis/ AMYLASE, secretion/ BACILLUS, drug effects/ BACILLUS, enzymology/ *BACILLUS, metabolism/ CARBON ISOTOPES/ CELL MEMBRANE PERMEABILITY/ DACTINOMYCIN, pharmacodynamics/ LEUCINE, metabolism/ *PEPTIDE HYDROLASES, biosynthesis/ PEPTIDE HYDROLASES, secretion/ *RIBONUCLEASE, biosynthesis/ RIBONUCLEASE, secretion/ RIFAMPIN, pharmacodynamics/ *RNA, MESSENGER, biosynthesis/ TRANSCRIPTION, GENETIC

2791. **Gould RM, Dawson RM:** The trypsin-catalyzed hydrolysis of monomolecular films of lysylphosphatidylglycerol.
Biochim Biophys Acta 288:1-11, 23 Oct 72
CALCIUM/ CALCIUM ISOTOPES/ CARBON ISOTOPES/ CATIONS, DIVALENT/ CHEMISTRY/ CHLORPROMAZINE/ *GLYCEROPHOSPHATES/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ KINETICS/ LYSINE/ *MEMBRANES, ARTIFICIAL/ OSMOLAR CONCENTRATION/ *PHOSPHOLIPIDS/ SODIUM/ STAPHYLOCOCCUS/ STRUCTURE-ACTIVITY RELATIONSHIP/ SURFACE TENSION/ *TRYPSIN

2792. **Gould RM, London Y:** Specific interaction of central nervous system myelin basic protein with lipids. Effects of basic protein on glucose leakage from liposomes.
Biochim Biophys Acta 290:200-18, 1 Dec 72
ANIMAL EXPERIMENTS/ CATTLE/ CYTOCHROME C/ DURA MATER, analysis/ *GLUCOSE/ GLUCOSE, analysis/ HISTONES/ HYDROGEN-ION CONCENTRATION/ LECITHINS/ LIPIDS, analysis/ LIPOPROTEINS/ *LIPOSOMES/ MALE/ MICROSCOPY, ELECTRON/ MURAMIDASE/ MYELIN SHEATH, analysis/ *NERVE TISSUE PROTEINS/ NERVE TISSUE PROTEINS, isolation & purification/ PEPTIDES/ PERIPHERAL NERVES, analysis/ PHOSPHOLIPIDS, analysis/ PROTAMINES/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SPINAL CORD, analysis/ TRYPSIN

2793. **Goullet P:** An esterase zymogram of Escherichia coli.
J Gen Microbiol 77:27-35, Jul 73
ACETATES, metabolism/ BACTERIAL

PROTEINS, analysis/ BUTYRATES, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ESCHERICHIA COLI, drug effects/ *ESCHERICHIA COLI, enzymology/ ESCHERICHIA COLI, growth & development/ *ESTERASES, analysis/ ESTERASES, antagonists & inhibitors/ ESTERASES, metabolism/ HEAT/ HYDROLYSIS/ ISOFLUROPHATE, pharmacodynamics/ MERCURIBENZOATES, pharmacodynamics/ PROTEIN DENATURATION/ TRYPSIN, pharmacodynamics

2794. **Goulon M, Lefebvre Y, Gajdos P, et al:** Sciatique paralysante par angiome du sacrum traité avec succés par cobaltothérapie.
Ann Med Interne (Paris) 123:631-4, Jun-Jul 72 (Fre)
*COBALT ISOTOPES, therapeutic use/ FEMALE/ *HEMANGIOMA, complications/ HEMANGIOMA, diagnosis/ HEMANGIOMA, radiotherapy/ HEMANGIOMA, surgery/ HUMAN/ MIDDLE AGE/ MYELOGRAPHY/ PARALYSIS, etiology/ *RADIOISOTOPE TELETHERAPY/ SACRUM/ SCIATICA, etiology/ SCIATICA, therapy/ *SPINAL NEOPLASMS, complications/ SPINAL NEOPLASMS, diagnosis/ SPINAL NEOPLASMS, radiotherapy/ SPINAL NEOPLASMS, surgery/ TOMOGRAPHY

2795. **Graciansky P de, Sirkis L:** Acropathie ulcéro-mutilante non familiale.
Bull Soc Fr Dermatol Syphiligr 79:214-5, 1972 (Fre)
ARTHRITIS, complications/ *BONE DISEASES, complications/ CASE REPORT/ CHILD/ ELECTROMYOGRAPHY/ FEMALE/ *FOOT DERMATOSES, complications/ HEMATOMA, complications/ HEMATURIA, complications/ HUMAN/ *LEG ULCER, complications/ NEPHRITIS, complications/ SCOLIOSIS, complications/ SPINAL CANAL, abnormalities/ SYNDROME

2796. **Graeff H, Hugo R von:** Identification of fibrinogen derivatives in plasma samples.
Thromb Diath Haemorrh 27:610-8, 31 Jul 72
ADOLESCENCE/ CHROMATOGRAPHY/ *DISSEMINATED INTRAVASCULAR COAGULATION, blood/ ECLAMPSIA, blood/ ELECTROPHORESIS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ FIBRIN/ *FIBRINOGEN, isolation & purification/ GEL DIFFUSION TESTS/ HUMAN/ MALE/ MOLECULAR WEIGHT/ PRECIPITATION/ PREGNANCY

2797. **Gráf L, Patthy A, Barabás EB, et al:** On the NH 2 -terminal residue of hirudin.
Biochim Biophys Acta 310:416-7, 15 Jun 73
AMINO ACID SEQUENCE/ AMINOPEPTIDASES/ CHROMATOGRAPHY, THIN LAYER/ FORMIC ACIDS/ *HIRUDIN, analysis/ HYDROLYSIS/ OXIDATION-REDUCTION/ THIOCYANATES/ VALINE, analysis

2798. **Grafnetter D, Shimamoto T, Numano F:** Metabolic effect of pyridinolcarbamate on rats kept on a high-fat and cholesterol diet or treated with calciferol.
Cor Vasa 15:58-69, 1973
ANIMAL EXPERIMENTS/ AORTA, metabolism/ ARTERIOSCLEROSIS, drug therapy/ BLOOD SUGAR/ CALCIUM, metabolism/ *CARBAMATES, administration & dosage/ CARBAMATES, therapeutic use/ CHOLESTEROL, blood/ CHOLESTEROL, metabolism/ DIET, ATHEROGENIC/ DIETARY FATS, administration & dosage/ DRUG INTERACTIONS/ *ERGOCALCIFEROL, administration & dosage/ FATTY ACIDS, blood/ FEMALE/ LIPIDS, blood/ LIPIDS, metabolism/ LIPOPROTEIN LIPASE, metabolism/ LIVER, metabolism/ METABOLISM, drug effects/ MYOCARDIUM, metabolism/ PHOSPHOLIPIDS, blood/ RATS

2799. **Graham AJ:** The practicabilities of deep vein thrombosis. Cent Afr J Med 19:94-7, May 73
ANTICOAGULANTS, therapeutic use/ FIBRINOLYSIS/ HUMAN/ PHLEBOGRAPHY/ RADIOISOTOPE SCANNING/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, prevention & control/ THROMBOPHLEBITIS, surgery/ ULTRASONICS, diagnostic use

2800. **Graham JB, Barrow ES:** Factor VIII.
Lancet 2:388, 18 Aug 73
ALLELES/ *FACTOR VIII/ GENES, DOMINANT/ GENETICS, BIOCHEMICAL/ HETEROZYGOTE/ HUMAN/ VON WILLEBRAND'S DISEASE, blood/ *VON WILLEBRAND'S DISEASE, familial & genetic

2801. **Graham JE, Sodek J, Hofmann T:** Rhizopus acid proteinases (rhizopus-pepsins): properties and homology with other acid proteinases.
Can J Biochem 51:789-96, Jun 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AUTOANALYSIS/ BINDING SITES/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HYDROGEN-ION CONCENTRATION/ ISOELECTRIC FOCUSING/ ISOENZYMES, analysis/ ISOENZYMES, metabolism/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, analysis/ *PEPTIDE HYDROLASES, metabolism/ *RHIZOPUS, enzymology/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TIME FACTORS/ TRYPSINOGEN

2802. **Graham JE, Yount WJ, Roberts HR:** Immunochemical characterization of a human antibody to factor XIII.
Blood 41:661-9, May 73
*ANTIBODIES, analysis/ CADAVERINE/ DANSYL COMPOUNDS/ ELECTROPHORESIS/ *FACTOR XIII, antagonists & inhibitors/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNE SERUMS/ *IMMUNOGLOBULINS, isolation & purification/ MALE/ NEUTRALIZATION TESTS

2803. **Graham RC, Griffin R:** Arthus synovitis with horseradish peroxidase as antigen: sequential participation of platelets and leucocytes.
Br J Exp Pathol 53:578-85, Oct 72
ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ ANTIGEN-ANTIBODY COMPLEX/ ANTIGENS/ *ARTHUS PHENOMENON/ *BLOOD PLATELETS, immunology/ BLOOD VESSELS, pathology/ CAPILLARY PERMEABILITY/ FEMALE/ INJECTIONS, INTRA-ARTICULAR/ LEUKOCYTE COUNT/ *LEUKOCYTES, immunology/ MICROSCOPY, ELECTRON/ *PEROXIDASES/ PEROXIDASES, administration & dosage/ PHAGOCYTOSIS/ PLATELET ADHESIVENESS/ RABBITS/ SYNOVIAL MEMBRANE, blood supply/ *SYNOVITIS, immunology/ SYNOVITIS, pathology/ TIME FACTORS

2804. **Grainick HR, Abrell E:** Studies of the procoagulant and fibrinolytic activity of promyelocytes in acute promyelocytic leukaemia.
Br J Haematol 24:89-99, Jan 73
ACUTE DISEASE, blood/ *BLOOD COAGULATION/ BLOOD PLATELET DISORDERS, blood/ CELL FRACTIONATION/ DEXTRAN/ FACTOR V DEFICIENCY/ *FIBRINOLYSIS/ HUMAN/ *LEUKEMIA, MYELOBLASTIC/ LEUKEMIA, MYELOBLASTIC, blood/ MICROSCOPY, PHASE CONTRAST/ PROTHROMBIN TIME

2805. **Grainick HR, Coller BS, Marchesi SL:** Immunological studies of factor VIII in haemophilia and von Willebrand's disease.
Nature [New Biol] 244:281-2, 29 Aug 73
*FACTOR VIII, analysis/ GEL DIFFUSION TESTS/ GOATS, immunology/ *HEMOPHILIA, blood/ HUMAN/ IMMUNOASSAY/ IMMUNOELECTROPHORESIS/ NEUTRALIZATION TESTS/ PRECIPITIN TESTS/ RABBITS, immunology/ *VON WILLEBRAND'S DISEASE, blood

2806. **Grainick HR, Marchesi S, Givelber H:** Intravascular

coagulation in acute leukemia: clinical and subclinical abnormalities. Blood 40:709-18, Nov 72
ACUTE DISEASE/ ADOLESCENCE/ AUSTRALIA ANTIGEN, analysis/ BLOOD COAGULATION TESTS/ CHILD/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FIBRINOGEN, isolation & purification/ HEPARIN, therapeutic use/ HUMAN/ IODINE ISOTOPES/ *LEUKEMIA, complications/ LIVER, enzymology/ THROMBIN

2807. **Gramática L:** Papel de las enzimas pancreáticas purificadas en la génesis de los procesos inflamatorios vesiculares. Estudio experimental.
Rev Esp Enferm Apar Dig 39:365-76, 15 Feb 73 (Spa)
*AMYLASE/ ANIMAL EXPERIMENTS/ *CHOLECYSTITIS, chemically induced/ CHOLECYSTITIS, enzymology/ CHOLELITHIASIS, chemically induced/ CHOLELITHIASIS, enzymology/ DOGS/ FEMALE/ *LIPASE/ MALE/ *PHOSPHOLIPASE/ *TRYPSIN/ *TRYPSINOGEN

2808. **Grampa G:** Radiation injury with particular reference to thorotrast. Pathol Annu 6:147-69, 1971 (199 ref.)
ANIMAL EXPERIMENTS/ CHROMOSOME ABERRATIONS/ GRANULOMA, pathology/ HEMANGIOENDOTHELIOMA, pathology/ HISTOCYTOCHEMISTRY/ HUMAN/ KUPFFER CELLS, analysis/ LIVER, pathology/ LIVER DISEASES, pathology/ LIVER NEOPLASMS, pathology/ LYMPH NODES, pathology/ *NEOPLASMS, RADIATION-INDUCED/ RADIATION DOSAGE/ *RADIATION INJURIES/ RATS/ REVIEW/ SPLEEN, pathology/ SPLENIC DISEASES, pathology/ *THORIUM DIOXIDE, adverse effects/ THORIUM DIOXIDE, isolation & purification/ TIME FACTORS

2809. **Granata A, Quattrocchi A, Germanó D, et al:** Efficacia citoprotetiva de talune sostanze sulle emocellule eritrocitarie e leucocitarie, sottoposte a noxa ipertermizzante.
Minerva Med 64:1375-8, 21 Apr 73 (Ita)
ENGLISH ABSTRACT/ *ERYTHROCYTES, drug effects/ *GLYCINE, pharmacodynamics/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ *LACTATES, pharmacodynamics/ *LEUKOCYTES, drug effects/ PEPTIDE HYDROLASES, antagonists & inhibitors

2810. **Grant RA, Zucker MB:** Avian thrombocyte aggregation and shape change in vitro.
Am J Physiol 225:340-3, Aug 73
ADENOSINE, pharmacodynamics/ *ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, cytology/ *BLOOD PLATELETS, drug effects/ CALCIUM, pharmacodynamics/ CHICKENS/ EDTA, pharmacodynamics/ HEPARIN, pharmacodynamics/ IN VITRO/ MALE/ MICROSCOPY, PHASE CONTRAST/ PHYSICAL STIMULATION/ *PLATELET ADHESIVENESS, drug effects

2811. **Grappel SF:** A simple method for detection and identification of protease inhibitors in serum.
Am J Clin Pathol 59:521-3, Apr 73
AGAR/ CASEIN/ ENZYME REPRESSION/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ METHODS/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, blood/ PRECIPITATION/ RABBITS, immunology

2812. **Grappel SF, Blank F:** Role of keratinases in dermatophytosis. I. Immune responses of guinea pigs infected with Trichophyton mentagrophytes and guinea pigs immunized with keratinases.
Dermatologica 145:245-55, 1972
ANIMAL EXPERIMENTS/ *ANTIBODIES, FUNGAL/ *ANTIBODY FORMATION/ COMPARATIVE STUDY/ COMPLEMENT FIXATION TESTS/ FREUND'S ADJUVANT/ GAMMA GLOBULIN, diagnostic use/ GEL DIFFUSION TESTS/ GUINEA PIGS/ HEAT/ *HYPERSENSITIVITY, DELAYED, etiology/ IMMUNIZATION/ IMMUNOELECTROPHORESIS/ INJECTIONS, INTRADERMAL/ MALE/ *PEPTIDE PEPTIDOHYDROLASES, toxicity/ SKIN TESTS/ *TINEA, etiology/ *TRICHOPHYTIN, toxicity

2813. **Grasshoff H, Wenzel I:** Die Behandlung des plantaren Fersenspornes mit intravenösen Hylaseinjektionen.
Z Aerztl Fortbild (Jena) 67:41-3, 1 Jan 73 (Ger)
ADULT/ AGED/ *CALCANEUS/ CALCANEUS, physiopathology/ FEMALE/ *FOOT DEFORMITIES, ACQUIRED, drug therapy/ HUMAN/ MALE/ MIDDLE AGE/ PEPTIDE HYDROLASES, administration & dosage/ *PEPTIDE HYDROLASES, therapeutic use/ TENDINITIS, drug therapy/ TENDONS, PARA-ARTICULAR, physiopathology

2814. **Graunthoff HJ, Sobbe A:** Aquidensiten mit chromogener Entwicklung in der Angiographie.
Fortschr Geb Roentgenstr Nuklearmed 117:462-6, Oct 72 (Ger)
BRAIN NEOPLASMS, radiography/ *CEREBRAL ANGIOGRAPHY/ COLOR/ *DENSITOMETRY, X-RAY/ DENSITOMETRY, X-RAY, instrumentation/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ HEMANGIOMA, radiography/ HUMAN/ MALE/ MIDDLE AGE/ PHOTOGRAPHY

2815. **Gravelin C, Bastide J, Bastide F:** Activité chymotrypsique rénale et plasmatique chez le rat après intoxication expérimentale au nitrate d'uranyle. C R Soc Biol (Paris) 166:1307-9, 1972 (Fre)
ANIMAL EXPERIMENTS/ CHYMOTRYPSIN, blood/ *CHYMOTRYPSIN, metabolism/ HYDROLYSIS/ *KIDNEY, enzymology/ KINETICS/ MALE/ NITRATES, poisoning/ RATS/ *URANIUM, poisoning

2816. **Graves DJ, Hayakawa T, Horvitz RA, et al:** Studies on the subunit structure of trypsin-activated phosphorylase kinase. Biochemistry 12:580-5, Feb 73
*ADENOSINE TRIPHOSPHATE, pharmacodynamics/ BUFFERS/ CENTRIFUGATION, DENSITY GRADIENT/ COLD/ DRUG STABILITY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION, drug effects/ MOLECULAR WEIGHT/ MUSCLE PROTEINS, analysis/ PHOSPHORUS ISOTOPES/ *PHOSPHORYLASE KINASE, analysis/ PHOSPHORYLASE KINASE, isolation & purification/ SODIUM DODECYL SULFATE/ SUCROSE/ TRYPSIN, pharmacodynamics/ ULTRACENTRIFUGATION

2817. **Graw RG Jr, Yankee RA:** Principles of hematologic supportive care.
Med Clin North Am 57:441-61, Mar 73 (128 ref.)
ANEMIA, APLASTIC, therapy/ ANTIGENS/ BACTERIAL INFECTIONS, therapy/ BLOOD COAGULATION DISORDERS, therapy/ BLOOD DONORS/ BLOOD PLATELET DISORDERS, therapy/ BLOOD PLATELETS/ BLOOD PLATELETS, immunology/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ BLOOD TRANSFUSION, adverse effects/ BONE MARROW CELLS, transplantation/ ERYTHROCYTES/ GRAM NEGATIVE BACTERIA/ HEMORRHAGIC THROMBOCYTHEMIA, therapy/ HISTOCOMPATIBILITY TESTING/ HUMAN/ IMMUNOLOGIC DEFICIENCY SYNDROMES, therapy/ ISOANTIGENS/ LEUKEMIA, therapy/ LEUKEMIA, MYELOCYTIC, therapy/ LEUKOCYTES/ LYMPHOCYTES/ PLASMA/ REVIEW/ TRANSPLANTATION, HOMOLOGOUS

2818. **Gray CR, Bailey JS, Drew CE:** Prolonged left-heart by-pass without anticoagulation.
Br J Surg 59:914, Nov 72
ANIMAL EXPERIMENTS/ *ANTICOAGULANTS/ BLOOD PRESSURE/ CATTLE/ *EXTRACORPOREAL CIRCULATION/ HEART CATHETERIZATION/

HEART VENTRICLE/ SILICONE ELASTOMERS/ TIME FACTORS

2819. **Graybill JR, Hawiger J, Des Prez RM:** Complement and coagulation in Rocky Mountain spotted fever.
South Med J 66:410-3, Apr 73
ADULT/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *COMPLEMENT, analysis/ DEXTRAN, pharmacodynamics/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ FIBRIN, analysis/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ HEMATOCRIT/ HUMAN/ MALE/ MIDDLE AGE/ PHAGOCYTOSIS/ *ROCKY MOUNTAIN SPOTTED FEVER, complications/ ROCKY MOUNTAIN SPOTTED FEVER, drug therapy/ ROCKY MOUNTAIN SPOTTED FEVER, immunology

2820. **Greaves JH, Ayres P:** Warfarin resistance and vitamin K requirement in the rat.
Lab Anim 7:141-8, May 73
ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS/ *DRUG RESISTANCE/ FEMALE/ HOMOZYGOTE/ HYBRIDIZATION/ HYPOPROTHROMBINEMIAS, etiology/ HYPOPROTHROMBINEMIAS, veterinary/ INJECTIONS, SUBCUTANEOUS/ MALE/ NUTRITIONAL REQUIREMENTS/ *RATS, metabolism/ RODENT DISEASES, blood/ RODENT DISEASES, etiology/ VITAMIN K, administration & dosage/ *VITAMIN K, metabolism/ VITAMIN K DEFICIENCY, blood/ VITAMIN K DEFICIENCY, etiology/ VITAMIN K DEFICIENCY, veterinary/ WARFARIN, administration & dosage/ *WARFARIN, pharmacodynamics

2821. **Grechishkin LL:** Soderzhanie katekholaminov v zheludochnom soke sobak pri pishchevoĭ sekretsii i sektretsii, vyzvannoĭ gistaminom.
Biull Eksp Biol Med 73:9-11, Aug 72 (Rus)
ANIMAL EXPERIMENTS/ CATECHOLAMINES, metabolism/ DOGS/ ENGLISH ABSTRACT/ FLUOROMETRY/ *GASTRIC JUICE, secretion/ GASTRIC MUCOSA, drug effects/ *GASTRIC MUCOSA, secretion/ *HISTAMINE, pharmacodynamics/ MALE/ PEPTIDE HYDROLASES, metabolism

2822. **Greco S, Giuliano M, Govoni PL, et al:** Sopra un caso di adenocarcinoma polmonare con piastrinopenia.
Minerva Med 64:1796-9, 12 May 73 (Ita)
*ADENOCARCINOMA, complications/ ADENOCARCINOMA, diagnosis/ ADULT/ BRONCHOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LUNG NEOPLASMS, complications/ LUNG NEOPLASMS, diagnosis/ RADIOISOTOPE SCANNING/ THROMBOPENIA, diagnosis/ THROMBOPENIA, etiology

2823. **Green D:** Acute promyelocytic leukemia in a patient with hemophilia. Evidence for rapid consumption of clotting factors.
Thromb Diath Haemorrh 27:516-22, 31 Jul 72
ADULT/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BONE MARROW EXAMINATION/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FACTOR V, analysis/ *FACTOR VIII, analysis/ FACTOR VIII, metabolism/ FACTOR VIII, therapeutic use/ FIBRINOGEN, metabolism/ HALF-LIFE/ *HEMOPHILIA, complications/ HEMOPHILIA, drug therapy/ HUMAN/ *LEUKEMIA, MYELOBLASTIC, complications/ LEUKEMIA, MYELOCYTIC, blood/ MALE/ PROTHROMBIN, analysis/ THROMBOPENIA, complications

2824. **Green GM:** Lung defense mechanisms.
Med Clin North Am 57:547-62, May 73 (57 ref.)
AIR POLLUTION/ ANOXIA, physiopathology/ BRONCHITIS, complications/ ENVIRONMENTAL EXPOSURE/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, adverse effects/ LEUKOCYTES, enzymology/ *LUNG, immunology/ LUNG DISEASES, chemically induced/ *LUNG DISEASES, etiology/ LUNG DISEASES, familial & genetic/ LUNG DISEASES, physiopathology/ METABOLISM, INBORN ERRORS, complications/ OXYGEN INHALATION THERAPY, adverse effects/ PHAGOCYTOSIS/ PNEUMOCONIOSIS, physiopathology/ PULMONARY ALVEOLI, physiopathology/ PULMONARY EMPHYSEMA, enzymology/ PULMONARY EMPHYSEMA, familial & genetic/ PULMONARY SURFACTANT/ RESPIRATION/ REVIEW/ SMOKING, complications/ SURGERY, OPERATIVE, adverse effects/ TRYPSIN INHIBITORS, blood/ VIRUS DISEASES, complications

2825. **Green GM, Olds BA, Matthews G, et al:** Protein, as a regulator of pancreatic enzyme secretion in the rat.
Proc Soc Exp Biol Med 142:1162-7, Apr 73
ANIMAL EXPERIMENTS/ BILE/ *CASEIN, pharmacodynamics/ CATHETERIZATION/ CHYMOTRYPSIN, metabolism/ ENZYME ACTIVATION/ FEEDBACK/ MALE/ *PANCREAS, enzymology/ PANCREATIC JUICE/ PROTEIN HYDROLYSATES, pharmacodynamics/ RATS/ *TRYPSIN INHIBITORS, pharmacodynamics

2826. **Green RS, Weissman B:** Frontal sinus hematomas in aerospace medicine.
Aerosp Med 44:205-9, Feb 73
ADOLESCENCE/ ADULT/ ANTIBIOTICS, therapeutic use/ ATMOSPHERIC PRESSURE/ *AVIATION MEDICINE/ FEMALE/ *FRONTAL SINUS/ *HEMATOMA/ HEMATOMA, drug therapy/ HEMATOMA, etiology/ HEMATOMA, physiopathology/ HEMATOMA, surgery/ HUMAN/ INHALATION THERAPY/ MALE/ SINUSITIS, drug therapy/ SINUSITIS, etiology/ SINUSITIS, physiopathology/ SINUSITIS, surgery/ VASOCONSTRICTOR AGENTS, NASAL, therapeutic use

2827. **Greenbaum LM:** Leukocyte kininogenases and leukokinins from normal and malignant cells.
Am J Pathol 68:613-24, Sep 72 (27 ref.)
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BRADYKININ, analysis/ BRADYKININ, metabolism/ HUMAN/ KALLIKREIN, antagonists & inhibitors/ *KALLIKREIN, blood/ KALLIKREIN, metabolism/ KININS/ *KININS, metabolism/ LEUKEMIA L1210, enzymology/ *LEUKOCYTES, enzymology/ LEUKOCYTES, metabolism/ LYMPHOSARCOMA, enzymology/ MACROPHAGES, enzymology/ MACROPHAGES, metabolism/ *NEOPLASMS, enzymology/ PEPTIDE HYDROLASES/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PEPTIDES, pharmacodynamics/ REVIEW/ SARCOMA, MAST CELL, enzymology

2828. **Greenberg CS, Glick MC:** Electrophoretic study of the polypeptides from surface membranes of mammalian cells.
Biochemistry 11:3680-5, 26 Sep 72
ALCOHOLS, BUTYL/ CELL LINE/ *CELL MEMBRANE, analysis/ CELL TRANSFORMATION, NEOPLASTIC/ EDTA/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HAMSTERS/ *KIDNEY, analysis/ KIDNEY, microbiology/ *L CELLS, analysis/ MERCAPTOETHANOL/ MICE/ MOLECULAR WEIGHT/ *PEPTIDES, isolation & purification/ ROUS SARCOMA VIRUS/ SODIUM DODECYL SULFATE/ SPECTROPHOTOMETRY/ TRYPSIN/ UREA

2829. **Greenberg JH:** Aggregation in vitro of immature thrombocytes from early chick embryos.
Thromb Diath Haemorrh 28:14-23, 31 Aug 72
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CALCIUM CHLORIDE, pharmacodynamics/ CHICK EMBRYO/ MALEIMIDES, pharmacodynamics/ MICROSCOPY, PHASE CONTRAST/ *PLATELET ADHESIVENESS/ PLATELET ADHESIVENESS, drug effects/ SULFHYDRYL COMPOUNDS, antagonists & inhibitors/ THROMBIN, pharmacodynamics/ TRYPSIN, pharmacodynamics

2830. **Greenblatt J:** Regulation of the expression of the N gene of bacteriophage lambda.
Proc Natl Acad Sci USA 70:421-4, Feb 73

CELL-FREE SYSTEM/ CHROMOSOME MAPPING/ COLIPHAGES, enzymology/ *COLIPHAGES, metabolism/ ESCHERICHIA COLI/ *GENES, REGULATOR/ *GENES, STRUCTURAL/ KINETICS/ LYSOGENY/ PEPTIDE PEPTIDOHYDROLASES, analysis/ PEPTIDE PEPTIDOHYDROLASES, biosynthesis/ TEMPERATURE/ TRANSCRIPTION, GENETIC/ VIRAL PROTEINS, analysis/ *VIRAL PROTEINS, biosynthesis/ VIRAL PROTEINS, metabolism

2831. **Greene R, Hughes JM, Iliff LD, et al:** Red cell flexibility and pressure-flow relations in isolated lungs.
J Appl Physiol 34:169-75, Feb 73
ANIMAL EXPERIMENTS/ *BLOOD PRESSURE/ BLOOD VISCOSITY/ DOGS/ *ERYTHROCYTES, physiology/ HEAT/ PERFUSION/ *PULMONARY CIRCULATION/ REGIONAL BLOOD FLOW/ *VASCULAR RESISTANCE

2832. **Greenfield H:** Bio-medical engineering at the University of Utah.
Biomed Eng 8:148-53, Apr 73
ANIMAL EXPERIMENTS/ BIOCOMPATIBLE MATERIALS/ *BIOMEDICAL ENGINEERING/ BLOOD PLATELETS, analysis/ BLOOD PRESSURE/ BODY TEMPERATURE/ CARDIAC OUTPUT/ CATTLE/ CENTRAL VENOUS PRESSURE/ COSTS AND COST ANALYSIS/ DIALYSIS, instrumentation/ ELECTRONICS/ ERYTHROCYTES/ EXTRACORPOREAL CIRCULATION/ EYE, ARTIFICIAL/ HEART, ARTIFICIAL, instrumentation/ HEART ATRIUM/ HEART VENTRICLE/ HUMAN/ HYPOTENSION, etiology/ KIDNEY, ARTIFICIAL, instrumentation/ MEMBRANES, ARTIFICIAL/ MICROCIRCULATION/ PERFUSION, instrumentation/ *RESEARCH/ SHEEP/ TIME FACTORS/ UTAH

2833. **Greenhouse AH:** Transient ischemic attack: an early warning system for stroke?
Geriatrics 28:134-9, Sep 73
AGED/ ANGIOGRAPHY/ ANTICOAGULANTS, therapeutic use/ ASPIRIN, therapeutic use/ BLOOD PRESSURE/ BRAIN EDEMA, complications/ BRAIN EDEMA, diagnosis/ *CEREBRAL ISCHEMIA, TRANSIENT, diagnosis/ CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ CEREBRAL ISCHEMIA, TRANSIENT, etiology/ CEREBRAL ISCHEMIA, TRANSIENT, surgery/ CEREBROVASCULAR DISORDERS, complications/ CEREBROVASCULAR DISORDERS, drug therapy/ CEREBROVASCULAR DISORDERS, occurrence/ *CEREBROVASCULAR DISORDERS, prevention & control/ CEREBROVASCULAR DISORDERS, surgery/ DEXTRAN, therapeutic use/ ELECTROENCEPHALOGRAPHY/ HUMAN/ HYPERTENSION/ NEUROLOGIC MANIFESTATIONS/ PERFUSION/ RADIOISOTOPE SCANNING/ VASODILATOR AGENTS, therapeutic use

2834. **Greenquist AC, Wriston JC Jr:** Chemical evidence for identical subunits in L-asparaginase from Escherichia coli B.
Arch Biochem Biophys 152:280-6, Sep 72
AMIDES, analysis/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *ASPARAGINASE/ ASPARAGINASE, analysis/ CARBOXYPEPTIDASES/ CHEMISTRY/ CHROMATOGRAPHY, PAPER/ CYSTINE, analysis/ DISULFIDES, analysis/ ELECTROPHORESIS, PAPER/ *ESCHERICHIA COLI, enzymology/ FLUORINE/ HYDRAZINES/ IMINES/ KINETICS/ LEUCINE, analysis/ LEUCINE AMINOPEPTIDASE/ MACROMOLECULAR SYSTEMS/ MERCAPTOETHANOL/ NITROBENZENES/ TRYPSIN/ TYROSINE, analysis

2835. **Greenslade FC, McCormack JJ, Hirsch AF, et al:** Blockage of fertilization in Rana pipiens by trypsin inhibitors.
Biol Reprod 8:306-10, Apr 73
ANIMAL EXPERIMENTS/ FEMALE/ *FERTILIZATION, drug effects/ FROGS/ MALE/ PEPTIDE HYDROLASES/ RANA PIPIENS/ *SPERMATOZOA, enzymology/ SPERMATOZOA, metabolism/ *TRYPSIN INHIBITORS, pharmacodynamics

2836. **Greenwalt TJ, Steane EA:** Quantitative haemagglutination. 6. Relationship of sialic acid content of red cells and aggregation by Polybrene, protamine and poly-L-lysine.
Br J Haematol 25:227-37, Aug 73
ABSORPTION/ *AMINES, pharmacodynamics/ AUTOANALYSIS, instrumentation/ *ERYTHROCYTES, analysis/ *HEMAGGLUTINATION, drug effects/ HEPARIN ANTAGONISTS, pharmacodynamics/ HUMAN/ *LYSINE, pharmacodynamics/ MOLECULAR WEIGHT/ *NEURAMINIC ACIDS, analysis/ NEURAMINIDASE, pharmacodynamics/ PEPTIDES, pharmacodynamics/ PROTAMINES, antagonists & inhibitors/ *PROTAMINES, pharmacodynamics

2837. **Greep JM, Aleman PJ, Jarrett F, et al:** A combined technique for peripheral arterial embolectomy.
Arch Surg 105:869-74, Dec 72
ADULT/ AGED/ AMPUTATION/ AORTA, ABDOMINAL, surgery/ AXILLARY ARTERY, surgery/ BRACHIAL ARTERY, surgery/ CATHETERIZATION/ FEMALE/ FEMORAL ARTERY, surgery/ GANGRENE, etiology/ HEMATOMA, etiology/ HUMAN/ ILIAC ARTERY, surgery/ MALE/ METHODS/ MIDDLE AGE/ POPLITEAL ARTERY, surgery/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, etiology/ *THROMBOEMBOLISM, surgery/ THROMBOPHLEBITIS, etiology

2838. **Gregory MG, Clayton EM Jr:** Amniotic fluid embolism.
Obstet Gynecol 42:236-44, Aug 73
ADOLESCENCE/ ADULT/ BLOOD TRANSFUSION/ DELIVERY/ *EMBOLISM, AMNIOTIC FLUID/ EMBOLISM, AMNIOTIC FLUID, diagnosis/ EMBOLISM, AMNIOTIC FLUID, drug therapy/ EMBOLISM, AMNIOTIC FLUID, mortality/ EMBOLISM, AMNIOTIC FLUID, radiography/ FEMALE/ FIBRINOGEN, analysis/ FIBRINOGEN, therapeutic use/ HUMAN/ LABOR/ PREGNANCY/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, mortality/ PULMONARY EMBOLISM, radiography/ RADIOISOTOPE SCANNING/ SERUM ALBUMIN, RADIO-IODINATED

2839. **Greiling H, Kaneko M:** Die Hemmung lysosomaler Enzyme durch ein Glykosaminoglykanpolysulfat. Zur Therapie chronischer Gelenkerkrankungen mit antidegenerativ wirksamen Verbindungen; ein Beitrag zur Biochemie.
Arzneim Forsch 23:593-7, Apr 73 (Ger)
ANIMAL EXPERIMENTS/ *ARTHRITIS, drug therapy/ ARTHRITIS, physiopathology/ CARTILAGE, ARTICULAR, metabolism/ CATTLE/ CHRONIC DISEASE/ CORNEA, metabolism/ ENGLISH ABSTRACT/ GALACTOSIDASE, antagonists & inhibitors/ GLUCOSAMINIDASE, antagonists & inhibitors/ GLUCOSIDASE, antagonists & inhibitors/ GLUCURONIDASE, antagonists & inhibitors/ *GLYCOSIDE HYDROLASES, antagonists & inhibitors/ HEPARIN, pharmacodynamics/ INJECTIONS, INTRA-ARTICULAR/ *LYSOSOMES, enzymology/ MUCOPOLYSACCHARIDES, administration & dosage/ *MUCOPOLYSACCHARIDES, pharmacodynamics/ MUCOPOLYSACCHARIDES, therapeutic use/ RABBITS/ SULFATASES, antagonists & inhibitors/ SULFATES/ TIME FACTORS/ TRITIUM

2840. **Grellet J:** Les accidents de la coronarographie sélective. Résultats statistiques d'une enquête portant sur 3066 examens.
J Radiol Electrol Med Nucl 53:635-40, Aug-Sep 72 (Fre)
*ANGIOGRAPHY, adverse effects/ AXILLARY ARTERY/ *CORONARY VESSELS, radiography/ ENGLISH ABSTRACT/ FEMORAL ARTERY/ HEART ARREST, etiology/ HEART BLOCK, etiology/

HEMATOMA, etiology/ HEMORRHAGE, etiology/ HUMAN/ METHODS/ MYOCARDIAL INFARCT, etiology/ SEPTICEMIA, etiology/ TACHYCARDIA, etiology/ THROMBOSIS, etiology/ VENTRICULAR FIBRILLATION, etiology

2841. **Gremillion L, Bell L, Lopez A:** Speeded simultaneous turbidimetry of cholesterol in - and pre- -lipoproteins.
Clin Chem 18:1440-1, Nov 72
AUTOANALYSIS/ CALCIUM/ CHEMISTRY, CLINICAL, instrumentation/ DENSITOMETRY/ HEPARIN/ *LIPOPROTEINS, analysis/ LIPOPROTEINS, LDL, analysis/ LIPOPROTEINS, VLDL, analysis/ METHODS

2842. **Gremmel H, Quäck J:** Zum Problem der Synchronisation von Tumorzellen bei kombinierter Zytostatika- und Strahlenbehandlung.
Strahlentherapie 144:35-9, Jul 72 (Ger)
ANTINEOPLASTIC AGENTS, adverse effects/ ANTINEOPLASTIC AGENTS, therapeutic use/ AUTORADIOGRAPHY/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ CARBON ISOTOPES/ *CELL DIVISION/ ENGLISH ABSTRACT/ HUMAN/ LEUKOCYTES/ NEOPLASMS, drug therapy/ NEOPLASMS, radiotherapy/ *NEOPLASMS, therapy/ PALLIATIVE TREATMENT/ RADIOTHERAPY, adverse effects/ THYMIDINE/ TIME FACTORS/ TRITIUM

2843. **Gresham GA:** Atherosclerosis in man: natural history and effects.
Proc Nutr Soc 31:303-5, Dec 72
ANEURYSM, etiology/ ANIMAL EXPERIMENTS/ AORTA, ABDOMINAL/ AORTIC DISEASES/ *ARTERIOSCLEROSIS/ ARTERIOSCLEROSIS, complications/ ARTERIOSCLEROSIS, etiology/ BIRDS/ CEREBROVASCULAR DISORDERS/ CORONARY DISEASE, etiology/ FATTY STREAK, ARTERIAL/ FATTY STREAK, ARTERIAL, pathology/ HISTOCYTOCHEMISTRY/ HUMAN/ PRIMATES/ SPECIES SPECIFICITY/ SWINE/ THROMBOSIS, etiology

2844. **Grey SM, Nurse GR, Visser L:** Implications of the chemical modification of chymotrypsin.
Biochem Biophys Res Commun 52:687-95, 15 May 73
ACETAMIDES/ ALKYLATION/ AMINO ACIDS, analysis/ BUTANONES/ CATALYSIS/ CATTLE/ CHEMISTRY/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, analysis/ CHYMOTRYPSIN, antagonists & inhibitors/ CIRCULAR DICHROISM/ GLUTAMATES/ HISTIDINE/ HYDROGEN-ION CONCENTRATION/ IODOACETATES/ MERCAPTOETHANOL/ NITROBENZENES/ PANCREATOPEPTIDASE, antagonists & inhibitors/ PEPTIDES, analysis/ ULTRAVIOLET RAYS

2845. **Griepp RB, Dong E Jr, Stinson EB, et al:** Advances in human heart transplantation.
Transplant Proc 5:835-9, Mar 73
ADULT/ AGE FACTORS/ ANTILYMPHOCYTE SERUM, therapeutic use/ DIET, ATHEROGENIC/ GRAFT REJECTION/ *HEART, transplantation/ HEART CONDUCTION SYSTEM/ HISTOCOMPATIBILITY TESTING/ HUMAN/ MIDDLE AGE/ THYMUS GLAND, cytology/ VALSALVA'S MANEUVER/ VASCULAR RESISTANCE/ WARFARIN, therapeutic use

2846. **Griffin EE, Miller LL:** Effects of hypothyroidism, hyperthyroidism, and thyroxine on net synthesis of plasma proteins by the isolated perfused rat liver. Modulation of the response to insulin plus cortisol in the net synthesis of albumin, fibrinogen, 1-acid glycorprotein, 2-(acute phase) globulin, and haptoglobin.
J Biol Chem 248:4716-23, 10 Jul 73
ALPHA GLOBULIN, biosynthesis/ ANIMAL EXPERIMENTS/ *BLOOD PROTEINS, biosynthesis/ CARBON ISOTOPES/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FIBRINOGEN, biosynthesis/ GLYCOPROTEINS, biosynthesis/ HAPTOGLOBINS, biosynthesis/ *HYDROCORTISONE, pharmacodynamics/ *HYPERTHYROIDISM, metabolism/ HYPOTHYROIDISM, chemically induced/ *HYPOTHYROIDISM, metabolism/ *INSULIN, pharmacodynamics/ LIVER, drug effects/ *LIVER, metabolism/ MALE/ METHIMAZOLE/ PERFUSION/ RATS/ SERUM ALBUMIN, biosynthesis/ THYROID GLAND, physiology/ THYROIDECTOMY/ THYROXINE/ THYROXINE, administration & dosage

2847. **Griffith A, Catsimpoolas N, Kenney J:** Analytical gel isotachophoresis of proteins with carrier ampholyte spacers.
Ann NY Acad Sci 209:457-69, 15 Jun 73
BUFFERS/ ELECTROPHORESIS, instrumentation/ GELS/ *HEMOGLOBIN, isolation & purification/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *LACTOGLOBULINS, isolation & purification/ METHODS/ OSMOLAR CONCENTRATION/ SOY BEANS/ TIME FACTORS/ *TRYPSIN INHIBITORS, isolation & purification

2848. **Griffiths AE, Brecher AS:** Protection afforded to trypsin and trypsinogen by calcium ion from inactivation by chlorambucil.
Proc Soc Exp Biol Med 142:1045-7, Mar 73
*CALCIUM, pharmacodynamics/ *CHLORAMBUCIL, antagonists & inhibitors/ CHLORAMBUCIL, pharmacodynamics/ ENZYME ACTIVATION, drug effects/ *TRYPSIN INHIBITORS, antagonists & inhibitors/ *TRYPSINOGEN, antagonists & inhibitors

2849. **Griffiths EC, Hooper KC:** Peptidase activity in the hypothalami of rats treated neonatally with oestrogen.
Acta Endocrinol (Kbh) 72:9-17, Jan 73
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ DEPRESSION, CHEMICAL/ *ESTRADIOL, pharmacodynamics/ FEMALE/ HYPOTHALAMUS, drug effects/ *HYPOTHALAMUS, enzymology/ LH, secretion/ MALE/ OVARY, drug effects/ *PEPTIDE HYDROLASES, metabolism/ RATS/ STIMULATION, CHEMICAL/ VAGINAL SMEARS

2850. **Griffiths EC, Hooper KC:** The effects of orchidectomy and testosterone propionate injection on peptidase activity in the male rat hypothalamus.
Acta Endocrinol (Kbh) 72:1-8, Jan 73
ANIMAL EXPERIMENTS/ *CASTRATION/ DEPRESSION, CHEMICAL/ HYPOTHALAMUS, drug effects/ *HYPOTHALAMUS, enzymology/ HYPOTHALAMUS, metabolism/ MALE/ OXYTOCIN, metabolism/ *PEPTIDE HYDROLASES, metabolism/ RATS/ STIMULATION, CHEMICAL/ TESTOSTERONE, pharmacodynamics

2851. **Griffiths IR:** The extensive myelopathy of intervertebral disc protrusions in dogs ('the ascending syndrome').
J Small Anim Pract 13:425-38, Aug 72
ANIMAL EXPERIMENTS/ *DOG DISEASES, pathology/ DOGS/ FIBRIN/ INTERVERTEBRAL DISK DISPLACEMENT, pathology/ *INTERVERTEBRAL DISK DISPLACEMENT, veterinary/ ISCHEMIA/ NECROSIS/ *SPINAL CORD, pathology/ SYNDROME

2852. **Grigerian EG:** Sravnitelnoe izuchenie aktivnosti fermentov podzheludochnoĭ zhelezy v syvorotke krovi i duodenal'nom soderzhimom u bol'nykh iazvennoĭ bolezniiu lechivshikhsia na kurorte, Dzhermuk.
Ter Arkh 44:24-6, Oct 72 (Rus)
AMYLASE, blood/ AMYLASE, metabolism/ ARMENIA/ *DUODENUM, enzymology/ ENGLISH ABSTRACT/ HEALTH RESORTS/ HUMAN/ INTESTINAL SECRETIONS, enzymology/ LIPASE, blood/ LIPASE, metabolism/ PANCREAS, enzymology/ PANCREATIC JUICE, enzymology/ *PEPTIC ULCER, enzymology/ PEPTIC ULCER, metabolism/ TRYPSIN, blood/ TRYPSIN, metabolism/ TRYPSIN INHIBITORS

2853. **Grigorchik IuF:** Lechenie gnoĭnykh ran cheliustno-litsevoĭ oblasti u liudei pozhilogo i starcheskogo vozrasta.
Stomatologiia (Mosk) 51:81-2, May-Jun 72 (Rus)

ANTIBIOTICS, therapeutic use/ CASEIN, therapeutic use/ ENGLISH ABSTRACT/ *GERIATRIC DENTISTRY/ *JAW DISEASES, drug therapy/ *MOUTH DISEASES, drug therapy/ PEPTIDE HYDROLASES, therapeutic use/ *PHLEGMON, drug therapy

2854. **Grigorian AV, Oganesian SS:** Lechenie gnoĭnykh zaolevaniĭ pri sakharnom diabete.
Khirurgiia (Mosk) 48:87-92, Sep 72 (Rus)
*DIABETES MELLITUS, complications/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PEPTIDE HYDROLASES, therapeutic use/ *SUPPURATION, complications/ SUPPURATION, surgery/ SUPPURATION, therapy

2855. **Grigorian DT, Konovalov SA:** Nekotorye fiziologo-biokhimicheskie osobennosti mutanta Aspergillus fumaricus 128-2, produtsenta kislotnoĭ proteinazy.
Prikl Biokhim Mikrobiol 9:37-40, Jan-Feb 73 (Rus)
ASPERGILLUS, enzymology/ *ASPERGILLUS, growth & development/ ASPERGILLUS, metabolism/ ENGLISH ABSTRACT/ GLUCOSE, metabolism/ MUTATION/ NITROGEN, metabolism/ *PEPTIDE HYDROLASES, biosynthesis/ PHOSPHATES, metabolism

2856. **Grigorian GL, Korkhmazian MM, Rozantsev EG:** O vliianii temperatury na spektry EPR iminoksil'nogo radikala, vvedennogo v aktivnyĭ tsentr alpha-khimotripsina.
Biofizika 17:692-3, Jul-Aug 72 (Rus)
*CHYMOTRYPSIN/ *ELECTRON SPIN RESONANCE/ ENGLISH ABSTRACT/ *OXIMES/ *TEMPERATURE

2857. **Grigorian SS:** K voprosu o vliianii nekotorykh ingredientov konserviruiushchikh rastivorov i stepnei razcedeniia krovi na ee koaguliatsionnye svoistva. Zh Eksp Klin Med 12:101-2, 1972 (Rus)
*BLOOD COAGULATION FACTORS/ *BLOOD PRESERVATION/ CITRATES/ HUMAN/ SODIUM

2858. **Grivorov Iv, Angelov T, Perets V:** Prouchvane vurkhu usloviiata za povishavane fibrinolitcihnata aktivnost ot Aspergillus sp. shtam 101 pri dulboko kultivirane.
Izv Mikrobiol Inst (Sofiia) 23:55-9, 1972 (Bul)
AIR/ *ASPERGILLUS, enzymology/ CULTURE MEDIA/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ *FIBRINOLYTIC AGENTS, biosynthesis/ METHODS

2859. **Grigorova M, Bajljosov D:** Untersuchungen von bovinen Staphylokokken verschiedenen geographischen Ursprungs.
Zentralbl Bakteriol [Orig A] 219:151-5, Feb 72 (Ger)
BACTERIOPHAGE TYPING/ BULGARIA/ CATTLE/ COAGULASE/ CUBA/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ GENTIAN VIOLET/ HEMOLYSIS/ HUMAN/ MASTITIS, BOVINE, microbiology/ PLASMA/ STAPHYLOCOCCAL PHAGES/ STAPHYLOCOCCUS, analysis/ *STAPHYLOCOCCUS, classification/ UDDER, microbiology

2860. **Grigorovich KA:** Ob oshibkakh i neudachakh v khirurgii nervov.
Vestn Khir 108:102-9, Sep 72 (Rus)
BLOOD VESSELS, injuries/ CICATRIX/ DIAGNOSTIC ERRORS/ EDEMA/ ELECTROMYOGRAPHY/ ENGLISH ABSTRACT/ FRACTURES, complications/ HEMATOMA/ HUMAN/ MEDIAN NERVE, injuries/ PERIPHERAL NERVES, injuries/ *PERIPHERAL NERVES, surgery/ POSTOPERATIVE COMPLICATIONS/ SUTURE TECHNICS/ TIME FACTORS/ ULNAR NERVE, injuries/ WOUNDS AND INJURIES, diagnosis/ WOUNDS AND INJURIES, surgery

2861. **Griguer P:** L'augmentation de l'agrégation plaquettaire. Effet inattendu de la thérapeutique fibrinolytique.
Ann Cardiol Angeiol (Paris) 22:223-30, May-Jun 73 (Fre)
BLOOD COAGULATION TESTS/ *BLOOD PLATELETS, drug effects/ *FIBRINOLYTIC AGENTS, adverse effects/ HUMAN/ IN VITRO/ *PLATELET ADHESIVENESS, drug effects

2862. **Grimaldi MG, Bergonzi M:** Valutazione radioisotopica con Tc 99m-dell'azione antiflogistica di una antiproteasi nelle artriti da immunocomplessi e da micro-cristalli. Minerva Med 64:2418-22, 20 Jun 73 (Ita)
*ANTI-INFLAMMATORY AGENTS, therapeutic use/ ARTHRITIS, RHEUMATOID, diagnosis/ *ARTHRITIS, RHEUMATOID, drug therapy/ ARTHRITIS, RHEUMATOID, immunology/ CLINICAL RESEARCH/ EVALUATION STUDIES/ GOUT, diagnosis/ *GOUT, drug therapy/ GOUT, immunology/ HUMAN/ IMMUNE COMPLEX DISEASE/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ *RADIOISOTOPE SCANNING/ TECHNETIUM, diagnostic use

2863. **Grinblat AI:** Vliianie plevral'nykh srashchenii na osobennosti i chastotu oslozhnenii vo vremia operatsii na legkikh.
Eksp Khir Anesteziol 17:25-8, Jul-Aug 72 (Rus)
ADHESIONS/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ HUMAN/ METHODS/ *PLEURAL DISEASES/ *PNEUMONECTOMY/ *POSTOPERATIVE COMPLICATIONS/ *TUBERCULOSIS, PULMONARY, surgery

2864. **Grinenko AG:** Zv'iazena z membranamy i rozchynna formy protamin-rozshchepliuiuchoi systemy nervovoi tkanyny.
Ukr Biokhim Zh 45:36-41, 1973 (Ukr)
ANIMAL EXPERIMENTS/ *BRAIN, enzymology/ BRAIN CHEMISTRY/ DEOXYCHOLIC ACID, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ *HYDROLASES, metabolism/ MALE/ MEMBRANES/ *PEPTIDE HYDROLASES, metabolism/ *PROTAMINES, metabolism/ PROTEIN BINDING/ PROTEINS, analysis/ RABBITS/ SODIUM DODECYL SULFATE, pharmacodynamics/ SURFACE-ACTIVE AGENTS, pharmacodynamics/ ULTRASONICS

2865. **Grinenko OG, Bélik IaV:** Peptid-gidrolazna aktivnist' subkliitinnykh i suborganoidnykh fraktsiĭ tkanini golovnogo mozku kroliv.
Ukr Biokhim Zh 44:686-91, 1972 (Ukr)
ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY/ CELL NUCLEUS, enzymology/ ENGLISH ABSTRACT/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, enzymology/ MYELIN SHEATH, enzymology/ *PEPTIDE HYDROLASES, metabolism/ RABBITS/ RIBOSOMES, enzymology

2866. **Grinev MV, Gurin NN, Ozerov VF:** Ob osteomielitakh pri zakrytykh i otkrytykh perelomakh kosteĭ.
Vestn Khir 108:72-7, Oct 72 (Rus)
ADOLESCENCE/ ADULT/ AGED/ ANKLE, injuries/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ FEMORAL FRACTURES, complications/ FOLLOW-UP STUDIES/ FOOT, injuries/ FOREARM INJURIES, complications/ FRACTURE FIXATION, INTERNAL/ FRACTURE FIXATION, INTRAMEDULLARY/ *FRACTURES, complications/ FRACTURES, surgery/ FRACTURES, CLOSED, complications/ FRACTURES, OPEN, complications/ HEMATOMA/ HUMAN/ HUMERAL FRACTURES, complications/ LEG INJURIES, complications/ MALE/ METHODS/ MIDDLE AGE/ NECROSIS/ *OSTEOMYELITIS, etiology/ OSTEOMYELITIS, surgery/ PHLEGMON/ POSTOPERATIVE COMPLICATIONS/ POSTOPERATIVE COMPLICATIONS, surgery/ SUPPURATION/ SURGICAL WOUND INFECTION, surgery

2867. **Grinnell F, Milam M, Srere PA:** Studies on cell adhesion. 3. Adhesion of baby hamster kidney cells.
J Cell Biol 56:659-65, Mar 73
*CELL ADHESION/ CELL ADHESION, drug effects/ *CELL LINE/ CYCLOHEXIMIDE, pharmacodynamics/ DITHIOTHREITOL, pharmacodynamics/ ETHYLMALEIMIDE, pharmacodynamics/ HAMSTERS/ KIDNEY/

POLYSTYRENES/ SULFHYDRYL REAGENTS, pharmacodynamics/ TRYPSIN, pharmacodynamics

2868. Grishkevich EV, Danilov MV, Vishnevskii VA, et al: Gastro-duodenal'nye krovotecheniia posle operatsii na pecheni, zhelchynkh putiakh i podzheludochnoi zheleze.
Klin Med (Mosk) 51:74-80, Feb 73 (Rus)
ADULT/ AGED/ BILIARY TRACT, surgery/ BLOOD COAGULATION DISORDERS, complications/ DUODENAL DISEASES, surgery/ ENGLISH ABSTRACT/ *GASTROINTESTINAL SYSTEM, surgery/ *HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ *LIVER, surgery/ MALE/ MIDDLE AGE/ PANCREAS, surgery/ POSTOPERATIVE COMPLICATIONS

2869. Grist NR: A survey of hepatitis in laboratories.
J Clin Pathol 26:388, May 73
AUSTRALIA ANTIGEN/ DRUG ADDICTION/ HEMODIALYSIS/ HEMOPHILIA/ *HEPATITIS, occurrence/ HEPATITIS, HOMOLOGOUS SERUM, occurrence/ HEPATITIS, INFECTIOUS, occurrence/ HUMAN/ *LABORATORY INFECTION, occurrence/ TRANSPLANTATION

2870. Griswold WR, Simon G, McIntosh RM: Anaphylactoid purpura, cold exposure, and cryofibrinogenemia.
Ann Intern Med 78:611, Apr 73
BLOOD COAGULATION DISORDERS, complications/ *BLOOD COAGULATION DISORDERS, etiology/ CASE REPORT/ CHILD, PRESCHOOL/ *COLD, adverse effects/ ENVIRONMENTAL EXPOSURE/ FIBRINOGEN/ HUMAN/ MALE/ *PURPURA, etiology

2871. Grivaux M, Alexandre JH, Soulie J, et al: Les ulcères aigues gastroduodénaux en réanination médicale.
Ann Med Interne (Paris) 123:403-8, Apr 72 (Fre)
ADULT/ AGED/ ANTICOAGULANTS, adverse effects/ ASCORBIC ACID, therapeutic use/ ATROPINE, therapeutic use/ AUTOPSY/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FEMALE/ GLUCOCORTICOIDS, adverse effects/ HUMAN/ IATROGENIC DISEASE/ MALE/ MIDDLE AGE/ PEPTIC ULCER, etiology/ PEPTIC ULCER, pathology/ *PEPTIC ULCER, therapy/ PEPTIC ULCER HEMORRHAGE, etiology/ PEPTIC ULCER HEMORRHAGE, surgery/ *PEPTIC ULCER HEMORRHAGE, therapy/ RESERPINE, adverse effects/ RESPIRATION, ARTIFICIAL/ RESUSCITATION

2872. Grode ML: Hemangiopericytoma of central nervous system.
NY State J Med 72:2557-60, 15 Oct 72
ADULT/ AGED/ BRAIN NEOPLASMS, pathology/ *BRAIN NEOPLASMS, surgery/ FEMALE/ HEMANGIOPERICYTOMA, pathology/ *HEMANGIOPERICYTOMA, surgery/ HUMAN/ MALE/ MIDDLE AGE/ SPINAL NEOPLASMS, pathology/ *SPINAL NEOPLASMS, surgery

2873. Groh P: "Blutergelenk" am Knie bei Morbus Klippel-Trenaunay.
Arch Orthop Unfallchir 76:9-13, 1973 (Ger)
*ANGIOMATOSIS, complications/ *BONE DISEASES, complications/ CHILD/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HEMARTHROSIS, complications/ HEMARTHROSIS, surgery/ HUMAN/ *KNEE JOINT/ MALE/ OSTEOARTHRITIS, etiology/ SYNOVIAL MEMBRANE, surgery/ SYNOVITIS, complications

2874. Groll M, Day J: Cavernous hemangioma and chronic intravascular coagulation in a gynaecological patient.
J Obstet Gynaecol Br Commonw 79:725-7, Aug 72
ADULT/ BLOOD TRANSFUSION/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ ECCHYMOSIS, etiology/ EPISTAXIS, etiology/ FEMALE/ FIBRINOGEN/ *HEMANGIOMA, CAVERNOUS, complications/ HUMAN/ MENORRHAGIA, complications/ POSTOPERATIVE COMPLICATIONS

2875. Groot K de: Bereiding en houdbaarheid van de matrix.
Ned Tijdschr Tandheelkd 80:160-3, May 73 (Dut)
*BONE DEVELOPMENT/ DENTIN, enzymology/ *DENTIN, physiology/ ENGLISH ABSTRACT/ HUMAN/ PEPTIDE HYDROLASES, metabolism/ PROTEINS, metabolism

2876. Grootegoed JA, Lauwers AM, Heinen W: Separation and partial purification of extracellular amylase and protease from Bacillus caldolyticus.
Arch Mikrobiol 90:223-32, 1973
AMMONIUM SULFATE/ *AMYLASE, isolation & purification/ AMYLASE, metabolism/ *BACILLUS, metabolism/ CALCIUM, pharmacodynamics/ KINETICS/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, isolation & purification/ STIMULATION, CHEMICAL/ TEMPERATURE/ ULTRAFILTRATION

2877. Grosfeld JL, Berman IR, Schiller M, et al: Excessive morbidity resulting from the prevention of intestinal adhesions with steroids and antihistamines.
J Pediatr Surg 8:221-6, Apr 73
ADHESIONS, mortality/ ADHESIONS, occurrence/ ADHESIONS, prevention & control/ ANIMAL EXPERIMENTS/ *DEXAMETHASONE, adverse effects/ DEXAMETHASONE, therapeutic use/ INTESTINAL DISEASES, mortality/ INTESTINAL DISEASES, occurrence/ *INTESTINAL DISEASES, prevention & control/ MALE/ PENICILLIN, therapeutic use/ PERITONITIS, etiology/ PNEUMONIA, etiology/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *PROMETHAZINE, adverse effects/ PROMETHAZINE, therapeutic use/ RATS/ SURGICAL WOUND INFECTION, etiology

2878. Grosjean O, Noirclerc M, Duvinage JF, et al: Mise au point d'un procédé simple de conservation du poumon assurant une reprise immédiate de fonction après vingt-quatre heures d'ischémie.
Acta Chir Belg 71:321-33, Oct 72 (Fre)
AIR/ ANIMAL EXPERIMENTS/ BLOOD VESSELS/ COLD/ DOGS/ ENGLISH ABSTRACT/ HEPARIN/ ISCHEMIA/ LUNG, blood supply/ *LUNG, transplantation/ METHODS/ NITROUS OXIDE/ OXYGEN/ PARTIAL PRESSURE/ TIME FACTORS/ *TISSUE PRESERVATION/ TRANSPLANTATION, HOMOLOGOUS

2879. Grosky BM: Simplified procedure for monitoring heparin therapy.
Am J Med Technol 39:1-8, Jan 73
ADULT/ AGED/ *BLOOD COAGULATION TESTS/ CITRATES, blood/ CLOT RETRACTION/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ *MONITORING SYSTEMS/ OXALATES, blood/ TIME FACTORS

2880. Gross E, Klitz HH: The number and nature of , -unsaturated amino acids in subtilin.
Biochem Biophys Res Commun 50:559-65, 23 Jan 73
*AMINO ACIDS, analysis/ AMMONIA, analysis/ *BACILLUS SUBTILIS, analysis/ BENZYL COMPOUNDS/ BUFFERS/ CHEMISTRY/ CHROMATOGRAPHY/ CYSTEINE/ HYDROCHLORIC ACID/ HYDROLYSIS/ *PEPTIDES, analysis/ PEPTIDES, isolation & purification/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SULFHYDRYL COMPOUNDS/ TRYPSIN

2881. Gross GP, Hathaway WE, McGaughey HR: Hyperviscosity in the neonate.
J Pediatr 82:1004-12, Jun 73
BLOOD/ BLOOD TRANSFUSION/ *BLOOD VISCOSITY/ CYANOSIS, blood/ ELECTROENCEPHALOGRAPHY/ ERYTHROCYTES/ ERYTHROCYTES, ABNORMAL/ FEMALE/ HEMATOCRIT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYPERBILIRUBINEMIA, blood/ INFANT,

NEWBORN/ *INFANT, NEWBORN, DISEASES, blood/ MALE/ *POLYCYTHEMIA, blood/ SYNDROME/ UMBILICAL CORD

2882. **Gross J, Hartwig A, Botscharowa L, et al:** Dextran als Medium für die Dichtegradiententrennung von roten Blutzellen.
Acta Biol Med Ger 29:765-75, 1972 (Ger)
ANIMAL EXPERIMENTS/ BLOOD VISCOSITY/ *CENTRIFUGATION, DENSITY GRADIENT/ DENSITOMETRY/ *DEXTRAN/ ENGLISH ABSTRACT/ ERYTHROCYTE AGING/ *ERYTHROCYTES, analysis/ HUMAN/ HYDROGEN-ION CONCENTRATION/ OSMOLAR CONCENTRATION/ RABBITS

2883. **Gross K, Ruderman J, Jacobs-Lorena M, et al:** Cell-free synthesis of histones directed by messenger RNA from sea urchin embryos.
Nature [New Biol] 241:272-4, 28 Feb 73
AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CELL-FREE SYSTEM/ CENTRIFUGATION, DENSITY GRADIENT/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ EMBRYO/ HISTONES, analysis/ *HISTONES, biosynthesis/ HISTONES, metabolism/ PEPTIDES, analysis/ PHENYLALANINE, metabolism/ RNA, MESSENGER, isolation & purification/ *RNA, MESSENGER, metabolism/ SEA URCHINS, analysis/ *SEA URCHINS, metabolism/ TRANSLATION, GENETIC/ TRITIUM/ TRYPSIN, metabolism/ TRYPTOPHAN, metabolism/ TYROSINE, metabolism

2884. **Gross-Bellard M, Oudet P, Chambon P:** Isolation of high-molecular-weight DNA from mammalian cells.
Eur J Biochem 36:32-8, 2 Jul 73
CELL FRACTIONATION/ CELL LINE/ CENTRIFUGATION, DENSITY GRADIENT/ *DNA, isolation & purification/ DNA, SINGLE STRANDED/ EDTA/ KIDNEY/ MACACA/ METHODS/ MICROSCOPY, ELECTRON/ MOLECULAR WEIGHT/ MONKEYS/ NUCLEOTIDYLTRANSFERASES/ PEPTIDE HYDROLASES/ RIBONUCLEASE/ RNA/ SODIUM DODECYL SULFATE/ SPECTROPHOTOMETRY, ULTRAVIOLET

2885. **Grossberg SE, Burleson G, Morahan P, et al:** A bacterial protein inducing antiviral resistance and high titers of interferon. Prog Immunobiol Stand 5:274-8, 1972
ANIMAL EXPERIMENTS/ BACTERIAL PROTEINS, administration & dosage/ *BACTERIAL PROTEINS, pharmacodynamics/ CHICK EMBRYO/ *ESCHERICHIA COLI, analysis/ INFLUENZA VIRUSES/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, INTRAVENOUS/ INTERFERON INDUCERS, administration & dosage/ *INTERFERON INDUCERS, pharmacodynamics/ MICE/ NEWCASTLE DISEASE VIRUS/ PEPTIDE HYDROLASES/ VACCINIA VIRUS/ VESICULAR STOMATITIS VIRUS

2886. **Grosse M:** Physikalisch therapeutische Techniken.
Arch Dermatol Forsch 244:161-5, 1972 (Ger)
BATHS/ *COSMETICS/ ECZEMA, therapy/ FAVRE-RACOUCHOT SYNDROME, therapy/ FOREIGN BODIES, therapy/ HEMANGIOMA, therapy/ HUMAN/ ICHTHYOSIS, therapy/ MALE/ METHODS/ MOLLUSCUM CONTAGIOSUM, therapy/ NEVUS, PIGMENTED, therapy/ *PHYSICAL THERAPY/ *SKIN DISEASES, therapy/ SKIN NEOPLASMS, therapy/ TINEA UNGUIUM, therapy/ VITILIGO, therapy

2887. **Grosser BI, Stevens W, Reed DJ:** Properties of corticosterone-binding macromolecules from rat brain cytosol. Brain Res 57:387-95, 27 Jul 73
ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ BINDING, COMPETITIVE/ BINDING SITES/ BRAIN, drug effects/ *BRAIN, metabolism/ CENTRIFUGATION/ *CORTICOSTERONE, metabolism/ *CYTOSOL, metabolism/ DEXAMETHASONE, metabolism/ ELECTROPHORESIS/ GEL FILTRATION/ HIPPOCAMPUS, metabolism/ LIPASE, pharmacodynamics/ *MACROMOLECULAR SYSTEMS/ MALE/ NERVE TISSUE PROTEINS, metabolism/ NEURAMINIDASE, pharmacodynamics/ NUCLEOTIDYLTRANSFERASES, pharmacodynamics/ PEPTIDE HYDROLASES, pharmacodynamics/ PROTEIN BINDING/ RATS/ *RECEPTORS, HORMONE/ TRANSCORTIN, metabolism/ TRITIUM

2888. **Grossman AR:** Sutilains ointment as a topical debriding agent in burns. Int Surg 58:93-6, Feb 73
ADULT/ BACILLUS SUBTILIS, enzymology/ *BURNS, drug therapy/ *DEBRIDEMENT/ HUMAN/ MALE/ MIDDLE AGE/ OINTMENTS/ *PEPTIDE HYDROLASES, administration & dosage/ PEPTIDE HYDROLASES, therapeutic use

2889. **Grove AS Jr, Kotner LM Jr:** Radionuclide arteriography in ophthalmology. Arch Ophthalmol 89:13-7, Jan 73
ADULT/ ARTERIES/ ARTERIOVENOUS FISTULA, diagnosis/ ARTERIOVENOUS FISTULA, etiology/ ARTERIOVENOUS MALFORMATIONS, diagnosis/ CAROTID ARTERY DISEASES, diagnosis/ CAROTID ARTERY DISEASES, etiology/ CAVERNOUS SINUS/ CHILD, PRESCHOOL/ FEMALE/ FRACTURES, diagnosis/ HEMANGIOMA, CAVERNOUS, diagnosis/ HUMAN/ MALE/ MENINGIOMA, diagnosis/ MIDDLE AGE/ *ORBIT/ ORBIT, blood supply/ ORBIT, injuries/ ORBITAL NEOPLASMS, diagnosis/ *RADIOISOTOPE SCANNING/ TECHNETIUM

2890. **Grove AS Jr, Kotner LM Jr:** Orbital scanning with multiple radionuclides.
Arch Ophthalmol 89:301-5, Apr 73
ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ CHLORMERODRIN, diagnostic use/ EXOPHTHALMOS, diagnosis/ FEMALE/ HEMANGIOMA, CAVERNOUS, diagnosis/ HUMAN/ MALE/ MENINGIOMA, diagnosis/ MERCURY ISOTOPES, diagnostic use/ MIDDLE AGE/ NEUROFIBROMATOSIS, diagnosis/ *ORBIT, abnormalities/ *ORBITAL NEOPLASMS, diagnosis/ RADIOISOTOPE SCANNING/ TECHNETIUM, diagnostic use

2891. **Grove CS, Trombetta GC, Amstey MS:** Fetal complications of amniocentesis.
Am J Obstet Gynecol 115:1154, 15 Apr 73
ADULT/ *AMNIOCENTESIS, adverse effects/ FEMALE/ *FETAL DISEASES, etiology/ HEMATOMA, etiology/ HUMAN/ INFANT, NEWBORN/ PNEUMOTHORAX, etiology/ PREGNANCY/ UMBILICAL CORD

2892. **Grove-Rasmussen M, Huggins CE:** Selected types of frozen blood for patients with multiple blood group antibodies. Transfusion 13:124-9, May-Jun 73
ABO FACTORS/ ANTI-ANTIBODIES/ *ANTIBODIES/ ANTIGEN-ANTIBODY REACTIONS/ BLOOD BANKS/ BLOOD DONORS/ BLOOD GROUP INCOMPATIBILITY, immunology/ *BLOOD GROUPS/ BLOOD PRESERVATION/ BLOOD TRANSFUSION/ ERYTHROCYTES, immunology/ FREEZING/ HUMAN/ ISOANTIGENS/ LEWIS BLOOD-GROUP SYSTEM/ RH FACTORS/ UNITED STATES

2893. **Grover FL, Kahn RS, Heron MW, et al:** A nonionic surfactant and blood viscosity. Experimental observations. Arch Surg 106:307-10, Mar 73
ANIMAL EXPERIMENTS/ *BLOOD VISCOSITY, drug effects/ DOGS/ *EXTRACORPOREAL CIRCULATION/ HEMATOCRIT/ HEPARIN, pharmacodynamics/ *SURFACE-ACTIVE AGENTS, pharmacodynamics

2894. **Grözinger KH, Volkwein A, Böhler R:** Zur digestiven Leistung von Enzymerstzpräparaten.
Arzneim Forsch 22:1152-7, Jul 72 (Ger)
AMYLASE/ CATTLE/ CHEMISTRY/ *DIGESTANTS/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FATS/ GLYCERIDES/ GLYCOSIDE HYDROLASES/ HEMOGLOBIN/ LIPASE/ PEPTIDE HYDROLASES/ SERUM ALBUMIN,

BOVINE/ SOLUBILITY/ STARCH/ TABLETS/ TABLETS, ENTERIC-COATED/ TIME FACTORS

2895. **Grubb R, Nilsson IM, Nordenfelt E:** Anti-human-Ig genetic Ig markers and anti-Au in patients with haemophilia.
Acta Pathol Microbiol Scand [B] 80:934-5, 1972
ABO FACTORS/ ANTI-ANTIBODIES/ FACTOR VIII, therapeutic use/ FEMALE/ *HEMOPHILIA, immunology/ HUMAN/ IGG/ IMMUNOGLOBULINS, FC/ ISOANTIBODIES/ MALE

2896. **Grubbs CJ, Moon RC:** Transport of orally administered 9,10-dimethyl-1,2-benzanthracene in the Sprague-Dawley rat. Cancer Res 33:1785-9, Jul 73
ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ BENZANTHRACENES, administration & dosage/ *BENZANTHRACENES, metabolism/ BIOLOGICAL TRANSPORT/ CARBON ISOTOPES/ CELL FRACTIONATION/ CHROMATOGRAPHY/ CHYLOMICRONS, analysis/ FEMALE/ HEPARIN, pharmacodynamics/ INTESTINAL ABSORPTION/ *MAMMAE, metabolism/ PROTAMINES, pharmacodynamics/ RATS

2897. **Gruber UF, Rittmann WW:** Volumentherapie beim Schock.
Verh Dtsch Ges Inn Med 77:1243-9, 1971 (37 ref.) (Ger)
BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ DEXTRAN, therapeutic use/ GELATIN, therapeutic use/ HEMATOCRIT/ HUMAN/ INFUSIONS, PARENTERAL/ ISOTONIC SOLUTIONS/ OXYGEN, blood/ PLASMA SUBSTITUTES, therapeutic use/ REVIEW/ *SHOCK, CARDIOGENIC, therapy/ THROMBOEMBOLISM, prevention & control

2898. **Grubnik VM:** Differentsial'no-diagnosticheskoe znachenie zabriushinnoi novokainovoi blokady pri tupykh travmakh zhivota.
Sov Med 35:141-2, Apr 72 (Rus)
*ABDOMINAL INJURIES, diagnosis/ ADULT/ DIAGNOSIS, DIFFERENTIAL/ HEMATOMA, diagnosis/ HUMAN/ MALE/ MIDDLE AGE/ *PROCAINE, diagnostic use/ RETROPERITONEAL SPACE

2899. **Grudzitskii IA, Pasha SP:** Prigotovlenie fibrinogena v usloviiakh respublikanskoi stantsii perelivaniia krovi.
Probl Gematol Pereliv Krovi 17:59-61, Jul 72 (Rus)
*FIBRINOGEN, chem synthesis/ HEMATOLOGY, instrumentation/ METHODS

2900. **Gruenewald R, Levine S, Forbes L:** Resistance to proteolytic degradation of myelin basic protein adsorbed on resin.
Proc Soc Exp Biol Med 143:750-2, Jul 73
ADJUVANTS, IMMUNOLOGIC/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHEMISTRY/ *CHYMOTRYPSIN/ ENCEPHALITOGENIC BASIC PROTEINS/ FEMALE/ *ION EXCHANGE RESINS/ *NERVE TISSUE PROTEINS/ *PRONASE/ PROTEIN BINDING/ RATS/ SPECTROPHOTOMETRY

2901. **Grundman J:** Płytki krwi w krążeniu pozaustrojowym.
Pol Przegl Chir 45:15-21, Jan 73 (Pol)
BLOOD COAGULATION/ *BLOOD PLATELETS/ ENGLISH ABSTRACT/ *EXTRACORPOREAL CIRCULATION/ HUMAN/ PLATELET ADHESIVENESS/ PROTHROMBIN TIME

2902. **Grüner OP:** Blødningstendens hos kirurgiske pasienter.
Tidsskr Nor Laegeforen 92:1522-5, 30 Aug 72 (Nor)
ENGLISH ABSTRACT/ HEMORRHAGE, prevention & control/ *HEMORRHAGIC DIATHESIS/ HUMAN/ POSTOPERATIVE COMPLICATIONS/ *SURGERY, OPERATIVE

2903. **Grunina LF, Stepanov VA:** Aktivnost' DNK-azy stafilokokkov, vydelennykh ot ptits.
Veterinariia 8:55-6, Aug 72 (Rus)
ANIMAL EXPERIMENTS/ *CHICKENS/ COAGULASE, metabolism/ COMPARATIVE STUDY/ *DEOXYRIBONUCLEASE, metabolism/ LECITHINS, metabolism/ PHOSPHOLIPASE, metabolism/ *POULTRY DISEASES, microbiology/ *STAPHYLOCOCCAL INFECTIONS, veterinary/ STAPHYLOCOCCUS, enzymology

2904. **Grupper C, Bourgeois-Spinasse J, Eisenmann D, et al:** Pemphigoïde bénigne des muqueuses à évolution cicatricielle (maladie mucosynéchiante de Lortat-Jacob) avec manifestations cutanées.
Bull Soc Fr Dermatol Syphiligr 79:233, 1972 (Fre)
ADHESIONS/ AGED/ CASE REPORT/ CICATRIX/ *EYE DISEASES/ FEMALE/ HUMAN/ MUCOUS MEMBRANE/ *PEMPHIGUS/ SKIN MANIFESTATIONS

2905. **Grupper C, Edelson Y, Bensoussan L:** Télangiectasies essentielles généralisées acquises chez une multipare.
Bull Soc Fr Dermatol Syphiligr 79:220-1, 1972 (Fre)
ADULT/ BIRTH ORDER/ CASE REPORT/ CYCLOHEXANE, therapeutic use/ FEMALE/ HEMOSTATICS, therapeutic use/ HUMAN/ PENICILLIN, therapeutic use/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, drug therapy/ SULFONAMIDES, therapeutic use/ *TELANGIECTASIS, complications/ TELANGIECTASIS, drug therapy/ TETRACYCLINE, therapeutic use

2906. **Grushlavskiĭ GL:** Gemangioma loktevogo otrostka.
Vestn Rentgenol Radiol 47:89-90, Jul-Aug 72 (Rus)
ADULT/ *BONE NEOPLASMS, radiography/ *HEMANGIOMA, radiography/ HUMAN/ MALE/ *ULNA, radiography

2907. **Grushlavskiĭ GL:** Sluchiia travmaticheskoi vnutrilegochnoi gematomy.
Grudn Khir 14:112, Jul-Aug 72 (Rus)
ACCIDENTS, INDUSTRIAL/ ADULT/ CASE REPORT/ HEMATOMA, diagnosis/ HUMAN/ *LUNG, injuries/ MALE/ *THORACIC INJURIES, diagnosis

2908. **Grzesiuk S, Paliwoda Z, Sójka E:** Effect of regular application of herbicides on the seed crop of brewing barley, its protein content and the activity of proteases. Bull Acad Pol Sci [Biol] 21:369-73, 1973
*GRAIN/ *HERBICIDES, adverse effects/ *PEPTIDE HYDROLASES, metabolism/ *PLANT PROTEINS, metabolism/ *SEEDS, drug effects

2909. **Gualerzi C, Pon CL:** Nature of the ribosomal binding site for initiation factor 3 (IF-3).
Biochem Biophys Res Commun 52:792-9, 8 Jun 73
ACRIDINES, pharmacodynamics/ ALKYLATION/ ANTIGEN-ANTIBODY REACTIONS/ BINDING SITES/ CARBON ISOTOPES/ CATIONS, MONOVALENT/ CENTRIFUGATION, DENSITY GRADIENT/ ELECTROPHORESIS, PAPER/ ESCHERICHIA COLI, cytology/ ESCHERICHIA COLI, metabolism/ IMMUNE SERUMS/ KINETICS/ *PEPTIDE INITIATION FACTORS, metabolism/ PHENYLALANINE/ PROTEIN BINDING/ PROTEINS, analysis/ PROTEINS, biosynthesis/ RIBONUCLEASE, pharmacodynamics/ RIBOSOMES, drug effects/ *RIBOSOMES, metabolism/ RNA, MESSENGER, metabolism/ RNA, TRANSFER, metabolism/ TRYPSIN, pharmacodynamics

2910. **Gubachev IuM, Korovin KF, Rubtsova SKh, et al:** Somaticheskie izmeneniia pri nevrozakh.
Zh Nevropatol Psikhiatr 73:721-5, 1973 (Rus)
AGE FACTORS/ ARTERIOSCLEROSIS, diagnosis/ BLOOD CHEMICAL ANALYSIS/ BLOOD COAGULATION TESTS/ CATECHOLAMINES, urine/ CORONARY DISEASE, diagnosis/ DIAGNOSIS, COMPUTER ASSISTED/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ FACTOR ANALYSIS, STATISTICAL/ FEMALE/ HUMAN/ HYSTERIA, diagnosis/ MALE/ *NEUROSES, diagnosis/ NEUROSES, ANXIETY, diagnosis/

PHOBIAS, diagnosis/ *PSYCHOPHYSIOLOGIC DISORDERS, diagnosis/ SEX FACTORS

2911. **Gubergrits AIa, Revutskii BI, Nechaev EN:** Sootnoshenie mikroélementov i fermentov v soke podzheludochnoĭ zhelezy u bol'nykh pankreatitom. Vrach Delo 11:62-5, Nov 72 (Rus)
ADOLESCENCE/ ADULT/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ MIDDLE AGE/ *PANCREAS, secretion/ PANCREATIC JUICE, enzymology/ *PANCREATIC JUICE, secretion/ PANCREATITIS, drug therapy/ PANCREATITIS, enzymology/ PANCREATITIS, metabolism/ *TRACE ELEMENTS, analysis

2912. **Gue S:** Solitary vascular tumour of duodenum (haemangioendothelioma and-or haemangiopericytoma).
J R Coll Surg Edinb 18:47-51, Jan 73
ADULT/ AGED/ CHILD, PRESCHOOL/ *DUODENAL NEOPLASMS/ DUODENAL NEOPLASMS, pathology/ DUODENAL NEOPLASMS, surgery/ DUODENUM, pathology/ FEMALE/ *HEMANGIOENDOTHELIOMA/ HEMANGIOENDOTHELIOMA, pathology/ HEMANGIOENDOTHELIOMA, surgery/ *HEMANGIOPERICYTOMA/ HEMANGIOPERICYTOMA, pathology/ HEMANGIOPERICYTOMA, surgery/ HUMAN/ MALE/ MIDDLE AGE

2913. **Gue S:** Obstruction of second part of duodenum by retroperitoneal haematoma due to blunt abdominal trauma: a report of two cases. Injury 4:65-8, Aug 72
ABDOMEN, radiography/ *ABDOMINAL INJURIES, complications/ ACCIDENTS/ ADOLESCENCE/ ATHLETIC INJURIES/ BARIUM SULFATE/ CASE REPORT/ CHILD/ *DUODENAL OBSTRUCTION, etiology/ HEMATOMA, diagnosis/ *HEMATOMA, etiology/ HEMATOMA, surgery/ HEMORRHAGE, diagnosis/ HUMAN/ MALE

2914. **Guenther HL, McDonald HJ:** The reproducible isolation of inactive insulin protein complex.
Prep Biochem 2:397-402, 1972
ADIPOSE TISSUE/ ANIMAL EXPERIMENTS/ BIOTIN/ *BLOOD PROTEINS, isolation & purification/ BLOOD PROTEINS, metabolism/ BLOOD PROTEINS, pharmacodynamics/ CHROMATOGRAPHY, ION EXCHANGE/ DIAPHRAGM, drug effects/ FILTRATION/ GEL FILTRATION/ HEPARIN/ HUMAN/ IN VITRO/ *INSULIN, blood/ INSULIN, isolation & purification/ INSULIN, pharmacodynamics/ MOLECULAR WEIGHT/ *PROTEIN BINDING/ RATS

2915. **Guérin B, Soria C, Larrieu MJ, et al:** Inflammation synoviale et facteurs de la coagulation. I. Etude d'ensemble.
Pathol Biol (Paris) 20:689-94, Sep 72 (Fre)
*ARTHRITIS, pathology/ ARTHRITIS, RHEUMATOID, pathology/ BLOOD COAGULATION/ *BLOOD COAGULATION FACTORS, analysis/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ GOUT, pathology/ HUMAN/ OSTEOARTHRITIS, pathology/ *SYNOVIAL FLUID, analysis

2916. **Guérin B, Soria C, Kahn MF, et al:** Etude des facteurs de la coagulation dans les liquides synoviaux et pathologiques. Mise en évidence d'un facteur coagulant particulier dans certains liquides synoviaux de polyarthrite rheumatoïde.
Rev Rhum Mal Osteoartic 39:581-7, Oct 72 (Fre)
*ARTHRITIS, RHEUMATOID, metabolism/ *BLOOD COAGULATION FACTORS, analysis/ ENGLISH ABSTRACT/ FACTOR XII, analysis/ GOUT, metabolism/ HUMAN/ OSTEOARTHRITIS, metabolism/ *SYNOVIAL FLUID, analysis

2917. **Guerrier Y, Guerrier B:** Le Frenolyse en oto-rhino-laryngologie et en chirurgie cervico-faciale.
Rev Laryngol Otol Rhinol (Bord) 93:109-17, Jan-Feb 72 (Fre)
*BLOOD COAGULATION, drug effects/ *CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ *HEMORRHAGE, drug therapy/ HEMORRHAGE, prevention & control/ HUMAN/ METHYLAMINES, therapeutic use/ *OTORHINOLARYNGOLOGIC DISEASES, drug therapy/ OTORHINOLARYNGOLOGIC DISEASES, surgery

2918. **Guevara I, Miliani E, Linares J:** Congenital deficiency of factor VII. First two cases reported in Venezuela.
Rev Bras Pesqui Med Biol 5:101-6, 1972 (Pol)
ADULT/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CHILD/ CLOT RETRACTION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPOPROCONVERTINEMIA, congenital/ HYPOPROCONVERTINEMIA, diagnosis/ PROTHROMBIN TIME/ THROMBELASTOGRAPHY/ VENEZUELA

2919. **Guevarra AK, Morita Y, Reyman TA:** Erythrocyte deformation as a sign of renal homograft rejection.
Transplantation 14:683-8, Dec 72
ADOLESCENCE/ ADULT/ ANEMIA, HEMOLYTIC, ACQUIRED, immunology/ ARTERIES/ BLOOD PLATELETS/ ERYTHROCYTE COUNT/ *ERYTHROCYTES, ABNORMAL, immunology/ FEMALE/ FIBRIN/ FIBRINOLYSIS/ *GRAFT REJECTION/ HUMAN/ KIDNEY, blood supply/ *KIDNEY, transplantation/ MALE/ MIDDLE AGE/ THROMBOSIS, immunology/ TRANSPLANTATION, HOMOLOGOUS

2920. **Guhathakurta B, Bhattacharya S, Datta GC, et al:** Enzymes of non-agglutinable vibrios and their possible role in the development of enterotoxic factor. Experientia 29:903-4, 1973
ANIMAL EXPERIMENTS/ CHOLERA, enzymology/ *ENTEROTOXINS, metabolism/ HUMAN/ *HYALURONIDASE, metabolism/ LECITHINS/ *PEPTIDE HYDROLASES, metabolism/ *PHOSPHOLIPASE, metabolism/ RABBITS/ *VIBRIO, enzymology

2921. **Guibaud S, Bonnet M, Thoulon JM, et al:** Alpha1-antitrypsin in amniotic fluid.
Lancet 2:379, 18 Aug 73
*AMNIOTIC FLUID, analysis/ FEMALE/ GESTATIONAL AGE/ HUMAN/ PREGNANCY/ *TRYPSIN INHIBITORS, analysis

2922. **Guibaud S, Touraine F, Dumont M:** Variations qualitatives et quantitatives des protéines du liquide amniotique au cours de la grossesse.
Pathol Biol (Paris) 21:593-9, Jun 73 (Fre)
*AMNIOTIC FLUID, analysis/ CERULOPLASMIN, analysis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ FEMALE/ GEL DIFFUSION TESTS/ GESTATIONAL AGE/ HUMAN/ IGA, analysis/ IGG, analysis/ IGM, analysis/ IMMUNOELECTROPHORESIS/ PREGNANCY/ *PREGNANCY COMPLICATIONS, diagnosis/ *PROTEINS, analysis/ TRANSFERRIN, analysis/ TRYPSIN INHIBITORS, analysis

2923. **Guillaumat L, Massin M, Levy D, et al:** Experience clinique du décollement de rétine post-aphakie. Analyse de 111 cas traités aux Quinze-Vingts.
Ann Ocul (Paris) 205:1281-305, Dec 72 (Fre)
ADULT/ AGE FACTORS/ AGED/ ANESTHESIA, GENERAL, adverse effects/ ANESTHESIA, LOCAL, adverse effects/ CATARACT, etiology/ *CATARACT EXTRACTION, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ IRIS, surgery/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ RETINAL DETACHMENT, diagnosis/ *RETINAL DETACHMENT, etiology/ RETINAL DETACHMENT, prevention & control/ RETINAL DETACHMENT, surgery/ SURGERY, OPERATIVE, adverse effects/ TIME/ TRYPSIN, adverse effects

2924. **Guilmet C, Levy E, Vergoz D:** La fibrinolyse. Sa résurgence au cours de la chirurgie de l'hypertension portale. Nouv Presse Med 1:2023-4, 9 Sep 72 (Fre)
AMINOCAPROIC ACID, therapeutic use/ *ANTIFIBRINOLYTIC AGENTS, therapeutic use/ *BLOOD COAGULATION DISORDERS, etiology/ *FIBRINOLYSIS/ HEMOPERITONEUM, complications/ HEMOPERITONEUM, etiology/ HEMORRHAGE, etiology/ HEMORRHAGE, prevention & control/ HUMAN/ *HYPERTENSION, PORTAL, surgery/ PEPTIDE HYDROLASES, antagonists & inhibitors

2925. **Guimbretière J, Guimbretière L, Boudart D, et al:** Recherche et identification des anticorps anti-érythrocytaires par voie automatique. Résultats préliminaires obtenus avec la technique trypsine-albumine-dextran.
Rev Fr Transfus 15:73-80, Mar 72 (Fre)
ALBUMINS/ *ANTIBODIES, analysis/ *AUTOANALYSIS/ COLORIMETRY/ DEXTRAN/ ENGLISH ABSTRACT/ *ERYTHROCYTES, immunology/ FEMALE/ HUMAN/ INDICATORS AND REAGENTS/ METHODS/ TRYPSIN

2926. **Guinebault PR, Szabados L, Mester L:** Quelques caractéristiques de la structure chimique du fibrinogène de poulet.
C R Acad Sci [D] (Paris) 275:3013-6, 18 Dec 72 (Fre)
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ *CHICKENS/ *FIBRINOGEN, analysis/ GLYCOPEPTIDES, analysis/ HEXOSAMINES, analysis/ HEXOSES, analysis/ NEURAMINIC ACIDS, analysis/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPTOPHAN, analysis/ TYROSINE, analysis

2927. **Guisard D, Bigard MA, Debry G:** Etude de l'épuration plasmatique des lipides chez des sujets atteints de cirrhose hépatique d'origine éthylique avec ascite.
Nutr Metab 14:193-202, 1972 (Fre)
ADULT/ *ALCOHOLISM, blood/ ALCOHOLISM, metabolism/ ASCITES, blood/ ASCITES, metabolism/ BLOOD SUGAR, metabolism/ BODY HEIGHT/ BODY WEIGHT/ CHOLESTEROL, blood/ ENGLISH ABSTRACT/ ESTERS, blood/ FASTING/ FATTY ACIDS, NONESTERIFIED, blood/ HUMAN/ INJECTIONS, INTRAVENOUS/ *LIPIDS, blood/ LIPOPROTEIN LIPASE, blood/ *LIVER CIRRHOSIS, blood/ LIVER CIRRHOSIS, metabolism/ METABOLIC CLEARANCE RATE/ MIDDLE AGE/ PHOSPHOLIPIDS, blood/ TIME FACTORS/ TRIGLYCERIDES, administration & dosage/ TRIGLYCERIDES, blood/ TRIGLYCERIDES, diagnostic use

2928. **Guisard D, Castro G, Debry G, et al:** Epuration plasmatique des lipides et diabète. Etudes de la lipoprotéine-lipase.
C R Soc Biol (Paris) 166:1067-70, 1972 (Fre)
*DIABETES MELLITUS, blood/ DIABETES MELLITUS, enzymology/ DIABETES MELLITUS, metabolism/ *FATTY ACIDS, NONESTERIFIED, blood/ HEPARIN, pharmacodynamics/ HUMAN/ KINETICS/ *LIPOPROTEIN LIPASE, blood/ METHODS/ MIDDLE AGE/ PERFUSION/ *TRIGLYCERIDES, blood

2929. **Guivarch M, Mouchet A, Marquand J:** Repérage biliaire et déjantement duodénal. Repérage biliaire et duodénectomie rétrograde.
Nouv Presse Med 2:247-9, 27 Jan 73 (Fre)
CATHETERIZATION/ *COMMON BILE DUCT, surgery/ DRAINAGE/ *DUODENAL ULCER, surgery/ ENGLISH ABSTRACT/ HEMOSTASIS/ HUMAN/ METHODS

2930. **Guliaev AV:** Sergeĭ Ivanovich Spasokukotskiĭ. Ego deiatel'nost' po tranfuziologii, khirurgicheskoĭ gematologii i organizatsii sluzhby krovi v SSS.
Vestn Khir 108:3-6, Oct 72 (Rus)
BLOOD BANKS, history/ BLOOD PRESERVATION, history/ BLOOD TRANSFUSION, history/ *HEMATOLOGY, history/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HISTORY OF MEDICINE, 19TH CENT./ HISTORY OF MEDICINE, 20TH CENT./ PUBLIC HEALTH ADMINISTRATION, history/ *SURGERY, history/ USSR

2931. **Gullbring B:** Kostnaderna för blod och blodersättningsprodukter.
Lakartidningen 69:Suppl 4:92-4, 27 Dec 72 (Swe)
BLOOD BANKS/ BLOOD DONORS/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ BLOOD TRANSFUSION, adverse effects/ COMMUNITY HEALTH SERVICES/ COSTS AND COST ANALYSIS/ ENGLISH ABSTRACT/ HEALTH FACILITY PLANNING/ HEPATITIS, HOMOLOGOUS SERUM, etiology/ HEPATITIS, HOMOLOGOUS SERUM, prevention & control/ *PLASMA/ *PLASMA SUBSTITUTES/ SWEDEN

2932. **Gullbring B:** Handläggandet av övre gastro-intestinal blödning. 6. Ar den sällsynta blodgruppen en operationsindikation.
Lakartidningen 69:4957-8, 18 Oct 72 (Swe)
BLOOD BANKS/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ *HEMORRHAGE, GASTROINTESTINAL, blood/ HEMORRHAGE, GASTROINTESTINAL, surgery/ HUMAN/ *RH FACTORS

2933. **Güller R, Kayasseh L, Stalder GA:** Die exokrine Pankreasfunktion bei Chromenteropathie. Eine Funktions- und Verlaufsstudie an sieben Patienten.
Dtsch Med Wochenschr 98:1268-70, 22 Jun 73 (Ger)
CHOLESTEROL, blood/ *CHROMIUM, poisoning/ CHYMOTRYPSIN, analysis/ ENGLISH ABSTRACT/ EXPERT TESTIMONY/ FECES, analysis/ FOLLOW-UP STUDIES/ HUMAN/ *INTESTINAL DISEASES, chemically induced/ LIPOPROTEINS, blood/ MALE/ MIDDLE AGE/ *OCCUPATIONAL DISEASES, chemically induced/ PANCREAS, secretion/ *PANCREATIC DISEASES, chemically induced/ PANCREATIC DISEASES, physiopathology/ SPRUE, chemically induced/ TRYPSIN, analysis

2934. **Gullick HD:** Relation of the magnitude of blood enzyme elevation to severity of exocrine pancreatic disease.
Am J Dig Dis 18:375-83, May 73
ACUTE DISEASE/ ADULT/ AGED/ *AMYLASE, blood/ CHRONIC DISEASE/ *ENZYME TESTS/ FEMALE/ HUMAN/ *LIPASE, blood/ MALE/ MIDDLE AGE/ MORPHINE, pharmacodynamics/ NEOSTIGMINE, pharmacodynamics/ PANCREAS, drug effects/ PANCREAS, enzymology/ *PANCREATIC DISEASES, diagnosis/ PANCREATIC NEOPLASMS, diagnosis/ PANCREATIC NEOPLASMS, enzymology/ PANCREATITIS, diagnosis/ PANCREATITIS, enzymology/ PANCREOZYMIN, pharmacodynamics/ SECRETIN, pharmacodynamics/ STIMULATION, CHEMICAL/ TIME FACTORS/ *TRYPSIN, blood

2935. **Gullick HD:** Differentiation of trypsin-like enzymes in human plasma.
Clin Chem 18:1385-94, Nov 72
AMIDES/ AMIDOHYDROLASES, blood/ ARGININE/ BENZOATES/ CATALYSIS/ DRUG STABILITY/ ENZYME ACTIVATION/ ESTERASES, blood/ ESTERS/ FIBRINOLYSIN, analysis/ HEAT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KALLIKREIN, blood/ KALLIKREIN-TRYPSIN INACTIVATOR/ METHODS/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ *PEPTIDE PEPTIDOHYDROLASES, blood/ STREPTOKINASE/ THROMBIN, analysis/ TIME FACTORS/ TRYPSIN, blood

2936. **Gunay U:** A clinical comparison of two commercial preparations of prothrombin complex.
Proc Inst Med Chic 29:315, May-Jun 73
CHRISTMAS DISEASE, drug therapy/ COMPARATIVE STUDY/ HUMAN/ *PROTHROMBIN, therapeutic use

2937. **Gundersen J:** Pitfalls in drip-infusion technique. A new

device for automatic control of infusion rate. Acta Anaesthesiol Scand 16:117-22, 1972
ANGIOTENSIN AMIDE, administration & dosage/ ANGIOTENSIN AMIDE, therapeutic use/ BLOOD TRANSFUSION/ ELECTRONICS, MEDICAL/ HUMAN/ *INJECTIONS, INTRAVENOUS, instrumentation/ METHODS/ SOLUTIONS, administration & dosage/ STREPTODORNASE AND STREPTOKINASE, administration & dosage/ STREPTODORNASE AND STREPTOKINASE, therapeutic use/ THROMBOPHLEBITIS, drug therapy/ VASCULAR DISEASES, drug therapy

2938. **Günter M, Gerl D, Bonow A:** Der Einfluss der Gestation auf das Gerinnungssystem und die Erkennung mögl icher Störungen.
Z Aerztl Fortbild (Jena) 67:209-15, 1 Mar 73 (37 ref.) (Ger)
BLOOD/ *BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ CALCIUM/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ FACTOR V/ FACTOR VII/ FACTOR VIII/ FEMALE/ FIBRINOGEN/ FIBRINOLYSIS/ HUMAN/ *PREGNANCY/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, diagnosis/ PROTHROMBIN/ REVIEW/ THROMBOPLASTIN

2939. **Günther M, Estel C, Kadner J:** Verhalten des Thrombosplatin-Inhibitionsvermögens des Serums unter der Feburt und im Wochenbett.
Zentralbl Gynaekol 94:1198-200, 9 Sep 72 (Ger)
BLOOD/ FEMALE/ HEMORRHAGIC DIATHESIS, blood/ HUMAN/ INFANT, NEWBORN/ *LABOR/ PREGNANCY/ *PUERPERIUM/ *THROMBOPLASTIN, antagonists & inhibitors/ UMBILICAL CORD

2940. **Gupta KG, Chopra SC:** Relationship between lipids and coagulase of Staphylococcus.
Ann Inst Pasteur (Paris) 123:195-200, Aug 72
*COAGULASE, analysis/ CULTURE MEDIA/ FATTY ACIDS, analysis/ *LIPIDS, analysis/ PHOSPHOLIPIDS, analysis/ *STAPHYLOCOCCUS, analysis/ STAPHYLOCOCCUS, pathogenicity

2941. **Gupta KG, Garg S:** Factors affecting the coagulase release by Staphylococcus aureus.
Zentralbl Bakteriol [Orig A] 220:519-25, Jun 72
CHLORIDES, pharmacodynamics/ COAGULASE, biosynthesis/ GLUCOSE, pharmacodynamics/ GLYCERIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ IRON, pharmacodynamics/ LACTOSE, pharmacodynamics/ MAGNESIUM SULFATE, pharmacodynamics/ MALTOSE, pharmacodynamics/ POTASSIUM, pharmacodynamics/ SERUM ALBUMIN, pharmacodynamics/ SODIUM CHLORIDE, pharmacodynamics/ STAPHYLOCOCCUS, drug effects/ *STAPHYLOCOCCUS, enzymology/ SUCROSE, pharmacodynamics/ SUGAR ALCOHOLS, pharmacodynamics/ SULFATES, pharmacodynamics

2942. **Gupta KG, Gautum SC:** Effect of temperature on survivability of bacteria in blood in vitro in presence of anticoagulants. Indian J Exp Biol 10:122-4, Mar 72
*ANTICOAGULANTS/ BACTERIA, drug effects/ *BACTERIA, growth & development/ *BLOOD, microbiology/ BLOOD SPECIMEN COLLECTION/ CITRATES, pharmacodynamics/ EDTA, pharmacodynamics/ OXALATES, pharmacodynamics/ *TEMPERATURE

2943. **Gupta PK, Paul BS:** Influence of dietary intake of malathion on the haematology and plasma electrolytes in chickens. Poult Sci 51:1574-7, Sep 72
ANIMAL EXPERIMENTS/ *BLOOD CELLS, drug effects/ *BLOOD COAGULATION, drug effects/ *BLOOD SEDIMENTATION/ *CHICKENS/ DIET/ ERYTHROCYTE COUNT/ FEMALE/ HEMATOCRIT/ LEUKOCYTE COUNT/ MALATHION, administration & dosage/ *MALATHION, toxicity/ MALE/ *POTASSIUM, blood/ *SODIUM, blood/ TIME FACTORS/ *WATER-ELECTROLYTE BALANCE, drug effects

2944. **Gupta RK:** Immunohistochemical study of glomerular lesions in retroperitoneal lymphomas.
Am J Pathol 71:427-36, Jun 73
BASEMENT MEMBRANE, immunology/ BASEMENT MEMBRANE, pathology/ COMPLEMENT, analysis/ FIBRIN, analysis/ FIBRINOGEN, analysis/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ IGG, analysis/ IGM, analysis/ KIDNEY GLOMERULUS, immunology/ *KIDNEY GLOMERULUS, pathology/ LYMPHOMA, immunology/ *LYMPHOMA, pathology/ RETROPERITONEAL NEOPLASMS, immunology/ *RETROPERITONEAL NEOPLASMS, pathology

2945. **Gupta RK, Schuster R, Christian WD:** A comparative immunohistochemical study of splenic arterial hyalinosis in health and disease.
Am J Pathol 69:79-88, Oct 72
ADOLESCENCE/ ADULT/ AGED/ ARTERIOSCLEROSIS, pathology/ BETA GLOBULIN, analysis/ CHILD/ CHILD, PRESCHOOL/ COMPLEMENT, analysis/ FIBRIN, analysis/ FIBRINOGEN, analysis/ FLUORESCENT ANTIBODY TECHNIC/ HISTOCYTOCHEMISTRY/ HUMAN/ *HYALIN SUBSTANCE/ HYPERTENSION, pathology/ IGG, analysis/ IGM, analysis/ INFANT/ INFANT, NEWBORN/ LIPOPROTEINS, LDL, analysis/ MIDDLE AGE/ MUCOPOLYSACCHARIDES, analysis/ RABBITS, immunology/ SPLENIC ARTERY, analysis/ *SPLENIC ARTERY, immunology/ SPLENIC ARTERY, pathology/ *VASCULAR DISEASES, immunology

2946. **Gupta S, Pal NC:** Hamartoma of the thoracic wall.
Thorax 27:500-2, Jul 72
ADIPOSE TISSUE, pathology/ ADOLESCENCE/ BONE AND BONES, pathology/ *HAMARTOMA/ HAMARTOMA, pathology/ HAMARTOMA, surgery/ HEMANGIOMA, CAVERNOUS, pathology/ HUMAN/ LYMPHOID TISSUE, pathology/ MALE/ MUSCLE, SMOOTH, pathology/ NERVE TISSUE, pathology/ RIBS, pathology/ *THORACIC NEOPLASMS/ THORACIC NEOPLASMS, pathology/ THORACIC NEOPLASMS, surgery/ THORACIC VERTEBRAE, pathology

2947. **Gupta SK, Gupta OP, Samant HC, et al:** Roentgen diagnosis of naso-pharyngeal masses.
Australas Radiol 17:14-8, Mar 73
*ANGIOMA, SCLEROSING, radiography/ *CARCINOMA, radiography/ CONTRAST MEDIA/ *CYLINDROMA, radiography/ HUMAN/ *LYMPHOSARCOMA, radiography/ *NASAL POLYPS, radiography/ *NASOPHARYNGEAL NEOPLASMS, radiography

2948. **Gurevich MA:** Infarkt miokarda i vozrast.
Kardiologiia 13:5-14, May 73 (37 ref.) (Rus)
ACUTE DISEASE/ ADULT/ *AGE FACTORS/ AGED/ ANTICOAGULANTS, therapeutic use/ ARRHYTHMIA, etiology/ BLOOD CIRCULATION/ BLOOD COAGULATION DISORDERS, etiology/ CARDIAC GLYCOSIDES, therapeutic use/ CORONARY DISEASE, complications/ ENGLISH ABSTRACT/ FEMALE/ HEMODYNAMICS/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT/ MYOCARDIAL INFARCT, complications/ MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, etiology/ MYOCARDIAL INFARCT, mortality/ MYOCARDIAL INFARCT, pathology/ MYOCARDIAL INFARCT, physiopathology/ RECURRENCE/ REVIEW/ SHOCK, CARDIOGENIC, etiology

2949. **Gurevich VM:** Ob ispol'zovanii nekotorykh koagulologicheskikh pokazatelei v kachestve dopolnitel'nykh kriteriev aktivnosti revmaticheskogo protsessa. Kardiologiia 12:122-4, Oct 72 (Rus)
BLOOD COAGULATION TESTS/ *BLOOD

COAGULATION TESTS/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ *HEPARIN, blood/ HUMAN/ *RHEUMATIC FEVER, blood

2950. **Gürtler LG, Horstmann HJ:** Subunits of toxin and agglutinin of Ricinus communis.
Biochim Biophys Acta 295:582-94, 21 Feb 73
AMINO ACIDS, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN LAYER/ ELECTROPHORESIS/ ELECTROPHORESIS, DISK/ GEL DIFFUSION TESTS/ GEL FILTRATION/ GLYCOPROTEINS, analysis/ GLYCOPROTEINS, isolation & purification/ HEMAGGLUTINATION TESTS/ HUMAN/ MACROMOLECULAR SYSTEMS/ MERCAPTOETHANOL/ MOLECULAR WEIGHT/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ *PLANT AGGLUTININS, analysis/ PLANT AGGLUTININS, isolation & purification/ *RICINUS, analysis/ SODIUM DODECYL SULFATE/ *TOXINS, analysis/ TOXINS, isolation & purification/ TRYPSIN/ UREA

2951. **Guski H, Weiss P:** Zur Frage der spontanen Rückbildungsfähigkeit der experimentellen Atheromatose.
Exp Pathol (Jena) 6:214-24, 1972 (Ger)
ANIMAL EXPERIMENTS/ ARTERIES, physiopathology/ ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, chemically induced/ *ARTERIOSCLEROSIS, physiopathology/ ARTERIOSCLEROSIS, therapy/ CHOLESTEROL/ CHOLESTEROL, blood/ DIET, ATHEROGENIC/ DIET THERAPY/ ENGLISH ABSTRACT/ MICROSCOPY, ELECTRON/ MUCOPOLYSACCHARIDES/ RABBITS

2952. **Gus'kova AK, Sokolov VV, Gribova IA:** Ob"em i otsenka rezul'tatov gematologicheskogo obledovaniia v praktike periodicheskikh meditsinskikh osmotrov lits, podvergaiushchikhsia khronicheskomu luchevomu vozdeĭstviiu.
Gig Tr Prof Zabol 16:18-21, Aug 72 (Rus)
BLOOD PLATELETS/ ENGLISH ABSTRACT/ HUMAN/ LEUKOCYTE COUNT/ *RADIATION INJURIES, diagnosis

2953. **Güthert H, Wöckel W:** Zur pathologischen Anatomie der Blutungen in der Perinatalperiode.
Zentralbl Allg Pathol 116:507-18, 1972 (56 ref.) (Ger)
ADRENAL GLAND DISEASES, pathology/ ANOXIA/ CEREBRAL HEMORRHAGE, pathology/ DIAGNOSIS, DIFFERENTIAL/ HEMOPTYSIS, pathology/ *HEMORRHAGE, pathology/ HEMORRHAGE, GASTROINTESTINAL, pathology/ HEMORRHAGIC DISEASE OF NEWBORN, pathology/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, pathology/ INFANT, PREMATURE/ INFANT, PREMATURE, DISEASES, pathology/ KIDNEY DISEASES, pathology/ LIVER DISEASES, pathology/ LUNG DISEASES, pathology/ MELENA, pathology/ REVIEW

2954. **Gutiérrez C, González C:** Method for simultaneous detection of proteinase and esterase activities in extremely halophilic bacteria.
Appl Microbiol 24:516-7, Sep 72
BACTERIOLOGICAL TECHNICS/ CULTURE MEDIA/ *ESTERASES, analysis/ ESTERASES, metabolism/ FOOD MICROBIOLOGY/ GELATIN, metabolism/ *HALOBACTERIUM, enzymology/ HALOBACTERIUM, isolation & purification/ HYDROLYSIS/ PALMITIC ACID/ *PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, metabolism/ SODIUM CHLORIDE/ SURFACE-ACTIVE AGENTS, metabolism

2955. **Gutierrez LV, Baron JH:** A comparison of Boots and GIH secretin as stimuli of pancreatic secretion in human subjects with or without chronic pancreatitis.
Gut 13:721-5, Sep 72
BICARBONATES, analysis/ COMPARATIVE STUDY/ HUMAN/ MALE/ PANCREAS, drug effects/ *PANCREAS, secretion/ PANCREATIC JUICE, analysis/ PANCREATIC JUICE, secretion/ *PANCREATITIS/ PANCREATITIS, diagnosis/ *SECRETIN, pharmacodynamics/ SECRETORY RATE, drug effects/ STIMULATION, CHEMICAL/ TRYPSIN, analysis

2956. **Gutiérrez-Vallejo F:** Coagulación intravascular diseminada. Angiologia 25:255-64, Sep-Oct 73 (Spa)
*DISSEMINATED INTRAVASCULAR COAGULATION/ HUMAN

2957. **Gutkin VI:** Sushchestvuet li paraliticheskaia sekretsiia (vliianie denervatsii na zheleznstuiu tkan'.
Usp Sovrem Biol 74:121-41, Jul-Aug 72 (159 ref.) (Rus)
AMYLASE, metabolism/ ANIMAL EXPERIMENTS/ *DENERVATION/ DNA, metabolism/ OXIDOREDUCTASES, metabolism/ PARASYMPATHETIC NERVOUS SYSTEM, physiology/ PARASYMPATHOLYTICS, pharmacodynamics/ PAROTID GLAND, cytology/ PAROTID GLAND, metabolism/ PAROTID GLAND, secretion/ PEPTIDE HYDROLASES, metabolism/ REVIEW/ RNA, metabolism/ SALIVARY GLANDS, cytology/ SALIVARY GLANDS, metabolism/ *SALIVARY GLANDS, secretion/ SUBLINGUAL GLAND, cytology/ SUBLINGUAL GLAND, metabolism/ SUBLINGUAL GLAND, secretion/ SULFHYDRYL COMPOUNDS, metabolism/ SYMPATHECTOMY

2958. **Gutman RA, Shalhoub RJ, Wade AD, et al:** Hypertriglyceridemia in chronic nonnephrotic renal failure. Am J Clin Nutr 26:165-72, Feb 73
ADULT/ FASTING/ HEMODIALYSIS/ HEPARIN, administration & dosage/ HEPARIN, pharmacodynamics/ HUMAN/ *HYPERLIPEMIA, blood/ HYPERLIPEMIA, enzymology/ HYPERLIPEMIA, etiology/ INJECTIONS, INTRAVENOUS/ KIDNEY, transplantation/ KIDNEY DISEASES, complications/ *KIDNEY FAILURE, CHRONIC, blood/ KIDNEY FAILURE, CHRONIC, complications/ KIDNEY FAILURE, CHRONIC, etiology/ KIDNEY FAILURE, CHRONIC, therapy/ *LIPOPROTEIN LIPASE, blood/ MALE/ MIDDLE AGE/ PERITONEAL DIALYSIS/ PROTAMINES, pharmacodynamics/ TRANSPLANTATION, HOMOLOGOUS/ *TRIGLYCERIDES, blood/ *UREMIA, blood

2959. **Gutstein WH, Farrell GA:** Endothelial defects and blood flow disturbance in atherogenesis.
Experientia 28:1299-300, 15 Nov 72
ANIMAL EXPERIMENTS/ AORTA, ABDOMINAL, pathology/ *ARTERIES, pathology/ *ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, pathology/ ARTERIOSCLEROSIS, physiopathology/ BLOOD FLOW VELOCITY/ DIET, ATHEROGENIC/ ENDOTHELIUM/ FEMALE/ ILIAC ARTERY, pathology/ MALE/ MICROSCOPY, ELECTRON/ *REGIONAL BLOOD FLOW/ SWINE

2960. **Gvatua NA, Kravtsov VL, Tsyganii AA, et al:** Nekotorye aspekty ispol'zovaniia dlitel'noi neiroplegii v lechenii bol'nykh ostrym infarktom miokarda.
Kardiologiia 13:35-43, Apr 73 (Rus)
ACUTE DISEASE/ AMINOPYRINE, therapeutic use/ ANALGESICS AND ANTIPYRETICS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ *AUTONOMIC DRUGS, therapeutic use/ BENPERIDOL, therapeutic use/ CARDIAC GLYCOSIDES, therapeutic use/ CHLORPROMAZINE, therapeutic use/ DIPHENHYDRAMINE, therapeutic use/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ FENTANYL, therapeutic use/ HEART FUNCTION TESTS/ HEMODYNAMICS, drug effects/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, INTRAVENOUS/ MYOCARDIAL DEPRESSANTS, therapeutic use/ *MYOCARDIAL INFARCT, drug therapy/ PIPERIDINES, therapeutic use/ TIME FACTORS/ VASODILATOR AGENTS, therapeutic use

2961. **Gvozdev RI, Tat'ianenko LV, Belova ZP, et al:** Ochistka protaminsul'fata i ego ispol'zovanie dlia vydeleniia kislykh i osnovnykh belkov i nukleĭnovykh kislot.

Prikl Biokhim Mikrobiol 8:221-5, Mar-Apr 72 (Rus)
*AZOTOBACTER, analysis/ BACTERIAL PROTEINS, isolation & purification/ CELL-FREE SYSTEM/ DNA, BACTERIAL, isolation & purification/ ENGLISH ABSTRACT/ GEL FILTRATION/ PHOSPHATASES, isolation & purification/ *PROTAMINES/ PROTAMINES, isolation & purification/ RNA, BACTERIAL, isolation & purification/ *SARCINA, analysis

2962. **Gwatkin RB, Williams DT, Hartmann JF, et al:** The zona reaction of hamster and mouse eggs: production in vitro by a trypsin-like protease from cortical granules. J Reprod Fertil 32:259-65, Feb 73
ANIMAL EXPERIMENTS/ CELL ADHESION/ *CYTOPLASMIC GRANULES, enzymology/ ELECTRIC STIMULATION/ FEMALE/ HAMSTERS/ IN VITRO/ MALE/ MICE/ *OVUM, enzymology/ *PEPTIDE HYDROLASES/ SOY BEANS/ SPERMATOZOA/ TRYPSIN/ TRYPSIN INHIBITORS

2963. **Gyenes V, Vörös A, Kertész T:** Nyitott szívmütéteket követö koral véralvadási zavarok.
Orv Hetil 114:264-7, 4 Feb 73 (Hun)
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION DISORDERS, etiology/ FIBRINOLYSIS/ *HEART SURGERY, adverse effects/ HEMORRHAGE, etiology/ HUMAN/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS/ THROMBOPENIA, etiology

2964. **Gyula S, Mátyás B:** Haemangioma cavernosum intramedullare.
Morphol Igazsagugyi Orv Sz 13:123-5, Apr 73 (Hun)
AGED/ AUTOPSY/ ENGLISH ABSTRACT/ *HEMANGIOMA, CAVERNOUS, complications/ HEMANGIOMA, CAVERNOUS, pathology/ HUMAN/ MALE/ *MULTIPLE SCLEROSIS, etiology/ MULTIPLE SCLEROSIS, pathology/ SPINAL CORD, pathology/ *SPINAL CORD NEOPLASMS, complications

H

2965. **Haas R, Hardt H, Kern W, et al:** Gerinnung, Mikrozirkulation und akute Strahlenreaktion der Haut. Eine Vergleichsstudie der Hautreaktion unter der Konventionellen Strahlentherapie des Mammakrazinoms bei vorsorglicher Gerinnungshemmung mit Marcumar.
Fortschr Geb Roentgenstr Nuklearmed Suppl:53-5, 1972 (Ger)
AUTOPSY/ BLOOD COAGULATION, radiation effects/ BLOOD COAGULATION TESTS/ *BREAST NEOPLASMS, radiotherapy/ COUMARINS, therapeutic use/ FEMALE/ HUMAN/ IODINE ISOTOPES/ MICROCIRCULATION, radiation effects/ *RADIODERMATITIS, blood/ RADIODERMATITIS, prevention & control/ SKIN, blood supply/ THERMOGRAPHY

2966. **Haas R, Kern W, Hardt H:** Untersuchungen der terminalen Lungenstrombahn mit 131J-Albuminpartikeln.
Nucl Med (Stuttg) 9:208-14, 1971 (Ger)
ANIMAL EXPERIMENTS/ HEPARIN, pharmacodynamics/ HUMAN/ *LUNG, physiology/ MICROCIRCULATION, drug effects/ NICOTINIC ACID, pharmacodynamics/ *PULMONARY CIRCULATION/ PULMONARY CIRCULATION, drug effects/ PULMONARY EMBOLISM, diagnosis/ *RADIOISOTOPE SCANNING/ *SERUM ALBUMIN, RADIO-IODINATED, diagnostic use/ VENTILATION-PERFUSION RATIO

2967. **Haba K:** Immunoelectrophoretic study on the Postmortem cadaver blood in sudden death.
Acta Haematol Jap 34:219-27, Apr 71
*BLOOD COAGULATION/ CADAVER/ *DEATH, SUDDEN/ FIBRIN, blood/ FIBRINOGEN, blood/ FIBRINOLYSIS/ FIBRINOLYTIC AGENTS/ *FORENSIC MEDICINE/ HEAT/ HUMAN/ *IMMUNOELECTROPHORESIS/ *POSTMORTEM CHANGES/ STREPTOKINASE

2968. **Habal FM, Movat HZ:** Kininogens of human plasma.
Res Commun Chem Pathol Pharmacol 4:477-86, Sep 72
BLOOD PROTEIN ELECTROPHORESIS/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, ION EXCHANGE/ DIALYSIS/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ HUMAN/ ISOELECTRIC FOCUSING/ KALLIKREIN/ KININOGENS, blood/ *KININS, blood/ MOLECULAR WEIGHT/ *PROTEIN PRECURSORS, blood/ TEMPERATURE/ TRYPSIN

2969. **Habener JF, Kemper B, Potts JT Jr, et al:** Bovine proparathyroid hormone: structural analysis of radioactive peptides formed by limited cleavage.
Endocrinology 92:219-26, Jan 73
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CATTLE/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ CYANOGEN BROMIDE/ ELECTROPHORESIS, PAPER/ HYDROCHLORIC ACID, pharmacodynamics/ HYDROLYSIS/ *PARATHYROID HORMONE, analysis/ PARATHYROID HORMONE, isolation & purification/ PARATHYROID HORMONE, metabolism/ *PEPTIDES, analysis/ STRUCTURE-ACTIVITY RELATIONSHIP/ SULFUR ISOTOPES/ TRITIUM/ TRYPSIN

2970. **Haberkern RC, Cantoni GL:** Studies on a calf thymus ribonuclease specific for ribonucleic acid-deoxyribonucleic acid hybrids.
Biochemistry 12:2389-95, 19 Jun 73
AMMONIUM SULFATE/ ANIMAL EXPERIMENTS/ BINDING, COMPETITIVE/ CATTLE/ CHROMATOGRAPHY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ *DNA/ DNA, SINGLE STRANDED/ DNA, VIRAL/ ENDONUCLEASES/ GEL FILTRATION/ KINETICS/ MAGNESIUM/ MANGANESE/ MOLECULAR WEIGHT/ NUCLEIC ACID HYBRIDIZATION/ PROTAMINES/ *RIBONUCLEASE/ RIBONUCLEASE, antagonists & inhibitors/ RIBONUCLEASE, isolation & purification/ RIFAMPIN/ *RNA/ STRUCTURE-ACTIVITY RELATIONSHIP/ SULFURIC ACIDS/ *THYMUS GLAND, enzymology

2971. **Haberland GL, Koslowski L, Matis P:** Trasylol in der Schocktherapie. Wirkung und Interpretation.
Med Welt 23:1049-56, 5 Aug 72 (Ger)
ANIMAL EXPERIMENTS/ DOGS/ HEPARIN, therapeutic use/ HUMAN/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ RATS/ *SHOCK, drug therapy/ SHOCK, HEMORRHAGIC, drug therapy/ SHOCK, TRAUMATIC, drug therapy

2972. **Habermann E:** Zur Frage der Mediatoren bei Schockprozessen: Pathogenetische und therapeutische Probleme.
Verh Dtsch Ges Inn Med 77:1221-9, 1971 (19 ref.) (Ger)
ACETYLCHOLINE, physiology/ ADRENAL CORTEX HORMONES, physiology/ ANAPHYLAXIS, physiopathology/ ANGIOTENSIN, physiology/ ANIMAL EXPERIMENTS/ BLOOD VESSELS, physiopathology/ CELL MEMBRANE PERMEABILITY/ COMPLEMENT, physiology/ DOGS/ ENDOTOXINS/ HISTAMINE, physiology/ HUMAN/ KININS, physiology/ MONKEYS/ NOREPINEPHRINE, physiology/ PHOSPHOLIPASE, physiology/ RABBITS/ REVIEW/ SEROTONIN, physiology/ SHOCK, enzymology/ SHOCK, etiology/ *SHOCK, physiopathology/ SHOCK, therapy/ SHOCK, ENDOTOXIC, physiopathology/ SHOCK, HEMORRHAGIC, physiopathology/ TRYPSIN, physiology

2973. **Habersberger PG, Pitt A, Anderson ST:** Venous thromboses in myocardial infarction. Comparison in heparin dosage. Br Heart J 35:538-42, May 73
ACUTE DISEASE/ FEMALE/ FIBRINOGEN, diagnostic use/ HEART FAILURE, CONGESTIVE, complications/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS,

INTRAVENOUS/ IODINE ISOTOPES, DIAGNOSTIC/ LEG/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, complications/ PROSPECTIVE STUDIES/ THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, occurrence/ *THROMBOPHLEBITIS, prevention & control

2974. **Habib MA, Burningham RA:** Autoimmune thrombocytopenia occurring in a young woman with idiopathic haemochromatosis.
Scand J Haematol 10:148-52, 1973
ADULT/ AMENORRHEA, drug therapy/ AMENORRHEA, etiology/ AUTOIMMUNE DISEASES/ BILIRUBIN, blood/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOODLETTING/ CHROMIUM ISOTOPES/ DIETHYLSTILBESTROL, therapeutic use/ ESTROGENIC SUBSTANCES, CONJUGATED, therapeutic use/ FEMALE/ HALF-LIFE/ HEMOCHROMATOSIS, blood/ *HEMOCHROMATOSIS, complications/ HEMOCHROMATOSIS, therapy/ HUMAN/ IRON, blood/ IRON ISOTOPES/ RECURRENCE/ THROMBOPENIA, blood/ *THROMBOPENIA, etiology

2975. **Haci Boškov A, Glavaš O, Georgievski P:** Hemostatičko dejstvo na "Emex" pri krvavenja vo otorinolaringologijata.
God Zb Med Fak Skopje 18:381-6, 1972 (Ser)
ADOLESCENCE/ *ADRENOCHROME, therapeutic use/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGE, drug therapy/ *HEMOSTATICS, therapeutic use/ HUMAN/ MIDDLE AGE/ *OTORHINOLARYNGOLOGIC DISEASES, surgery/ *POSTOPERATIVE COMPLICATIONS, drug therapy/ *SEMICARBAZIDES, therapeutic use/ SEMICARBAZONES, therapeutic use

2976. **Hackenberg U:** Chronic ingestion by rats of standard diet treated with aluminum phosphide.
Toxicol Appl Pharmacol 23:147-58, Sep 72
ABDOMINAL NEOPLASMS, pathology/ ALANINE AMINOTRANSFERASE, blood/ *ALUMINUM, adverse effects/ ANIMAL EXPERIMENTS/ APPETITE, drug effects/ BLOOD CHEMICAL ANALYSIS/ BLOOD SUGAR/ DIET/ FEMALE/ FUMIGATION/ MALE/ MAMMAE, pathology/ NEOPLASMS, pathology/ ORGAN WEIGHT/ *PHOSPHINES, adverse effects/ *PHOSPHORUS, adverse effects/ PHOSPHORUS, analysis/ PLEURAL NEOPLASMS, pathology/ PROTHROMBIN TIME/ RATS/ RATS, INBRED STRAINS/ TIME FACTORS/ UREA, blood

2977. **Hackenthal E, Koch C, Bergemann T, et al:** Partial purification and characterization of a renin-like enzyme from rat submandibular gland.
Biochem Pharmacol 21:2779-92, 15 Oct 72
ANGIOTENSIN, analysis/ ANGIOTENSINASE, analysis/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ CHELATING AGENTS, pharmacodynamics/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DIALYSIS/ DIMERCAPROL, pharmacodynamics/ DITHIOTHREITOL, pharmacodynamics/ ESTERS, metabolism/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MALE/ PEPTIDE HYDROLASES, analysis/ PROTEINS, analysis/ RATS/ RENIN, analysis/ *RENIN, isolation & purification/ *SUBMANDIBULAR GLAND, enzymology/ SULFHYDRYL REAGENTS, pharmacodynamics/ TIME FACTORS

2978. **Hadchouel P, Touboul JP, Caroli J:** Study on the correlation between Normotest, Quick's method, and specific coagulation factors in liver disease.
Scand J Gastroenterol [Suppl] 19:151-4, 1973
ACUTE DISEASE/ ALANINE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ BLOOD CELL COUNT/ *BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CHRONIC DISEASE/ COMPARATIVE STUDY/ FACTOR V, metabolism/ FACTOR X, metabolism/ FACTOR XII, metabolism/ FEMALE/ *HEPATITIS, blood/ HEPATITIS, metabolism/ HUMAN/ INDICATORS AND REAGENTS/ *LIVER CIRRHOSIS, blood/ LIVER CIRRHOSIS, chemically induced/ LIVER CIRRHOSIS, metabolism/ LIVER FUNCTION TESTS/ MALE/ METHODS/ PROTHROMBIN TIME/ SERUM ALBUMIN/ *VITAMIN K DEFICIENCY, blood/ VITAMIN K DEFICIENCY, metabolism

2979. **Hadida E, Sayag J, Espinasse, et al:** Très volumineux angiome dermo-hyperdermique ulcére du membre supérieur gauche.
Bull Soc Fr Dermatol Syphiligr 79:279, 1972 (Fre)
*ARM/ CASE REPORT/ *HEMANGIOMA/ HEMANGIOMA, complications/ HEMANGIOMA, drug therapy/ HUMAN/ HYPERTROPHY/ INFANT/ INFANT, PREMATURE/ MALE/ SKIN ULCER, etiology/ VARICOSE VEINS, etiology

2980. **Hadida E, Sayag J, Carcassonne Y, et al:** Naevo-xantho-endothéliome de l'adulte.
Bull Soc Fr Dermatol Syphiligr 79:285-6, 1972 (Fre)
ADULT/ ANGIOMA, SCLEROSING, diagnosis/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ HISTIOCYTOMA, diagnosis/ HUMAN/ MALE/ MOLLUSCUM CONTAGIOSUM, diagnosis/ *XANTHOMA, JUVENILE, diagnosis/ XANTHOMA, JUVENILE, pathology

2981. **Haeringen NJ van, Oosterhuis JA, Terpstra J, et al:** Erythrocyte aggregation in relation to diabetic retinopathy. Diabetologia 9:20-4, Feb 73
ADOLESCENCE/ ADULT/ ALPHA GLOBULIN, analysis/ BETA GLOBULIN, analysis/ DIABETIC RETINOPATHY, blood/ *DIABETIC RETINOPATHY, complications/ *ERYTHROCYTE AGGREGATION, INTRAVASCULAR, complications/ FEMALE/ FIBRINOGEN, analysis/ GAMMA GLOBULIN, analysis/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ SERUM ALBUMIN, analysis

2982. **Hafez SM, Liess B:** Studies on bovine viral diarrhea-mucosal disease virus. II. Stability and some physico-chemical properties.
Acta Virol (Praha) 16:399-408, Sep 72
BOVINE VIRUS DIARRHEA- MUCOSAL DISEASE, microbiology/ CATTLE/ *CATTLE DISEASES, microbiology/ CELL LINE/ CENTRIFUGATION, DENSITY GRADIENT/ CHLOROFORM, pharmacodynamics/ ETHYL ETHER, pharmacodynamics/ HEAT/ HYDROGEN-ION CONCENTRATION/ KIDNEY/ MAGNESIUM, pharmacodynamics/ MICROPORE FILTERS/ RNA, VIRAL, analysis/ *RNA VIRUSES/ RNA VIRUSES, analysis/ RNA VIRUSES, drug effects/ RNA VIRUSES, growth & development/ STAINS AND STAINING/ SWINE/ TESTIS/ TRYPSIN, pharmacodynamics/ VIRUS CULTIVATION/ VIRUS DISEASES, microbiology/ VIRUS DISEASES, veterinary

2983. **Haff RC:** Technical factors influencing morbidity in thyroid operations. Am J Surg 126:383-6, Sep 7
HEMATOMA, etiology/ HUMAN/ HYPERTHYROIDISM, surgery/ HYPOCALCEMIA, etiology/ HYPOPARATHYROIDISM, etiology/ *IATROGENIC DISEASE/ LARYNGEAL NERVES, injuries/ POSTOPERATIVE COMPLICATIONS/ SURGERY, OPERATIVE, adverse effects/ SURGICAL WOUND INFECTION/ *THYROID DISEASES, surgery/ *THYROID NEOPLASMS, surgery/ THYROIDECTOMY, adverse effects/ THYROIDITIS, surgery

2984. **Hagedoorn A, Willekens BP:** Die Pathologie de retinovitrealen Adhäsion eines Lappenrisses. (Di vitreoide Degeneration.
Klin Monatsbl Augenheilkd 162:306-15, Mar 73 (Ger
ADHESIONS/ AGED/ AUTOPSY/ CELL NUCLEUS/ ENGLISH ABSTRACT/ EYE DISEASES, complications/ EYE DISEASES, pathology/ FEMALE/ HUMAN/ RETINAL DETACHMENT, complications/ *RETINAL

DETACHMENT, pathology/ *VITREOUS BODY, pathology

2985. **Hageman JH, Carlton BC:** Effects of mutational loss of specific intracellular proteases on the sporulation of Bacillus subtilis. J Bacteriol 114:612-7, May 73
ANTIGENS, BACTERIAL, analysis/ *BACILLUS SUBTILIS, enzymology/ BACILLUS SUBTILIS, growth & development/ BACILLUS SUBTILIS, immunology/ CASEIN, metabolism/ CELL-FREE SYSTEM/ EDTA, pharmacodynamics/ ELECTROPHORESIS/ GEL DIFFUSION TESTS/ *MUTATION/ *PEPTIDE HYDROLASES, biosynthesis/ PEPTIDE HYDROLASES, metabolism/ *SPORES, growth & development/ SPORES, BACTERIAL, growth & development

2986. **Hager H:** Besondere mikrochirurgische Eingriffe. 2. Erst Erfahrungen mid dem Argon-Laser-Gerät 800. Klin Monatsbl Augenheilkd 162:437-50, Apr 73 (Ger)
ADHESIONS/ ANTERIOR CHAMBER/ ARGON/ CILIARY BODY, surgery/ CONJUNCTIVA, blood supply/ CONJUNCTIVA, surgery/ CORNEA, blood supply/ CORNEA, surgery/ CYSTS, surgery/ ENGLISH ABSTRACT/ *EYE DISEASES, surgery/ GLAUCOMA, surgery/ HUMAN/ HYPHEMA, surgery/ INTRAOCULAR PRESSURE, drug effects/ IRIS, surgery/ *LASER COAGULATION, instrumentation/ METHODS/ MICROSURGERY/ OXYPHENBUTAZONE, therapeutic use/ POSTOPERATIVE CARE/ PUPIL, surgery/ RETINAL DISEASES, surgery/ VASCULAR DISEASES, surgery/ VITREOUS BODY, surgery

2987. **Hahn F, Jobke A, Liebig R, et al:** Changes in guinea-pig liver heparin and histamine during anaphylaxis. Int Arch Allergy Appl Immunol 44:717-34, 1973
*ANAPHYLAXIS, metabolism/ ANIMAL EXPERIMENTS/ ANTIGENS/ ANTIHISTAMINICS, therapeutic use/ GUINEA PIGS/ *HEPARIN, analysis/ *HISTAMINE, analysis/ *LIVER, metabolism/ OVALBUMIN/ TISSUE EXTRACTS

2988. **Hahn KJ, Eiden W, Schettle M, et al:** Effect of cholestyramine on the gastrointestinal absorption of phenprocoumon and acetylosalicylic acid in man. Eur J Clin Pharmacol 4:142-5, Jun 72
ADULT/ ASPIRIN, administration & dosage/ ASPIRIN, blood/ *ASPIRIN, metabolism/ ASPIRIN, urine/ *CHOLESTYRAMINE, pharmacodynamics/ *COUMARINS, metabolism/ COUMARINS, pharmacodynamics/ HUMAN/ IN VITRO/ *INTESTINAL ABSORPTION, drug effects/ MALE/ MIDDLE AGE/ PROTHROMBIN TIME/ TIME FACTORS

2989. **Hahn KJ, Weber E:** Uber den Einfluss von Cholestyramin auf die Resorption einiger Arzneimittel beim Menschen.
Verh Dtsch Ges Inn Med 78:1567-70, 1972 (Ger)
ANTICOAGULANTS, metabolism/ *CHOLESTYRAMINE, pharmacodynamics/ COUMARINS, metabolism/ HUMAN/ *INTESTINAL ABSORPTION, drug effects/ NICOTINIC ACID, metabolism

2990. **Hahn MJ, Dawson R, Esterly JA, et al:** Hemangiopericytoma. An ultrastructural study. Cancer 31:255-61, Jan 73
CHILD/ *HEMANGIOPERICYTOMA, pathology/ HUMAN/ MALE/ MICROSCOPY, ELECTRON/ NASAL POLYPS, pathology/ NEOPLASM RECURRENCE, LOCAL/ NOSE, pathology/ *NOSE NEOPLASMS, pathology

2991. **Hähnel H, Lindenhayn K, Mühlbach R, et al:** Die Heparinosteopathie im Tierexperiment--ein Osteoporosemodell? Zum Einfluss von Heparin auf den Hydroxylapatit-, Zitrat- und Hydroxyprolinegehalt der Knochen von Ratten unterschiedlichen Alters.
Z Alternsforsch 27:71-5, 1973 (Ger)
ANIMAL EXPERIMENTS/ BONE AND BONES, analysis/ CITRATES, analysis/ *DISEASE MODELS, ANIMAL/ *HEPARIN, adverse effects/ HYDROXYAPATITE, analysis/ HYDROXYPROLINE, analysis/ MALE/ *OSTEOPOROSIS, chemically induced/ RATS

2992. **Haimovici A, Marin G, Vătăman R, et al:** Rezultatele aplicării ionoforezei în endodontie.
Rev Med Chir Soc Med Nat Iasi 77:307-12, Apr-Jun 73 (Rum)
CHLORAMINES, therapeutic use/ CHYMOTRYPSIN, therapeutic use/ *DENTAL PULP DISEASES, therapy/ DENTAL PULP GANGRENE, therapy/ EDTA, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ IODINE, therapeutic use/ IONTOPHORESIS/ PULPITIS, therapy

2993. **Hait MR, Robb CA, Baxter CR, et al:** Comparative evaluation of Avitene microcrystalline collagen hemostat in experimental animal wounds.
Am J Surg 125:284-7, Mar 73
ANIMAL EXPERIMENTS/ BRAIN INJURIES, ACUTE, therapy/ *CELLULOSE, therapeutic use/ CEREBRAL HEMORRHAGE, prevention & control/ *COLLAGEN, therapeutic use/ COMPARATIVE STUDY/ DOGS/ FOREIGN BODY REACTION/ *HEMORRHAGE, prevention & control/ HEMORRHAGE, GASTROINTESTINAL, prevention & control/ *HEMOSTATICS, therapeutic use/ KIDNEY, injuries/ LIVER, injuries/ PANCREAS, injuries/ RABBITS/ *WOUNDS AND INJURIES, therapy

2994. **Hájek V, Maršálek E, Hubáček J:** A study of staphylococci isolated from the upper respiratory tract of different animal species. V. Physiological properties of Staphylococcus aureus strains from mink. Zentralbl Bakteriol [Orig A] 222:194-9, Nov 72
ANIMAL EXPERIMENTS/ COAGULASE/ FIBRINOLYSIN/ HEMOLYSINS/ *MINK/ *RESPIRATORY SYSTEM, microbiology/ *STAPHYLOCOCCUS, analysis/ STAPHYLOCOCCUS, enzymology

2995. **Halatová A, Halata J:** Pi systém. II. Některé zkušenosti s vyšetřováním alpha1-antitrypsinémie u dětí.
Cesk Pediatr 28:286-9, Jun 73 (Cze)
ADULT/ ENGLISH ABSTRACT/ GEL DIFFUSION TESTS/ HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ *METABOLISM, INBORN ERRORS, familial & genetic/ MIDDLE AGE/ *PEPTIDE HYDROLASES/ *TRYPSIN INHIBITORS, blood

2996. **Halatová A, Halata J:** Pi systém. I. Antiproteázová kapacita a možnosti jejího vyšetřování v preventivní a v klinické praxi u dětí.
Cesk Pediatr 28:233-6, 1973 (Cze)
CHILD/ ENGLISH ABSTRACT/ HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ INFANT, NEWBORN/ LIVER CIRRHOSIS, enzymology/ *METABOLISM, INBORN ERRORS, enzymology/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PULMONARY EMPHYSEMA, enzymology/ RESPIRATORY DISTRESS SYNDROME, enzymology/ *TRYPSIN INHIBITORS, metabolism

2997. **Halawa B, Frydecka I:** Aktywność proteolityczna limfocytów krwi ludzkiej oznaczana za pomocą kazeiny znakowanej jodem promieniotwórczym (I 131J.
Acta Haematol Pol 2:219-22, Jul-Sep 71 (Pol)
ADOLESCENCE/ ADULT/ *CASEIN, metabolism/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IODINE ISOTOPES/ *LYMPHOCYTES, enzymology/ MALE/ METHODS/ MIDDLE AGE/ *PEPTIDE HYDROLASES, blood/ STREPTOKINASE, metabolism

2998. **Halikas G, Bowers K:** Seasonal variation in blood viscosity of the hibernating arctic ground squirrel (Spermophilus undulatus plesius).
Comp Biochem Physiol [A] 44:677-81, 1 Feb 73
ANIMAL EXPERIMENTS/ BLOOD FLOW VELOCITY/ *BLOOD VISCOSITY/ COLD CLIMATE/ *HIBERNATION/ HUMAN/ SEASONS/ *SQUIRRELS/ TEMPERATURE

2999. **Halikas GC**: Cryorheology of reindeer blood.
Biorheology 9:105-13, Jun 72
ANIMAL EXPERIMENTS/ BLOOD FLOW VELOCITY/ *BLOOD VISCOSITY/ BODY TEMPERATURE/ CENTRIFUGATION/ CLIMATE/ COLD/ ERYTHROCYTES, analysis/ FIBRINOGEN, analysis/ HEMATOCRIT/ HUMAN/ *REINDEER, physiology/ RHEOLOGY/ TEMPERATURE/ TIME FACTORS

3000. **Halikas GC, Bowers K**: Seasonal variation in blood viscosity of the black bear (Ursus americanus).
Comp Biochem Physiol [A] 41:433-6, 1 Feb 72
ANIMAL EXPERIMENTS/ *BLOOD VISCOSITY/ *CARNIVORA/ HEMATOCRIT/ SEASONS/ TEMPERATURE

3001. **Halikas GC, Bowers K**: Fibrinogen concentration in reindeer blood.
Comp Biochem Physiol [A] 41:437-8, 1 Feb 72
ANIMAL EXPERIMENTS/ FEMALE/ *FIBRINOGEN, analysis/ MALE/ METHODS/ *REINDEER

3002. **Hall PK, Roberts RC**: Sedimentation equilibrium studies of human chymotrypsin II and bovine -chymotrypsin.
Arch Biochem Biophys 154:160-5, Jan 73
CALCIUM, pharmacodynamics/ CATS/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, analysis/ CHYMOTRYPSIN, antagonists & inhibitors/ CYSTINE, analysis/ DIALYSIS/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FREEZE DRYING/ HUMAN/ HYDROGEN-ION CONCENTRATION/ ISOLEUCINE, analysis/ MATHEMATICS/ MOLECULAR WEIGHT/ PANCREAS, enzymology/ ULTRACENTRIFUGATION

3003. **Hall RC, Hodge RL, Irvine R, et al**: The effect of aspirin on the response to endotoxin.
Aust J Exp Biol Med Sci 50:589-601, Oct 72
ANIMAL EXPERIMENTS/ *ASPIRIN, therapeutic use/ BIOLOGICAL ASSAY/ BLOOD CELL COUNT/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, secretion/ BLOOD PRESSURE, drug effects/ CATS/ CENTRAL VENOUS PRESSURE, drug effects/ DEPRESSION, CHEMICAL/ DOGS/ FEMALE/ HALF-LIFE/ MALE/ RATS/ SALICYLATES, blood/ SECRETORY RATE, drug effects/ SEROTONIN, blood/ SEROTONIN, secretion/ SHEEP/ *SHOCK, ENDOTOXIC, drug therapy/ STOMACH, drug effects

3004. **Hall RJ, Young C, Sutton GC, et al**: Treatment of acute massive pulmonary embolism by streptokinase during labour and delivery. Br Med J 4:647-9, 16 Dec 72
ACUTE DISEASE/ ADULT/ AMINOCAPROIC ACID, therapeutic use/ FEMALE/ FIBRINOLYSIS, drug effects/ HEMORRHAGE, POSTPARTUM, complications/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ *LABOR COMPLICATIONS/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, drug therapy/ PULMONARY EMBOLISM, complications/ *PULMONARY EMBOLISM, drug therapy/ *STREPTOKINASE, therapeutic use/ UTERINE INERTIA, complications

3005. **Hall RR, Beach AD, Hill DW**: Partial hepatectomy using a carbon-dioxide laser. Br J Surg 60:141-4, Feb 73
ANIMAL EXPERIMENTS/ CARBON DIOXIDE/ DOGS/ HEMOSTASIS/ *HEPATECTOMY/ *LASERS/ LASERS, instrumentation/ LIVER, pathology/ METHODS/ SUTURES/ WOUND HEALING

3006. **Hall SA, Rest JR, Linklater KA, et al**: Concurrent haemolytic disease of the newborn and thrombocytopenic purpura in piglets without artificial immunisation of the dam.
Vet Rec 91:677-8, 30 Dec 72
ANEMIA, veterinary/ ERYTHROBLASTOSIS, FETAL, complications/ *ERYTHROBLASTOSIS, FETAL, veterinary/ HEMORRHAGE, GASTROINTESTINAL, veterinary/ ISOANTIBODIES, analysis/ LYMPHADENITIS, veterinary/ PURPURA, THROMBOPENIC, complications/ *PURPURA, THROMBOPENIC, veterinary/ SWINE/ *SWINE DISEASES, immunology

3007. **Hallander HO, Laurell G, Löfström G**: Identification of penicillin-stimulated staphylococcal haemolysin as alpha-lysin.
Acta Pathol Microbiol Scand [B] 80:690-4, 1972
ANIMAL EXPERIMENTS/ ERYTHROCYTES/ GEL FILTRATION/ HEAT/ HEMOLYSINS, biosynthesis/ *HEMOLYSINS, isolation & purification/ IMMUNOELECTROPHORESIS/ MOLECULAR WEIGHT/ *PENICILLIN G, pharmacodynamics/ RABBITS/ STAPHYLOCOCCUS, drug effects/ *STAPHYLOCOCCUS, metabolism/ TRYPSIN

3008. **Hallböök T, Ling L**: Pitfalls in plethysmographic diagnosis of acute deep venous thrombosis.
J Cardiovasc Surg (Torino) 14:427-30, Jul-Aug 73
ACUTE DISEASE/ ADULT/ AGED/ DIAGNOSIS, DIFFERENTIAL/ EDEMA, diagnosis/ FEMALE/ FEMORAL HERNIA, surgery/ HEMATOMA, diagnosis/ HUMAN/ MALE/ PHLEBOGRAPHY/ *PLETHYSMOGRAPHY/ POSTOPERATIVE COMPLICATIONS/ *THROMBOPHLEBITIS, diagnosis/ VASCULAR DISEASES, diagnosis

3009. **Hallén O, Lindström J**: Suction flow drainage in head and neck surgery. A new principle for postoperative suction drainage.
Ann Otol Rhinol Laryngol 82:370-3, May-Jun 73
*DRAINAGE/ EVALUATION STUDIES/ HEAD, surgery/ HEMATOMA, prevention & control/ HUMAN/ INFECTION, prevention & control/ METHODS/ *NECK, surgery/ NECROSIS, prevention & control/ PAIN, prevention & control/ *POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ SURGERY, ORAL

3010. **Hallenbeck JM, Bove AA, Moquin RB, et al**: Accelerated coagulation of whole blood and cell-free plasma by bubbling in vitro.
Aerosp Med 44:712-4, Jul 73
ADULT/ *BLOOD COAGULATION/ *BLOOD COAGULATION TESTS/ CELL-FREE SYSTEM/ FACTOR XII, physiology/ GASES/ HUMAN/ MALE/ METHODS/ *PLASMA, physiology/ SILICONES/ SURFACE PROPERTIES

3011. **Hallowell P, Bland JH, Buckley MJ, et al**: Transfusion of fresh autologous blood in open-heart surgery. A method for reducing bank blood requirements.
J Thorac Cardiovasc Surg 64:941-8, Dec 72
BLOOD BANKS/ BLOOD COAGULATION TESTS/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION, AUTOLOGOUS/ BLOOD VOLUME DETERMINATION/ EXTRACORPOREAL CIRCULATION/ *HEART SURGERY/ HEMATOCRIT/ HUMAN/ INFUSIONS, PARENTERAL/ METHODS/ WATER-ELECTROLYTE BALANCE

3012. **Halonen M, Pinckard RN, Meng AL**: Characterization of IgE-induced systemic anaphylaxis in the rabbit, lack of correlation between the intravascular release of histamine and anaphylactic sensitivity.
J Immunol 111:331-40, Aug 73
*ANAPHYLAXIS, immunology/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *ANTIBODY FORMATION/ ANTIGEN-ANTIBODY COMPLEX/ ASCITIC FLUID, cytology/ BASOPHILS, immunology/ BINDING SITES, ANTIBODY/ BLOOD PLATELETS, immunology/ HISTAMINE LIBERATION/ *IGE, biosynthesis/ LEUKOCYTE COUNT/ PASSIVE CUTANEOUS ANAPHYLAXIS/ PERITONEUM, cytology/ PHENOTYPE/ RABBITS/ *SERUM ALBUMIN, BOVINE

3013. **Halsey JF, Harrington WF**: Substructure of paramyosin. Correlation of helix stability, trypsin digestion kinetics, and amino acid composition.
Biochemistry 12:693-701, Feb 73

AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHEMISTRY/ CLAMS/ DRUG STABILITY/ HEAT/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ KINETICS/ MEROMYOSINS, analysis/ MOLECULAR CONFORMATION/ *MYOSIN, analysis/ MYOSIN, isolation & purification/ OPTICAL ROTATION/ POLAROGRAPHY/ TRYPSIN/ ULTRACENTRIFUGATION/ VISCOSITY

3014. **Halski H, Dąbrowska M:** Zespół klippel-trenaunay'a u 14-letniego chłopca. Pediatr Pol 48:901-3, Jul 73 (Pol)
*ANGIOMATOSIS, diagnosis/ *BONE DISEASES, diagnosis/ LEG LENGTH INEQUALITY, surgery

3015. **Halstead SB, Shotwell H, Casals J:** Studies on the pathogenesis of dengue infection in monkeys. I. Clinical laboratory responses to primary infection. J Infect Dis 128:7-14, Jul 73
ANTIBODIES, VIRAL, analysis/ BLOOD CELL COUNT/ BLOOD PROTEINS, analysis/ CELL LINE/ COMPLEMENT, analysis/ COMPLEMENT FIXATION TESTS/ DENGUE, blood/ *DENGUE, etiology/ DENGUE, microbiology/ DENGUE, veterinary/ DENGUE VIRUS, analysis/ DENGUE VIRUS, isolation & purification/ *DISEASE MODELS, ANIMAL/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ KIDNEY/ LEUKOPENIA, etiology/ LYMPH NODES, pathology/ LYMPHOCYTOSIS, etiology/ *MACACA/ METHODS/ *MONKEY DISEASES/ MONKEYS/ PROTHROMBIN TIME/ TIME FACTORS/ VIRUS CULTIVATION

3016. **Halstead SB, Shotwell H, Casals J:** Studies on the pathogenesis of dengue infection in monkeys. II. Clinical laboratory responses to heterologous infection. J Infect Dis 128:15-22, Jul 73
ANTIBODIES, VIRAL, analysis/ ARBOVIRUS, immunology/ BLOOD CELL COUNT/ CHILD/ COMPLEMENT, analysis/ DENGUE, blood/ *DENGUE, etiology/ DENGUE, immunology/ DENGUE, microbiology/ DENGUE, pathology/ DENGUE, veterinary/ DENGUE VIRUS, analysis/ *DENGUE VIRUS, pathogenicity/ *DISEASE MODELS, ANIMAL/ EPIDEMIC HEMORRHAGIC FEVER, microbiology/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ HYPOPROTEINEMIA, etiology/ *MACACA/ MALE/ *MONKEY DISEASES/ MONKEYS/ PLAQUE ASSAY/ PROTHROMBIN TIME/ SHOCK, TOXIC, etiology/ THAILAND/ THROMBOPENIA, etiology/ TIME FACTORS

3017. **(Halsted WS):** The treatment of wounds with special reference to the value of the blood clot in the management of dead space. IV. Operations for carcinoma of the breast by William S. Halsted, M.D., reprinted from Johns Hopkins Hospital Reports, Vol. II, No. 5, 277-280, 1891. CA 23:96-8, Mar-Apr 73
AXILLA, surgery/ BLOOD COAGULATION/ *BREAST NEOPLASMS, history/ BREAST NEOPLASMS, surgery/ FEMALE/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HISTORY OF MEDICINE, 19TH CENT./ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ MASTECTOMY/ PECTORALIS MUSCLES, surgery/ *SURGERY, history

3018. **Halterman RH, Johnson GE, Leventhal BG:** Storage method for leukemia blast cells.
Natl Cancer Inst Monogr 37:149-51, Jun 73
BLOOD CELLS/ BLOOD PRESERVATION/ BONE MARROW CELLS/ FREEZING/ HUMAN/ *LEUKEMIA/ *LYMPHOCYTE TRANSFORMATION/ *TISSUE PRESERVATION

3019. **Halterman RH, Yanchulis E, Woodruff P, et al:** A method for removing leukocytes from stored blood. Transfusion 13:50-2, Jan-Feb 73
*BLOOD PRESERVATION/ BLOOD TRANSFUSION/ *LEUKOCYTES

3020. **Hamberg U:** Problems in evaluating the components of the kinin system.
Ann Chir Gynaecol Fenn 61:238-50, 1972 (46 ref.)
ANIMAL EXPERIMENTS/ BINDING SITES/ BLOOD COAGULATION FACTORS/ BLOOD PROTEINS/ BRADYKININ/ ENZYME ACTIVATION/ FIBRINOLYSIN/ FIBRINOLYSIS/ GUINEA PIGS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KALLIKREIN-TRYPSIN INACTIVATOR/ KININASE I, blood/ KININOGENS, blood/ KININS, blood/ *KININS, metabolism/ MUSCLE, SMOOTH, metabolism/ PANCREAS, enzymology/ PANCREAS, metabolism/ PANCREATITIS, blood/ PANCREATITIS, enzymology/ *PANCREATITIS, metabolism/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ PHOSPHOTRANSFERASES, blood/ PROTEIN PRECURSORS, blood/ *PROTEIN PRECURSORS, metabolism/ REVIEW

3021. **Hambleton G, Appleyard WJ:** Controlled trial of fresh frozen plasma in asphyxiated low birthweight infants.
Arch Dis Child 48:31-5, Jan 73
ASPHYXIA NEONATORUM, blood/ ASPHYXIA NEONATORUM, drug therapy/ *ASPHYXIA NEONATORUM, therapy/ BIRTH WEIGHT/ BLOOD COAGULATION TESTS/ BLOOD PRESERVATION/ CEREBRAL HEMORRHAGE, prevention & control/ FREEZING/ GESTATIONAL AGE/ HUMAN/ INFANT, NEWBORN/ INFANT, PREMATURE/ INFUSIONS, PARENTERAL/ *PLASMA/ PROTHROMBIN TIME/ VITAMIN K, therapeutic use

3022. **Hamblin TJ:** Mononucleosis and the miniskirt: an incompatible combination. Br Med J 4:708-9, 23 Dec 72
ADULT/ AGGLUTININS/ AUTOANTIBODIES/ CASE REPORT/ *CLOTHING/ COLD/ FEMALE/ HEMORRHAGIC DIATHESIS, complications/ HUMAN/ *INFECTIOUS MONONUCLEOSIS, complications/ *SKIN MANIFESTATIONS

3023. **Hamer JD:** Experimental arterial embolism: a study using scanning electron microscopy to identify changes in luminal surface ultrastructure after exposure to implanted emboli.
Surgery 73:500-6, Apr 73
ANIMAL EXPERIMENTS/ BLOOD PLATELETS/ *CAROTID ARTERIES, pathology/ DOGS/ *EMBOLISM, pathology/ EMBOLISM, surgery/ ENDOTHELIUM, pathology/ *FEMORAL ARTERY, pathology/ FIBRIN/ LEG, blood supply/ MICROSCOPY, ELECTRON, SCANNING/ THROMBOPHLEBITIS/ THROMBOSIS, pathology/ TIME FACTORS/ VASA VASORUM, pathology

3024. **Hamer JD, Ashton F, Meynell MJ:** Factors influencing prognosis in the surgery of peripheral vascular disease: platelet adhesiveness, plasma fibrinogen, and fibrinolysis. Br J Surg 60:386-9, May 73
AORTA, surgery/ *ARTERIOSCLEROSIS, surgery/ BLOOD VESSEL PROSTHESIS/ COLORIMETRY/ FEMORAL ARTERY, surgery/ *FIBRINOGEN, analysis/ *FIBRINOLYSIS/ FOLLOW-UP STUDIES/ HEPARIN/ HUMAN/ ILIAC ARTERY, surgery/ MIDDLE AGE/ *PLATELET ADHESIVENESS/ POPLITEAL ARTERY, surgery/ *POSTOPERATIVE COMPLICATIONS, occurrence/ RETROSPECTIVE STUDIES/ SERUM GLOBULINS/ TRANSPLANTATION, AUTOLOGOUS/ VEINS, transplantation

3025. **Hamilton PJ, Dawson AA:** Thrombocytopenic purpura as the sole manifestation of a recurrence of Hodgkin's disease. J Clin Pathol 26:70-2, Jan 73
ADULT/ *HODGKIN'S DISEASE, complications/ HODGKIN'S DISEASE, diagnosis/ HODGKIN'S DISEASE, immunology/ HODGKIN'S DISEASE, pathology/ HODGKIN'S DISEASE, surgery/ HUMAN/ MALE/ *PURPURA, THROMBOPENIC, etiology/ PURPURA, THROMBOPENIC, immunology/ PURPURA, THROMBOPENIC, surgery/ RECURRENCE/ SPLEEN, pathology/ SPLENECTOMY

3026. **Hamilton WM, Nemir P Jr:** The humoral factor in

pulmonary embolism. Arch Surg 105:593-8, Oct 72
ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ CARDIAC OUTPUT, drug effects/ DOGS/ HISTAMINE, pharmacodynamics/ HYPERTENSION, PULMONARY, chemically induced/ LUNG/ LUNG, blood supply/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PULMONARY ARTERY, physiology/ *PULMONARY EMBOLISM, metabolism/ PULMONARY VEINS, physiology/ SEROTONIN, pharmacodynamics/ *TISSUE EXTRACTS, pharmacodynamics/ VASCULAR RESISTANCE, drug effects

3027. **Hamiadji RM, Belhani M, Irunberry J, et al:** Taux du complément sérique dans la maladie de Hodgkin.
Nouv Rev Fr Hematol 12:673-81, Sep-Oct 72 (Fre)
ADOLESCENCE/ ADULT/ ALPHA GLOBULIN, analysis/ BLOOD CELL COUNT/ BODY TEMPERATURE/ CERULOPLASMIN, analysis/ CHILD/ *COMPLEMENT, analysis/ ENGLISH ABSTRACT/ FEMALE/ FIBRIN, analysis/ GEL DIFFUSION TESTS/ HODGKIN'S DISEASE, blood/ *HODGKIN'S DISEASE, immunology/ HUMAN/ IMMUNOELECTROPHORESIS/ IRON, blood/ LEUKOCYTES/ MALE/ MIDDLE AGE/ REMISSION/ SPECTROPHOTOMETRY/ TUBERCULIN TEST

3028. **Hampel H, Hofrichter G:** Venenverschluss-Segment-Plethysmographie am wachen Hund.
Arzneim Forsch 22:1937-43, Nov 72 (Ger)
AESCULUS, pharmacodynamics/ AMINO ALCOHOLS/ ANIMAL EXPERIMENTS/ DOGS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ ERGOTAMINE, pharmacodynamics/ FORELIMB, blood supply/ MALE/ MATHEMATICS/ METHODS/ PHENETHYLAMINES, pharmacodynamics/ *PLETHYSMOGRAPHY/ PLETHYSMOGRAPHY, instrumentation/ REGIONAL BLOOD FLOW, drug effects/ TIME FACTORS/ VEINS, drug effects/ VENOUS PRESSURE, drug effects/ WAKEFULNESS

3029. **Hamperl H:** Hämangiome der menschlichen Mamma. Beiträge zur pathologischen Histologie der Mamma. V.
Geburtshilfe Frauenheilkd 33:13-7, Jan 73 (Ger)
*ANGIOSARCOMA, pathology/ BIOPSY/ *BREAST NEOPLASMS, pathology/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, pathology/ HUMAN/ MASTECTOMY/ MIDDLE AGE

3030. **Hampson WG:** Venous obstruction by anterior dislocation of the hip-joint. Injury 4:69-73, Aug 72
ACCIDENTS, INDUSTRIAL/ ACCIDENTS, TRAFFIC/ ADOLESCENCE/ AUTOPSY/ FEMORAL ARTERY/ FEMORAL VEIN/ *HEMATOMA, etiology/ *HIP DISLOCATION, complications/ HIP DISLOCATION, surgery/ HUMAN/ MALE/ MIDDLE AGE/ PHLEBOGRAPHY/ *THROMBOSIS, etiology

3031. **Hampton JR, Harrison MJ, Honour AJ, et al:** Assessment of antithrombotic agents: effects of dipyridamole analogues on platelet behaviour.
Cardiovasc Res 6:696-701, Nov 72
ADENOSINE DIPHOSPHATE, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ *BLOOD PLATELETS, drug effects/ CEREBRAL ARTERIES, injuries/ *DIPYRIDAMOLE, pharmacodynamics/ ELECTROPHORESIS/ ETHYLAMINES, pharmacodynamics/ MORPHOLINES, pharmacodynamics/ NOREPINEPHRINE, antagonists & inhibitors/ PIPERAZINES, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ PYRIMIDINES, pharmacodynamics/ RABBITS/ STRUCTURE-ACTIVITY RELATIONSHIP/ THIOPHENES, pharmacodynamics/ THROMBOSIS, prevention & control

3032. **Hampton JR, Nicholls DG, Mitchell JR:** Evidence for two separate effects of adenosine diphosphate on human platelets.
Thromb Diath Haemorrh 28:419-30, 31 Dec 72
ADENOSINE DIPHOSPHATE, antagonists & inhibitors/ *ADENOSINE DIPHOSPHATE, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, physiology/ CELL MOVEMENT, drug effects/ CYANIDES, pharmacodynamics/ ELECTROPHORESIS/ HUMAN/ LECITHINS, pharmacodynamics/ MYOCARDIAL INFARCT, blood/ PLASMA/ POTASSIUM, pharmacodynamics

3033. **Hampton JR, Nicholls DG:** Effect of detergents on platelet electrophoresis and aggregation, and the possible relation of plasma surface activity to thrombosis.
Thromb Diath Haemorrh 28:408-18, 31 Dec 72
ADENOSINE DIPHOSPHATE, blood/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ARTERIES/ *BLOOD PLATELETS, drug effects/ CELL MOVEMENT, drug effects/ CETYLPYRIDINIUM, pharmacodynamics/ DETERGENTS, antagonists & inhibitors/ *DETERGENTS, pharmacodynamics/ ELECTROPHORESIS/ HUMAN/ IONS/ NOREPINEPHRINE, pharmacodynamics/ PLASMA/ *PLATELET ADHESIVENESS, drug effects/ SURFACE TENSION/ THROMBOSIS, physiopathology/ VASCULAR DISEASES, blood

3034. **Hampton JW, Garrison D, Morton RO, et al:** Hereditary aspects of fibrin cross-linking.
Ann NY Acad Sci 202:204-12, 8 Dec 72
BLOOD COAGULATION/ BLOOD PLATELETS, enzymology/ CADAVERINE/ CHILD/ CROSS REACTIONS/ DANSYL COMPOUNDS/ ENZYME ACTIVATION, drug effects/ FACTOR XIII, analysis/ FACTOR XIII DEFICIENCY, complications/ *FACTOR XIII DEFICIENCY, familial & genetic/ FEMALE/ *FIBRIN, physiology/ GEL DIFFUSION TESTS/ GLUTAMINE/ HEMATOMA, complications/ HEMORRHAGE, complications/ HETEROZYGOTE/ HUMAN/ IMMUNOELECTROPHORESIS/ MALE/ POLYMORPHISM (GENETICS)/ PREGNANCY/ TRANSFERASES, blood/ UMBILICAL CORD

3035. **Hampton TR, Pugh PD:** The Waterhouse-Friderichsen syndrome and its orthopaedic consequences.
J R Nav Med Serv 58:95-103, Summer 72
ADOLESCENCE/ *GANGRENE, complications/ GANGRENE, surgery/ HEPARIN, therapeutic use/ HUMAN/ HYDROCORTISONE, therapeutic use/ MALE/ *WATERHOUSE-FRIDERICHSEN SYNDROME, complications/ WATERHOUSE-FRIDERICHSEN SYNDROME, drug therapy

3036. **Han IH, Johnson AG, Cook J, et al:** Comparative biological activity of endotoxin and synthetic polyribonucleotides.
J Infect Dis 128:Suppl:232-7, Jul 73
*ADJUVANTS, IMMUNOLOGIC/ ANIMAL EXPERIMENTS/ ANTIGENS, BACTERIAL/ *ENDOTOXINS/ GRAM NEGATIVE BACTERIA/ IMMUNITY, CELLULAR/ LYMPHOCYTES/ POLY A-U, toxicity/ POLY I-C, toxicity/ RATS/ *RIBONUCLEOTIDES/ SHWARTZMAN PHENOMENON/ THORACIC DUCT, cytology

3037. **Han SH, Weiser RS, Lin YC:** Transformation of leprous lymphocytes by leprolin, tuberculin and phytohemagglutinin. Int J Lepr 39:789-95, Oct-Dec 71
ANTIGENS, BACTERIAL/ HUMAN/ LEPROMIN, pharmacodynamics/ *LEPROSY, immunology/ *LYMPHOCYTE TRANSFORMATION/ *MYCOBACTERIUM LEPRAE, immunology/ *PLANT AGGLUTININS, pharmacodynamics/ REMISSION/ TISSUE EXTRACTS/ TRYPSIN, pharmacodynamics/ *TUBERCULIN, pharmacodynamics/ TUBERCULOSIS, PULMONARY, immunology

3038. **Hanahan DJ, Rolfs MR, Day WC:** Observations on the Factor V activator present in Russell's viper venom and its action on Factor V.
Biochim Biophys Acta 286:205-11, 24 Nov 72

CATTLE/ DRUG STABILITY/ *FACTOR V, metabolism/ GEL FILTRATION/ HEAT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ PHOSPHOLIPASE, metabolism/ *SNAKES/ STIMULATION, CHEMICAL/ *VENOMS, pharmacodynamics

3039. **Hand R, Tamm I:** Reovirus: effect of noninfective viral components on cellular deoxyribonucleic acid synthesis. J Virol 11:223-31, Feb 73
CENTRIFUGATION, DENSITY GRADIENT/ CENTRIFUGATION, ZONAL/ CHYMOTRYPSIN/ DACTINOMYCIN/ DNA, antagonists & inhibitors/ *DNA, biosynthesis/ DNA REPLICATION/ GEL FILTRATION/ L CELLS/ MICE/ *NUCLEOPROTEINS, pharmacodynamics/ PLAQUE ASSAY/ RADIATION EFFECTS/ *REOVIRUS/ REOVIRUS, isolation & purification/ REOVIRUS, radiation effects/ RNA, biosynthesis/ RNA, VIRAL, isolation & purification/ *RNA, VIRAL, pharmacodynamics/ THYMIDINE, metabolism/ TRITIUM/ ULTRAVIOLET RAYS/ VIRAL PROTEINS, isolation & purification/ *VIRAL PROTEINS, pharmacodynamics

3040. **Handin RI, Piessens WF, Moloney WC:** Stimulation of nonimmunized lymphocytes by platelet-antibody complexes in idiopathic thrombocytopenic purpura. N Engl J Med 289:714-8, 4 Oct 73
ANTIBODIES, analysis/ *ANTIGEN-ANTIBODY COMPLEX/ AUTOANTIBODIES, analysis/ BLOOD CELL COUNT/ *BLOOD PLATELETS, immunology/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CYCLOPHOSPHAMIDE, therapeutic use/ DNA, biosynthesis/ GEL DIFFUSION TESTS/ HUMAN/ IGG, analysis/ IMMUNOELECTROPHORESIS/ LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ *LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES, immunology/ LYMPHOCYTES, metabolism/ PURPURA, THROMBOPENIC, blood/ PURPURA, THROMBOPENIC, drug therapy/ *PURPURA, THROMBOPENIC, immunology/ PURPURA, THROMBOPENIC, therapy/ SPLENECTOMY/ THYMIDINE, metabolism/ TRITIUM

3041. **Handin RI, Valeri CR:** Improved viability of previously frozen platelets. Blood 40:509-13, Oct 72
BLOOD CELL COUNT/ *BLOOD PLATELETS/ *BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ CELL SURVIVAL/ CHROMIUM ISOTOPES/ CRYOPROTECTIVE AGENTS/ DIMETHYL SULFOXIDE/ FREEZING/ HUMAN/ MICROSCOPY, PHASE CONTRAST

3042. **Handley AJ:** Low-dose heparin after myocardial infarction. Lancet 2:623-4, 23 Sep 72
AGE FACTORS/ AGED/ FEMALE/ FOLLOW-UP STUDIES/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ LEG, blood supply/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, complications/ *MYOCARDIAL INFARCT, drug therapy/ PULMONARY EMBOLISM, prevention & control/ *THROMBOPHLEBITIS, prevention & control/ THROMBOSIS, prevention & control

3043. **Hankins JR, Attar S, Turney SZ, et al:** Differential diagnosis of pulmonary parenchymal changes in thoracic trauma. Am Surg 39:309-18, Jun 73
ADOLESCENCE/ ADULT/ ATELECTASIS, diagnosis/ BRONCHI, injuries/ CONTUSIONS, diagnosis/ CONTUSIONS, radiography/ DIAGNOSIS, DIFFERENTIAL/ EMBOLISM, FAT, diagnosis/ EMBOLISM, FAT, radiography/ FEMALE/ HEMATOMA, diagnosis/ HUMAN/ *LUNG, injuries/ MALE/ PNEUMOTHORAX, diagnosis/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, radiography/ RUPTURE/ *THORACIC INJURIES, complications

3044. **Hann HW, Coyne VZ, London WT, et al:** Factors affecting survival in patients with cancer of the breast. A preliminary study.
Res Commun Chem Pathol Pharmacol 5:593-602, May 73
ABO FACTORS/ AGE FACTORS/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *BREAST NEOPLASMS, diagnosis/ FEMALE/ HUMAN/ LEUKOCYTE COUNT/ MENOPAUSE/ MENSTRUATION/ PARITY/ PROGNOSIS/ TIME FACTORS

3045. **Hansen OH, Henriksen PB:** The electro-encephalogram in patients with post-traumatic fat embolism. Injury 4:61-4, Aug 72
ADULT/ AGED/ BLOOD TRANSFUSION/ CHLORPROMAZINE, therapeutic use/ DEXTRAN, therapeutic use/ DYSPNEA, etiology/ *ELECTROENCEPHALOGRAPHY/ *EMBOLISM, FAT, diagnosis/ *EMBOLISM, FAT, etiology/ FEMALE/ FOLLOW-UP STUDIES/ *FRACTURES, complications/ HEMORRHAGE, etiology/ HEPARIN, therapeutic use/ HUMAN/ *LIPIDS, urine/ MALE/ MIDDLE AGE/ SERUM ALBUMIN, therapeutic use/ THORAX, radiography

3046. **Hansen RC, Castellino RA, Lazerson J, et al:** Mesenteric hemangioendothelioma with thrombocytopenia. Report with arteriographic findings.
Cancer 32:136-41, Jul 73
AORTOGRAPHY/ CASE REPORT/ FEMALE/ *HEMANGIOENDOTHELIOMA, complications/ HEMANGIOENDOTHELIOMA, radiography/ HEMANGIOENDOTHELIOMA, radiotherapy/ HUMAN/ INFANT/ MESENTERIC ARTERIES, radiography/ *MESENTERY/ *PERITONEAL NEOPLASMS, complications/ PERITONEAL NEOPLASMS, radiography/ PERITONEAL NEOPLASMS, radiotherapy/ *THROMBOPENIA, complications

3047. **Hanson EL, Bartlett RH, Burns NE, et al:** Prolonged use of a membrane oxygenator in air-breathing and hypoxic lambs. I. Venovenous bypass.
Surgery 73:284-98, Feb 73
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *ANOXIA, therapy/ ATELECTASIS, etiology/ BILIRUBIN, blood/ BLOOD PLATELETS/ BLOOD PRESSURE/ BLOOD UREA NITROGEN/ CARBON DIOXIDE, blood/ CREATININE, blood/ DEHYDRATION, etiology/ EXTRACORPOREAL CIRCULATION/ *HEART, MECHANICAL, instrumentation/ HEMOGLOBINOMETRY/ KIDNEY FUNCTION TESTS/ LACTATES, blood/ LEUKOCYTES/ *MEMBRANES, ARTIFICIAL/ OXYGEN, blood/ POTASSIUM, blood/ SHEEP/ SODIUM, blood

3048. **Hansson R:** Heparin-induced increase of diamine oxidase-histaminase(EC 1.4.3.6.) in blood and lymph.
Scand J Clin Lab Invest 31:Suppl 129:1-23, 1973
ANAPHYLAXIS, enzymology/ ANIMAL EXPERIMENTS/ BLISTER, enzymology/ DOSE-RESPONSE RELATIONSHIP, DRUG/ EXUDATES AND TRANSUDATES, enzymology/ GASTRIC ACIDITY DETERMINATION, secretion/ GUINEA PIGS/ HEPARIN, administration & dosage/ *HEPARIN, pharmacodynamics/ HISTAMINASE, analysis/ *HISTAMINASE, blood/ HISTAMINE LIBERATION/ HUMAN/ INJECTIONS, INTRAVENOUS/ INTESTINES, enzymology/ LYMPH, enzymology/ PLACENTA, enzymology/ RABBITS/ RATS/ SPECIES SPECIFICITY/ STIMULATION, CHEMICAL/ TIME FACTORS

3049. **Hany A:** Neue pathogenetische und therapeutische Aspekte obstruktiver Lungenerkrankungen.
Schweiz Med Wochenschr 103:645-8, 28 Apr 73 (Ger)
AEROSOLS/ AGED/ AIRWAY OBSTRUCTION, complications/ ANTIBIOTICS, therapeutic use/ *BRONCHITIS/ BRONCHITIS, blood/ BRONCHITIS, drug therapy/ BRONCHITIS, etiology/ BRONCHODILATOR AGENTS, administration & dosage/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ PROSTAGLANDINS, administration & dosage/ *PULMONARY EMPHYSEMA/ PULMONARY

EMPHYSEMA, blood/ PULMONARY EMPHYSEMA, drug therapy/ PULMONARY EMPHYSEMA, etiology/ TRYPSIN INHIBITORS, blood

3050. **Hanzlick J, Bosseckert H, Kröhne HJ, et al:** Verhalten des alpha1-Antitrypsins bei rheumatischen Erkrankungen.
Z Gesamte Inn Med 28:430-7, 15 Jul 73 (Ger)
ADULT/ AGED/ ANTINUCLEAR FACTORS, analysis/ *ARTHRITIS, RHEUMATOID, blood/ ARTHRITIS, RHEUMATOID, diagnosis/ ARTHRITIS, RHEUMATOID, drug therapy/ BLOOD DONORS/ BLOOD SEDIMENTATION/ C-REACTIVE PROTEIN, analysis/ ENGLISH ABSTRACT/ FEMALE/ GEL DIFFUSION TESTS/ HUMAN/ LATEX FIXATION TESTS/ MALE/ MIDDLE AGE/ RHEUMATOID FACTOR, analysis/ *TRYPSIN INHIBITORS, blood

3051. **Hanzlik J, Tomaszewski J, Lopatyński J, et al:** Badania nad składem chemicznym ściany naczyniowej. XII. Glikozoaminoglikany ściany tętnicy głównej królika po podaniu diety miażdżycorodnej i wywołaniu cukrzycy aloksanowej.
Pol Arch Med Wewn 50:755-61, Aug 73 (Pol)
*ALLOXAN DIABETES, metabolism/ ANIMAL EXPERIMENTS/ *AORTA, analysis/ DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ *MUCOPOLYSACCHARIDES, analysis/ RABBITS

3052. **Harbury CB, Hershgold JE, Schrier SL:** Requirements for aggregation of washed human platelets suspended in buffered salt solutions.
Thromb Diath Haemorrh 28:2-13, 31 Aug 72
ADENOSINE DIPHOSPHATE, pharmacodynamics/ BUFFERS/ CALCIUM, pharmacodynamics/ CELL MEMBRANE, drug effects/ EPINEPHRINE, pharmacodynamics/ FIBRINOGEN, pharmacodynamics/ HUMAN/ *PLATELET ADHESIVENESS/ PLATELET ADHESIVENESS, drug effects/ SEROTONIN, pharmacodynamics/ THROMBIN, pharmacodynamics

3053. **Hardaway RM:** Shock lung. Int Surg 58:308-10, May 73
ADOLESCENCE/ ADULT/ AGED/ ANIMAL EXPERIMENTS/ BLOOD TRANSFUSION, adverse effects/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DOGS/ FEMALE/ HEART FAILURE, CONGESTIVE, complications/ HEMODYNAMICS, drug effects/ HUMAN/ LUNG, injuries/ MALE/ MIDDLE AGE/ OSMOLAR CONCENTRATION/ OXYGEN, therapeutic use/ OXYGEN, toxicity/ PHENOXYBENZAMINE, therapeutic use/ PULMONARY SURFACTANT, metabolism/ RESPIRATORS, adverse effects/ RESPIRATORY TRACT DISEASES, complications/ SHOCK, drug therapy/ *SHOCK, etiology/ SHOCK, HEMORRHAGIC

3054. **Hardaway RM 3d:** Disseminated intravascular coagulation as a possible cause of acute respiratory failure. Surg Gynecol Obstet 137:419-23, Sep 73
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ *ANOXIA, etiology/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DOGS/ EMBOLISM, FAT, complications/ HUMAN/ LUNG, pathology/ OXYGEN/ PARTIAL PRESSURE/ *RESPIRATORY INSUFFICIENCY, etiology/ SHOCK, complications/ SHOCK, HEMORRHAGIC, pathology/ SHOCK, TOXIC, pathology

3055. **Harden AF, North IM:** The continuous suture in cataract surgery and its effect on intraocular pressure. Br J Ophthalmol 56:887-91, Dec 72
*CATARACT, surgery/ CHYMOTRYPSIN/ CILIARY BODY/ HUMAN/ *INTRAOCULAR PRESSURE/ LENS, CRYSTALLINE/ *SUTURE TECHNICS/ TIME FACTORS

3056. **Harding CV, Harding D, Peters V, et al:** Epithelial cell surfaces and the basement membrane in the ocular lens, studied with the scanning electron microscope.
Exp Eye Res 16:1-7, Jun 73
ANIMAL EXPERIMENTS/ BASEMENT MEMBRANE/ CLOSTRIDIOPEPTIDASE A/ EPITHELIAL CELLS/ FISHES/ *LENS, CRYSTALLINE, cytology/ MICROSCOPY, ELECTRON, SCANNING/ TRYPSIN

3057. **Harding JJ:** Conformational changes in human lens proteins in cataract. Biochem J 129:97-100, Aug 72
AMINO ACIDS, analysis/ CARBON ISOTOPES/ *CATARACT, metabolism/ *CRYSTALLINS, metabolism/ GEL FILTRATION/ HUMAN/ ISOELECTRIC FOCUSING/ METHANE/ NITRO COMPOUNDS/ PROTEIN CONFORMATION/ SULFHYDRYL COMPOUNDS/ TRYPSIN/ TYROSINE

3058. **Hardingham M, Hulbert MH, Walsh-Waring GP:** Treatment of advanced carcinoma of the head and neck with a combination of high-dose infusions of methotrexate (NSC-740) and radiotherapy: a preliminary report on eleven cases.
Cancer Chemother Rep 56:745-50, Dec 72
AGED/ BLOOD PLATELETS, drug effects/ CARCINOMA, EPIDERMOID, drug therapy/ CARCINOMA, EPIDERMOID, radiotherapy/ *CARCINOMA, EPIDERMOID, therapy/ CITROVORUM FACTOR, therapeutic use/ FEMALE/ *HEAD/ HEMATOCRIT/ HEMOGLOBIN, analysis/ HUMAN/ LARYNGEAL NEOPLASMS, drug therapy/ LEUKOCYTE COUNT/ MALE/ METHOTREXATE, therapeutic use/ *METHOTREXATE, therapeutic use/ MIDDLE AGE/ NECK NEOPLASMS, drug therapy/ NECK NEOPLASMS, radiotherapy/ *NECK NEOPLASMS, therapy

3059. **Hardisty RM:** Haemostatic functions of platelets and their disorders. Sci Basis Med 222-37, 1972 (55 ref.)
ADENINE, metabolism/ ADENOSINE, metabolism/ ADENOSINE DIPHOSPHATE/ ADENOSINE TRIPHOSPHATE/ AFIBRINOGENEMIA, congenital/ ASPIRIN, pharmacodynamics/ BLOOD COAGULATION DISORDERS, congenital/ *BLOOD PLATELET DISORDERS, physiopathology/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, physiology/ CARBON ISOTOPES/ *HEMOSTASIS/ HUMAN/ MICROSCOPY, ELECTRON/ PHOSPHATES, metabolism/ PHOSPHORUS ISOTOPES/ PLATELET ADHESIVENESS/ REVIEW

3060. **Hardisty RM, Mills DC:** The platelet defect associated with albinism. Ann NY Acad Sci 201:429-36, 27 Oct 72
ADENINE NUCLEOTIDES, blood/ ADULT/ *ALBINISM, blood/ BLOOD PLATELETS, enzymology/ BLOOD TRANSFUSION/ CARBON ISOTOPES/ CONTRACEPTIVES, ORAL, therapeutic use/ EPINEPHRINE, metabolism/ FEMALE/ GLUCOSAMINIDASE, blood/ GLUCURONIDASE, blood/ HUMAN/ MENORRHAGIA, drug therapy/ *PLATELET ADHESIVENESS/ SEROTONIN, metabolism

3061. **Hardisty RM, Mills DC, Ketsa-Ard K:** The platelet defect associated with albumism.
Br J Haematol 23:679-92, Dec 72
ADENINE NUCLEOTIDES, metabolism/ ADENOSINE DIPHOSPHATE/ ADULT/ ALBINISM, blood/ *ALBINISM, complications/ BLOOD COAGULATION TESTS/ *BLOOD PLATELET DISORDERS, complications/ BLOOD PLATELETS, metabolism/ COLLAGEN/ EPINEPHRINE, metabolism/ FEMALE/ GLUCOSAMINIDASE/ GLUCURONIDASE/ HEMOSTASIS/ HUMAN/ SEROTONIN, metabolism/ THROMBIN/ TRITIUM/ VISION DISORDERS, complications

3062. **Harker LA, Slichter SJ:** Platelet and fibrinogen consumption in man.
N Engl J Med 287:999-1005, 16 Nov 72
BLOOD CELL COUNT/ *BLOOD PLATELETS/ BLOOD PLATELETS, metabolism/ CATHETERIZATION/ CELL SURVIVAL/ DIPYRIDAMOLE, pharmacodynamics/ *DISSEMINATED INTRAVASCULAR

COAGULATION, blood/ FEMALE/ *FIBRINOGEN/ FIBRINOGEN, metabolism/ FIBRINOLYTIC AGENTS, pharmacodynamics/ HEART VALVE PROSTHESIS/ HEMOLYTIC-UREMIC SYNDROME, blood/ HEPARIN, pharmacodynamics/ HUMAN/ INFLAMMATION, blood/ NEOPLASMS, blood/ POSTOPERATIVE COMPLICATIONS/ PURPURA, THROMBOTIC THROMBOPENIC, blood/ SEPTICEMIA, blood/ SURGERY, OPERATIVE/ THROMBOEMBOLISM, blood/ THROMBOPHLEBITIS, blood/ THROMBOSIS, blood/ VASCULAR DISEASES, blood

3063. Harkness DR: The regulation of hemoglobin oxygenation.
Adv Intern Med 17:189-214, 1971 (108 ref.)
ACID-BASE EQUILIBRIUM/ ADAPTATION, PHYSIOLOGICAL/ ANEMIA, metabolism/ ANEMIA, SICKLE CELL, metabolism/ ANOXIA, metabolism/ BINDING SITES/ BLOOD PRESERVATION/ DIPHOSPHOGLYCERIC ACIDS, metabolism/ ERYTHROCYTES, enzymology/ ERYTHROCYTES, metabolism/ ERYTHROPOIESIS/ FETAL HEMOGLOBIN, metabolism/ GLYCERIC ACIDS, biosynthesis/ *GLYCERIC ACIDS, metabolism/ *HEMOGLOBIN, metabolism/ HEMOGLOBINS, ABNORMAL, metabolism/ HUMAN/ ORGANOPHOSPHORUS COMPOUNDS, biosynthesis/ ORGANOPHOSPHORUS COMPOUNDS, metabolism/ *OXYGEN, metabolism/ PHOSPHATES, metabolism/ PHOSPHOGLYCERATE KINASE, metabolism/ PHOSPHOTRANSFERASES, metabolism/ PROTEIN BINDING/ REVIEW

3064. Harms D, Pape GR, Bohle A: Pathologische Anatomie des Waterhouse-Friderichsen-Syndroms unter besonderer Berücksichtigung der disseminierten intravaskulären Koagulation.
Dtsch Med Wochenschr 98:542-7, 16 Mar 73 (Ger)
ADOLESCENCE/ ADRENAL GLANDS, pathology/ ADULT/ BLOOD PLATELETS/ CHILD/ CHILD, PRESCHOOL/ CHOROID PLEXUS, pathology/ *DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ ENGLISH ABSTRACT/ FEMALE/ HAEMOPHILUS INFLUENZAE, isolation & purification/ HEMORRHAGE/ HEMORRHAGIC DIATHESIS, pathology/ HUMAN/ INFANT/ INFANT, NEWBORN/ KIDNEY, pathology/ LIVER, pathology/ LUNG, pathology/ MALE/ MENINGITIS, complications/ MIDDLE AGE/ NEISSERIA MENINGITIDIS, isolation & purification/ SHWARTZMAN PHENOMENON, pathology/ SKIN, pathology/ THROMBOSIS, pathology/ WATERHOUSE-FRIDERICHSEN SYNDROME, complications/ *WATERHOUSE-FRIDERICHSEN SYNDROME, pathology

3065. Harms K: Das Malabsorptionssyndrom im Kindesalter.
Med Klin 68:163-9, 9 Feb 73 (33 ref.) (Ger)
ABETALIPOPROTEINEMIA, complications/ ACRODERMATITIS, complications/ ACUTE DISEASE/ AGE FACTORS/ AMINO ACID METABOLISM, INBORN ERRORS, complications/ CELIAC DISEASE, diagnosis/ CELIAC DISEASE, therapy/ CHILD/ CHLORIDES/ CYSTIC FIBROSIS, complications/ DIARRHEA, familial & genetic/ DIET THERAPY/ ENTERITIS, complications/ FOOD HYPERSENSITIVITY, diagnosis/ HUMAN/ LACTOSE INTOLERANCE, diagnosis/ *MALABSORPTION SYNDROMES/ MALABSORPTION SYNDROMES, etiology/ METABOLISM, INBORN ERRORS, complications/ MILK/ PEPTIDE PEPTIDOHYDROLASES/ REVIEW/ VITAMIN B 12, metabolism

3066. Harms P: Behandlungserfahrungen mit Reparil nach frischen Unfallverletzungen.
Z Allgemeinmed 49:126-8, 31 Jan 73 (Ger)
*AESCULUS, therapeutic use/ CLINICAL RESEARCH/ EDEMA, drug therapy/ FRACTURES, surgery/ HUMAN/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ SAPONINS, therapeutic use/ *WOUNDS AND INJURIES, surgery

3067. Harnisch H: Praxisnahe Blutstillung in der Zahnheilkunde. ZWR 82:124-6 passim, 10 Feb 73 (Ger)
*ALCOHOLS, therapeutic use/ ALCOHOLS, BUTYL/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ *HEMORRHAGE, ORAL, drug therapy/ *HEMOSTATICS, therapeutic use/ RABBITS

3068. Harpel PC: Studies on human plasma alpha 2-macroglobulin-enzyme interactions. Evidence for proteolytic modification of the subunit chain structure. J Exp Med 138:508-21, 1 Sep 73
CHEMISTRY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FIBRINOLYSIN/ FIBRINOLYTIC AGENTS/ HUMAN/ KALLIKREIN/ *MACROGLOBULINS/ MACROGLOBULINS, isolation & purification/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES/ PROTEIN BINDING/ SODIUM DODECYL SULFATE/ THROMBIN/ TRYPSIN

3069. Harpel PC, Mosesson MW: Degradation of human fibrinogen by plasma alpha2-macroglobulin-enzyme complexes. J Clin Invest 52:2175-84, Sep 73
ACETIC ACIDS/ AMINOCAPROIC ACID, pharmacodynamics/ ANTIBODIES/ ARGININE/ BENZOATES/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ESTERASES, metabolism/ FIBRINOGEN, isolation & purification/ *FIBRINOGEN, metabolism/ FIBRINOLYSIN, antagonists & inhibitors/ FIBRINOLYSIN, metabolism/ FIBRINOLYTIC AGENTS, pharmacodynamics/ GEL FILTRATION/ GLYCINE/ HUMAN/ IMMUNOELECTROPHORESIS/ LYSINE/ *MACROGLOBULINS/ MACROGLOBULINS, isolation & purification/ PLASMINOGEN/ STREPTODORNASE AND STREPTOKINASE, pharmacodynamics/ TOSYL COMPOUNDS/ TRYPSIN INHIBITORS, pharmacodynamics

3070. Harris C: Pain in haemophilia.
Lancet 1:1056-7, 12 May 73
*ANALGESICS AND ANTIPYRETICS, therapeutic use/ *DRUG ABUSE/ *HEMOPHILIA, complications/ HUMAN/ *PAIN, drug therapy/ PAIN, etiology

3071. Harris CE: Haemophilic women. Lancet 2:453, 25 Aug 73
COLONIC NEOPLASMS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HEMOPHILIA, diagnosis/ HUMAN/ MIDDLE AGE

3072. Harris ED Jr: A collagenolytic system produced by primary cultures of rheumatoid nodule tissue.
J Clin Invest 51:2973-6, Nov 72
*ARTHRITIS, RHEUMATOID, enzymology/ ARTHRITIS, RHEUMATOID, metabolism/ BINDING SITES/ CHROMATOGRAPHY/ CHROMATOGRAPHY, AFFINITY/ CLOSTRIDIOPEPTIDASE A, antagonists & inhibitors/ *CLOSTRIDIOPEPTIDASE A, biosynthesis/ CLOSTRIDIOPEPTIDASE A, isolation & purification/ COLLAGEN, metabolism/ DENSITOMETRY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ ORGAN CULTURE/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, biosynthesis/ PEPTIDE HYDROLASES, isolation & purification/ SULFHYDRYL COMPOUNDS, pharmacodynamics/ SYNOVIAL MEMBRANE, enzymology

3073. Harris ED Jr, Parker HG, Radin EL, et al: Effects of proteolytic enzymes on structural and mechanical properties of cartilage.
Arthritis Rheum 15:497-503, Sep-Oct 72
ANIMAL EXPERIMENTS/ BUFFERS/ CARTILAGE, ARTICULAR, analysis/ *CARTILAGE, ARTICULAR, drug effects/ CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ COLLAGEN, analysis/

*COLLAGEN, metabolism/ DOGS/ ELASTICITY/ HEXOSAMINES, analysis/ HEXOSAMINES, metabolism/ HYALURONIDASE, pharmacodynamics/ HYDROXYPROLINE, analysis/ HYDROXYPROLINE, metabolism/ *PEPTIDE HYDROLASES, pharmacodynamics/ POLYSACCHARIDES, analysis/ *POLYSACCHARIDES, metabolism/ PROTEINS, analysis/ PROTEINS, metabolism/ TRYPSIN, pharmacodynamics

3074. **Harris GJ:** Plasma viscometry and E.S.R. in the elderly.
Med Lab Technol 29:405-10, Oct 72
AGE FACTORS/ AGED/ *BLOOD SEDIMENTATION/ *BLOOD VISCOSITY/ FIBRINOGEN/ HEMATOCRIT/ HUMAN

3075. **Harris GL, Crawford N:** The subcellular distribution and characterisation of ATPase activity in pig platelets. Biochim Biophys Acta 291:720-33, 16 Feb 73
*ADENOSINE TRIPHOSPHATASE, analysis/ ADENOSINE TRIPHOSPHATASE, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, enzymology/ CALCIUM, pharmacodynamics/ CATIONS, MONOVALENT/ CENTRIFUGATION, DENSITY GRADIENT/ DINITROPHENOLS, pharmacodynamics/ DIURETICS, MERCURIAL, pharmacodynamics/ ENZYME ACTIVATION/ MAGNESIUM, pharmacodynamics/ ORGANOMETALLIC COMPOUNDS, pharmacodynamics/ OUABAIN, pharmacodynamics/ POTASSIUM, pharmacodynamics/ SODIUM, pharmacodynamics/ STIMULATION, CHEMICAL/ SUBCELLULAR FRACTIONS, drug effects/ SUBCELLULAR FRACTIONS, enzymology/ SWINE

3076. **Harris GL, Crawford N:** Isolation of pig platelet membranes and granules. Distribution and validity of marker enzymes.
Biochim Biophys Acta 291:701-19, 16 Feb 73
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, cytology/ CELL FRACTIONATION/ *CELL MEMBRANE, analysis/ CENTRIFUGATION, DENSITY GRADIENT/ CHOLESTEROL, analysis/ CHOLINESTERASE, analysis/ *CYTOPLASMIC GRANULES, analysis/ GLUCOSEPHOSPHATASE, analysis/ LACTATE DEHYDROGENASE, analysis/ LEUCINE AMINOPEPTIDASE, analysis/ METHODS/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, analysis/ NUCLEOTIDASES, analysis/ PHOSPHOLIPIDS, analysis/ SOLUBILITY/ SUBCELLULAR FRACTIONS, enzymology/ SUCCINATE DEHYDROGENASE, analysis/ SWINE

3077. **Harris GS:** Treatment of macular detachments.
Can J Ophthalmol 8:317-29, Apr 73
ADULT/ AGE FACTORS/ ANGIOMATOSIS, therapy/ CHILD/ CHOROID, pathology/ EXUDATES AND TRANSUDATES/ EYE NEOPLASMS, therapy/ FEMALE/ FLUORESCENCE ANGIOGRAPHY/ HUMAN/ LIGHT COAGULATION/ *MACULA LUTEA/ MALE/ METHODS/ MIDDLE AGE/ RETINAL DEGENERATION, therapy/ RETINAL DETACHMENT, etiology/ RETINAL DETACHMENT, surgery/ *RETINAL DETACHMENT, therapy/ RETINAL HEMORRHAGE, therapy/ RETINITIS, therapy/ SCLERA, surgery/ STRESS, PSYCHOLOGICAL/ TELANGIECTASIS, therapy/ VISION/ VISUAL ACUITY

3078. **Harris M:** Effect of x-irradiation of one partner on hybrid frequency in fusions between Chinese hamster cells. J Cell Physiol 80:119-28, Aug 72
CELL COUNT/ CELL FUSION/ CELL LINE/ CELL SURVIVAL/ CHROMOSOMES/ CULTURE MEDIA/ HAMSTERS/ HEAT/ HYBRID CELLS, cytology/ *HYBRID CELLS, radiation effects/ LUNG/ METHODS/ PERITONEUM/ *RADIATION EFFECTS/ TRYPSIN

3079. **Harris M, Pannell G:** Fibrinolytic activity in dental cysts. Oral Surg 35:818-26, Jun 73
EXUDATES AND TRANSUDATES, analysis/ FIBRINOGEN, analysis/ FIBRINOGEN, blood/ *FIBRINOLYSIS/ HUMAN/ IMMUNOASSAY/ IMMUNOELECTROPHORESIS/ KERATIN/ MOLECULAR WEIGHT/ *ODONTOGENIC CYSTS, metabolism/ ODONTOGENIC CYSTS, pathology

3080. **Harris MB, Murphy S, Oski FA:** Onyalai (a form of idiopathic thrombocytopenic purpura) in the United States. A report of two patients.
Clin Pediatr (Phila) 11:705-7, Dec 72
*BLISTER, occurrence/ CHILD, PRESCHOOL/ EPISTAXIS, etiology/ FEMALE/ HEMORRHAGE, ORAL, etiology/ HUMAN/ *LIP DISEASES, occurrence/ MALE/ *MOUTH DISEASES, occurrence/ NEGROES/ PREDNISONE, administration & dosage/ PREDNISONE, therapeutic use/ PURPURA, THROMBOPENIC, complications/ PURPURA, THROMBOPENIC, drug therapy/ *PURPURA, THROMBOPENIC, occurrence/ SYNDROME/ *TONGUE DISEASES, occurrence/ UNITED STATES

3081. **Harris MJ, Wilson JB, Huisman TH:** Two hemoglobin phenotypes in the American bison (Bison bison): a possible genetic explanation based on structural studies. Biochem Genet 9:1-11, May 73
ALLELES/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ *ARTIODACTYLA/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, STARCH GEL/ GENES, STRUCTURAL/ GLOBIN, analysis/ GLOBIN, isolation & purification/ *HEMOGLOBIN/ MACROMOLECULAR SYSTEMS/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PHENOTYPE/ TRYPSIN

3082. **Harris MN, Gumport SL, Berman IR, et al:** Ilioinguinal lymph node dissection for melanoma.
Surg Gynecol Obstet 136:33-9, Jan 73
*CARCINOMA, EPIDERMOID, surgery/ DIAGNOSTIC ERRORS/ HEMATOMA, etiology/ HUMAN/ *LEIOMYOSARCOMA, surgery/ *LYMPH NODE EXCISION/ LYMPHATIC METASTASIS, diagnosis/ *LYMPHATIC METASTASIS, surgery/ LYMPHEDEMA, etiology/ *MELANOMA, surgery/ METHODS/ *PELVIC NEOPLASMS, surgery/ PHLEBITIS, etiology/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ SKIN, transplantation/ SURGICAL WOUND INFECTION/ TRANSPLANTATION, AUTOLOGOUS

3083. **Harris TR, Nugent M:** Continuous arterial oxygen tension monitoring in the newborn infant.
J Pediatr 82:929-39, Jun 73
AORTA, ABDOMINAL/ BLOOD VISCOSITY/ CATHETERIZATION/ ELECTRODES, IMPLANTED/ HEMATOCRIT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYDROSTATIC PRESSURE/ *INFANT, NEWBORN/ METHODS/ *MONITORING SYSTEMS/ OSMOLAR CONCENTRATION/ *OXYGEN, blood/ RESPIRATORY DISTRESS SYNDROME, blood/ TEMPERATURE/ UMBILICAL ARTERIES

3084. **Harris WH, Sara SM, Salzman EW, et al:** Impedance phlebography: a correlation with lower limb venography in the diagnosis of deep vein thrombosis
Surgery 74:385-9, Sep 73
ASPIRIN, therapeutic use/ DEXTRAN, therapeutic use/ FALSE NEGATIVE REACTIONS/ FALSE POSITIVE REACTIONS/ HEPARIN, therapeutic use/ HIP, surgery/ HUMAN/ JOINT PROSTHESIS/ LEG, blood supply/ *PHLEBOGRAPHY/ THROMBOEMBOLISM, prevention & control/ *THROMBOPHLEBITIS, diagnosis/ WARFARIN therapeutic use

3085. **Harrison HC, Lord RS, Chesterman CN, et al:** Spontaneous intramural haematoma in the sigmoi colon of a haemophiliac.
Aust NZ J Surg 42:69-70, Aug 72
ADULT/ CASE REPORT/ *HEMATOMA,

etiology/ HEMATOMA, surgery/ *HEMOPHILIA, complications/ HEMOPHILIA, diagnosis/ *HEMORRHAGE, GASTROINTESTINAL, etiology/ HEMORRHAGE, GASTROINTESTINAL, surgery/ HUMAN/ MALE/ *SIGMOID

3086. **Harrison LC, Dortimer AC, Murphy KJ:** Fatalities due to the weed-killer paraquat.
Med J Aust 2:774-7, 30 Sep 73
ADULT/ CYCLOPHOSPHAMIDE, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ LUNG, pathology/ LUNG DISEASES, chemically induced/ MALE/ OXYGEN, poisoning/ *PARAQUAT, poisoning/ POISONING, drug therapy/ POISONING, mortality/ SHOCK, TOXIC, etiology

3087. **Harrison TR:** Severe angina pectoris. Considerations of surgical and medical management.
JAMA 223:1022-6, 26 Feb 73
ANGINA PECTORIS, complications/ ANGINA PECTORIS, drug therapy/ ANGINA PECTORIS, metabolism/ ANGINA PECTORIS, surgery/ *ANGINA PECTORIS, therapy/ ANTICOAGULANTS, therapeutic use/ AORTOCORONARY BYPASS/ ATTITUDE TO HEALTH/ COLLATERAL CIRCULATION, drug effects/ CORONARY VESSELS, drug effects/ EXERTION/ GLYCERYL TRINITRATE, therapeutic use/ HUMAN/ HYPNOTICS AND SEDATIVES, therapeutic use/ MYOCARDIUM, metabolism/ OXYGEN CONSUMPTION/ PULMONARY EDEMA, complications

3088. **Harrold AJ:** Elimination of fibrinogen from synovial joints. Ann Rheum Dis 32:29-34, Jan 73
ABSORPTION/ ANIMAL EXPERIMENTS/ CITRATES/ DISEASE MODELS, ANIMAL/ FEMALE/ FIBRIN, metabolism/ FIBRINOGEN, metabolism/ HEMARTHROSIS, metabolism/ HEPARIN/ HINDLIMB/ HUMAN/ INJECTIONS, INTRA-ARTICULAR/ IODINE ISOTOPES/ PLASMA/ RABBITS/ *SYNOVIAL MEMBRANE, metabolism/ TIME FACTORS

3089. **Hart R, Williams JT:** A technique for chronic catheterization of the sheep abomasum.
Res Vet Sci 13:496-7, Sep 72
*ABOMASUM, physiology/ ABOMASUM, secretion/ ADHESIONS/ ANIMAL EXPERIMENTS/ *CATHETERIZATION/ METHODS/ *SHEEP, physiology/ SUTURE TECHNICS/ TRICHOSTRONGYLOIDIASIS, physiopathology

3090. **Hart S, Sisely L:** Haemangiopericytoma of the pre-sacral space. Br J Surg 60:583-4, Jul 73
ADULT/ BONE NEOPLASMS, diagnosis/ BONE NEOPLASMS, pathology/ BONE NEOPLASMS, surgery/ FEMALE/ *HEMANGIOPERICYTOMA, diagnosis/ HEMANGIOPERICYTOMA, pathology/ HEMANGIOPERICYTOMA, surgery/ HUMAN/ NEOPLASM RECURRENCE, LOCAL/ *SACRUM

3091. **Härtel M:** Intramurale Dünndarmhämatome bei Dicumarolbehandlung.
Fortschr Geb Roentgenstr Nuklearmed 117:306-11, Sep 72 (Ger)
AGED/ ARTERIOSCLEROSIS, drug therapy/ *BISHYDROXYCOUMARIN, adverse effects/ BISHYDROXYCOUMARIN, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HEMATOMA, chemically induced/ *HEMATOMA, radiography/ HEMORRHAGE, GASTROINTESTINAL, chemically induced/ *HEMORRHAGE, GASTROINTESTINAL, radiography/ HUMAN/ *JEJUNUM/ MALE

3092. **Härtel M, Wehlin L, Liedberg CF:** Zur radiologischen Differentialdiagnose hypervaskularisierter Nierentumoren.
Fortschr Geb Roentgenstr Nuklearmed 118:496-506, May 73 (Ger)
ADULT/ AGED/ ANGIOGRAPHY/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, radiography/ HUMAN/ KIDNEY, blood supply/ *KIDNEY NEOPLASMS, radiography/ *LEIOMYOMA, radiography/ *LIPOMA, radiography/ MIDDLE AGE/ PHLEBOGRAPHY/ UROGRAPHY

3093. **Hartig F, Hebold G:** Disseminierte intravasale Gerinnung bei akuter experimenteller Pansenacidose der Schafe.
Berl Munch Tieraerztl Wochenschr 86:244-5, 1 Jul 73 (Ger)
ACIDOSIS, complications/ *ACIDOSIS, veterinary/ ANIMAL EXPERIMENTS/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ *DISSEMINATED INTRAVASCULAR COAGULATION, veterinary/ ENGLISH ABSTRACT/ *RUMEN/ SHEEP/ *SHEEP DISEASES, complications/ STOMACH DISEASES, complications/ *STOMACH DISEASES, veterinary

3094. **Hartig F, Hebold G:** Intravasale Mikrozirkulationsstörungen in Mesenteriallymphknoten bei spontaner Odemkrankheit (Coli-Enterotoxämie) der Schweine.
Berl Munch Tieraerztl Wochenschr 85:361-4, 1 Oct 72 (Ger)
ANIMAL EXPERIMENTS/ *DISSEMINATED INTRAVASCULAR COAGULATION, veterinary/ *EDEMA DISEASE OF SWINE, blood/ ENGLISH ABSTRACT/ LYMPH NODES, blood supply/ MICROCIRCULATION/ REGIONAL BLOOD FLOW/ SWINE/ *SWINE DISEASES, blood

3095. **Hartman RR:** Maternal death study no. 9.
Ill Med J 142:584-5, Dec 72
ADULT/ *EMBOLISM, AMNIOTIC FLUID, mortality/ FEMALE/ HUMAN/ *LABOR, INDUCED, mortality/ PARITY/ PREGNANCY/ *PREGNANCY COMPLICATIONS, INFECTIOUS, mortality

3096. **Hartmann G:** Erfahrungen mit der parenteralen Ernährung und ihre Anwendung.
Int J Vitam Nutr Res 12:109-23, 1972 (Ger)
BLOOD COAGULATION DISORDERS, etiology/ *DIETARY FATS, administration & dosage/ EMBOLISM, FAT, etiology/ FEMALE/ HUMAN/ MALE/ NITROGEN/ NUTRITION/ NUTRITIONAL REQUIREMENTS/ OILS/ *PARENTERAL FEEDING/ PARENTERAL FEEDING, adverse effects/ SOY BEANS

3097. **Hartmann JF, Gwatkin RB, Hutchison CF:** Early contact interactions between mammalian gametes in vitro: evidence that the vitellus influences adherence between sperm and zona pellucida.
Proc Natl Acad Sci USA 69:2767-9, Oct 72
ANIMAL EXPERIMENTS/ *FERTILIZATION/ HAMSTERS/ MICE/ NIDATION/ *OVUM, metabolism/ OVUM, physiology/ PROTEIN BINDING/ RATS/ SPECIES SPECIFICITY/ SPERM CAPACITATION/ *SPERMATOZOA, metabolism/ SPERMATOZOA, physiology/ TEMPERATURE/ TIME FACTORS/ TRYPSIN/ *VITELLINE MEMBRANE, metabolism/ VITELLINE MEMBRANE, physiology

3098. **Hartree EF:** Determination of protein: a modification of the Lowry method that gives a linear photometric response. Anal Biochem 48:422-7, Aug 72
CATTLE/ CHICKENS/ COLORIMETRY/ GAMMA GLOBULIN, analysis/ INSULIN, analysis/ METHODS/ OVALBUMIN, analysis/ PHOTOMETRY/ *PROTEINS, analysis/ RIBONUCLEASE, analysis/ SERUM ALBUMIN, BOVINE, analysis/ SUCROSE, analysis/ SURFACE-ACTIVE AGENTS, analysis/ TRYPSIN, analysis

3099. **Hartwich G, Schwabel HJ, Sailer D, et al:** Untersuchungsergebnisse bei 50 Patienten mit Panmyelopathie.
Med Klin 68:765-71, 8 Jun 73 (Ger)
ANABOLIC STEROIDS, therapeutic use/ ANEMIA, APLASTIC, chemically induced/ *ANEMIA, APLASTIC, diagnosis/ ANEMIA,

APLASTIC, drug therapy/ ANEMIA, APLASTIC, etiology/ ANEMIA, APLASTIC, mortality/ ANEMIA, APLASTIC, therapy/ BLCOD CELL COUNT/ BLOOD TRANSFUSION/ CHLORAMPHENICOL, adverse effects/ ENGLISH ABSTRACT/ ERYTHROCYTES/ FEMALE/ FOLLOW-UP STUDIES/ GERMANY, WEST/ GLUCOCORTICOIDS, therapeutic use/ HEMOSTATICS, therapeutic use/ HEPATITIS, complications/ HUMAN/ MALE/ MUMPS, complications/ PHENYLBUTAZONE, adverse effects/ PLASMA/ SULFONAMIDES, adverse effects/ TETRACYCLINE, adverse effects/ TIME FACTORS/ TUBERCULOSIS, complications

3100. **Hartz JW, Deutsch HF:** Subunit structure of human superoxide dismutase.
J Biol Chem 247:7043-50, 10 Nov 72
ACYLATION/ ALKYLATION/ APOPROTEINS/ CARBON ISOTOPES/ CHROMATOGRAPHY, DEAE-CELLULOSE/ COPPER/ ELECTROPHORESIS, DISK/ *ERYTHROCYTES, enzymology/ FREE RADICALS/ GEL FILTRATION/ HUMAN/ IODOACETATES/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ *OXIDOREDUCTASES, blood/ OXIDOREDUCTASES, isolation & purification/ OXYGEN/ PEPTIDES, isolation & purification/ SODIUM DODECYL SULFATE/ SUCCINATES/ TRYPSIN/ ULTRACENTRIFUGATION/ ZINC

3101. **Harvey GP:** Little reflied for pain of haemophilia.
Lancet 1:776, 7 Apr 73
*ANALGESICS AND ANTIPYRETICS, therapeutic use/ *HEMOPHILIA, complications/ HUMAN/ MALE/ *PAIN

3102. **Hase S, Matsushima Y:** Structural studies on a glucose-containing polysaccharide obtained from cell walls of Micrococcus lysodeikticus. 3. Determination of the structure. J Biochem (Tokyo) 72:1117-28, Nov 72
CELL WALL, analysis/ CHEMISTRY/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ DISACCHARIDES, analysis/ GEL FILTRATION/ GLUCOSE, analysis/ GLUCOSIDASE/ HYDROLYSIS/ *MICROCOCCUS, analysis/ MURAMIDASE/ PEPTIDE HYDROLASES/ *POLYSACCHARIDES, BACTERIAL, analysis/ SPECTROPHOTOMETRY, INFRARED

3103. **Hashida E, Maekawa F, Mori Y, et al:** Feasibility of urokinase in the treatment of acute myocardial infarction. Jap Circ J 36:941-4, Sep 72
ACUTE DISEASE/ AGED/ ASPARTATE AMINOTRANSFERASE, blood/ ELECTROCARDIOGRAPHY/ EVALUATION STUDIES/ FIBRINOLYTIC AGENTS, administration & dosage/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ INJECTIONS, INTRAVENOUS/ LACTATE DEHYDROGENASE, blood/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, enzymology/ MYOCARDIAL INFARCT, physiopathology

3104. **Hashim GA, Hwang F, Schilling FJ:** Experimental allergic encephalomyelitis: basic protein regions responsible for delayed hypersensitivity.
Arch Biochem Biophys 156:298-309, May 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AUTOANALYSIS/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ ELECTROPHORESIS, PAPER/ ENCEPHALITOGENIC BASIC PROTEINS, analysis/ ENCEPHALOMYELITIS, ALLERGIC, chemically induced/ *ENCEPHALOMYELITIS, ALLERGIC, etiology/ GEL FILTRATION/ GUINEA PIGS/ GUINEA PIGS, immunology/ HYDROGEN-ION CONCENTRATION/ HYPERSENSITIVITY, DELAYED, chemically induced/ *HYPERSENSITIVITY, DELAYED, etiology/ *NERVE TISSUE PROTEINS, analysis/ PEPTIDES/ PEPTIDES, analysis/ TIME FACTORS/ TRYPSIN

3105. **Hashim GA, Schilling FJ:** Prevention of experimental allergic encephalomyelitis by nonencephalitogenic basic peptides.
Arch Biochem Biophys 156:287-97, May 73
ANIMAL EXPERIMENTS/ ANTIGENS/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHYMOTRYPSIN/ ENCEPHALITOGENIC BASIC PROTEINS/ ENCEPHALOMYELITIS, ALLERGIC, chemically induced/ *ENCEPHALOMYELITIS, ALLERGIC, prevention & control/ GEL DIFFUSION TESTS/ GEL FILTRATION/ GUINEA PIGS/ GUINEA PIGS, immunology/ HYDROGEN-ION CONCENTRATION/ HYPERSENSITIVITY, DELAYED, immunology/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ KIDNEY, immunology/ LIVER, immunology/ *NERVE TISSUE PROTEINS, therapeutic use/ PEPTIDES/ PEPTIDES, analysis/ *PEPTIDES, therapeutic use/ RABBITS, immunology/ SPECTROPHOTOMETRY, ULTRAVIOLET

3106. **Hashim GA, Schilling FJ:** Allergic encephalomyelitis: characterization of the determinants for delayed type hypersensitivity.
Biochem Biophys Res Commun 50:589-96, 5 Feb 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ ANTIGENIC DETERMINANTS/ CATTLE/ CHYMOTRYPSIN/ CROSS REACTIONS/ *ENCEPHALOMYELITIS, ALLERGIC, chemically induced/ GUINEA PIGS/ HYDROLYSIS/ *HYPERSENSITIVITY, DELAYED, chemically induced/ PEPTIDES/ PEPTIDES, analysis/ PROTEINS, isolation & purification/ SKIN TESTS/ SPINAL CORD, analysis/ TRYPSIN

3107. **Hashimoto H, Iwaasa T, Yokotsuka T:** Some properties of acid protease from the thermophilic fungus, Penicillium duponti K1014.
Appl Microbiol 25:578-83, Apr 73
CASEIN, metabolism/ FERRICYANIDES, pharmacodynamics/ GEL FILTRATION/ HEAT/ HEMOGLOBIN, metabolism/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ ISOELECTRIC FOCUSING/ MOLECULAR WEIGHT/ OVALBUMIN, metabolism/ *PENICILLIUM, enzymology/ PENICILLIUM, growth & development/ *PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ POTASSIUM PERMANGANATE, pharmacodynamics/ SODIUM DODECYL SULFATE, pharmacodynamics/ SUCCINIMIDES, pharmacodynamics/ TRYPSIN, biosynthesis/ TRYPSINOGEN, metabolism

3108. **Hashimoto H, Iwaasa T, Yokotsuka T:** Thermostabl acid protease produced by Penicillium duponti K101 a true thermophilic fungus newly isolated fro compost. Appl Microbiol 24:986-92, Dec 72
CELL-FREE SYSTEM/ CULTURE MEDIA/ FERTILIZERS/ FILTRATION/ HEAT/ HYDROGEN-ION CONCENTRATION/ MICROSCOPY, ELECTRON/ NITROGEN, metabolism/ PENICILLIUM, classification/ PENICILLIUM, cytology/ *PENICILLIUM, enzymology/ PENICILLIUM, growth & development/ PENICILLIUM, isolation & purification/ PENICILLIUM, metabolism/ *PEPTIDE HYDROLASES, biosynthesis/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ SPECTROPHOTOMETRY/ SPORES, FUNGAL, cytology/ WATER, metabolism/ WHEAT

3109. **Hashimoto H, Kaneko Y, Iwaasa T, et al:** Productio and purification of acid protease from the thermophilic fungus, Penicillium duponti K101
Appl Microbiol 25:584-8, Apr 73
ALCOHOL, ETHYL/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DENSITOMETRY/

ELECTROPHORESIS, DISK/ GEL FILTRATION/ HEAT/ *PENICILLIUM, enzymology/ PENICILLIUM, growth & development/ PEPTIDE HYDROLASES, analysis/ *PEPTIDE HYDROLASES, biosynthesis/ PEPTIDE HYDROLASES, isolation & purification/ PRECIPITATION/ RIBONUCLEASE, metabolism/ SPECTROPHOTOMETRY/ ULTRACENTRIFUGATION

3110. **Hashimoto S:** [Fibrinogen determination by thrombin time method] Jap J Clin Pathol 21:615-20, Jul 73 (Jap)
BLOOD COAGULATION TESTS/ *FIBRINOGEN, analysis/ HUMAN/ METHODS/ *THROMBIN, diagnostic use/ TIME FACTORS

3111. **Hashimoto Y, Mori T, Onuma N, et al:** Some pharmacologic properties of a new fungicide thiophanate-methyl.
Toxicol Appl Pharmacol 23:616-22, Dec 72
ANALGESIA/ ANILINE COMPOUNDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTIFUNGAL AGENTS, administration & dosage/ BLOOD CELL COUNT/ BLOOD COAGULATION, drug effects/ BLOOD PRESSURE, drug effects/ BODY TEMPERATURE, drug effects/ BRAIN, enzymology/ *CARBAMATES, pharmacodynamics/ CHOLINESTERASE, analysis/ CHOLINESTERASE, blood/ ELECTROCARDIOGRAPHY/ ERYTHROCYTE COUNT/ *FUNGICIDES, INDUSTRIAL, pharmacodynamics/ HEART RATE, drug effects/ HEMOLYSIS, drug effects/ HYPNOTICS AND SEDATIVES/ IN VITRO/ LETHAL DOSE 50/ LEUKOCYTE COUNT/ MALE/ MICE/ MUSCLE, SMOOTH, drug effects/ MYDRIATICS, pharmacodynamics/ RABBITS/ RATS/ RESPIRATION, drug effects/ *THIOUREA, pharmacodynamics

3112. **Hasilik A, Holzer H:** Participation of the tryptophan synthase inactivating system from yeast in the activation of chitin synthase.
Biochem Biophys Res Commun 53:552-9, 17 Jul 73
CARBON ISOTOPES/ CELL DIVISION/ CHITIN/ CHROMATOGRAPHY, ION EXCHANGE/ DRUG STABILITY/ ENZYME ACTIVATION/ GLUCOSAMINE/ *GLUCOSYLTRANSFERASES, metabolism/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, metabolism/ PEPTIDE HYDROLASES, pharmacodynamics/ SACCHAROMYCES CEREVISIAE, drug effects/ *SACCHAROMYCES CEREVISIAE, enzymology/ TEMPERATURE/ TRYPTOPHAN SYNTHETASE/ TRYPTOPHAN SYNTHETASE, antagonists & inhibitors/ TRYPTOPHAN SYNTHETASE, metabolism/ URIDINE DIPHOSPHATE SUGARS

3113. **Haslam RJ:** Inhibition of blood platelet function by cytochalasins: effects on thrombosthenin and on glucose metabolism. Biochem J 127:34P, Apr 72
ADENOSINE TRIPHOSPHATASE/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS, drug effects/ *BLOOD PROTEINS, pharmacodynamics/ CARBON ISOTOPES/ *GLUCOSE, metabolism/ IN VITRO/ *INDOLES, pharmacodynamics/ RABBITS/ SWINE

3114. **Haslam RJ, Lynham JA:** Activation and inhibition of blood platelet adenylate cyclase by adenosine or by 2-chloroadenosine. Life Sci [II] 11:1143-54, 8 Dec 72
*ADENOSINE, pharmacodynamics/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENYL CYCLASE, antagonists & inhibitors/ *ADENYL CYCLASE, metabolism/ AMINOPHYLLINE, pharmacodynamics/ *BLOOD PLATELETS, enzymology/ CARBON ISOTOPES/ CHLORINE/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENZYME ACTIVATION, drug effects/ FREEZING/ HUMAN/ OSMOLAR CONCENTRATION/ PAPAVERINE, pharmacodynamics/ PROSTAGLANDINS, pharmacodynamics/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRITIUM

3115. **Haslam RJ, Rosson GM:** Aggregation of human blood platelets by vasopressin.
Am J Physiol 223:958-67, Oct 72
ACETIC ACIDS, pharmacodynamics/ ADENOSINE, pharmacodynamics/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTICOAGULANTS, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ CAFFEINE, pharmacodynamics/ CARBON ISOTOPES/ CATIONS, DIVALENT, pharmacodynamics/ CELL AGGREGATION, drug effects/ CHELATING AGENTS, pharmacodynamics/ CITRATES, pharmacodynamics/ CREATINE KINASE, pharmacodynamics/ DOGS/ ETHYLMALEIMIDE, pharmacodynamics/ FIBRINOGEN, pharmacodynamics/ GLYCOLS, pharmacodynamics/ HIRUDIN, pharmacodynamics/ HUMAN/ IMIPRAMINE, pharmacodynamics/ PHOSPHOCREATINE, pharmacodynamics/ PROSTAGLANDINS, pharmacodynamics/ RABBITS/ SEROTONIN, analysis/ SWINE/ VASOPRESSIN, administration & dosage/ VASOPRESSIN, antagonists & inhibitors/ *VASOPRESSIN, pharmacodynamics

3116. **Haslund R:** Waterhouse Friderichsen syndrome. Endotoxin shock treated with massive doses of cortisol. J Oslo City Hosp 23:49-64, Mar 73
CHILD/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ HEPARIN, therapeutic use/ HUMAN/ *HYDROCORTISONE, therapeutic use/ MALE/ SHOCK, ENDOTOXIC, drug therapy/ *WATERHOUSE-FRIDERICHSEN SYNDROME, drug therapy

3117. **Hass GM, Govier MA, Grahn DT, et al:** Modification of bovine carboxypeptidase B with N-bromoacetyl-N-methyl-L-phenylalanine.
Biochemistry 11:3787-92, 26 Sep 72
ACETIC ACIDS/ ALKYLATION/ AMINO ACID SEQUENCE/ AMINOCAPROIC ACID/ ANIMAL EXPERIMENTS/ BROMINE/ CARBON ISOTOPES/ *CARBOXYPEPTIDASES/ CARBOXYPEPTIDASES, analysis/ CARBOXYPEPTIDASES, antagonists & inhibitors/ CATALYSIS/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS/ ENZYME ACTIVATION/ GLUTAMATES/ HYDROGEN-ION CONCENTRATION/ HYDROXYLAMINES/ KINETICS/ *PANCREATIC JUICE, enzymology/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ *PHENYLALANINE/ THERMOLYSIN/ THIOCYANATES

3118. **Hass WK:** Occlusive cerebrovascular disease.
Med Clin North Am 56:1281-97, Nov 72
AGE FACTORS/ ANTICOAGULANTS, therapeutic use/ *ARTERIAL OCCLUSIVE DISEASES/ CEREBRAL EMBOLISM AND THROMBOSIS/ CEREBRAL ISCHEMIA, TRANSIENT, diagnosis/ CEREBRAL ISCHEMIA, TRANSIENT, etiology/ *CEREBROVASCULAR DISORDERS/ CEREBROVASCULAR DISORDERS, classification/ CEREBROVASCULAR DISORDERS, drug therapy/ CEREBROVASCULAR DISORDERS, surgery/ CEREBROVASCULAR DISORDERS, therapy/ HUMAN/ *NOMENCLATURE/ TRACHEOTOMY

3119. **Hassan MA, Rahman EA, Rahman IA:** Postoperative deep vein thrombosis in Sudanese patients.
Br Med J 1:515-7, 3 Mar 73
ADULT/ AGE FACTORS/ AGED/ FEMALE/ FIBRINOGEN, diagnostic use/ GREAT BRITAIN/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ LONDON/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, occurrence/ RADIOISOTOPE SCANNING/ SEX FACTORS/ SUDAN/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, occurrence

3120. **Hassanein EA, Tankovsky I:** Disturbances of coagulation mechanism in protein-calorie malnutrition. Trop Geogr Med 25:158-62, Jun 73
*BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ BLOOD PROTEINS/ CHILD, PRESCHOOL/ DEHYDRATION, etiology/ DIETARY PROTEINS, therapeutic use/ EMACIATION/ FACTOR V DEFICIENCY/ HUMAN/ INFANT/ *KWASHIORKOR, blood/ KWASHIORKOR, complications/ LIVER FUNCTION TESTS/ *NUTRITION DISORDERS, blood/ PROTEIN-CALORIE MALNUTRITION, blood/ PROTEIN-CALORIE MALNUTRITION, complications/ PROTEIN-CALORIE MALNUTRITION, therapy/ PROTHROMBIN TIME/ VITAMIN K, therapeutic use

3121. **Hassanein RR, Elmougy SA, Elghamry MI:** Biological activity of phytoestrogens. VI. Fractionation of plasma proteins associated with -sitosterol treatment. Planta Med 22:412-7, Dec 72
ALPHA GLOBULIN/ ANIMAL EXPERIMENTS/ *BLOOD PROTEINS/ CASTRATION/ FEMALE/ FIBRINOGEN/ MICE/ OVARY, physiology/ *PHYTOSTEROLS, pharmacodynamics/ SERUM ALBUMIN/ SITOSTEROLS, pharmacodynamics

3122. **Hata M, Remmers AR Jr, Lindley JD, et al:** Surgical management of the dialysis patient. Ann Surg 178:134-7, Aug 73
BLOOD COAGULATION DISORDERS/ BLOOD TRANSFUSION/ DIETARY PROTEINS, administration & dosage/ FEMALE/ *HEMODIALYSIS/ HEMODIALYSIS, HOME/ HUMAN/ HYPERKALEMIA, etiology/ KIDNEY, transplantation/ MALE/ PERITONEAL DIALYSIS/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ PREOPERATIVE CARE/ *SURGERY, OPERATIVE/ TRANSPLANTATION, HOMOLOGOUS/ UREMIA, complications/ WOUND HEALING

3123. **Hata R, Nagai Y:** A micro colorimetric determination of acidic glycosaminoglycans by two dimensional electrophoresis on a cellulose acetate strip. Anal Biochem 52:652-6, Apr 73
AUTOANALYSIS/ CELLULOSE/ CHONDROITIN, analysis/ COLORIMETRY/ ELECTROPHORESIS/ HEPARIN, analysis/ HYALURONIC ACID, analysis/ INDICATORS AND REAGENTS/ METHODS/ *MUCOPOLYSACCHARIDES, analysis

3124. **Hata R, Nagai Y:** Distribution of acidic glycosaminoglycans in tadpole back skin. Biochim Biophys Acta 304:408-12, 28 Apr 73
ANIMAL EXPERIMENTS/ CHONDROITIN, analysis/ COLLAGEN, analysis/ COLORIMETRY/ ELECTROPHORESIS/ FROGS/ HEPARIN, analysis/ HEPARITIN SULFATE, analysis/ LARVA/ *MUCOPOLYSACCHARIDES, analysis/ RANA CATESBEIANA/ *SKIN, analysis

3125. **Hata Y, Insull W Jr:** Significance of cholesterol esters as liquid crystal in human atherosclerosis. Jap Circ J 37:269-75, Mar 73
ADULT/ AORTA, ABDOMINAL, pathology/ AORTA, THORACIC, pathology/ *AORTIC DISEASES, pathology/ *ARTERIOSCLEROSIS, pathology/ CELLULAR INCLUSIONS/ *CHOLESTEROL, metabolism/ CONGRESSES/ CRYSTALLIZATION/ CRYSTALLOGRAPHY/ ESTERS/ *FATTY STREAK, ARTERIAL, pathology/ FEMALE/ HUMAN/ MALE/ MICROSCOPY, POLARIZATION/ MIDDLE AGE

3126. **Hathaway WE:** Heparin therapy in acute meningococcemia. J Pediatr 82:900-1, May 73
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ ANTIBIOTICS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ *HEPARIN, therapeutic use/ HUMAN/ INFANT/ ISOPROTERENOL, therapeutic use/ MENINGOCOCCAL INFECTIONS, blood/ MENINGOCOCCAL INFECTIONS, complications/ *MENINGOCOCCAL INFECTIONS, therapy/ SHOCK, ENDOTOXIC, therapy

3127. **Hathaway WE, Mahasandana C, Clarke S, et al:** Paradoxical bleeding in intensively transfused hemophilics: alteration of platelet function. Transfusion 13:6-12, Jan-Feb 73
BLOOD COAGULATION TESTS/ BLOOD PLATELET DISORDERS, etiology/ *BLOOD PLATELET DISORDERS, physiopathology/ *BLOOD TRANSFUSION/ CHILD/ FACTOR VIII, analysis/ FACTOR VIII, therapeutic use/ HEMOPHILIA, blood/ HEMOPHILIA, complications/ *HEMOPHILIA, physiopathology/ HEMOPHILIA, therapy/ *HEMORRHAGE, physiopathology/ HUMAN/ PLATELET ADHESIVENESS

3128. **Hattersley PG:** Activated coagulation time as screening test. JAMA 222:583-4, 30 Oct 72
*BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION TESTS, instrumentation/ HEPARIN, therapeutic use/ HUMAN/ *SURGERY, OPERATIVE/ THROMBOEMBOLISM, drug therapy

3129. **Hattler BG Jr, Miller J:** Changes in human mixed lymphocyte culture reactivity as an indicator of kidney rejection. Transplant Proc 4:655-7, Dec 72
ANTILYMPHOCYTE SERUM, therapeutic use/ CELL SEPARATION/ CENTRIFUGATION, DENSITY GRADIENT/ FEMALE/ *GRAFT REJECTION/ HUMAN/ IMMUNOSUPPRESSION/ *KIDNEY, transplantation/ *LEUKOCYTE CULTURE TEST, MIXED/ LYMPHOCYTES, immunology/ MALE/ STREPTODORNASE AND STREPTOKINASE, pharmacodynamics/ TISSUE DONORS/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY

3130. **Hatton MW:** Studies on the coagulant enzyme from Agkistrodon rhodostoma venom. Isolation and some properties of the enzyme. Biochem J 131:799-807, Apr 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ARGININE/ BLOOD COAGULATION TESTS/ CASEIN/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ESTERASES, metabolism/ GEL FILTRATION/ GLYCOPROTEINS, analysis/ GLYCOPROTEINS, isolation & purification/ HEMOGLOBIN/ HEXOSAMINES, analysis/ HUMAN/ KINETICS/ LYSINE/ NEURAMINIC ACIDS, analysis/ PEPTIDE PEPTIDOHYDROLASES, analysis/ *PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ SNAKES/ SPECTROPHOTOMETRY, ULTRAVIOLET/ THROMBIN, metabolism/ *VENOMS, metabolism

3131. **Hattori A:** Scanning electron microscopy of human peripheral blood cells. Acta Haematol Jap 35:457-82, Aug 72
ADULT/ *BLOOD CELLS, cytology/ BLOOD PLATELETS, cytology/ ERYTHROCYTES, cytology/ FEMALE/ HUMAN/ LEUKOCYTES, cytology/ MALE/ *MICROSCOPY, ELECTRON, SCANNING/ RETICULOCYTES, cytology

3132. **Haudenschild C, Baumgartner HR, Studer A:** Significance of fixation procedure for preservation of arteries. Experientia 28:828-31, 15 Jul 72
ANIMAL EXPERIMENTS/ *AORTA, ABDOMINAL/ AORTA, ABDOMINAL, cytology/ BLOOD PLATELETS/ FEMALE/ *HISTOLOGICAL TECHNICS/ LEUKOCYTES/ MALE/ METHODS/ MICROSCOPY, ELECTRON/ RABBITS

3133. **Haug H, Pusch HJ, Gathof A, et al:** Metabolische

Veränderungen in gelagertem Konservenblut. Alterung von ACD-konserviertem Blut unter besonderer Berücksichtigung von ATP-, Milchsäure- und Brenztraubensäuregehalt.
Fortschr Med 90:862-3, 31 Aug 72 (Ger)
ADENOSINE DIPHOSPHATE, blood/ ADENOSINE TRIPHOSPHATE, blood/ *BLOOD, metabolism/ *BLOOD PRESERVATION/ BLOOD SUGAR/ BLOOD TRANSFUSION/ CITRATES/ HUMAN/ KETOGLUTARIC ACID, blood/ LACTATE DEHYDROGENASE, blood/ LACTATES, blood/ PYRUVATES, blood

3134. **Haugen J:** Haematological changes after injection of endotoxin into warfarin-treated rabbits.
Acta Pathol Microbiol Scand [B] 80:589-98, 1972
ANIMAL EXPERIMENTS/ ANTIBODY SPECIFICITY/ BLOOD CELL COUNT/ *BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, drug effects/ BLOOD SEDIMENTATION/ ENDOTOXINS, administration & dosage/ *ENDOTOXINS, pharmacodynamics/ ERYTHROCYTE AGGREGATION, INTRAVASCULAR/ INJECTIONS, INTRAVENOUS/ LEUKOCYTE COUNT/ LIPOPOLYSACCHARIDES/ METHODS/ PLATELET ADHESIVENESS/ RABBITS/ SALMONELLA/ TIME FACTORS/ *WARFARIN, pharmacodynamics

3135. **Haupt H:** Einwirkung pränataler Hypoxie auf das Gerinnungssystem des Neugeborenen.
Z Kinderheilkd 113:185-92, 1972 (Ger)
*ANOXIA, complications/ ANOXIA, etiology/ *BLOOD COAGULATION DISORDERS, etiology/ *BLOOD COAGULATION FACTORS, biosynthesis/ ENGLISH ABSTRACT/ FACTOR V, biosynthesis/ FEMALE/ FETAL DISEASES, complications/ FETAL DISEASES, etiology/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, etiology/ PLACENTA DISORDERS, complications/ PREGNANCY

3136. **Hausberger FX, Buchbinder D:** Effect of hypovolemia on absorption of injected fat.
J Trauma 13:469-72, May 73
ANIMAL EXPERIMENTS/ *BLOOD VOLUME/ *EMBOLISM, FAT, etiology/ FIBULA, injuries/ FRACTURES, complications/ *FRACTURES, metabolism/ HEMATOMA, complications/ HISTAMINE, pharmacodynamics/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, SUBCUTANEOUS/ IODINE ISOTOPES/ *LIPIDS, metabolism/ *PULMONARY EMBOLISM, etiology/ RABBITS/ TIBIAL FRACTURES, metabolism/ TRIOLEIN, metabolism

3137. **Hausmann E, Weinfeld N, Miller WA:** Effects of lipopolysaccharides on bone resorption in tissue culture. Calcif Tissue Res 9:272-82, 1972
ANIMAL EXPERIMENTS/ BONE MATRIX/ *BONE RESORPTION, drug effects/ CALCIUM CHLORIDE, metabolism/ CALCIUM ISOTOPES, analysis/ FEMALE/ FETUS, analysis/ HEPARIN, pharmacodynamics/ IN VITRO/ LACTATES, analysis/ *LIPOPOLYSACCHARIDES, pharmacodynamics/ METHODS/ OSTEOCLASTS/ PARATHYROID HORMONE, pharmacodynamics/ PREGNANCY/ RADIOISOTOPE SCANNING/ RADIUS, analysis/ RADIUS, drug effects/ RATS/ RATS, INBRED STRAINS/ SPECTROPHOTOMETRY/ THYROCALCITONIN, pharmacodynamics/ TISSUE CULTURE/ ULNA, analysis/ ULNA, drug effects

3138. **Hauss WH:** Uber die Rolle des Mesenchums in der Genese der Arteriosklerose.
Virchows Arch [Pathol Anat] 359:135-56, 19 Apr 73 (Ger)
AGE FACTORS/ ANIMAL EXPERIMENTS/ AORTA, metabolism/ *ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, metabolism/ ARTERIOSCLEROSIS, pathology/ CELL DIVISION/ COLLAGEN/ CONNECTIVE TISSUE, pathology/ *CONNECTIVE TISSUE CELLS, metabolism/ ENGLISH ABSTRACT/ FIBRINOGEN/ HUMAN/ LIPOPROTEINS/ NECROSIS/ RABBITS/ RATS/ SULFATES, metabolism/ SULFUR ISOTOPES/ THROMBOSIS

3139. **Hauss WH, Schmitt G, Knoche H, et al:** Uber die Callusbildung nach Knochenbruch.
Chirurg 44:263-8, Jun 73 (Ger)
ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ BONE REGENERATION/ *CALLUS, physiology/ CELL DIVISION/ ENGLISH ABSTRACT/ FRACTURES, complications/ *FRACTURES, physiopathology/ HEMATOMA, etiology/ HEMATOMA, physiopathology/ HINDLIMB/ MALE/ *MONOCYTES, physiology/ NEUTROPHILS/ OSTEOBLASTS, physiology/ PERIOSTEUM, cytology/ PERIOSTEUM, physiology/ RATS/ RATS, INBRED STRAINS/ THYMIDINE/ TIME FACTORS/ TRITIUM

3140. **Haust MD:** Regressive and progressive changes of intimal smooth muscle cells in atherosclerosis.
Verh Dtsch Ges Inn Med 78:1124-38, 1972
AORTA, physiopathology/ *ARTERIOSCLEROSIS, physiopathology/ FATTY STREAK, ARTERIAL, physiopathology/ HUMAN/ MICROSCOPY, ELECTRON/ *MUSCLE, SMOOTH, physiopathology

3141. **Haut MJ, Cowan DH, Harris JW:** Platelet function and survival in sickle cell disease.
J Lab Clin Med 82:44-53, Jul 73
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADULT/ *ANEMIA, SICKLE CELL, blood/ BILIRUBIN, blood/ BLOOD CELL COUNT/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, physiology/ CELL SURVIVAL/ CHROMIUM ISOTOPES/ COLLAGEN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ ERYTHROCYTE COUNT/ ERYTHROCYTES, analysis/ FOLIC ACID, blood/ HEMATOCRIT/ HEMOGLOBIN, analysis/ HUMAN/ IN VITRO/ ISOTOPE LABELING/ LACTATE DEHYDROGENASE, blood/ LEUKOCYTE COUNT/ PLATELET ADHESIVENESS/ THROMBIN, pharmacodynamics

3142. **Havel RJ, Fielding CJ, Olivecrona T, et al:** Cofactor activity of protein components of human very low density lipoproteins in the hydrolysis of triglycerides by lipoproteins lipase from different sources.
Biochemistry 12:1828-33, 24 Apr 73
ADIPOSE TISSUE, enzymology/ ALANINE/ APOPROTEINS/ *BLOOD PROTEINS/ CATTLE/ ENZYME ACTIVATION/ GLUTAMATES/ HEPARIN/ HEPARIN, blood/ HEPARIN, pharmacodynamics/ HUMAN/ LECITHINS/ *LIPOPROTEIN LIPASE/ LIPOPROTEIN LIPASE, antagonists & inhibitors/ LIPOPROTEIN LIPASE, blood/ *LIPOPROTEINS, blood/ LIPOPROTEINS, VLDL, blood/ MALE/ MILK, enzymology/ PEPTIDES/ PEPTIDES, isolation & purification/ RATS/ SERINE/ SERUM ALBUMIN/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRIGLYCERIDES

3143. **Havemann K, Horvat M, Sodomann CP, et al:** Protease activity as a possible mechanism of migration inhibitory factor. Eur J Immunol 2:97-9, Feb 72
*CELL MIGRATION INHIBITION/ CELLS, CULTURED/ HUMAN/ *LYMPHOCYTES, immunology/ *PEPTIDE HYDROLASES, metabolism/ SNAKES/ TUBERCULIN, pharmacodynamics/ VENOMS, pharmacodynamics

3144. **Havemann O, Seidenschnur G:** Zur Frage der Wertigkeit der Hysterosalpingographie und Laparoskopie bei der Sterilitätsdiagnostik unter besonderer Berücksichtigung des Tubenfaktors.
Zentralbl Gynaekol 95:705-9, 25 May 73 (Ger)
ADHESIONS/ COMPARATIVE STUDY/ EVALUATION STUDIES/ FALLOPIAN TUBES, physiopathology/ FEMALE/ HUMAN/ *HYSTEROSALPINGOGRAPHY/ *LAPAROSCOPY/ *STERILITY, FEMALE, diagnosis/ STERILITY, FEMALE, etiology

3145. **Haviar V, Ričanský L, Kusá O, et al:** Effects of heparin

and clofibrate on blood-serum lipid levels in patients with ischaemic heart disease. Cor Vasa 14:188-96, 1972
ADULT/ AGED/ CHOLESTEROL, blood/ *CLOFIBRATE, pharmacodynamics/ *CORONARY DISEASE, blood/ FATTY ACIDS, blood/ FEMALE/ GLYCERIN, blood/ *HEPARIN, pharmacodynamics/ HUMAN/ *HYPERLIPEMIA, blood/ ISCHEMIA, blood/ *LIPIDS, blood/ LIPOPROTEINS, HDL, blood/ LIPOPROTEINS, LDL, blood/ MALE/ MIDDLE AGE/ PHOSPHOLIPIDS, blood

3146. **Havlíček J, Havlíčková H:** Intracellular antigens of Streptococcus pyogenes. Isolation by means of column chromatography.
Pathol Microbiol (Basel) 38:354-61, 1972
*ANTIGENS, BACTERIAL, isolation & purification/ CHROMATOGRAPHY, ION EXCHANGE/ GEL DIFFUSION TESTS/ GEL FILTRATION/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ RABBITS, immunology/ SEROTYPING/ *STREPTOCOCCUS PYOGENES, immunology/ TRYPSIN

3147. **Hawirko RZ, Chung KL, Magnusson AJ, et al:** Structural changes associated with extraction of group E spore antigen of Clostridium botulinum.
J Bacteriol 112:1416-9, Dec 72
*ANTIGENS, BACTERIAL, isolation & purification/ CELL WALL/ *CLOSTRIDIUM, cytology/ CLOSTRIDIUM BOTULINUM, immunology/ HYDROCHLORIC ACID/ HYDROLYSIS/ MICROSCOPY, ELECTRON/ MICROSCOPY, PHASE CONTRAST/ MURAMIDASE/ SEROTYPING/ *SPORES, cytology/ SPORES, BACTERIAL, cytology/ SPORES, BACTERIAL, immunology/ TRYPSIN

3148. **Hawkins C:** Pain in haemophilia. Lancet 1:999, 5 May 73
*ASPIRIN, adverse effects/ *HEMOPHILIA, complications/ *HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HEMORRHAGE, GASTROINTESTINAL, prevention & control/ HUMAN/ INDOMETHACIN, administration & dosage/ *INDOMETHACIN, therapeutic use/ MALE/ *PAIN/ PHENYLBUTAZONE, administration & dosage/ *PHENYLBUTAZONE, therapeutic use/ SUPPOSITORIES

3149. **Hawkins RI:** The role of platelet function tests in the evaluation of drug toxicity.
Eur J Toxicol 5:37-42, Jan-Feb 72
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ASPIRIN, pharmacodynamics/ *BLOOD COAGULATION DISORDERS, chemically induced/ *BLOOD COAGULATION TESTS/ *BLOOD PLATELETS, drug effects/ CHOLESTEROL, pharmacodynamics/ CONTRACEPTIVES, ORAL, pharmacodynamics/ HEMOSTASIS/ HUMAN/ NOREPINEPHRINE, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ RABBITS

3150. **Hawley PR:** Causes and prevention of colonic anastomotic breakdown.
Dis Colon Rectum 16:272-7, Jul-Aug 73
ABSCESS, etiology/ ANIMAL EXPERIMENTS/ ANTISEPSIS/ BACTERIAL INFECTIONS, complications/ CLOSTRIDIOPEPTIDASE A, metabolism/ COLLAGEN, metabolism/ COLON, metabolism/ *COLOSTOMY/ COLOSTOMY, adverse effects/ EMERGENCIES/ FOREIGN BODIES, complications/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ PERITONITIS, etiology/ RABBITS/ SURGICAL WOUND DEHISCENCE, metabolism/ *SURGICAL WOUND DEHISCENCE, prevention & control/ SURGICAL WOUND INFECTION, complications/ SURGICAL WOUND INFECTION, etiology/ SUTURE TECHNICS/ WOUND HEALING/ WOUNDS AND INJURIES, complications

3151. **Hayakawa T, Perkins JP, Krebs EG:** Studies of the subunit structure of rabbit skeletal muscle phosphorylase kinase. Biochemistry 12:574-80, Feb 73
AMINO ACIDS, analysis/ CHROMATOGRAPHY/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION, drug effects/ GEL FILTRATION/ GLYCOGEN, biosynthesis/ MOLECULAR WEIGHT/ *MUSCLES, enzymology/ MUSCLES, metabolism/ PHOSPHATES, metabolism/ PHOSPHORUS ISOTOPES/ PHOSPHORYLASE KINASE, analysis/ *PHOSPHORYLASE KINASE, analysis/ PHOSPHORYLASE KINASE, isolation & purification/ RABBITS/ SODIUM DODECYL SULFATE/ SULFUR ISOTOPES/ TIME FACTORS/ TRYPSIN, pharmacodynamics/ ULTRACENTRIFUGATION

3152. **Hayano K, Tsubouchi Y, Fukui S:** 3-Ketoglucose reductase of Agrobacterium tumefaciens.
J Bacteriol 113:652-7, Feb 73
*AGROBACTERIUM, enzymology/ AGROBACTERIUM, growth & development/ AGROBACTERIUM, metabolism/ *ALCOHOL OXIDOREDUCTASES/ ALCOHOL OXIDOREDUCTASES, isolation & purification/ ALCOHOL OXIDOREDUCTASES, metabolism/ ALKALINE PHOSPHATASE, metabolism/ AMMONIUM SULFATE/ CATALYSIS/ CELL-FREE SYSTEM/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, PAPER/ CYTOPLASM, enzymology/ GLUCOSE, biosynthesis/ GLUCOSIDASE, metabolism/ GLYCOSIDE HYDROLASES, metabolism/ HEXOSES/ HEXOSES, metabolism/ HYDROGEN-ION CONCENTRATION/ NADP, metabolism/ OSMOSIS/ PRECIPITATION/ PROTAMINES/ SUCROSE, metabolism/ ULTRACENTRIFUGATION

3153. **Hayase S, Hosokawa S, Yamamoto T, et al:** [Effects of urokinase on the course of diffuse scleroderma]
Jap J Clin Med 31:873-9, Apr 73 (Jap)
ADULT/ FEMALE/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ *SCLERODERMA, SYSTEMIC, drug therapy

3154. **Hayashi H, Iwai K:** Calf thymus lysine- and serine-rich histone. II. Chymotryptic and thermolysin peptides.
J Biochem (Tokyo) 72:327-56, Aug 72
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ CATTLE/ CHEMISTRY/ CHROMATOGRAPHY/ CHYMOTRYPSIN/ *HISTONES, analysis/ HYDROLYSIS/ LYSINE, analysis/ *PEPTIDES, analysis/ SERINE, analysis/ THERMOLYSIN/ *THYMUS GLAND, analysis

3155. **Hayashi K:** [Blood and tissue fibrinolytic activities in patients of breast cancer and other various breast diseases] Jap J Surg 73:1604-23, Dec 72 (Jap)
ADULT/ AGED/ *BREAST DISEASES, metabolism/ *BREAST NEOPLASMS, metabolism/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ MIDDLE AGE

3156. **Hayashi R, Moore S, Stein WH:** Carboxypeptidase from yeast. Large scale preparation and the application to COOH-terminal analysis of peptides and proteins.
J Biol Chem 248:2296-302, 10 Apr 73
AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ AMMONIUM SULFATE/ AUTOLYSIS/ CARBOXYPEPTIDASES, analysis/ CARBOXYPEPTIDASES, antagonists & inhibitors/ *CARBOXYPEPTIDASES, isolation & purification/ CHROMATOGRAPHY, ION EXCHANGE/ GLUCAGON/ GLUCOSAMINE, analysis/ INSULIN/ ISOFLUROPHATE/ KINETICS/ METHODS/ MOLECULAR WEIGHT/ PEPTIDE PEPTIDOHYDROLASES, analysis/ PEPTIDES/ *PEPTIDES, analysis/ RIBONUCLEASE/ *SACCHAROMYCES CEREVISIAE, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP/ UREA

3157. **Hayashi Y:** Submolecular structure of subfragment-1 of the myosin molecule.
J Biochem (Tokyo) 72:83-100, Jul 72
ADENOSINE TRIPHOSPHATASE, metabolism/ AMINO ACIDS, analysis/ ANIMAL

EXPERIMENTS/ CARBON ISOTOPES/ CHROMATOGRAPHY, ION EXCHANGE/ DENSITOMETRY/ ELECTROPHORESIS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ MOLECULAR WEIGHT/ *MUSCLE PROTEINS/ MYOSIN/ MYOSIN, analysis/ PROTEIN CONFORMATION/ RABBITS/ TRYPSIN

3158. **Hayek HW, Schnack H, Widhalm S:** D-Penicillamin-Langzitherapie bei Morbus Wilson im Kindesalter. Veränderungen der Blutgerinnung und Auswirkungen auf das hämatopoetische System.
Wien Klin Wochenschr 85:122-5, 23 Feb 73 (Ger)
ADOLESCENCE/ BLOOD COAGULATION, drug effects/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HEMATOPOIESIS, drug effects/ *HEPATOLENTICULAR DEGENERATION, drug therapy/ HEPATOLENTICULAR DEGENERATION, familial & genetic/ HUMAN/ LONG TERM CARE/ MALE/ NEPHROTIC SYNDROME, chemically induced/ PEDIGREE/ PENICILLAMINE, adverse effects/ PENICILLAMINE, pharmacodynamics/ *PENICILLAMINE, therapeutic use

3159. **Hayes KC, Westmoreland NP, Faherty TP:** An aortitis in the squirrel monkey and its effect on atherosclerosis.
Exp Mol Pathol 17:334-7, Dec 72
ACANTHOCHEILONEMA/ ANIMAL EXPERIMENTS/ AORTA, pathology/ AORTIC DISEASES, complications/ AORTIC DISEASES, etiology/ *AORTIC DISEASES, pathology/ AORTIC DISEASES, therapy/ ARTERIOSCLEROSIS, complications/ *ARTERIOSCLEROSIS, pathology/ ARTERIOSCLEROSIS, therapy/ *ARTERITIS, complications/ ARTERITIS, etiology/ ARTERITIS, pathology/ AUTOPSY/ DIET, ATHEROGENIC/ DIET THERAPY/ DIETARY FATS/ FEMALE/ HISTOLOGICAL TECHNICS/ LEUKOCYTES/ MALE/ MICROSCOPY, ELECTRON/ MONKEYS/ NEMATODE INFECTIONS, complications/ PLASMA CELLS

3160. **Hayne OA, Sherman LA:** In vivo behavior of fibrinogen fragment D in experimental renal, hepatic and reticuloendothelial dysfunction.
Am J Pathol 71:219-38, May 73
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY/ FIBRINOGEN, isolation & purification/ *FIBRINOGEN, metabolism/ FREUND'S ADJUVANT/ GEL FILTRATION/ HEPATECTOMY/ IMMUNE SERUMS, analysis/ IMMUNOELECTROPHORESIS/ IODINE ISOTOPES/ *KIDNEY DISEASES, blood/ KIDNEY DISEASES, metabolism/ *LIVER DISEASES, blood/ LIVER DISEASES, metabolism/ NEPHRECTOMY/ RABBITS/ *RETICULOENDOTHELIAL SYSTEM, physiopathology

3161. **Hearing VJ:** Tyrosinase activity in subcellular fractions of black and albino mice.
Nature [New Biol] 245:81-3, 19 Sep 73
*ALBINISM, enzymology/ ANIMAL EXPERIMENTS/ DIPHENOL OXIDASES, antagonists & inhibitors/ *DIPHENOL OXIDASES, metabolism/ EYE, cytology/ *EYE, enzymology/ EYE, metabolism/ IN VITRO/ MELANIN, biosynthesis/ *MELANOCYTES, enzymology/ MICE/ MICE, INBRED BALB C/ MICE, INBRED C57BL/ MICROSOMES, enzymology/ PHOSPHOLIPASE, pharmacodynamics/ *PIGMENTATION/ RIBONUCLEASE, pharmacodynamics/ SUBCELLULAR FRACTIONS, enzymology/ SURFACE-ACTIVE AGENTS, pharmacodynamics/ TRYPSIN, pharmacodynamics

3162. **Hecht A, Guski H, Kunde D, et al:** Morphologische Befunde an Koronararterien und Myokard des Kaninchens bei experimenteller Fütterungsatheromatose.
Exp Pathol (Jena) 7:29-35, 1972 (Ger)
ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ ARTERIOSCLEROSIS, enzymology/ ARTERIOSCLEROSIS, etiology/ *ARTERIOSCLEROSIS, pathology/ CHOLESTEROL, DIETARY/ CORONARY VESSELS, enzymology/ *CORONARY VESSELS, pathology/ DIET, ATHEROGENIC/ DISEASE MODELS, ANIMAL/ ENGLISH ABSTRACT/ LACTATE DEHYDROGENASE, metabolism/ MYOCARDIAL INFARCT, enzymology/ MYOCARDIAL INFARCT, pathology/ MYOCARDIUM, enzymology/ *MYOCARDIUM, pathology/ NECROSIS/ RABBITS/ SUCCINATE DEHYDROGENASE, metabolism

3163. **Hecht Y, Ben Amar A, Touboul JP, et al:** Evaluation de la fonction parenchymateuse hépatique. Apport de la pente d'épuration du galactose. Etude par analyses statistiques multidimensionnelles.
Nouv Presse Med 1:3133-4, 23 Dec 72 (Fre)
FACTOR V, analysis/ GALACTOSE, blood/ *GALACTOSE, diagnostic use/ *HEPATITIS, physiopathology/ HUMAN/ *LIVER CIRRHOSIS, physiopathology/ *LIVER FUNCTION TESTS/ METHODS/ SULFOBROMOPHTHALEIN, diagnostic use

3164. **Heck J, Gehrmann G:** Mikroangiopathische hämolytische Anämie bei metastasierenden Malignomen.
Verh Dtsch Ges Inn Med 77:425-7, 1971 (Ger)
ADULT/ *ANEMIA, HEMOLYTIC, etiology/ BLOOD TRANSFUSION/ *CARCINOMA, complications/ ERYTHROCYTES, ABNORMAL/ FEMALE/ HEMORRHAGIC DIATHESIS/ HUMAN/ MALE/ NEOPLASM METASTASIS/ *STOMACH NEOPLASMS, complications

3165. **Heck J, Gehrmann G:** Probleme des Evans-Syndroms. Klinischer und nuklearmedizinischer Beitrag.
Dtsch Med Wochenschr 98:1163-8, 8 Jun 73 (Ger)
ADULT/ *ANEMIA, HEMOLYTIC, AUTOIMMUNE, diagnosis/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, drug therapy/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, surgery/ CHROMIUM ISOTOPES, diagnostic use/ COOMBS' TEST/ CORTISONE, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LEUKOPENIA, diagnosis/ LEUKOPENIA, drug therapy/ LEUKOPENIA, surgery/ MALE/ MERCAPTOPURINE, therapeutic use/ MIDDLE AGE/ *PURPURA, THROMBOPENIC, diagnosis/ PURPURA, THROMBOPENIC, drug therapy/ PURPURA, THROMBOPENIC, surgery/ SPLENECTOMY/ SYNDROME

3166. **Heckmann K:** Beitrag zur Pathologie seltener Angiosarkome der Orbita: Hämangioperizytom und Hämangioendotheliom.
Ophthalmologica 166:36-47, 1973 (Ger)
AGED/ CELL DIVISION/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOENDOTHELIOMA, pathology/ *HEMANGIOPERICYTOMA, pathology/ HUMAN/ *ORBITAL NEOPLASMS, pathology

3167. **Hedner U, Nilsson IM:** Parallel determinations of FDP and fibrin monomers with various methods.
Thromb Diath Haemorrh 28:268-79, 31 Oct 72
ALCOHOL, ETHYL/ *BLOOD COAGULATION TESTS/ EVALUATION STUDIES/ FEMALE/ *FIBRIN, analysis/ *FIBRINOGEN, analysis/ HEMATOLOGIC DISEASES/ HUMAN/ KIDNEY DISEASES, blood/ LIVER DISEASES, blood/ MALE/ NEOPLASMS, blood/ PEPTIDE HYDROLASES/ POSTOPERATIVE COMPLICATIONS, blood/ PREGNANCY/ PROTAMINES, blood/ PUERPERIUM/ SNAKES/ THROMBIN/ VENOMS

3168. **Hedvall G:** Barn med cyanotiska vitier--generella symptom och kompensationsmekanismer.
Lakartidningen 70:833-6, 28 Feb 73 (Swe)
ADOLESCENCE/ ANOXIA/ BLOOD COAGULATION DISORDERS, complications/ BLOOD VISCOSITY/ BLOOD VOLUME/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ GROWTH DISORDERS, complications/ *HEART DEFECTS, CONGENITAL/ HEART DEFECTS,

CONGENITAL, complications/ HEMOGLOBIN, metabolism/ HUMAN/ INFANT/ MENTAL RETARDATION, complications/ OXYGEN CONSUMPTION/ THROMBOSIS, etiology

3169. **Heefner WA:** Dissecting hematoma of the coronary artery. A possible complication of oral contraceptive therapy. JAMA 223:550-1, 29 Jan 73
ADULT/ AORTA, pathology/ ARTERIES/ ARTERIES, pathology/ AUTOPSY/ *CONTRACEPTIVES, ORAL, adverse effects/ *CORONARY VESSELS/ CORONARY VESSELS, pathology/ FEMALE/ *HEART ANEURYSM, chemically induced/ HEART ANEURYSM, pathology/ *HEMATOMA, chemically induced/ HEMATOMA, complications/ HUMAN/ MYOCARDIAL INFARCT, diagnosis

3170. **Heene DL, Lasch HG:** Leistungsfähigkeit und Grenzen der Labordiagnostik diffuser intravasculärer Gerinnungsprozesse.
Internist (Berlin) 14:154-9, Apr 73 (Ger)
*AFIBRINOGENEMIA, blood/ AFIBRINOGENEMIA, physiopathology/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CHROMIUM ISOTOPES/ *DISSEMINATED INTRAVASCULAR COAGULATION, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ FACTOR XIII, analysis/ FIBRIN, analysis/ FIBRIN, metabolism/ FIBRINOGEN, analysis/ FIBRINOGEN, metabolism/ FIBRINOLYSIN, analysis/ HUMAN/ IODINE ISOTOPES/ METHODS/ SELENIUM/ THROMBIN, analysis

3171. **Heene R:** Histological and histochemical findings in muscle spindles in dystrophia myotonica.
J Neurol Sci 18:369-72, Apr 73
*ADENOSINE TRIPHOSPHATASE, metabolism/ ADULT/ *GLYCEROLPHOSPHATE DEHYDROGENASE, metabolism/ *GLYCOGEN, metabolism/ HISTOCYTOCHEMISTRY/ HUMAN/ MIDDLE AGE/ MUSCLES, enzymology/ *MUSCLES, pathology/ MYOSIN/ MYOTONIA ATROPHICA, enzymology/ *MYOTONIA ATROPHICA, pathology/ NADH, NADPH OXIDOREDUCTASES, metabolism/ NEUROMUSCULAR SPINDLES, enzymology/ *NEUROMUSCULAR SPINDLES, pathology/ *OXIDOREDUCTASES, metabolism/ VITAMIN K

3172. **Hegedüs-Wein I, Szabó E, Szám I:** Ionenaustausch-Mikromethode zur Ammoniakbestimmung im Blut.
Z Gesamte Inn Med 28:241-2, 15 Apr 73 (Ger)
*AMMONIA, blood/ CAPILLARIES/ CHROMATOGRAPHY, ION EXCHANGE/ ENGLISH ABSTRACT/ HEPARIN/ HUMAN/ ION EXCHANGE RESINS/ METHODS/ VEINS

3173. **Heidelbaugh ND, Rowley DB, Powers EM, et al:** Microbiological testing of Skylab foods.
Appl Microbiol 25:55-61, Jan 73
AEROBIOSIS/ *BACTERIA, isolation & purification/ BACTERIOLOGICAL TECHNICS/ BEVERAGES/ *CLOSTRIDIUM PERFRINGENS, isolation & purification/ COAGULASE, biosynthesis/ *ESCHERICHIA COLI, isolation & purification/ FOOD CONTAMINATION/ FOOD HANDLING/ *FOOD MICROBIOLOGY/ FOOD PRESERVATION/ *FUNGI, isolation & purification/ HEAT/ REFRIGERATION/ *SALMONELLA, isolation & purification/ *SPACE FLIGHT/ STAPHYLOCOCCUS, enzymology/ *STAPHYLOCOCCUS, isolation & purification/ *YEASTS, isolation & purification

3174. **Heidemann ER, Harrap BS, Schiele HD:** Hybrid formation between collagen and synthetic polypeptides. Biochemistry 12:2958-63, 31 Jul 73
ALANINE/ AMINO ACIDS, analysis/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ *COLLAGEN/ GEL FILTRATION/ GLYCINE/ HYBRIDIZATION/ MOLECULAR CONFORMATION/ MOLECULAR WEIGHT/ OPTICAL ROTATION/ *PEPTIDES/ PEPTIDES, chem synthesis/ PROLINE/ PROTEIN BINDING/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ RABBITS/ SERINE/ SKIN/ TEMPERATURE/ TROPOMYOSIN, analysis

3175. **Heiman JL:** Alcohol-induced thrombocytopenia: review of the literature and report of case.
J Am Dent Assoc 85:1358-61, Dec 72 (17 ref.)
ACUTE DISEASE/ *ALCOHOLISM, complications/ BLOOD PLATELETS/ CASE REPORT/ *HEMORRHAGE, ORAL, etiology/ HUMAN/ HYPERSENSITIVITY/ LIVER FUNCTION TESTS/ MALE/ MIDDLE AGE/ REVIEW/ *THROMBOPENIA, etiology

3176. **Heimburger N:** Inactivation of antithrombin 3 by fatty acids.
Hoppe Seylers Z Physiol Chem 353:1957-61, Dec 72
*ANTITHROMBIN, antagonists & inhibitors/ BINDING, COMPETITIVE/ BINDING SITES/ CALCIUM/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL DIFFUSION TESTS/ HEPARIN/ HUMAN/ IMMUNOELECTROPHORESIS/ *OLEIC ACID, pharmacodynamics/ PROTEIN BINDING/ SERUM ALBUMIN/ THROMBIN

3177. **Heimburger N:** The mechanism of action of streptokinase. J Clin Pathol 25:632-3, Jul 72
BINDING SITES/ CATTLE/ ELECTROPHORESIS/ FIBRINOLYSIN/ HUMAN/ MODELS, CHEMICAL/ PLASMINOGEN/ *STREPTOKINASE

3178. **Heimburger N, Haupt H, Kranz T, et al:** Humanserumproteine mit hoher Affinität zu Carboxymethylcellulose. II. Physikalisch-chemische und immunologische Charakterisierung eines histidinreichen 3,8S- 2 -Glykoproteins (CM-Protein I.
Hoppe Seylers Z Physiol Chem 353:1133-40, Jul 72 (Ger)
ADULT/ ALPHA GLOBULIN/ ARGININE/ *BLOOD PROTEINS/ BLOOD PROTEINS, analysis/ CHEMISTRY, PHYSICAL/ ENGLISH ABSTRACT/ GEL DIFFUSION TESTS/ GEL FILTRATION/ *GLYCOPROTEINS/ HEPARIN/ HISTIDINE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ ISOELECTRIC FOCUSING/ LYSINE/ METHYLCELLULOSE/ MOLECULAR WEIGHT/ NEURAMINIDASE/ PROLINE/ PROTAMINES/ TRYPTOPHAN/ ULTRACENTRIFUGATION

3179. **Heimer R, Abrusso JL:** A latex test for the detection of human IgG aggregates and IgG anti-IgG antibody.
Immunochemistry 9:921-31, Sep 72
ADSORPTION/ *ANTI-ANTIBODIES, analysis/ ARTHRITIS, immunology/ ARTHRITIS, RHEUMATOID, immunology/ BLOOD VISCOSITY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ GEL FILTRATION/ HEMATOLOGIC DISEASES, immunology/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *IGG, analysis/ *LATEX FIXATION TESTS/ MERCAPTOETHANOL/ MYOSITIS, immunology/ RHEUMATOID FACTOR, analysis/ TEMPERATURE/ TIME FACTORS

3180. **Heimpel H:** Kernschatten bei chronischer Lymphadenose.
Dtsch Med Wochenschr 98:289, 9 Feb 73 (Ger)
CELL NUCLEUS/ HUMAN/ *LEUKEMIA, LYMPHOCYTIC, blood/ LYMPHOCYTES/ THROMBOPENIA, blood

3181. **Heimsoth VH, Graffe-Achelis C:** Zur Pathophysiologie und Klinik der bilateralen Nierenrindennekrose.
Verh Dtsch Ges Inn Med 78:1476-9, 1972 (Ger)
ADULT/ FEMALE/ HUMAN/ INFANT/ *KIDNEY CORTEX NECROSIS, diagnosis/ KIDNEY CORTEX NECROSIS, drug therapy/ KIDNEY CORTEX NECROSIS, therapy/ PERITONEAL DIALYSIS/ STREPTOKINASE, therapeutic use

3182. **Heine H, Schmidt H, Jahn E, et al:** Resultate einer Antikoagulantien-Langzeitdispensairebetreuung bei Patienten mit Herzinfarkt und peripherer Arteriosklerose.
Z Gesamte Inn Med 28:27-30, 15 Jan 73 (Ger)
AMPUTATION/ *ANTICOAGULANTS,

therapeutic use/ ARTERIAL OCCLUSIVE DISEASES, drug therapy/ *ARTERIOSCLEROSIS, drug therapy/ ARTERIOSCLEROSIS OBLITERANS, rehabilitation/ ENGLISH ABSTRACT/ HUMAN/ LONG TERM CARE/ *MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, rehabilitation/ TIME FACTORS

3183. **Heine H, Schmidt H, Jahn E, et al:** Herzinfarkt und arterielle periphere Durchblutungsstörungen und ihre klinische Prognose.
Dtsch Gesundheitsw 27:2209-12, 23 Nov 72 (Ger)
AGED/ ANTICOAGULANTS, therapeutic use/ *ARTERIAL OCCLUSIVE DISEASES, diagnosis/ ARTERIAL OCCLUSIVE DISEASES, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, diagnosis/ MYOCARDIAL INFARCT, drug therapy/ PROGNOSIS

3184. **Heinegård D:** Hyaluronidase digestion and alkaline treatment of bovine tracheal cartilage proteoglycans. Isolation and characterisation of different keratan sulfate proteins.
Biochim Biophys Acta 285:193-207, 28 Nov 72
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CARBOXYPEPTIDASES/ *CARTILAGE, analysis/ CATTLE/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ GLUCOSAMINE, analysis/ GLUTAMATES, analysis/ GLUTAMINE, analysis/ HYALURONIDASE/ HYDROXIDES/ LEUCINE AMINOPEPTIDASE/ LITHIUM/ *MUCOPOLYSACCHARIDES/ MUCOPOLYSACCHARIDES, analysis/ MUCOPOLYSACCHARIDES, isolation & purification/ PAPAIN/ PROLINE, analysis/ PROTEINS, analysis/ *TRACHEA, analysis/ TRYPSIN

3185. **Heineken FG, O'Connor RJ:** Continuous culture studies on the biosynthesis of alkaline protease, neutral protease and -amylase by Bacillus subtilis NRRL-B3411. J Gen Microbiol 73:35-44, Nov 72
*AMYLASE, biosynthesis/ *BACILLUS SUBTILIS, enzymology/ BACILLUS SUBTILIS, growth & development/ BACILLUS SUBTILIS, metabolism/ CASEIN, metabolism/ CULTURE MEDIA/ FERMENTATION/ GLUCOSE, metabolism/ GLUTAMATES, metabolism/ MUTATION/ NITROGEN, metabolism/ *PEPTIDE HYDROLASES, biosynthesis

3186. **Heinicke RM, Wal L van der, Yokoyama M:** Effect of bromelain (Ananase) on human platelet aggregation.
Experientia 28:844-5, 15 Jul 72
ADENOSINE DIPHOSPHATE, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ *BROMELAINS, pharmacodynamics/ HUMAN/ *PLATELET ADHESIVENESS, drug effects

3187. **Heinrich D, Escolar J, Mueller-Eckhardt C:** HL-A-spezifische antilymphocytäre und antithrombocytäre Antikörper als ursache von Transfusionsreaktionen.
Verh Dtsch Ges Inn Med 77:1135-8, 1971 (Ger)
*ANTIBODIES, analysis/ ANTIBODY SPECIFICITY/ ANTIGEN-ANTIBODY REACTIONS/ *BLOOD PLATELETS, immunology/ *BLOOD TRANSFUSION, adverse effects/ COMPLEMENT FIXATION TESTS/ *HISTOCOMPATIBILITY ANTIGENS/ HUMAN/ *LYMPHOCYTES, immunology

3188. **Heinrichs C, Steinitz L:** Verbrauchskoagulopathien im Kindesalter.
Z Aerztl Fortbild (Jena) 66:853-9, 1 Sep 72 (Ger)
AGE FACTORS/ ASPERGILLOSIS, complications/ BLOOD COAGULATION/ CHILD/ CHILD, PRESCHOOL/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENTEROCOLITIS, ACUTE, complications/ FEVER, complications/ FIBRINOGEN/ FIBRINOLYSIN/ FIBRINOLYSIS/ HUMAN/ ILIAC VEIN/ INFANT/ INFANT, NEWBORN/ INFANT NUTRITION DISORDERS, complications/ PLASMINOGEN/ PROTHROMBIN/ SEPTICEMIA, complications/ SHOCK, HEMORRHAGIC, complications/ THROMBOPHLEBITIS, complications/ TONSILLECTOMY, adverse effects

3189. **Heinrikson RL, Russell J:** Structural studies of bovine liver thiosulfate sulfurtransferase. 3. Isolation and sequence analysis of the tryptic peptides containing tryptophan.
Biochim Biophys Acta 278:546-55, 31 Oct 72
ALKYLATION/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CARBON ISOTOPES/ CATALYSIS/ CATTLE/ CYANIDES/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ *LIVER, enzymology/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ *PEPTIDES, analysis/ PEPTIDES, isolation & purification/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *SULFURTRANSFERASES, analysis/ THIOSULFATES/ TOSYL COMPOUNDS/ TRYPSIN/ TRYPTOPHAN/ *TRYPTOPHAN, analysis

3190. **Heinrikson RL, Sterner R, Noyes C, et al:** On the subunit structure of yeast inorganic pyrophosphatase.
J Biol Chem 248:2521-8, 10 Apr 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ARGININE, analysis/ AUTOANALYSIS/ CARBOXYPEPTIDASES/ CHEMISTRY/ CHROMATOGRAPHY, GAS/ ELECTROPHORESIS, PAPER/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ GUANIDINES/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ *PYROPHOSPHATASES/ PYROPHOSPHATASES, analysis/ *SACCHAROMYCES CEREVISIAE, enzymology/ SODIUM DODECYL SULFATE/ THIOHYDANTOINS, analysis/ TRYPSIN/ TRYPTOPHAN, analysis

3191. **Heinz ER, Geeter D, Gabrielsen TO:** Cortical vein thrombosis in the dog with a review of aseptic intracranial venous thrombosis in man.
Acta Radiol [Diagn] (Stockh) 13:105-14, 1972
ANIMAL EXPERIMENTS/ CEREBRAL ANGIOGRAPHY/ CEREBRAL CORTEX, blood supply/ CEREBRAL CORTEX, pathology/ CEREBRAL EMBOLISM AND THROMBOSIS, chemically induced/ *CEREBRAL EMBOLISM AND THROMBOSIS, pathology/ CEREBRAL EMBOLISM AND THROMBOSIS, radiography/ DOGS/ HEMOSTATICS/ HUMAN/ PHLEBOGRAPHY/ THROMBOPHLEBITIS, chemically induced/ *THROMBOPHLEBITIS, pathology/ THROMBOPHLEBITIS, radiography/ TIME FACTORS/ *VEINS, pathology

3192. **Heiskanen O, Vapalahti M:** Temporal lobe contusion and haematoma. Acta Neurochir (Wien) 27:29-35, 1972
ADOLESCENCE/ ADULT/ AGE FACTORS/ CAROTID BODY, radiography/ CEREBRAL ANGIOGRAPHY/ CEREBRAL HEMORRHAGE, complications/ CEREBRAL HEMORRHAGE, mortality/ *CEREBRAL HEMORRHAGE, surgery/ CHILD/ CHILD, PRESCHOOL/ CONTUSIONS, complications/ CONTUSIONS, mortality/ *CONTUSIONS, surgery/ HEMATOMA, complications/ HEMATOMA, mortality/ *HEMATOMA, surgery/ HEMATOMA, EPIDURAL, surgery/ HEMATOMA, SUBDURAL, surgery/ HUMAN/ INFANT/ MIDDLE AGE/ NEUROLOGIC MANIFESTATIONS/ PROGNOSIS/ *TEMPORAL LOBE, injuries/ TEMPORAL LOBE, surgery/ TIME FACTORS

3193. **Heissmeyer H, Stein U, Grub R, et al:** The effect of galactosamine on the activity of lysosomal peptidehydrolases of the liver depending on the age of rats. Horm Metab Res 5:93-7, Mar 73
AGING/ ANIMAL EXPERIMENTS/ CARBOXYPEPTIDASES, metabolism/ CATHEPSIN, metabolism/ FEMALE/

GALACTOSAMINE/ *GALACTOSAMINE, pharmacodynamics/ HEPATITIS, chemically induced/ LIVER, cytology/ *LIVER, enzymology/ LIVER, growth & development/ LIVER, pathology/ *LYSOSOMES, enzymology/ *PEPTIDE HYDROLASES, metabolism/ PROTEINS, analysis/ RATS/ TIME FACTORS

3194. **Heisto H:** Studies on the agglutinin accompanying the warm haemolysin active against trypsinized red cells.
Vox Sang 24:12-20, Jan 73
*AGGLUTININS, analysis/ BLOOD PRESERVATION/ ERYTHROCYTES, drug effects/ *ERYTHROCYTES, immunology/ FREEZING/ HEMAGGLUTINATION TESTS/ *HEMOLYSINS, analysis/ HEMOLYSIS/ HUMAN/ SERUM ALBUMIN, BOVINE/ TEMPERATURE/ *TRYPSIN, pharmacodynamics/ TRYPSIN INHIBITORS

3195. **Heitzman ER, Markarian B, Solomon J:** Chronic obstructive pulmonary disease. A review, emphasizing roentgen pathologic correlations.
Radiol Clin North Am 11:49-75, Apr 73 (69 ref.)
ADULT/ ASTHMA, radiography/ BRONCHIECTASIS, congenital/ BRONCHIECTASIS, etiology/ BRONCHIECTASIS, pathology/ BRONCHIECTASIS, radiography/ BRONCHITIS, pathology/ BRONCHITIS, radiography/ CHILD/ CYSTIC FIBROSIS, complications/ CYSTIC FIBROSIS, radiography/ HUMAN/ *LUNG DISEASES, OBSTRUCTIVE, radiography/ MALE/ PULMONARY EMPHYSEMA, enzymology/ PULMONARY EMPHYSEMA, familial & genetic/ PULMONARY EMPHYSEMA, pathology/ PULMONARY EMPHYSEMA, radiography/ REVIEW/ TRYPSIN INHIBITORS, metabolism

3196. **Heldebrant CM, Mann KG:** The activation of prothrombin. I. Isolation and preliminary characterization of intermediates.
J Biol Chem 248:3642-52, 25 May 73
ALKYLATION/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BLOOD PROTEINS, isolation & purification/ CARBOHYDRATES, analysis/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CITRATES/ CYSTEINE, analysis/ DIALYSIS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ FACTOR X/ GEL FILTRATION/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ *PROTHROMBIN/ PROTHROMBIN, analysis/ PROTHROMBIN, isolation & purification/ SODIUM/ SODIUM DODECYL SULFATE/ SPECTROPHOTOMETRY/ THROMBIN, analysis/ TRYPSIN

3197. **Heli E:** Untersuchungen zur Pathophysiologie der orthotopen allogenen Lebertransplantation am Modell des Hausschweins.
Wien Klin Wochenschr 85:Suppl 4:1-18, 1973 (Ger)
ACIDOSIS, etiology/ ALANINE AMINOTRANSFERASE, metabolism/ ANIMAL EXPERIMENTS/ ASPARTATE AMINOTRANSFERASE, metabolism/ BILIRUBIN, blood/ BLOOD COAGULATION/ CADAVER/ ENGLISH ABSTRACT/ FEMALE/ GLUTAMATE DEHYDROGENASE, metabolism/ GRAFT REJECTION/ GRAFT VS HOST REACTION/ HYPOTHERMIA, INDUCED/ IRON, blood/ LACTATE DEHYDROGENASE, metabolism/ LIVER, enzymology/ LIVER, physiopathology/ *LIVER, transplantation/ LIVER CIRCULATION/ POSTOPERATIVE COMPLICATIONS/ SWINE/ TISSUE PRESERVATION/ TRANSPLANTATION, HOMOLOGOUS

3198. **Hellekant G:** The orbimeter: a new flowmeter for the measurement of small blood flows.
Med Biol Eng 11:431-5, Jul 73
ARTERIES/ *BLOOD FLOW VELOCITY/ BLOOD PRESSURE/ BLOOD VISCOSITY/ EQUIPMENT AND SUPPLIES/ HUMAN/ RHEOLOGY/ TRANSDUCERS

3199. **Hellem AJ:** Metabolic disorders of platelets.
Adv Intern Med 17:171-87, 1971 (69 ref.)
ADENINE, adverse effects/ ALDRICH SYNDROME, therapy/ BLOOD PLATELET DISORDERS, complications/ BLOOD PLATELET DISORDERS, etiology/ BLOOD PLATELET DISORDERS, familial & genetic/ *BLOOD PLATELET DISORDERS, metabolism/ BLOOD PLATELETS, analysis/ BLOOD PLATELETS, cytology/ BLOOD PLATELETS, metabolism/ BLOOD PROTEINS, metabolism/ CELL AGGREGATION/ CELL AGGREGATION, drug effects/ CLOFIBRATE, adverse effects/ FIBRINOGEN, blood/ HEMORRHAGE/ HEMOSTASIS/ HUMAN/ PHOSPHOLIPIDS, blood/ PROSTAGLANDINS, adverse effects/ PURPURA, THROMBOPENIC, familial & genetic/ REVIEW/ SEROTONIN, blood/ THROMBOPENIA, congenital/ THROMBOPENIA, familial & genetic/ UREMIA, etiology/ VON WILLEBRAND'S DISEASE, diagnosis

3200. **Heller MD, Irvine SR, Straatsma BR, et al:** Wound healing after cataract extraction and position of the vitreous in aphakic eyes as studied postmortem.
Trans Am Ophthalmol Soc 60:245-62, 1971
ADHESIONS, etiology/ ADULT/ AUTOPSY/ *CATARACT EXTRACTION/ DESCEMET'S MEMBRANE, pathology/ EPITHELIAL CELLS/ HUMAN/ MIDDLE AGE/ TIME FACTORS/ *VITREOUS BODY/ *WOUND HEALING

3201. **Heller P, Yakulis V, Bhoopalam N, et al:** Surface immunoglobulins on circulating lymphocytes in mouse and human plasmacytoma.
Trans Assoc Am Physicians 85:192-202, 1972
ANIMAL EXPERIMENTS/ BINDING SITES, ANTIBODY/ CATTLE/ DEOXYRIBONUCLEASE, pharmacodynamics/ ERYTHROCYTES, immunology/ GEL DIFFUSION TESTS/ HEMOLYTIC PLAQUE TECHNIC/ HUMAN/ IGG, analysis/ IGM, analysis/ *IMMUNOGLOBULINS, analysis/ IN VITRO/ *LYMPHOCYTES, immunology/ MICE/ MICE, INBRED BALB C/ MULTIPLE MYELOMA, immunology/ MYELOMA PROTEINS, analysis/ NEOPLASM TRANSPLANTATION/ *PLASMACYTOMA, immunology/ RIBONUCLEASE, pharmacodynamics/ RNA, NEOPLASM, pharmacodynamics/ SHEEP, immunology/ TRYPSIN, pharmacodynamics

3202. **Heller W, Junger H, Stolz C, et al:** Untersuchungen zum zellulären Eigenstoffwechsel von Konservenblut.
Hoppe Seylers Z Physiol Chem 353:1524, Oct 72 (Ger)
ADENOSINE TRIPHOSPHATE, blood/ *BLOOD CELLS, metabolism/ BLOOD PLATELETS/ *BLOOD PRESERVATION/ GLYCEROPHOSPHATES, blood/ HUMAN/ IN VITRO/ LACTATES, blood/ POTASSIUM, blood/ PYRUVATES, blood/ TIME FACTORS

3203. **Hellinger J, Ritter H, Eger H, et al:** Neoplasmasimulierende atypische Periostreaktionen.
Beitr Orthop Traumatol 19:721-31, Dec 72 (Ger)
ADOLESCENCE/ *BONE DISEASES, diagnosis/ BONE DISEASES, radiography/ BONE NEOPLASMS, diagnosis/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HEMATOMA, diagnosis/ HUMAN/ MALE/ *PERIOSTEUM/ SARCOMA, diagnosis

3204. **Hellmann E:** Enthalten aerobe Sporenbildner durch Trypsinverdauung aktivierbare Endotoxine.
Zentralbl Bakteriol [Orig A] 221:206-20, Jul 72 (Ger)
ANIMAL EXPERIMENTS/ ANTIGENIC DETERMINANTS/ BACILLUS, drug effects/ BACILLUS, immunology/ *BACILLUS, pathogenicity/ BACILLUS SUBTILIS, drug effects/ BACTERIOLYSIS/ COMPLEMENT FIXATION TESTS/ CULTURE MEDIA/ ENDOTOXINS, classification/ *ENDOTOXINS, toxicity/ ENGLISH ABSTRACT/ FOOD MICROBIOLOGY/ FOOD POISONING, microbiology/ LETHAL DOSE 50/ MICE/ NEUTRALIZATION TESTS/ RABBITS, immunology/ SPORES/ *TRYPSIN, pharmacodynamics

3205. **Hellstrom HR:** Vasospasm in ischemic heart disease--a hypothesis. Perspect Biol Med 16:427-40, Spring 73
ANGINA PECTORIS, etiology/ ANGIOTENSIN/ ANIMAL EXPERIMENTS/ *ARTERIAL OCCLUSIVE DISEASES, complications/ BLOOD PLATELETS/ CATECHOLAMINES/ *CORONARY DISEASE, etiology/ CORONARY DISEASE, history/ DOGS/ FEMALE/ FIBRINOLYSIS/ HUMAN/ MALE/ MYOCARDIAL INFARCT, etiology/ RENIN/ STRESS, PSYCHOLOGICAL

3206. **Hellström I, Hellström KE, Trentin JJ:** Cellular immunity and blocking serum activity in chimeric mice. Cell Immunol 7:73-84, Apr 73
ANIMAL EXPERIMENTS/ *ANTIBODIES/ ANTIGEN-ANTIBODY COMPLEX/ BONE MARROW CELLS, transplantation/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FIBROBLASTS, immunology/ GERM-FREE LIFE/ GRAFT VS HOST REACTION/ IMMUNE SERUMS/ *IMMUNITY, CELLULAR/ KARYOTYPING/ LYMPH NODES, cytology/ LYMPHOCYTES, immunology/ MICE/ MICE, INBRED BALB C/ MICE, INBRED CBA/ *RADIATION CHIMERA/ SKIN, transplantation/ TRANSPLANTATION, HOMOLOGOUS/ TRYPSIN, pharmacodynamics

3207. **Helium KB, Solberg CO:** Influence of anticoagulants on the nitroblue tetrazolium test.
Scand J Infect Dis 5:67-70, 1973
ADOLESCENCE/ ADULT/ AGED/ *ANTICOAGULANTS, pharmacodynamics/ BACTERIAL INFECTIONS, blood/ *BACTERIAL INFECTIONS, diagnosis/ BLOOD CELL COUNT/ CITRATES, pharmacodynamics/ *DYES, diagnostic use/ EDTA, pharmacodynamics/ ENDOTOXINS, pharmacodynamics/ HEPARIN, pharmacodynamics/ HUMAN/ METHODS/ MIDDLE AGE/ NEUTROPHILS, analysis/ *NEUTROPHILS, drug effects/ OXALATES, pharmacodynamics/ STAINS AND STAINING/ STIMULATION, CHEMICAL/ TETRAZOLIUM SALTS

3208. **Helmke U:** Untersuchungen über die Wirkung einer Trypsinbehandlung auf die Erythrozytenelimination bei der Ratte.
Folia Haematol (Leipz) 98:346-53, 1972 (Ger)
ANIMAL EXPERIMENTS/ CELL MEMBRANE, drug effects/ ENGLISH ABSTRACT/ *ERYTHROCYTE AGING, drug effects/ HEMATOCRIT/ MALE/ POLYCYTHEMIA VERA, drug therapy/ RATS/ RETICULOCYTES, drug effects/ *TRYPSIN, pharmacodynamics/ TRYPSIN, therapeutic use

3209. **Helmke U:** Auswirkungen einer Trypsinbehandlung auf die erythrozytenelimination bei gleichzeitiger Erythropoesehemmung.
Folia Haematol (Leipz) 99:223-9, 1973 (Ger)
ANIMAL EXPERIMENTS/ CELL MEMBRANE, analysis/ CYCLOPHOSPHAMIDE, pharmacodynamics/ ENGLISH ABSTRACT/ *ERYTHROCYTE AGING, drug effects/ ERYTHROCYTE COUNT/ ERYTHROCYTES, metabolism/ *ERYTHROPOIESIS, drug effects/ HEMATOCRIT/ HEMOLYSIS, drug effects/ MALE/ MEMBRANE POTENTIALS/ MUCOPROTEINS, analysis/ NEURAMINIC ACIDS, metabolism/ RATS/ SURFACE PROPERTIES/ *TRYPSIN, pharmacodynamics

3210. **Helting T, Lindahl U:** Biosynthesis of heparin. I. Transfer of N-acetylglucosamine and glucuronic acid to low-molecular weight heparin fragments.
Acta Chem Scand 26:3515-23, 1972
ACETYLTRANSFERASES, metabolism/ ALKALIES, pharmacodynamics/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ DEPRESSION, CHEMICAL/ *GLUCOSAMINE, metabolism/ *GLUCURONATES, metabolism/ GLUCURONATES, pharmacodynamics/ HEPARIN, analysis/ *HEPARIN, biosynthesis/ IN VITRO/ MICE/ MICROSOMES, drug effects/ MICROSOMES, metabolism/ MONOSACCHARIDES, metabolism/ SARCOMA, MAST CELL, enzymology/ SARCOMA, MAST CELL, metabolism/ SERINE, isolation & purification/ SERINE, metabolism/ SUBCELLULAR FRACTIONS, metabolism/ SURFACE-ACTIVE AGENTS, pharmacodynamics/ URONIC ACIDS, metabolism

3211. **Hemker HC:** De lotgevallen van protrombine bij vitamine-K-deficiëntie.
Ned Tijdschr Geneeskd 116:1877-80, 14 Oct 72 (Dut)
HUMAN/ *PROTHROMBIN, metabolism/ *VITAMIN K DEFICIENCY

3212. **Hemmes DE, Kojima-Buddenhagen ES, Hohl HR:** Structural and enzymatic analysis of the spore wall layers in Dictyostelium discoideum.
J Ultrastruct Res 41:406-17, Dec 72
AMYLASE, pharmacodynamics/ CELLULOSE/ CHROMATOGRAPHY, THIN LAYER/ FREEZE ETCHING/ GLYCOSIDE HYDROLASES, pharmacodynamics/ HYALURONIDASE, pharmacodynamics/ HYDROLYSIS/ MICROSCOPY, ELECTRON/ MYXOMYCETES, analysis/ *MYXOMYCETES, cytology/ MYXOMYCETES, drug effects/ MYXOMYCETES, growth & development/ PRONASE, pharmacodynamics/ *SPORES, cytology/ SPORES, FUNGAL, analysis/ SPORES, FUNGAL, cytology/ SPORES, FUNGAL, drug effects/ TRYPSIN, pharmacodynamics

3213. **Hemmi H:** [Analysis on the protective effect of anti-kinin and anti-kinin forming enzymes in experimental shock] Jap J Surg 73:808-20, Jul 72 (Jap)
ANAPHYLAXIS, prevention & control/ ANIMAL EXPERIMENTS/ *ANTIFIBRINOLYTIC AGENTS, therapeutic use/ BRADYKININ, antagonists & inhibitors/ GUINEA PIGS/ *KININS, antagonists & inhibitors/ KININS, physiology/ MICE/ RATS/ SHOCK, metabolism/ *SHOCK, prevention & control/ SHOCK, ENDOTOXIC, prevention & control/ SHOCK, TRAUMATIC, prevention & control

3214. **Hemminki K:** Preparation of viable and morphologically intact cells from newborn rat brain.
Exp Cell Res 75:379-84, Dec 72
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *BRAIN, cytology/ CELL MEMBRANE PERMEABILITY/ CELL NUCLEUS, analysis/ CELLS, CULTURED/ CENTRIFUGATION, DENSITY GRADIENT/ CULTURE MEDIA/ CYTOPLASM, analysis/ DNA, analysis/ LEUCINE, metabolism/ METHODS/ MICROSCOPY, ELECTRON/ MICROSOMES, analysis/ MITOCHONDRIA, analysis/ NERVE TISSUE PROTEINS, biosynthesis/ *NEURONS/ RATS/ RNA, analysis/ TRICHLOROACETIC ACID/ TRITIUM/ TRYPSIN

3215. **Henderson LE, Henriksson D, Nyman PO:** Amino acid sequence of human erythrocyte carbonic anhydrase C.
Biochem Biophys Res Commun 52:1388-94, 19 Jun 73
ALKYLATION/ AMIDINES/ *AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AMINOPEPTIDASES/ *CARBONIC ANHYDRASE, blood/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ DANSYL COMPOUNDS/ ELECTROPHORESIS, PAPER/ *ERYTHROCYTES, enzymology/ GEL FILTRATION/ HUMAN/ IODOACETATES/ LEUCINE AMINOPEPTIDASE/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ SUBTILISINS/ THERMOLYSIN/ THIOCYANATES/ TRYPSIN

3216. **Henderson R, Wang JH:** Catalytic configurations.
Annu Rev Biophys Bioeng 1:1-26, 1972 (117 ref.)
BINDING SITES/ CATALYSIS/ CHYMOTRYPSIN/ *MURAMIDASE/ PANCREATOPEPTIDASE/ *PEPTIDE PEPTIDOHYDROLASES/ POLYSACCHARIDES, BACTERIAL/ REVIEW/ *RIBONUCLEASE/ RNA/ TRYPSIN/ X-RAY DIFFRACTION

3217. **Henderson R, Wright CS, Hess GP, et al:** -Chymotrypsin: what can we learn about catalysis from x-ray diffraction?
Cold Spring Harbor Symp Quant Biol 36:63-70, 1971
ACETIC ACIDS/ ACRIDINES/ ACYLATION/ BENZYL COMPOUNDS/ BINDING SITES/ CATALYSIS/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, antagonists & inhibitors/ FORMIC ACIDS/ HISTIDINE/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ ISOMERISM/ METHYLATION/ MODELS, STRUCTURAL/ NITROPHENOLS/ PHENYLALANINE/ PROTEIN CONFORMATION/ SPECTROPHOTOMETRY/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPTOPHAN/ TYROSINE/ X-RAY DIFFRACTION

3218. **Hendricks ED:** Renal angiomyolipoma.
Arch Surg 106:728-9, May 73
ADULT/ CASE REPORT/ FEMALE/ HEMANGIOMA, radiography/ *HEMANGIOMA, surgery/ HUMAN/ KIDNEY NEOPLASMS, radiography/ *KIDNEY NEOPLASMS, surgery/ LIPOMA, radiography/ *LIPOMA, surgery/ NEPHRECTOMY/ RUPTURE, SPONTANEOUS/ UROGRAPHY

3219. **Hengst P, Apostoloff A:** Schwere hämorrhagische Diathese bei Lupus erythematodes visceralis in der Schwangeschaft.
Zentralbl Gynaekol 94:1014-8, 12 Aug 72 (Ger)
ADULT/ AGE FACTORS/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ CESAREAN SECTION/ DEXAMETHASONE, therapeutic use/ FEMALE/ *HEMORRHAGIC DIATHESIS, complications/ HEMORRHAGIC DIATHESIS, therapy/ HUMAN/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ LUPUS ERYTHEMATOSUS, SYSTEMIC, therapy/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ PREGNANCY COMPLICATIONS, drug therapy/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, complications/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, drug therapy

3220. **Hennemann HH, Stocker WG:**
Alpha-1-Antitrypsin-Mangel mit juvenilem Lungenemphysem: Defektdysproteinämie bei zwei Brüdern.
Dtsch Med Wochenschr 98:255-8, 9 Feb 73 (Ger)
ADULT/ BLOOD PROTEIN DISORDERS/ BLOOD PROTEIN DISORDERS, blood/ *BLOOD PROTEIN DISORDERS, complications/ BLOOD PROTEIN DISORDERS, familial & genetic/ ENGLISH ABSTRACT/ GEL DIFFUSION TESTS/ HUMAN/ MALE/ *PULMONARY EMPHYSEMA, complications/ PULMONARY EMPHYSEMA, etiology/ PULMONARY HEART DISEASE, complications/ *TRYPSIN INHIBITORS, blood

3221. **Henning H, Yano M:** Significance and practicability of Normotest in diagnosis of chronic liver diseases.
Scand J Gastroenterol [Suppl] 19:119-23, 1973
*BLOOD COAGULATION TESTS/ CHOLINESTERASE, blood/ CHRONIC DISEASE/ *FATTY LIVER, diagnosis/ FEMALE/ *HEPATITIS, diagnosis/ HUMAN/ INDICATORS AND REAGENTS/ LIPIDS, blood/ *LIVER CIRRHOSIS, diagnosis/ LIVER DISEASES, diagnosis/ LIVER DISEASES, enzymology/ MALE/ METHODS/ SERUM ALBUMIN, analysis/ THYMOL, diagnostic use

3222. **Henriques OB, Allan L:** Glass activated kallikrein from human plasma. Biochem Pharmacol 21:3163-9, 1 Dec 72
ANIMAL EXPERIMENTS/ BLOOD PROTEINS, analysis/ CATS/ COLON, drug effects/ DUODENUM, drug effects/ ENZYME ACTIVATION/ ESTERASES, analysis/ *GLASS/ GUINEA PIGS/ HEAT/ HUMAN/ ILEUM, drug effects/ IN VITRO/ JEJUNUM, drug effects/ KALLIKREIN, analysis/ KALLIKREIN, antagonists & inhibitors/ *KALLIKREIN, blood/ KALLIKREIN, pharmacodynamics/ KININS, analysis/ KININS, metabolism/ PLANT EXTRACTS, pharmacodynamics/ RATS/ TIME FACTORS/ TRYPSIN INHIBITORS, pharmacodynamics

3223. **Henry MC, Blair WH, Shefner AM, et al:** Beagle dog as predictor of schedule-dependent toxicity of 5-fluoro-2-deoxyuridine.
Toxicol Appl Pharmacol 23:532-4, Nov 72
ALANINE AMINOTRANSFERASE, blood/ ANIMAL EXPERIMENTS/ ASPARTATE AMINOTRANSFERASE, blood/ BLOOD PLATELETS, drug effects/ *DOGS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FLUORODEOXYURIDINE, administration & dosage/ *FLUORODEOXYURIDINE, toxicity/ INJECTIONS, INTRAVENOUS/ LEUKOCYTES, drug effects/ ORGAN SPECIFICITY/ SPECIES SPECIFICITY

3224. **Henry MC, Marlow M:** Preclinical toxicologic study of actinomycin D (NSC-3053).
Cancer Chemother Rep [Suppl] 4:Suppl:77-84, Jan 73
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, drug effects/ *DACTINOMYCIN, toxicity/ DOGS/ ERYTHROCYTE COUNT/ GASTROINTESTINAL SYSTEM, drug effects/ KIDNEY, drug effects/ LIVER, drug effects/ MACACA/ MONKEYS/ RETICULOCYTES, drug effects

3225. **Henry MC, Morrison RK, Brown DE, et al:** Preclinical toxicologic studies of -thioguanine deoxyriboside (NSC-71261).
Cancer Chemother Rep [Suppl] 4:Suppl:41-9, Jan 73
ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS, drug effects/ DOGS/ INJECTIONS, INTRAPERITONEAL/ LETHAL DOSE 50/ MACACA/ MICE/ MICE, INBRED BALB C/ MONKEYS/ NUCLEOSIDES, administration & dosage/ NUCLEOSIDES, toxicity/ THIOGUANINE, administration & dosage/ *THIOGUANINE, toxicity/ TIME FACTORS

3226. **Henson PM, Spiegelberg HL:** Release of serotonin from human platelets induced by aggregated immunoglobulins of different classes and subclasses.
J Clin Invest 52:1282-8, May 73
ANTIGEN-ANTIBODY COMPLEX/ BIPHENYL COMPOUNDS, pharmacodynamics/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, metabolism/ COMPLEMENT/ HEAT/ HUMAN/ IGG/ *IMMUNOGLOBULINS/ IMMUNOGLOBULINS, FAB/ IMMUNOGLOBULINS, FC/ LACTATE DEHYDROGENASE, metabolism/ MACROGLOBULINS/ MYELOMA PROTEINS/ PLATELET ADHESIVENESS/ *SEROTONIN, secretion/ TRITIUM

3227. **Hentschel E, Dittrich H, Havelec L:** Der Wert gerinnungsanalytischer Untersuchungen in der Verlaufsbeobachtung akuter Hepatiden.
Wien Med Wochenschr 122:500-4, 2 Sep 72 (Ger)
ACUTE DISEASE/ ASPARTATE AMINOTRANSFERASE, blood/ BLOOD COAGULATION FACTORS/ *BLOOD COAGULATION TESTS/ CHRONIC DISEASE/ *HEPATITIS, INFECTIOUS, blood/ HUMAN/ INDICATORS AND REAGENTS/ THROMBOPLASTIN, analysis

3228. **Hentschel E, Dittrich H, Havelec L:** Statistical evaluation of Normotest in a longitudinal study of hepatitis.
Scand J Gastroenterol [Suppl] 19:139-41, 1973
ACUTE DISEASE/ *ASPARTATE AMINOTRANSFERASE, blood/ ASPARTATE AMINOTRANSFERASE, metabolism/ *BLOOD COAGULATION TESTS/ FEMALE/ *HEPATITIS, INFECTIOUS, blood/ HUMAN/ INDICATORS AND REAGENTS/ LIVER FUNCTION TESTS/ MALE/ METHODS/ PROTHROMBIN TIME/ STATISTICS

3229. **Herbert RJ, Bennett B, Ogston D:** Effect of low-density lipoprotein preparations on plasmin.
Clin Sci 45:129-32, Jul 73
ALPHA GLOBULIN, analysis/ CASEIN/ CHEMISTRY/ DRUG ADULTERATION/

FIBRIN/ *FIBRINOLYSIN/ FIBRINOLYSIN, antagonists & inhibitors/ HUMAN/ *LIPOPROTEINS/ LIPOPROTEINS, LDL/ LIPOPROTEINS, LDL, isolation & purification/ MACROGLOBULINS, analysis/ TRYPSIN INHIBITORS, analysis

3230. **Herd JK, Motycka L:** Detection of proteolytic enzymes in agar electrophoresis.
Anal Biochem 53:514-21, Jun 73
CATTLE/ ELECTROPHORESIS/ HORSES/ HYALURONIC ACID/ HYALURONIDASE, analysis/ METHODS/ PAPAIN, analysis/ *PEPTIDE HYDROLASES, analysis/ PRONASE, analysis/ SERUM ALBUMIN, BOVINE/ TESTIS, enzymology

3231. **Herlache J, Hoskins P, Schmidt CM:** Ergotism. Unilateral brachial artery thrombosis secondary to ergotamine tartrate. Angiology 24:369-73, Jun 73
ADULT/ ANGIOGRAPHY/ *ARTERIAL OCCLUSIVE DISEASES, chemically induced/ ARTERIAL OCCLUSIVE DISEASES, radiography/ *BRACHIAL ARTERY/ BRACHIAL ARTERY, radiography/ ERGOTAMINE, administration & dosage/ *ERGOTAMINE, adverse effects/ ERGOTAMINE, therapeutic use/ *ERGOTISM, complications/ ERGOTISM, drug therapy/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIGRAINE, drug therapy/ SUPPOSITORIES/ *THROMBOSIS, chemically induced/ TIME FACTORS

3232. **Hermant JP, Bonte G:** Aspects inhabituels radiologique et anatomo-pathologique d'un angiome pulmonaire. J Radiol Electrol Med Nucl 54:283, Mar 73 (Fre)
ADULT/ FEMALE/ *HEMANGIOMA, diagnosis/ HEMANGIOMA, pathology/ HEMANGIOMA, radiography/ HUMAN/ LUNG, pathology/ *LUNG NEOPLASMS, diagnosis/ LUNG NEOPLASMS, pathology/ LUNG NEOPLASMS, radiography/ TUBERCULOSIS, PULMONARY, complications/ TUBERCULOSIS, PULMONARY, pathology/ TUBERCULOSIS, PULMONARY, radiography

3233. **Hermier M, Poncet J, Pouillaude JM, et al:** A propos d'une observation d'hypobêtalipoprotéinémie asymptomatique. Pediatrie 28:211-22, Mar 73 (Fre)
*ABETALIPOPROTEINEMIA, diagnosis/ *BONE DISEASES, DEVELOPMENTAL, familial & genetic/ CHILD, PRESCHOOL/ ELECTROPHORESIS, PAPER/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ FEMUR/ FIBRIN/ HUMAN/ INFANT/ PEDIGREE

3234. **Hermodson MA, Ericsson LH, Neurath H, et al:** Determination of the amino acid sequence of porcine trypsin by sequenator aalysis.
Biochemistry 12:3146-53, 14 Aug 73
ALKYLATION/ AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ AUTOANALYSIS/ BINDING SITES/ CALCIUM/ CATTLE/ CYANOGEN BROMIDE/ ENZYME ACTIVATION/ EVOLUTION/ GEL FILTRATION/ HYDROLYSIS/ HYDROXYLAMINES/ INDOLES/ NITROBENZENES/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SULFENIC ACIDS/ SWINE/ TRYPSIN/ *TRYPSIN, analysis

3235. **Hermodson MA, Ericsson LH, Titani K, et al:** Application of sequenator analyses to the study of proteins. Biochemistry 11:4493-502, 21 Nov 72
ACETAMIDES/ *AMINO ACID SEQUENCE/ ARGININE, analysis/ BENZYL COMPOUNDS/ BUFFERS/ BUTYRATES/ CHEMISTRY/ CHROMATOGRAPHY, GAS/ CYANOGEN BROMIDE/ CYSTEINE, analysis/ FLUORINE/ HISTIDINE, analysis/ HYDROXYLAMINES/ MACROMOLECULAR SYSTEMS/ METHODS/ METHYLAMINES/ *PROTEINS, analysis/ SILICON/ SWINE/ *THERMOLYSIN, analysis/ THIOCYANATES/ *TRYPSIN, analysis

3236. **Herndon JH Jr:** Pathophysiology of pruritus associated with elevated bile acid levels in serum.
Arch Intern Med 130:632-7, Oct 72 (48 ref.)
AXONS, physiology/ AXONS, physiopathology/ *BILE ACIDS AND SALTS, blood/ BILE ACIDS AND SALTS, pharmacodynamics/ CHOLESTYRAMINE, therapeutic use/ HUMAN/ LIVER CIRRHOSIS, OBSTRUCTIVE, complications/ LIVER CIRRHOSIS, OBSTRUCTIVE, physiopathology/ PEPTIDE HYDROLASES, pharmacodynamics/ PRURITUS, blood/ PRURITUS, drug therapy/ PRURITUS, enzymology/ PRURITUS, etiology/ *PRURITUS, physiopathology/ RECEPTORS, NEURAL, drug effects/ RECEPTORS, NEURAL, physiopathology/ REVIEW

3237. **Herold G, Neier WE, Straub PW:** Surface accumulation and reduced survival of I 125 -fibrinogen during wound healing. Helv Med Acta 37:57-61, 1973
FIBRIN/ *FIBRINOGEN, metabolism/ HALF-LIFE/ HUMAN/ IODINE ISOTOPES/ RADIOMETRY/ SURFACE PROPERTIES/ THROMBOPHLEBITIS, diagnosis/ *WOUND HEALING

3238. **Herold R, Straub PW:** Acute hepatic necrosis of hepatitis and mushroom poisoning. The value of coagulation tests in their differentiation, prognostic assessment and pathogenesis.
Helv Med Acta 37:5-24, 1973
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CHILD/ CHILD, PRESCHOOL/ FACTOR V, analysis/ FACTOR VIII, analysis/ FEMALE/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ *HEPATITIS, INFECTIOUS, blood/ *HEPATITIS, TOXIC, blood/ HEPATITIS, TOXIC, etiology/ HUMAN/ MALE/ MIDDLE AGE/ *MUSHROOM POISONING, complications/ PLASMINOGEN, analysis/ PROGNOSIS/ PROTHROMBIN TIME/ RETROSPECTIVE STUDIES/ THROMBIN, analysis

3239. **Herrera AE, Lehmann H:** The myoglobin of primates. 3. Cercopithecidae (Old World monkeys): Papio anubis (olive baboon) and Macaca fascicularis (=irus, crab-eating monkey).
Biochim Biophys Acta 278:465-81, 31 Oct 72
AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ AMMONIUM SULFATE/ ANIMAL EXPERIMENTS/ APOPROTEINS/ *BABOONS, metabolism/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ ELECTROPHORESIS, PAPER/ EVOLUTION/ HUMAN/ *MACACA, metabolism/ MONKEYS/ MUSCLES, analysis/ *MYOGLOBIN, analysis/ MYOGLOBIN, isolation & purification/ PEPSIN/ PEPTIDE PEPTIDOHYDROLASES/ PEPTIDES, analysis/ SOLUBILITY/ SPECIES SPECIFICITY/ THERMOLYSIN/ TRYPSIN

3240. **Herrera AE, Lehmann H:** The myoglobin of primates. 4. New World monkeys: Cebidae: (1) Saimiri sciureus (squirrel monkey); (2) Lagothrix lagothricha (Humboldt's woolly monkey). Callitrichidae: Callithrix jacchus (common marmoset).
Biochim Biophys Acta 317:65-84, 12 Jul 73
AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ APES/ BABOONS/ CHIMPANZEES/ CYANOGEN BROMIDE/ DANSYL COMPOUNDS/ EVOLUTION/ HUMAN/ MACACA/ MONKEYS, metabolism/ MUSCLES, analysis/ *MYOGLOBIN, analysis/ PEPSIN/ *PEPTIDES, analysis/ POLYMORPHISM (GENETICS)/ PRIMATES/ SPECIES SPECIFICITY/ SUBTILISINS/ THERMOLYSIN/ THIOCYANATES/ TRYPSIN

3241. **Herrmann RP, Davey MG, Skidmore PH:** The coagulation defect after envenomation by the bite of the dugite (Demansia nuchalis affinis), a Western Australian brown snake. Med J Aust 2:183-6, 22 Jul 72
ADULT/ ANTIVENINS, therapeutic use/ AUSTRALIA/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION DISORDERS,

drug therapy/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, drug effects/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PROTHROMBIN/ *SNAKE BITES, complications/ SNAKES/ SPECIES SPECIFICITY/ VENOMS, pharmacodynamics

3242. **Herschlein HJ, Steichele DF, Briel R:** Untersuchungen über die antifibrinolytische Wirkung der p-Aminomethylbenzoesäure (PAMBA) auf die lokale Aktivierung der Fibrinolyse im menschlichen Scheidengwebe und Myometrium.
Med Welt 23:1540-2, 21 Oct 72 (Ger)
ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ *BENZOATES, pharmacodynamics/ FEMALE/ *FIBRINOLYSIS, drug effects/ HUMAN/ METHYLAMINES, pharmacodynamics/ MUSCLE, SMOOTH, drug effects/ UTERUS, drug effects/ VAGINA, drug effects

3243. **Hersh EM, Gutterman JU, Mavligit G, et al:** Host defense, chemical immunosuppression, and the transplant recipient. Relative effects of intermittent versus continuous immunosuppressive therapy with reference to the objectives of treatment.
Transplant Proc 5:1191-5, Sep 73
ANTIBODY FORMATION/ ANTIGENS, BACTERIAL/ ANTIGENS, FUNGAL/ CANDIDA, immunology/ CYCLOPHOSPHAMIDE, therapeutic use/ CYTARABINE, therapeutic use/ DERMATOPHYTES, immunology/ DRUG COMBINATIONS/ HEMOCYANIN/ HUMAN/ HYPERSENSITIVITY, DELAYED, immunology/ *IMMUNITY/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ *LEUKEMIA, drug therapy/ LYMPHOCYTE TRANSFORMATION/ MUMPS, immunology/ PREDNISONE, therapeutic use/ REMISSION/ SKIN TESTS/ STREPTODORNASE AND STREPTOKINASE/ *TRANSPLANTATION IMMUNOLOGY/ VINCRISTINE, therapeutic use

3244. **Hertelendy F, Kipnis DM:** Studies on growth hormone secretion. V. Influence of plasma free fatty acid levels. Endocrinology 92:402-10, Feb 73
ACETATES, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD SUGAR, analysis/ EPINEPHRINE, pharmacodynamics/ *FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HEPARIN, pharmacodynamics/ HOMEOSTASIS/ INSULIN, blood/ INSULIN, pharmacodynamics/ MALE/ MALONATES, pharmacodynamics/ NICOTINIC ACID, pharmacodynamics/ PROPIONATES, pharmacodynamics/ PYRAZOLES, pharmacodynamics/ RADIOIMMUNOASSAY/ SALICYLATES, pharmacodynamics/ SHEEP/ *SOMATOTROPIN, blood/ STARVATION/ TRIGLYCERIDES, pharmacodynamics/ VASOPRESSIN, pharmacodynamics

3245. **Hervet E, Darbois Y, Barrat J:** Accident thrombo-embolique post-opératoire observé au cours de traitement oestro-progestatif. A propos d'une observation.
Bull Fed Soc Gynecol Obstet Lang Fr 23:568-9, Nov-Dec 71 (Fre)
ADULT/ BLOOD TRANSFUSION, adverse effects/ *CONTRACEPTIVES, ORAL, adverse effects/ *ESTROGENS, adverse effects/ FEMALE/ HEMATOMA, surgery/ HEPARIN, adverse effects/ HEPATITIS, INFECTIOUS, etiology/ HUMAN/ HYSTERECTOMY/ METRORRHAGIA, chemically induced/ *POSTOPERATIVE COMPLICATIONS, chemically induced/ *PROGESTATIONAL HORMONES, adverse effects/ *PULMONARY EMBOLISM, chemically induced/ PULMONARY EMBOLISM, therapy/ *UTERINE DISEASES, surgery/ UTERINE HEMORRHAGE, surgery

3246. **Herwig H:** Der arteriell-embolische Verschluss als ärztlicher Notfall.
Z Aerztl Fortbild (Jena) 66:1251-4, 15 Dec 72 (Ger)
ACUTE DISEASE/ ANTICOAGULANTS, therapeutic use/ *EMBOLISM/ EMBOLISM, diagnosis/ EMBOLISM, drug therapy/ EMBOLISM, etiology/ EMBOLISM, surgery/ EMERGENCIES/ HUMAN/ MEDICAL HISTORY TAKING/ METHODS/ POSTOPERATIVE CARE/ POSTURE/ STREPTOKINASE, therapeutic use

3247. **Herz F, Kaplan E:** A review: human erythrocyte acetylcholinesterase.
Pediatr Res 7:204-14, Apr 73 (125 ref.)
ABO FACTORS/ ACETYLCHOLINESTERASE, antagonists & inhibitors/ *ACETYLCHOLINESTERASE, blood/ ADULT/ AGE FACTORS/ ANIMAL EXPERIMENTS/ AUTOIMMUNE DISEASES, enzymology/ BINDING SITES/ BLOOD PLATELETS, enzymology/ CELL MEMBRANE, enzymology/ COLORIMETRY/ ERYTHROBLASTOSIS, FETAL, enzymology/ ERYTHROCYTE AGING/ *ERYTHROCYTES, enzymology/ ERYTHROPOIESIS/ HEMOGLOBIN, metabolism/ HEMOGLOBINURIA, enzymology/ HEMOGLOBINURIA, PAROXYSMAL, enzymology/ HUMAN/ INFANT, NEWBORN/ OXYGEN CONSUMPTION/ PREGNANCY/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, enzymology/ RETICULOCYTES, enzymology/ REVIEW

3248. **Herz F, Kaplan E, Furuhjelm U:** Acetylcholinesterase activity in En(a-) red cells. Vox Sang 23:228-31, 1972
*ACETYLCHOLINESTERASE, blood/ *BLOOD GROUPS/ BORON COMPOUNDS, pharmacodynamics/ CEPHALOTHIN, pharmacodynamics/ CHYMOTRYPSIN, pharmacodynamics/ ERYTHROCYTE AGING/ *ERYTHROCYTES, enzymology/ HUMAN/ PAPAIN, pharmacodynamics/ PHENOLS, pharmacodynamics/ TANNINS, pharmacodynamics

3249. **Hess H, Franke I, Jauch M:** Medikamentöse Verbesserung der fliesseigenschaften des blutes. Ein wirksames Prinzip zur Behandlung von arteriellen Durchblutungsstörungen.
Fortschr Med 91:743-8, 14 Jun 73 (Ger)
*ARTERIAL OCCLUSIVE DISEASES, drug therapy/ *BLOOD VISCOSITY, drug effects/ CLINICAL RESEARCH/ DEXTRAN, administration & dosage/ HEMATOCRIT/ HUMAN/ INJECTIONS, INTRAVENOUS/ KETONES, pharmacodynamics/ KETONES, therapeutic use/ *VASODILATOR AGENTS, pharmacodynamics/ VASODILATOR AGENTS, therapeutic use/ XANTHINES, administration & dosage/ XANTHINES, pharmacodynamics/ XANTHINES, therapeutic use

3250. **Hess H, Goossens N, Keil-Kuri E, et al:** Uber die Wirkung von Pyridinolcarbamat auf Blutgerinnung und Thrombolyse bei Patienten mit obliterierender Arteriopathie. Vasa 1:206-11, 1972 (Ger)
ALCOHOL, METHYL, therapeutic use/ *ARTERIOSCLEROSIS OBLITERANS, drug therapy/ BLOOD COAGULATION, drug effects/ *CARBAMATES, therapeutic use/ ENGLISH ABSTRACT/ FIBRINOLYSIS, drug effects/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ PYRIDINES, therapeutic use

3251. **Hess H, Mallasch M, Marshall M, et al:** Ultrahistochemische Untersuchungen mittels Röntgenmikroanalyse: Nachweis biogener Amine in menschlichen Thrombocyten.
Klin Wochenschr 50:776-82, 15 Aug 72 (Ger)
*BIOGENIC AMINES, analysis/ *BLOOD PLATELETS, analysis/ DOPAMINE, analysis/ ENGLISH ABSTRACT/ EPINEPHRINE, analysis/ HISTOCYTOCHEMISTRY/ HUMAN/ METHODS/ *MICRORADIOGRAPHY/ MICROSCOPY, ELECTRON, SCANNING/ NOREPINEPHRINE, analysis/ SEMICONDUCTORS/ SEROTONIN, analysis

3252. **Heuckenkamp PU, Marshall M, Parrisius G, et al:** 1-Antitrypsinbestimmungen bei Patienten mit Kartagener-Syndrom.
Klin Wochenschr 50:789-90, 15 Aug 72 (Ger)
ADOLESCENCE/ ADULT/ BRONCHIECTASIS, blood/ CHILD/ ENGLISH ABSTRACT/

HUMAN/ *KARTAGENER TRIAD, blood/ KARTAGENER TRIAD, enzymology/ MIDDLE AGE/ *TRYPSIN INHIBITORS, blood

3253. **Heughan C, Zederfeldt B, Grislis G, et al:** Effect of dextran solutions on oxygen transport in wound tissue. An experimental study in rabbits.
Acta Chir Scand 138:639-43, 1972
ANIMAL EXPERIMENTS/ BLOOD VISCOSITY/ CARBON DIOXIDE, blood/ *CONNECTIVE TISSUE, drug effects/ CONNECTIVE TISSUE, metabolism/ *DEXTRAN, pharmacodynamics/ ERYTHROCYTE AGGREGATION, INTRAVASCULAR, metabolism/ HEMATOCRIT/ HYDROGEN-ION CONCENTRATION/ MALE/ MICROCIRCULATION/ MOLECULAR WEIGHT/ OXYGEN, blood/ *OXYGEN CONSUMPTION/ RABBITS/ *WOUND HEALING

3254. **Hewick DS:** The plasma half-lives of the enantiomers of warfarin in warfarin-resistant and warfarin-susceptible rats.
J Pharm Pharmacol 24:661-2, Aug 72
ANIMAL EXPERIMENTS/ *DRUG RESISTANCE/ FEMALE/ HALF-LIFE/ MALE/ PROTHROMBIN TIME/ RATS/ TIME FACTORS/ *WARFARIN, blood/ WARFARIN, metabolism

3255. **Hewick DS, McEwen J:** The anticoagulant effect, plasma clearance and metabolism of the enantiomers of warfarin in man.
Clin Sci 43:15P-16P, Dec 72
CHROMATOGRAPHY/ HUMAN/ ISOMERISM/ *WARFARIN/ WARFARIN, blood/ WARFARIN, metabolism

3256. **Hewick DS, McEwen J:** Plasma half-lives, plasma metabolites and anticoagulant efficacies of the enantiomers of warfarin in man.
J Pharm Pharmacol 25:458-65, Jun 73
ALCOHOLS, blood/ *ANTICOAGULANTS, pharmacodynamics/ CHROMATOGRAPHY, THIN LAYER/ FEMALE/ HALF-LIFE/ HUMAN/ ISOMERISM/ MALE/ TIME FACTORS/ VITAMIN K, pharmacodynamics/ *WARFARIN, blood/ WARFARIN, metabolism

3257. **Hewitt D, Coates ME, Kakade ML, et al:** A comparison of fractions prepared from navy (haricot) beans (Phaseolus vulgaris L.) in diets for germ-free and convential chicks.
Br J Nutr 29:423-35, May 73
AMINO ACIDS, analysis/ AMYLASE, analysis/ ANIMAL EXPERIMENTS/ *ANIMAL FEED/ BODY WEIGHT/ *CHICKENS, growth & development/ CHYMOTRYPSIN, analysis/ GERM-FREE LIFE/ HEAT/ INTESTINE, SMALL, analysis/ INTESTINE, SMALL, microbiology/ NITROGEN, analysis/ ORGAN WEIGHT/ PANCREAS, anatomy & histology/ PANCREAS, enzymology/ PEPTIDES, analysis/ PLANT EXTRACTS, toxicity/ PROTEINS, analysis/ TRYPSIN, analysis/ TRYPSIN INHIBITORS, pharmacodynamics

3258. **Hewitt SR:** Maternal mortality--amniotic fluid embolism successfully treated.
J Ir Med Assoc 66:50, 27 Jan 73
ADULT/ ANTICOAGULANTS, therapeutic use/ CASE REPORT/ EMBOLISM, AMNIOTIC FLUID/ *EMBOLISM, AMNIOTIC FLUID, therapy/ FEMALE/ HUMAN/ PREGNANCY

3259. **Hey D, Heene D, Müller-Berghaus G, et al:** Hämorrhagische Diathese bei primärer Amyloidose.
Verh Dtsch Ges Inn Med 78:713-7, 1972 (Ger)
*AMYLOIDOSIS, complications/ BLOOD COAGULATION TESTS/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ *HEMORRHAGIC DIATHESIS, complications/ HEMORRHAGIC DIATHESIS, drug therapy/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE

3260. **Heyes H, Hilgard P, Sigmund E, et al:** Untersuchungen zur 131 J-Fibrinogen-Aufnahme durch das Yoshida-Sarkom der Ratte.
Fortschr Geb Roentgenstr Nuklearmed 118:86-91, Jan 73 (Ger)
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ BLOOD PLATELETS/ CATTLE/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOGEN, metabolism/ INFLAMMATION/ IODINE ISOTOPES/ RADIOISOTOPE SCANNING/ RATS/ SARCOMA, YOSHIDA, diagnosis/ *SARCOMA, YOSHIDA, metabolism/ TIME FACTORS

3261. **Heyman T, Leidner J, Menichi-Desseaux B:** Chromatographic separation of two ionic strength dependent conformations of valine transfer ribonucleic acid of Bacillus subtilis.
Biochimie 55:127-34, 1973
AMINO ACYL T RNA SYNTHETASES, isolation & purification/ *BACILLUS SUBTILIS, analysis/ CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY/ NUCLEIC ACID CONFORMATION/ PROTAMINES/ RNA, TRANSFER, isolation & purification/ *RNA, TRANSFER, isolation & purification/ SUCROSE/ VALINE

3262. **Heymann E, Krisch K:** Hemmung von Schweineleber-Carboxylesterase durch Substart-analoge Alkylierungsmittel und Aminogruppen-spezifische Reagentien.
Hoppe Seylers Z Physiol Chem 353:835-8, May 72 (Ger)
ACETOPHENONES/ BUTYRATES/ CARBOXYLIC ACIDS/ CHYMOTRYPSIN/ ENGLISH ABSTRACT/ *ESTERASES, antagonists & inhibitors/ ESTERS/ FLUORENES/ HISTIDINE/ KETONES/ LIVER, enzymology/ MERCAPTOETHANOL/ METHYLATION/ NITROBENZENES/ SWINE

3263. **Heyningen S van:** An alkaline protease from Acremonium kiliense. Specificity, kinetics, and effect of pH.
Eur J Biochem 28:432-7, 24 Jul 72
ARGININE/ BENZOATES/ BENZYL COMPOUNDS/ CASEIN/ DIPEPTIDES/ ESTERS/ FLUORINE/ GLUTARATES/ HYDROGEN-ION CONCENTRATION/ IMIDAZOLES/ INSULIN/ INSULIN, analysis/ IODOACETATES/ ISOFLUROPHATE/ KINETICS/ MERCAPTOETHANOL/ *MONILIALES, enzymology/ NITRO COMPOUNDS/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, metabolism/ PHENYLALANINE/ SERINE/ STRUCTURE-ACTIVITY RELATIONSHIP/ SULFONIC ACIDS

3264. **Heystek J, Brummelhuis HG, Krunen HW:** Contributions to the optimal use of human blood. II. The large-scale preparation of prothrombin complex. A comparison between two methods using the anion exchangers DEAE-cellulose DE 52 and DEAE-sephadex A-50.
Vox Sang 25:113-23, 1973
AUSTRALIA ANTIGEN, analysis/ BLOOD COAGULATION FACTORS, analysis/ *CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ *DEXTRAN/ DIALYSIS/ FILTRATION/ GEL DIFFUSION TESTS/ HUMAN/ *PROTHROMBIN, isolation & purification/ THROMBIN, analysis

3265. **Hibbard LT:** Maternal mortality due to acute toxemia.
Obstet Gynecol 42:263-70, Aug 73
ADOLESCENCE/ ADULT/ BRAIN EDEMA, mortality/ CALIFORNIA/ CEREBRAL HEMORRHAGE, mortality/ DISSEMINATED INTRAVASCULAR COAGULATION, mortality/ FEMALE/ HEART FAILURE, CONGESTIVE, mortality/ HEPATIC COMA, mortality/ HUMAN/ MAGNESIUM SULFATE, poisoning/ MATERNAL AGE/ MATERNAL MORTALITY/ MEDICATION ERRORS/ PARITY/ POTASSIUM CHLORIDE, poisoning/ PREGNANCY/ PREGNANCY COMPLICATIONS, mortality/ PREGNANCY TOXEMIAS, complications/ *PREGNANCY TOXEMIAS, mortality/ SOCIOECONOMIC FACTORS/ UREMIA, mortality

3266. **Hickman JA, Gordon-Smith IC, Whitfield PF, et al:** The relationship of the dilute whole blood lysis time to the

fibrinolytic activity of blood: effect of change in plasma fibrinogen. J Clin Pathol 26:189-93, Mar 73
*BLOOD COAGULATION TESTS/ *FIBRINOGEN/ *FIBRINOLYSIS/ HUMAN/ IODINE ISOTOPES/ METHODS/ MIDDLE AGE/ REGRESSION ANALYSIS

3267. **Hickman R, Parker JR, Saunders SJ, et al:** Heterologous liver perfusion. A comparison of the use of livers from four different species. Br J Surg 59:881-4, Nov 72
ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ ASPARTATE AMINOTRANSFERASE, blood/ BABOONS/ BILE, secretion/ BLOOD PLATELETS/ CATTLE/ CELL AGGREGATION/ COMPLEMENT, analysis/ HEMOGLOBINOMETRY/ HUMAN/ IN VITRO/ LACTATES, blood/ LEUKOCYTES/ *LIVER/ MONKEYS/ *PERFUSION/ PORTAL VEIN/ PYRUVATES, blood/ SHEEP/ SPECIES SPECIFICITY/ SWINE/ THROMBOPENIA, etiology/ UREA, blood/ VASCULAR RESISTANCE

3268. **Hicks JL, Nelson JF:** Juvenile nasopharyngeal angiofibroma. Oral Surg 35:807-17, Jun 73 (18 ref.)
ADOLESCENCE/ AGE FACTORS/ *ANGIOMA, SCLEROSING/ ANGIOMA, SCLEROSING, diagnosis/ ANGIOMA, SCLEROSING, pathology/ ANGIOMA, SCLEROSING, radiography/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ MALE/ *NASOPHARYNGEAL NEOPLASMS/ NASOPHARYNGEAL NEOPLASMS, diagnosis/ NASOPHARYNGEAL NEOPLASMS, pathology/ NASOPHARYNGEAL NEOPLASMS, radiography/ REVIEW/ SEX FACTORS

3269. **Hieber F:** Bericht über die kritishe Prüfung des Kombinationspräparates Ultra-Demoplas in der orthopädischen Fachpraxis.
Med Welt 23:1557-9, 21 Oct 72 (Ger)
AESCULUS/ AMINES, therapeutic use/ ANTIPYRINE, therapeutic use/ *ARTHRITIS, drug therapy/ DEXAMETHASONE, therapeutic use/ DRUG COMBINATIONS/ EVALUATION STUDIES/ FEMALE/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ MALE/ PHENYLBUTAZONE, therapeutic use/ PREDNISOLONE, therapeutic use/ PYRIDOXINE, therapeutic use/ *RHEUMATISM, drug therapy/ THIAMINE, therapeutic use/ VITAMIN B 12, therapeutic use

3270. **Hiemeyer V, Rasche H, Schröder KE, et al:** Untersuchungen zum radioimmunologischen Nachweis des fibrinstabilisierenden Faktors (Faktor XIII der Blutgerinnung.
Nucl Med (Stuttg) 9:738-41, 1971 (Ger)
*FACTOR XIII, analysis/ HUMAN/ IODINE ISOTOPES/ ISOTOPE LABELING/ *RADIOIMMUNOASSAY/ TRITIUM

3271. **Higashi O, Kikuchi Y, Konno K:** A case of thrombasthenia with a study of platelet aggregation by hydrogen peroxide (H_2O_2).
Tohoku J Exp Med 106:399-409, Apr 72
ADENOSINE, pharmacodynamics/ ADENOSINE DIPHOSPHATE, metabolism/ ADOLESCENCE/ ADULT/ BLOOD COAGULATION TESTS/ BLOOD PLATELET DISORDERS, blood/ *BLOOD PLATELET DISORDERS, familial & genetic/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CHILD/ EDTA, pharmacodynamics/ ETHYLMALEIMIDE, pharmacodynamics/ FEMALE/ GLUTATHIONE, pharmacodynamics/ HEMORRHAGE/ HUMAN/ *HYDROGEN PEROXIDE, pharmacodynamics/ IN VITRO/ PURPURA, THROMBOPENIC, blood/ *PURPURA, THROMBOPENIC, familial & genetic

3272. **Higashinakagawa T, Onishi T, Muramatsu M:** A factor stimulating the transcription by nucleolar RNA polymerase in the nucleolus of rat liver.
Biochem Biophys Res Commun 48:937-44, 21 Aug 72
ANIMAL EXPERIMENTS/ *CELL NUCLEOLUS, enzymology/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY/ DEOXYRIBONUCLEASE, metabolism/ DNA/ DNA, VIRAL, analysis/ HEAT/ *LIVER, enzymology/ MALE/ NUCLEIC ACID DENATURATION/ RATS/ RNA POLYMERASE, isolation & purification/ *RNA POLYMERASE, metabolism/ SV40 VIRUS, analysis/ TEMPLATES/ *TRANSCRIPTION, GENETIC/ TRITIUM/ TRYPSIN, pharmacodynamics

3273. **Higazi AM, el-Ebrashy N, el-Ahmady L, et al:** Changes in serum triglycerides and blood coagulation in response to acute fat loads in atherosclerotics.
J Egypt Med Assoc 54:659-70, 1971
ADULT/ AGED/ *ARTERIOSCLEROSIS, blood/ *BLOOD COAGULATION/ BUTTER/ CHYLOMICRONS, blood/ *DIETARY FATS, metabolism/ EGG YOLK/ FATS, UNSATURATED, metabolism/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PLATELET ADHESIVENESS, drug effects/ PROTHROMBIN, analysis/ *TRIGLYCERIDES, blood

3274. **Higazi AM, el-Ebrashy N, Aly AM, et al:** Heparin resistance in relation to hyperlipidemia and hypercoagulability in atherosclerotic diabetics and non-diabetics. J Egypt Med Assoc 55:577-94, 1972
ADULT/ ARTERIOSCLEROSIS, drug therapy/ BLOOD CELL COUNT/ *BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION TESTS/ CEREBRAL ARTERIOSCLEROSIS, drug therapy/ *CEREBROVASCULAR DISORDERS, drug therapy/ CORONARY DISEASE, complications/ CORONARY DISEASE, drug therapy/ DIABETES MELLITUS, complications/ *DIABETIC ANGIOPATHIES, drug therapy/ DRUG RESISTANCE/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ *HYPERLIPEMIA, complications/ LIPIDS, blood/ MALE/ *MYOCARDIAL INFARCT, drug therapy/ THROMBOSIS, drug therapy

3275. **Higerd TB, Hoch JA, Spizizen J:** Hyperprotease-producing mutants of Bacillus subtilis. J Bacteriol 112:1026-8, Nov 72
AMYLASE, metabolism/ *BACILLUS SUBTILIS, enzymology/ BACILLUS SUBTILIS, growth & development/ BACILLUS SUBTILIS, metabolism/ CASEIN, metabolism/ CELL-FREE SYSTEM/ CHROMOSOME MAPPING/ CULTURE MEDIA/ EDTA, pharmacodynamics/ LINKAGE (GENETICS)/ MUTAGENS/ *MUTATION/ NITROSOGUANIDINES/ *PEPTIDE HYDROLASES, biosynthesis/ TRANSDUCTION, GENETIC

3276. **Higerd TB, Spizizen J:** Isolation of two acetyl esterases from extracts of Bacillus subtilis.
J Bacteriol 114:1184-92, Jun 73
ACETYLESTERASE, analysis/ ACETYLESTERASE, isolation & purification/ *ACETYLESTERASE, metabolism/ AMMONIUM SULFATE/ *BACILLUS SUBTILIS, enzymology/ BACTERIAL PROTEINS, analysis/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, STARCH GEL/ GEL FILTRATION/ ISOELECTRIC FOCUSING/ MOLECULAR WEIGHT/ MUTATION/ PEPTIDE HYDROLASES, isolation & purification/ SPORES, BACTERIAL, enzymology

3277. **Hihara H, Yammamoto H, Ishino S, et al:** Pathogenicity of some clones from field isolates of avian leukosis viruses.
Natl Inst Anim Health Q (Tokyo) 12:117-26, Fall 72
ANIMAL EXPERIMENTS/ ANTIBODIES, VIRAL, analysis/ AVIAN LEUKOSIS/ AVIAN LEUKOSIS VIRUS, immunology/ *AVIAN LEUKOSIS VIRUS, pathogenicity/ CHICK EMBRYO/ CHICKENS/ CLONE CELLS/ FEMALE/ FIBROSARCOMA, etiology/ HEMANGIOENDOTHELIOMA, etiology/ MALE/ NEUTRALIZATION TESTS/ VIRULENCE

3278. **Hilgard P, Beyerle L, Hohage R, et al:** The effect of heparin on the initial phase of metastasis formation.
Eur J Cancer 8:347-52, Jun 72

ANIMAL EXPERIMENTS/ CARCINOMA 256, WALKER, drug therapy/ FEMALE/ *HEPARIN, therapeutic use/ INJECTIONS, INTRA-ARTERIAL/ LYMPH, cytology/ NEOPLASM CIRCULATING CELLS/ *NEOPLASM METASTASIS, prevention & control/ NEOPLASM TRANSPLANTATION/ RATS

3279. **Hilgard P, Hiemeyer V, Sigmund E, et al:** Tierexperimentelle Untersuchungen zum Tumornachweis mit 131J-Fibrinogen.
Nucl Med (Stuttg) 9:39-42, 1971 (Ger)
ANIMAL EXPERIMENTS/ CARCINOMA, EHRLICH TUMOR, diagnosis/ *FIBRINOGEN, diagnostic use/ *IODINE ISOTOPES, DIAGNOSTIC/ MICE/ *NEOPLASMS, EXPERIMENTAL, diagnosis/ *RADIOISOTOPE SCANNING/ RATS/ SARCOMA, YOSHIDA, diagnosis

3280. **Hilgard P, Hohage R:** Activation of fibrinolysis by a lymphogenic activator in the rat.
Lymphology 5:152-5, Dec 72
ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS/ FEMALE/ FIBRINOLYSIN, analysis/ *FIBRINOLYSIS/ LYMPH, analysis/ *LYMPH, metabolism/ PLASMINOGEN, analysis/ RATS

3281. **Hilgard P, Hohage R, Schmitt W, et al:** Microangiopathic haemolytic anaemia associated with hypercalcaemia in an experimental rat tumour.
Br J Haematol 24:245-54, Feb 73
*ANEMIA, HEMOLYTIC, complications/ ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD UREA NITROGEN/ *CARCINOMA 256, WALKER/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FACTOR VIII/ FEMALE/ FIBRIN/ FIBRINOGEN, metabolism/ HALF-LIFE/ HEMATOCRIT/ HEMOGLOBINOMETRY/ *HYPERCALCEMIA, complications/ IODINE ISOTOPES/ NEOPLASM TRANSPLANTATION/ PLASMINOGEN, analysis/ PLATELET ADHESIVENESS/ RATS/ SERUM GLOBULINS/ THROMBELASTOGRAPHY/ TRANSPLANTATION, HOMOLOGOUS

3282. **Hill GJ 2d, Sedransk N, Rochlin D, et al:** Mithramycin (NSC 24559) therapy of testicular tumors.
Cancer 30:900-8, Oct 72
ADENOCARCINOMA, drug therapy/ ADOLESCENCE/ ADULT/ AGED/ BLOOD COAGULATION DISORDERS, chemically induced/ DISGERMINOMA, drug therapy/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HUMAN/ INFUSIONS, PARENTERAL/ MALE/ MIDDLE AGE/ MITHRAMYCIN, administration & dosage/ MITHRAMYCIN, adverse effects/ *MITHRAMYCIN, therapeutic use/ NAUSEA, chemically induced/ NEOPLASM METASTASIS/ NEOPLASMS, EMBRYONAL AND MIXED, drug therapy/ PHLEBITIS, chemically induced/ TERATOID TUMOR, drug therapy/ *TESTICULAR NEOPLASMS, drug therapy/ VOMITING, chemically induced

3283. **Hill GS, Eggleston JC:** Electron microscopic study of so-called "pulmonary sclerosing hemangioma". Report of a case suggesting epithelial origin.
Cancer 30:1092-106, Oct 72
ADULT/ ANGIOMA, SCLEROSING, etiology/ *ANGIOMA, SCLEROSING, pathology/ EPITHELIAL CELLS/ FEMALE/ HUMAN/ LUNG NEOPLASMS, etiology/ *LUNG NEOPLASMS, pathology/ MICROSCOPY, ELECTRON

3284. **Hillenbrand P, Parbhoo SP, Jedrychowski A, et al:** Significance of intravascular coagulation and fibrinolysis in acute hepatic failure.
Scand J Gastroenterol [Suppl] 19:133-4, 1973
ACUTE DISEASE/ BLOOD CELL COUNT/ BLOOD COAGULATION FACTORS, biosynthesis/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, metabolism/ *DISSEMINATED INTRAVASCULAR COAGULATION/ FEMALE/ FIBRIN, metabolism/ FIBRINOGEN, metabolism/ *FIBRINOLYSIS/ HEMOGLOBIN/ HEPARIN, adverse effects/ HUMAN/ *LIVER DISEASES, blood/ LIVER DISEASES, drug therapy/ MALE/ METHODS

3285. **Hillenbrand P, Sherlock S:** Use of Normotest and Thrombotest, coagulation tests in hepatocellular disease. Scand J Gastroenterol [Suppl] 19:125-31, 1973
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ *BLOOD COAGULATION TESTS/ CHILD/ CHOLESTEROL, blood/ *FATTY LIVER, blood/ FEMALE/ GAMMA GLOBULIN/ HALOTHANE, adverse effects/ *HEPATITIS, INFECTIOUS, blood/ HUMAN/ INDICATORS AND REAGENTS/ *LIVER CIRRHOSIS, blood/ LIVER DISEASES, chemically induced/ LIVER DISEASES, diagnosis/ LIVER FUNCTION TESTS/ MALE/ METHODS/ MIDDLE AGE/ SERUM ALBUMIN/ VITAMIN K, therapeutic use

3286. **Hiller E:** Uberwachung der Heparintherapie bei thromboembolischen Erkrankungen.
Dtsch Med Wochenschr 98:1367-70, Jul 73 (Ger)
*BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ METHODS/ *THROMBOEMBOLISM, drug therapy/ THROMBOEMBOLISM, prevention & control/ THROMBOPLASTIN/ TIME FACTORS

3287. **Hiltenbrand C:** Progrès récents dans la compréhension et le traitement des processus de thromboses intravasculaires. Rev Infirm 23:401-4, May 73 (Fre)
ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION/ BLOOD FLOW VELOCITY/ DISSEMINATED INTRAVASCULAR COAGULATION/ SPECIAL LIST NURSING/ THROMBOSIS, drug therapy/ THROMBOSIS, physiopathology

3288. **Hines MC, Moss GF, Cox JS:** Effect of disodium cromoglycate on phospholipase A activity. Studies with egg yolk and isolated mast cell systems.
Biochem Pharmacol 21:171-9, 15 Jan 72
ANIMAL EXPERIMENTS/ CHICKENS/ CHYMOTRYPSIN, pharmacodynamics/ DISODIUM CROMOGLYCATE, administration & dosage/ *DISODIUM CROMOGLYCATE, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG INTERACTIONS/ EDTA, administration & dosage/ EDTA, pharmacodynamics/ *EGG YOLK, analysis/ FLUOROMETRY/ HISTAMINE, analysis/ HISTAMINE LIBERATION, drug effects/ HYDROLYSIS/ LECITHINS, analysis/ LYSOLECITHIN, administration & dosage/ LYSOLECITHIN, pharmacodynamics/ MALE/ MAST CELLS, drug effects/ MAST CELLS, enzymology/ *MAST CELLS, metabolism/ *PHOSPHOLIPASE, metabolism/ PHOSPHOLIPASE, pharmacodynamics/ RATS/ RATS, INBRED STRAINS/ SNAKES

3289. **Hinkes E, Steffen RO:** Current transfusion therapy.
Calif Med 118:38-55, May 73 (173 ref.)
ADULT/ ANTICOAGULANTS, blood/ BLOOD COAGULATION/ BLOOD COAGULATION FACTORS/ BLOOD GROUP INCOMPATIBILITY/ BLOOD PLATELETS/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ BLOOD TRANSFUSION, adverse effects/ BLOOD TRANSFUSION, instrumentation/ COSTS AND COST ANALYSIS/ ERYTHROCYTE AGING/ ERYTHROCYTES/ FEMALE/ FIBRIN/ HEMOGLOBIN/ HEPATITIS, HOMOLOGOUS SERUM, etiology/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ PHOSPHATES, analysis/ PLASMA/ PREGNANCY/ REVIEW

3290. **Hinman JW, Weeks JR:** The prostaglandins: biology and biochemistry. J Reprod Med 9:262-5, Dec 72
ASPIRIN, pharmacodynamics/ BLOOD PLATELETS, metabolism/ BONE AND BONES, metabolism/ CARDIOVASCULAR SYSTEM,

metabolism/ EYE, metabolism/ FATTY ACIDS, ESSENTIAL, metabolism/ FEMALE/ GASTROINTESTINAL SYSTEM, metabolism/ HUMAN/ INDOMETHACIN, pharmacodynamics/ KIDNEY, metabolism/ LUNG, metabolism/ MALE/ OVARY, metabolism/ *PROSTAGLANDINS/ PROSTAGLANDINS, analysis/ PROSTAGLANDINS, biosynthesis/ SEMEN/ SKIN, metabolism/ UTERUS, metabolism

3291. **Hinterberger H, Smith AT, Bartholomew RJ, et al:** Biochemical diagnosis of malignant carcinoid tumours. Pathology 5:1-8, Jan 73
ADULT/ AGED/ APPENDICEAL NEOPLASMS, metabolism/ BLOOD PLATELETS, analysis/ BRONCHIAL NEOPLASMS, metabolism/ CARCINOID TUMOR, blood/ *CARCINOID TUMOR, diagnosis/ CARCINOID TUMOR, metabolism/ CARCINOID TUMOR, urine/ CHROMATOGRAPHY, THIN LAYER/ EPINEPHRINE, metabolism/ FEMALE/ FLUOROMETRY/ HUMAN/ HYDROXYINDOLEACETIC ACID, urine/ HYDROXYTRYPTOPHAN, urine/ INTESTINAL NEOPLASMS, metabolism/ JEJUNUM, analysis/ MALE/ MECKEL'S DIVERTICULUM, analysis/ MIDDLE AGE/ NEOPLASM METASTASIS/ NOREPINEPHRINE, metabolism/ OVARIAN NEOPLASMS, metabolism/ SEROTONIN, analysis/ SEROTONIN, blood

3292. **Hinz W, Lemke M:** Die vaginale Uterusexstirpation nach vorangegangener gynäkologischer Laparotomie. Geburtshilfe Frauenheilkd 33:206-11, Mar 73 (Ger)
ABDOMEN, surgery/ ADHESIONS, complications/ ENGLISH ABSTRACT/ FEMALE/ GERMANY, WEST/ HUMAN/ *HYSTERECTOMY/ HYSTERECTOMY, mortality/ LENGTH OF STAY/ METHODS/ PERINEUM/ POSTOPERATIVE COMPLICATIONS, occurrence/ RECTAL FISTULA, etiology/ THROMBOPHLEBITIS, etiology/ VAGINA, surgery/ VAGINAL FISTULA, etiology

3293. **Hirabayashi T, Harada T:** Isolation and properties of a pyruvate dehydrogenase complex from the yeast Hansenula miso. J Biochem (Tokyo) 71:797-804, May 72
*ACYLTRANSFERASES, isolation & purification/ ADIPIC ACID/ *ASCOMYCETES, enzymology/ BUTYRATES/ CANDIDA ALBICANS, enzymology/ CAPROATES/ COENZYME A/ KETO ACIDS/ KETOGLUTARIC ACID/ *KETONE OXIDOREDUCTASES, isolation & purification/ KINETICS/ LIPOAMIDE DEHYDROGENASE, isolation & purification/ MAGNESIUM, pharmacodynamics/ NAD/ OXIDATION-REDUCTION/ PROTAMINES/ PYRUVATES/ SACCHAROMYCES CEREVISIAE, enzymology/ SPECTROPHOTOMETRY/ THIAMINE PYROPHOSPHATE, pharmacodynamics/ ULTRACENTRIFUGATION/ VALERATES

3294. **Hiramatsu A, Ouchi T:** A neutral proteinase from Streptomyces naraensis. 3. An improved purification and some physiochemical properties.
J Biochem (Tokyo) 71:767-81, May 72
AMINO ACIDS, analysis/ BACTERIAL PROTEINS, analysis/ CARBOHYDRATES, analysis/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS/ ELECTROPHORESIS, DISK/ ISOELECTRIC FOCUSING/ METHODS/ MOLECULAR WEIGHT/ NITROGEN, analysis/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, analysis/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ SPECTROPHOTOMETRY/ *STREPTOMYCES, enzymology/ TRYPTOPHAN, analysis/ ULTRACENTRIFUGATION/ VISCOSITY/ ZINC, analysis

3295. **Hirose T, Yasutake T, Tarabeih A, et al:** Location of airway constriction following acute experimental pulmonary thromboembolism.
J Appl Physiol 34:431-7, Apr 73
*AIRWAY RESISTANCE/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS, secretion/ DOGS/ LUNG COMPLIANCE/ *PULMONARY EMBOLISM, physiopathology/ RESPIRATORY AIRFLOW/ SEROTONIN, secretion/ TIME FACTORS/ VAGOTOMY/ VAGUS NERVE, physiology

3296. **Hirsch HE, Parks ME:** The quantitative histochemistry of acid proteinase in the nervous system: localization in neurons. J Neurochem 21:453-8, Aug 73
AGED/ ANIMAL EXPERIMENTS/ BRAIN, metabolism/ *CEREBELLUM, enzymology/ FLUORESCENCE SPECTROMETRY/ FLUOROMETRY/ HEMOGLOBIN, metabolism/ HISTOCYTOCHEMISTRY/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MACACA/ MALE/ METHODS/ MONKEYS/ MOTOR NEURONS, enzymology/ NERVE TISSUE PROTEINS, biosynthesis/ NEURONS, enzymology/ *PEPTIDE HYDROLASES, analysis/ *SPINAL CORD, enzymology

3297. **Hirschman RJ, Shulman NR:** Utilization of the platelet release reaction to measure ITP factor and platelet antibodies. Trans Assoc Am Physicians 85:325-34, 1972
ADENOSINE TRIPHOSPHATE, blood/ *BLOOD PLATELETS, immunology/ CARBON ISOTOPES/ CITRATES, pharmacodynamics/ EDTA, pharmacodynamics/ HUMAN/ *ISOANTIBODIES, analysis/ METHODS/ *PURPURA, THROMBOPENIC, immunology/ SEROTONIN, blood

3298. **Hirschman RJ, Shulman NR:** The use of platelet serotonin release as a sensitive method for detecting anti-platelet antibodies and a plasma anti-platelet factor in patients with idiopathic thrombocytopenic purpura. Br J Haematol 24:793-802, Jun 73
ANTIBODIES/ *BLOOD PLATELETS, immunology/ CARBON ISOTOPES/ COMPLEMENT FIXATION TESTS/ GAMMA GLOBULIN, 7S/ HUMAN/ ISOANTIBODIES/ LUPUS ERYTHEMATOSUS, SYSTEMIC/ *PURPURA, THROMBOPENIC, immunology/ QUINIDINE/ *SEROTONIN, secretion

3299. **Hirsh J:** Platelet age: its relationship to platelet size, function and metabolism.
Br J Haematol 23:Suppl:209-14, Sep 72 (33 ref.)
ADENOSINE DIPHOSPHATE/ ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS/ BLOOD PLATELETS, cytology/ BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, physiology/ CENTRIFUGATION, DENSITY GRADIENT/ COLLAGEN/ EPINEPHRINE/ HEMATOPOIESIS/ HUMAN/ PLATELET ADHESIVENESS/ PROTEINS, biosynthesis/ RABBITS/ RADIOISOTOPES/ REVIEW/ SELENIUM/ THROMBIN/ THROMBOPENIA, blood/ THROMBOPENIA, pathology

3300. **Hirsh J:** Platelets.
Can Med Assoc J 108:416 passim, 17 Feb 73
*ASPIRIN, therapeutic use/ *BLOOD PLATELETS, drug effects/ *DIPYRIDAMOLE, therapeutic use/ HUMAN/ *SULFINPYRAZONE, therapeutic use/ *THROMBOEMBOLISM, drug therapy

3301. **Hirsh J, Street D, Cade JF, et al:** Relation between bleeding time and platelet connective tissue reaction after aspirin. Blood 41:369-77, Mar 73
ADULT/ *ASPIRIN, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS, drug effects/ COLLAGEN/ CONNECTIVE TISSUE/ FEMALE/ HUMAN/ MALE/ PLACEBOS/ PLATELET ADHESIVENESS, drug effects/ TIME FACTORS

3302. **Hirshman RJ, Ely LE:** Personal burdens in hemophilia.
Ann Intern Med 77:651-2, Oct 72
BLOOD TRANSFUSION/ FEES AND CHARGES/ *HEMOPHILIA/ HOME CARE SERVICES/ HUMAN/ PARENT-CHILD

RELATIONS/ SELF CONCEPT/ VOLUNTARY HEALTH AGENCIES

3303. **Hirshowitz B, Munk J:** Cavernous haemangioma of nasal bone. Br J Plast Surg 26:81-3, Jan 73
BONE AND BONES, transplantation/ ENDOTHELIUM/ FEMALE/ HEMANGIOMA, CAVERNOUS, pathology/ HEMANGIOMA, CAVERNOUS, radiography/ *HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ MIDDLE AGE/ NOSE NEOPLASMS, radiography/ *NOSE NEOPLASMS, surgery/ TRANSPLANTATION, AUTOLOGOUS

3304. **Hirt-Schmid R:** Biophysikalische Studien mit den Tensiometer.
Arzneim Forsch 22:1231-2, Jul 72 (Ger)
ALCOHOLS/ BUFFERS/ CALCIUM/ CAPILLARITY/ *CARBON TETRACHLORIDE/ CELL WALL/ EDTA/ ENGLISH ABSTRACT/ ESTERS/ IONS/ MANGANESE/ MODELS, BIOLOGICAL/ *PHOSPHOLIPIDS/ PROTAMINES/ *SURFACE TENSION

3305. **Hisazumi H, Naito K, Misaki T:** Fibrinolytic activity in normal and cancerous tissues of the bladder. Invest Urol 11:28-34, Jul 73
*BLADDER/ BLADDER, enzymology/ *BLADDER NEOPLASMS/ BLADDER NEOPLASMS, enzymology/ *CARCINOMA, TRANSITIONAL CELL/ CARCINOMA, TRANSITIONAL CELL, enzymology/ ENZYME ACTIVATION, drug effects/ EPITHELIUM/ FIBRINOGEN, pharmacodynamics/ *FIBRINOLYSIN, metabolism/ FIBRINOLYSIS/ FIBRINOLYSIS, drug effects/ FIBRINOLYTIC AGENTS, antagonists & inhibitors/ GAMMA GLOBULIN/ HISTOCYTOCHEMISTRY/ HISTOLOGICAL TECHNICS/ HUMAN/ IMMUNE SERUMS/ *TISSUE EXTRACTS, pharmacodynamics

3306. **Hixson HF Jr, Nishikawa AH:** Affinity chromatography: purification of bovine trypsin and thrombin. Arch Biochem Biophys 154:501-9, Feb 73
ADSORPTION/ AMIDINES, chem synthesis/ BINDING SITES/ CATALYSIS/ CATTLE/ CHEMISTRY/ CHROMATOGRAPHY/ CHROMATOGRAPHY, AFFINITY/ GELS/ GUANIDINES, chem synthesis/ HYDROGENATION/ KINETICS/ LIGANDS, chem synthesis/ PANCREAS, enzymology/ PROTEINS, analysis/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *THROMBIN, isolation & purification/ *TRYPSIN, isolation & purification/ TRYPSIN INHIBITORS, chem synthesis

3307. **Hjorth P:** Hernia inguinalis et scrotalis bovis.
Nord Vet Med 24:327-32, Jun 72 (Dan)
ANIMAL EXPERIMENTS/ CATTLE/ *CATTLE DISEASES/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ FLUPREDNISOLONE, therapeutic use/ HEMATOMA, diagnosis/ INGUINAL HERNIA, diagnosis/ INGUINAL HERNIA, drug therapy/ *INGUINAL HERNIA, veterinary/ JEJUNUM/ *SCROTUM

3308. **Hladovec J:** The effect of some platelet aggregating and potential thrombosis-promoting substances on the development of experimental arterial thrombosis. Thromb Diath Haemorrh 29:196-200, 28 Feb 73
ADENOSINE DIPHOSPHATE/ AMINOCAPROIC ACID/ ANIMAL EXPERIMENTS/ BENZOPYRANS/ CAROTID ARTERY THROMBOSIS, chemically induced/ EPINEPHRINE/ FEMALE/ KALLIKREIN-TRYPSIN INACTIVATOR/ KETONES/ RATS/ SEROTONIN/ TANNINS/ THROMBIN/ *THROMBOSIS, chemically induced

3309. **Hladovec J, Kolellat Z, Pferovský I:** The effect of venous occlusion on the sequestration of blood platelets. Thromb Diath Haemorrh 28:383-92, 31 Dec 72
ANIMAL EXPERIMENTS/ ARM, blood supply/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ FEMALE/ HEMATOCRIT/ HEMOSTASIS/ HUMAN/ LEG, blood supply/ RATS/ *THROMBOPHLEBITIS, blood/ *TOURNIQUETS, adverse effects/ VEINS

3310. **Hlastala MP, Farhi LE:** Absorption of gas bubbles in flowing blood. J Appl Physiol 35:311-6, Sep 73
ABSORPTION/ *BLOOD/ BLOOD VISCOSITY/ DECOMPRESSION SICKNESS, physiopathology/ DIFFUSION/ ERYTHROCYTES/ HUMAN/ IN VITRO/ METHODS/ *NITROGEN, blood/ PLASMA

3311. **Ho BT, Taylor D, Walker KE, et al:** The mode of action of 6-methoxy-1,2,3,4-tetrahydro- -carboline on brain serotonin. Can J Biochem 51:482-5, Apr 73
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, metabolism/ *BRAIN, metabolism/ CARBON ISOTOPES/ FEMALE/ FLUORESCENCE SPECTROMETRY/ HYDROXYLASES, metabolism/ HYDROXYTRYPTOPHAN/ *INDOLES, pharmacodynamics/ KIDNEY, metabolism/ LIVER, metabolism/ MALE/ METHYL ETHER, pharmacodynamics/ MICE/ *PYRIDINES, pharmacodynamics/ RATS/ SEROTONIN, biosynthesis/ *SEROTONIN, metabolism

3312. **Ho PP, Towner RD, Indelicato JM, et al:** Biochemical and microbiological studies on 6-substituted penicillins. J Antibiot (Tokyo) 25:627-8, Oct 72
ESCHERICHIA COLI, drug effects/ HYDROLYSIS/ MICROBIAL SENSITIVITY TESTS/ *PENICILLIN/ PENICILLIN G, pharmacodynamics/ PENICILLIN, PHENOXYMETHYL, pharmacodynamics/ PEPTIDE HYDROLASES, antagonists & inhibitors/ STRUCTURE-ACTIVITY RELATIONSHIP

3313. **Hoak JC:** Freeze-etching studies of human platelets. Blood 40:514-22, Oct 72
*BLOOD PLATELETS, cytology/ CELL MEMBRANE/ FREEZE ETCHING/ HUMAN/ MICROSCOPY, ELECTRON/ MICROTUBULES

3314. **Hobbs JB, Cliff WJ:** A study of allograft kidney rejection occurring simultaneously in whole organ and ear chamber grafts in the rabbit.
J Exp Med 137:776-98, 1 Mar 73
ANIMAL EXPERIMENTS/ BIOPSY, NEEDLE/ BLOOD PLATELETS/ BLOOD PRESSURE/ BLOOD SEDIMENTATION/ BLOOD VESSELS, pathology/ EAR, EXTERNAL, surgery/ ENDOTHELIUM/ *GRAFT REJECTION/ HEMATOCRIT/ HISTOLOGICAL TECHNICS/ KIDNEY, blood supply/ KIDNEY, pathology/ *KIDNEY, transplantation/ LEUKOCYTE COUNT/ LEUKOCYTES/ RABBITS/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS

3315. **Hochstrasser K, Schuster R, Reichert R, et al:** Nachweis und quantitative Bestimmung von Komplexen zwischen Leukozytenproteasen und 1 -Antitrypsin in Körpersekreten und Körperflüssigkeiten.
Hoppe Seylers Z Physiol Chem 353:1120-4, Jul 72 (Ger)
BINDING SITES/ BODY FLUIDS, enzymology/ BRONCHI/ CEREBROSPINAL FLUID, enzymology/ ENGLISH ABSTRACT/ HUMAN/ IMMUNOELECTROPHORESIS/ LACTONES/ *LEUKOCYTES, enzymology/ NOSE/ *PEPTIDE HYDROLASES, blood/ PROTEIN BINDING/ RABBITS, immunology/ TRYPSIN/ *TRYPSIN INHIBITORS, analysis

3316. **Hockly RG:** Congenital dysplastic angiectasis and related syndromes. S Afr Med J 46:720-8, 3 Jun 72
ANGIOMATOSIS, etiology/ ANGIOMATOSIS, pathology/ ARM, blood supply/ AUTOPSY/ BONE DISEASES, etiology/ BONE DISEASES, pathology/ DYSCHONDROPLASIA, pathology/ FETAL DEATH/ GASTROINTESTINAL NEOPLASMS, pathology/ HEMANGIOMA, complications/ HEMANGIOMA, CAVERNOUS, complications/ HEMANGIOMA, CAVERNOUS, congenital/ *HEMANGIOMA, CAVERNOUS, pathology/ HUMAN/ INFANT, NEWBORN/ LEG, blood supply/ MALE/ SKIN, blood supply/ SKIN NEOPLASMS, pathology

3317. **Hodes ME, Yip LC, Lewis WW, et al:** The radiation

leukemia protection(RLP) activity of some Cohn fractions of serum. Oncology 26:409-21, 1972
ANIMAL EXPERIMENTS/ BLOOD PROTEINS, analysis/ *BLOOD PROTEINS, physiology/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ IMMUNOELECTROPHORESIS/ *LEUKEMIA, RADIATION-INDUCED, prevention & control/ MACROGLOBULINS/ MALE/ MICE/ MICE, INBRED C57BL/ NEOPLASMS, EXPERIMENTAL/ SHEEP/ TRYPSIN INHIBITORS

3318. **Hodges RE:** Vitamin E and coronary heart disease.
J Am Diet Assoc 62:638-42, Jun 73 (61 ref.)
ADVERTISING/ BLOOD COAGULATION, drug effects/ CANADA/ *CORONARY DISEASE/ CORONARY DISEASE, drug therapy/ CORONARY DISEASE, prevention & control/ DIETARY FATS/ EVALUATION STUDIES/ FATS, UNSATURATED/ FATTY ACIDS, UNSATURATED/ FUTUROLOGY/ HUMAN/ NUTRITIONAL REQUIREMENTS/ RESEARCH/ REVIEW/ SELF MEDICATION/ STRUCTURE-ACTIVITY RELATIONSHIP/ THROMBOPHLEBITIS, prevention & control/ UNITED STATES/ *VITAMIN E/ VITAMIN E, administration & dosage/ VITAMIN E, pharmacodynamics/ VITAMIN E, therapeutic use

3319. **Hodson PH, Scharpf LG Jr:** Immunochemical characterization of commercial protease products.
Biotechnol Bioeng 15:519-32, May 73
ALKALIES/ ANIMAL EXPERIMENTS/ *BACILLUS, enzymology/ BACILLUS MEGATERIUM, enzymology/ GEL DIFFUSION TESTS/ HYDROGEN-ION CONCENTRATION/ IMMUNE SERUMS/ IMMUNOCHEMISTRY/ *PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, biosynthesis/ PEPTIDE HYDROLASES, classification/ PEPTIDE HYDROLASES, isolation & purification/ RABBITS

3320. **Hoeffel JC, Chardot C, Parache R, et al:** Aspects radiologiques de l'hémangiopéricytome des membres inférieurs.
J Belge Radiol 55:345-50, May-Jun 72 (Fre)
ADOLESCENCE/ ANGIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOPERICYTOMA, radiography/ HUMAN/ *LEG, radiography

3321. **Hoeffel JC, Henry M, Pernot C, et al:** Aspects radiologiques des dysplasies veineuses congénitales des membres inférieurs.
J Belge Radiol 56:111-9, Mar-Apr 73 (Fre)
ADULT/ ANGIOGRAPHY/ *ANGIOMATOSIS, radiography/ ARTERIOVENOUS FISTULA, complications/ ARTERIOVENOUS FISTULA, congenital/ *ARTERIOVENOUS FISTULA, radiography/ ARTERIOVENOUS FISTULA, surgery/ ARTHRODESIS/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HAMARTOMA, complications/ *HAMARTOMA, radiography/ HUMAN/ LEG, blood supply/ MALE/ PHLEBOGRAPHY/ *VEINS, abnormalities

3322. **Hoelzer D, Fliedner TM:** Umsatzkinetik der normalen und leukämischen Hämopoese bei akuten Leukämien.
Wien Klin Wochenschr 85:470-3, 29 Jun 73 (Ger)
ACUTE DISEASE/ AGRANULOCYTOSIS, blood/ BLOOD PLATELETS, analysis/ DIFFUSION/ ENGLISH ABSTRACT/ ERYTHROPOIESIS/ *HEMATOPOIESIS/ HEMATOPOIETIC STEM CELLS, analysis/ HUMAN/ KINETICS/ *LEUKEMIA, blood/ LEUKOCYTES, analysis

3323. **Hoelzer D, Harriss EB:** The failure of normal haemopoiesis in rats during the development of acute leukaemia. Acta Haematol (Basel) 49:36-47, 1973
ANIMAL EXPERIMENTS/ BLOOD PLATELETS/ BONE MARROW CELLS/ BONE MARROW EXAMINATION/ ERYTHROCYTE COUNT/ FEMALE/ *HEMATOPOIESIS/ HEMATOPOIETIC STEM CELLS/ *LEUKEMIA, EXPERIMENTAL, blood/ LEUKOCYTE COUNT/ MALE/ MEGAKARYOCYTES/ NEOPLASM TRANSPLANTATION/ RATS/ RATS, INBRED STRAINS

3324. **Hoensch H, Hartwich G:** Panzytopenien und Knochenmarksveränderungen bei chronisch-aggressiver Hepatitis.
Dtsch Med Wochenschr 97:1491-6, 6 Oct 72 (Ger)
ADULT/ AGED/ ANEMIA, APLASTIC, chemically induced/ *ANEMIA, APLASTIC, etiology/ AZATHIOPRINE, adverse effects/ AZATHIOPRINE, therapeutic use/ BONE MARROW EXAMINATION/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HEPATITIS, blood/ *HEPATITIS, complications/ HEPATITIS, drug therapy/ HUMAN/ LEUKOPENIA, chemically induced/ LEUKOPENIA, etiology/ LYMPHOCYTES/ MALE/ MIDDLE AGE/ PLASMA CELLS/ THROMBOPENIA, etiology

3325. **Hoff HH:** Human intracranial atherosclerosis. A histochemical and ultrastructural study of gross fatty steak lesions. Am J Pathol 69:421-38, Dec 72
ADULT/ AGED/ BASILAR ARTERY, pathology/ CAROTID ARTERIES, pathology/ *CEREBRAL ARTERIES, pathology/ *CEREBRAL ARTERIOSCLEROSIS, pathology/ ELASTIC TISSUE, pathology/ EXTRACELLULAR SPACE/ *FATTY STREAK, ARTERIAL, pathology/ HUMAN/ METHODS/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ MONOCYTES/ MUSCLE, SMOOTH, pathology/ STAINS AND STAINING

3326. **Hoff JE, Jones CM, Sosa MP, et al:** Naturally occurring crystals in the potato: isolation and identification as a protein.
Biochem Biophys Res Commun 49:1525-9, 18 Dec 72
AMINO ACIDS, analysis/ CENTRIFUGATION/ CHYMOTRYPSIN, antagonists & inhibitors/ CRYSTALLIZATION/ CYSTEINE, analysis/ CYSTINE, analysis/ DIALYSIS/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ LYSINE, analysis/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, analysis/ PLANT PROTEINS, analysis/ *PLANT PROTEINS, isolation & purification/ *PLANTS, analysis/ PLANTS, enzymology/ SODIUM DODECYL SULFATE

3327. **Hoffman TA, Edwards EA:** Group-specific polysaccharide antigen and humoral antibody response in disease due to Neisseria meningitidis.
J Infect Dis 126:636-44, Dec 72
ADOLESCENCE/ ADULT/ ANTIBODIES, BACTERIAL, analysis/ *ANTIBODY FORMATION/ *ANTIGENIC DETERMINANTS/ *ANTIGENS, BACTERIAL, analysis/ ANTIGENS, BACTERIAL, cerebrospinal fluid/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CEREBROSPINAL FLUID, microbiology/ COMPLEMENT, analysis/ HUMAN/ IMMUNITY/ IMMUNOGLOBULINS, analysis/ MALE/ MENINGOCOCCAL INFECTIONS/ *MENINGOCOCCAL INFECTIONS, immunology/ *NEISSERIA MENINGITIDIS, immunology/ *POLYSACCHARIDES, BACTERIAL/ POLYSACCHARIDES, BACTERIAL, blood/ POLYSACCHARIDES, BACTERIAL, cerebrospinal fluid/ PROTHROMBIN TIME/ TIME FACTORS

3328. **Hoffmann R:** Verbrauchskoagulopathie bei spontaner Panleukopenie der Haus- und Wildkatzen.
Berl Munch Tieraerztl Wochenschr 86:72-4, 15 Feb 73 (Ger)
ANIMAL EXPERIMENTS/ *CAT DISEASES, etiology/ CATS/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *DISSEMINATED INTRAVASCULAR COAGULATION, veterinary/ ENGLISH ABSTRACT/ *FELINE INFECTIOUS ENTERITIS, complications/ FEMALE/ MALE

3329. **Hoffmann R, Hoffmann-Fezer G, Weber A:** Untersuchungen zur Pathogenese der Dysenterie bei

Jungkaninchen. I. Disseminierte intravasale Gerinnung bei experimenteller Dysenterie.
Z Versuchstierkd 15:50-8, 1973 (Ger)
ANIMAL DISEASES, physiopathology/ ANIMAL EXPERIMENTS/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ *DISSEMINATED INTRAVASCULAR COAGULATION, veterinary/ DYSENTERY, pathology/ *DYSENTERY, veterinary/ ENGLISH ABSTRACT/ FEMALE/ MALE/ RABBITS/ *RABBITS

3330. **Hofman J:** Aktywność proteolityczna i antytrypsynowa osocza w alergicznej astmie oskrzelowej.
Pol Arch Med Wewn 50:763-8, Aug 73 (Pol)
*ASTHMA, blood/ ASTHMA, enzymology/ ENGLISH ABSTRACT/ *FIBRINOLYSIS/ HUMAN/ *PEPTIDE HYDROLASES, blood/ *TRYPSIN INHIBITORS, blood

3331. **Hofman J, Matusiewicz R:** Aktywność proteolityczna i antytrypsynowa osocza u chorych z dychawicą oskrzelową i przewlekłym nieżytem oskrezeli ze współistnieniem rozedmy płuc.
Pol Arch Med Wewn 50:345-52, Apr 73 (Pol)
ADOLESCENCE/ ADULT/ AGED/ ASTHMA, complications/ *ASTHMA, enzymology/ BRONCHITIS, complications/ *BRONCHITIS, enzymology/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HUMAN/ MIDDLE AGE/ *PEPTIDE HYDROLASES, blood/ PULMONARY EMPHYSEMA, complications/ *PULMONARY EMPHYSEMA, enzymology/ *TRYPSIN INHIBITORS, blood

3332. **Hofmann N, Karlas W:** Untersuchungen zur Osmolalität des menschlichen Seminalplasmas.
Arch Dermatol Forsch 246:35-46, 29 Jan 73 (Ger)
ENGLISH ABSTRACT/ FIBRINOLYSIS/ FRUCTOSE, analysis/ HUMAN/ MALE/ *OSMOLAR CONCENTRATION/ PROSTATE, metabolism/ *SEMEN, analysis/ SEMEN, enzymology/ *STERILITY, MALE, diagnosis/ TEMPERATURE/ TESTIS, metabolism/ TESTOSTERONE/ VISCOSITY

3333. **Hofmann S, Grob PJ, Hany A:** 1 -Antitrypsin-Genotyp-Bestimmung. Untersuchungen in 2 familien.
Schweiz Med Wochenschr 103:100-7, 20 Jan 73 (Ger)
ADULT/ AGED/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ GENOTYPE/ HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ IMMUNOELECTROPHORESIS/ MALE/ METABOLISM, INBORN ERRORS, complications/ *METABOLISM, INBORN ERRORS, familial & genetic/ MIDDLE AGE/ PEDIGREE/ PULMONARY EMPHYSEMA, etiology/ *TRYPSIN INHIBITORS, blood

3334. **Hofstee BH:** Hydrophobic affinity chromatography of proteins. Anal Biochem 52:430-48, Apr 73
AMINOCAPROIC ACID/ BUTYLAMINES/ CATTLE/ *CHROMATOGRAPHY/ CHROMATOGRAPHY, AFFINITY/ CHYMOTRYPSIN/ CHYMOTRYPSINOGEN/ COMPARATIVE STUDY/ CYANOGEN BROMIDE/ ESTERASES/ GAMMA GLOBULIN, 7S/ HYDROGEN-ION CONCENTRATION/ LIGANDS/ LIVER, analysis/ OVALBUMIN/ PHENETHYLAMINES/ POLYSACCHARIDES/ *PROTEIN BINDING/ PROTEINS, analysis/ SERUM ALBUMIN, BOVINE/ STREPTOMYCES GRISEUS/ SWINE/ TRYPTOPHAN

3335. **Hofstee BH:** Protein binding by agarose carrying hydrophobic groups in conjunction with charges.
Biochem Biophys Res Commun 50:751-7, 5 Feb 73
CHEMISTRY/ CHYMOTRYPSIN/ CHYMOTRYPSINOGEN/ ION EXCHANGE/ LACTOGLOBULINS/ MURAMIDASE/ OVALBUMIN/ *POLYSACCHARIDES/ *PROTEIN BINDING/ SERUM ALBUMIN

3336. **Hogle JM, Liener IE:** Reduction and reactivation of the Bowman-Birk soybean inhibitor.
Can J Biochem 51:1014-20, Jul 73
ALKYLATION/ BINDING SITES/ BOROHYDRIDES/ *CHYMOTRYPSIN, antagonists & inhibitors/ *DISULFIDES/ DISULFIDES, analysis/ ELECTROPHORESIS, DISK/ GLUTATHIONE/ MERCAPTOETHANOL/ OSMOLAR CONCENTRATION/ OXIDATION-REDUCTION/ PLANT PROTEINS/ SODIUM/ *SOY BEANS/ SPECTROPHOTOMETRY/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TRYPSIN INHIBITORS/ TRYPSIN INHIBITORS, analysis

3337. **Höglund S:** Komplikationer vid blodtransfusioner.
Lakartidningen 69:Suppl 4:65-72, 27 Dec 72 (Swe)
ANTIBODIES/ ANTIGENS/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS/ *BLOOD GROUP INCOMPATIBILITY/ BLOOD GROUPS/ BLOOD PLATELETS, immunology/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION, adverse effects/ ENGLISH ABSTRACT/ ERYTHROCYTES, immunology/ HEMOGLOBIN/ HEMOSIDEROSIS, etiology/ HEPATITIS, HOMOLOGOUS SERUM, etiology/ HUMAN/ LEUKOCYTES, immunology/ SYPHILIS, etiology

3338. **Höhfeld HH:** Erfahrungen mit den Lokalformen der Phlebex -Präparate bei stumpfen Traumen und anderen Krankheitsbildern.
Med Monatsschr 26:483-5, Oct 72 (Ger)
AESCULUS, therapeutic use/ CAMPHOR, therapeutic use/ CHLORIDES, therapeutic use/ *DERMATOLOGIC AGENTS, therapeutic use/ DOSAGE FORMS/ DRUG COMBINATIONS/ ESTERS, therapeutic use/ HUMAN/ MAGNESIUM/ VASCULAR DISEASES, drug therapy/ *WOUNDS AND INJURIES, drug therapy

3339. **Höhmann R, Martin M, Weigelin E:** Fibrinolysis in retinal vein occlusions. A preliminary report.
Albrecht von Graefes Arch Klin Ophthalmol 187:327-40, 1973
ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ CLINICAL RESEARCH/ COUMARINS, therapeutic use/ EVALUATION STUDIES/ FEMALE/ FIBRINOGEN/ *FIBRINOLYSIS/ FLUORESCENCE ANGIOGRAPHY/ FUNDUS OCULI/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ OPHTHALMODYNAMOMETRY/ PLASMINOGEN/ *RETINAL VEIN/ STREPTOKINASE, therapeutic use/ *THROMBOPHLEBITIS, drug therapy/ THROMBOPLASTIN/ VISUAL ACUITY, drug effects

3340. **Hojima Y, Moriwaki C, Moriya H:** Studies on kallikrein inhibitors from potatoes. V. Characterization of two isolated inhibitors.
J Biochem (Tokyo) 73:933-43, May 73
CHYMOTRYPSIN, antagonists & inhibitors/ COMPARATIVE STUDY/ *KALLIKREIN-TRYPSIN INACTIVATOR/ KALLIKREIN-TRYPSIN INACTIVATOR, isolation & purification/ PANCREAS, enzymology/ PAPAIN, antagonists & inhibitors/ PEPSIN, antagonists & inhibitors/ SUBTILISINS, antagonists & inhibitors/ SWINE/ THROMBIN, antagonists & inhibitors/ VEGETABLES, analysis

3341. **Hojima Y, Moriwaki C, Moriya H:** Studies on kallikrein inhibitors from potatoes. IV. Isolation of two inhibitors and determination of molecular weights and amino acid compositions.
J Biochem (Tokyo) 73:923-32, May 73
AMINO ACIDS, analysis/ GEL FILTRATION/ ISOELECTRIC FOCUSING/ *KALLIKREIN-TRYPSIN INACTIVATOR, isolation & purification/ MOLECULAR WEIGHT/ VEGETABLES, analysis

3342. **Hojima Y, Moriya H, Moriwaki C, et al:** Studies on kallikrein inhibitors from potatoes. 3. Some pharmacological actions of potato-kallikrein-inhibitors (PKI).
Chem Pharm Bull (Tokyo) 20:1312-20, Jun 72
ANAPHYLAXIS, drug therapy/ ANIMAL EXPERIMENTS/ ANTI-INFLAMMATORY AGENTS, therapeutic use/ COMPARATIVE

STUDY/ DOGS/ EDEMA, drug therapy/ FEMALE/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, analysis/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ *PLANTS, EDIBLE, analysis/ RATS

3343. **Hokari S:** [Clinical pharmacology. 10. Hemostatics] Jap J Nurs 36:1328-31, Oct 72 (Jap)
HEMOSTATICS/ SPECIAL LIST NURSING

3344. **Holborow EJ, Papamichail M:** Observations on lymphocytes bearing surface immunoglobulin in health and in disease.
Int Arch Allergy Appl Immunol 45:210-3, 1973
AGAMMAGLOBULINEMIA, blood/ ANTI-ANTIBODIES/ ANTIGEN-ANTIBODY COMPLEX/ ANTIGENIC DETERMINANTS/ AZIDES, pharmacodynamics/ BINDING SITES, ANTIBODY/ *CELL MEMBRANE, immunology/ CYTOCHALASIN B, pharmacodynamics/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ IGG/ *IMMUNOGLOBULINS/ IMMUNOGLOBULINS, biosynthesis/ LEUKEMIA, LYMPHOCYTIC, blood/ LYMPHOCYTE TRANSFORMATION/ *LYMPHOCYTES, immunology/ PINOCYTOSIS/ PRONASE, pharmacodynamics/ SARCOIDOSIS, blood/ SODIUM, pharmacodynamics/ TRYPSIN, pharmacodynamics

3345. **Holder IA, Nathan P:** Effect in mice of injection of viable Candida albicans and a cell-free sonic extract on circulating platelets. Infect Immun 7:468-72, Mar 73
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, drug effects/ CANDIDA ALBICANS, growth & development/ CANDIDA ALBICANS, isolation & purification/ *CANDIDA ALBICANS, pathogenicity/ CELL-FREE SYSTEM/ DISEASE MODELS, ANIMAL/ HEMATOCRIT/ HEPARIN, pharmacodynamics/ MICE/ *MONILIASIS, blood/ *PLATELET ADHESIVENESS, drug effects/ SEPTICEMIA, microbiology/ *THROMBOPENIA, etiology/ VIRULENCE

3346. **Holec V, Siška K, Hoja S, et al:** Intraportálna inhibícia proteináz Trasylolom pri dlhšie trvajúcej perfúzii.
Rozhl Chir 51:613-20, Oct 72 (Slo)
ANIMAL EXPERIMENTS/ DOGS/ ENGLISH ABSTRACT/ EXTRACORPOREAL CIRCULATION/ HYPERTENSION, PORTAL, prevention & control/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ LIVER CIRCULATION/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PERFUSION/ *PORTAL SYSTEM, enzymology/ TIME FACTORS

3347. **Holland IB, Tuckett S:** Study of envelope proteins in E. coli cet and recA mutants by SDS acrylamide gel electrophoresis. J Supramol Struct 1:77-97, 1972
AUTORADIOGRAPHY/ *BACTERIAL PROTEINS, analysis/ *CELL WALL, analysis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ESCHERICHIA COLI, analysis/ GENETICS, BIOCHEMICAL/ HEATING/ MOLECULAR WEIGHT/ MUTATION/ PEPTIDES, isolation & purification/ SODIUM DODECYL SULFATE/ SURFACE-ACTIVE AGENTS/ TRYPSIN, pharmacodynamics

3348. **Holland JF, Scharlau C, Gallani S, et al:** Vincristine treatment of advanced cancer: a cooperative study of 392 cases. Cancer Res 33:1258-64, Jun 73
BLADDER NEOPLASMS, drug therapy/ BREAST NEOPLASMS, drug therapy/ CONSTIPATION, chemically induced/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ HODGKIN'S DISEASE, drug therapy/ HUMAN/ INJECTIONS, INTRAVENOUS/ LEUKOPENIA, chemically induced/ LYMPHOMA, drug therapy/ MALE/ *NEOPLASMS, drug therapy/ PAIN, chemically induced/ PARESTHESIA, chemically induced/ PERIPHERAL NERVE DISEASES, chemically induced/ REMISSION/ SARCOMA, RETICULUM CELL, drug therapy/ THROMBOPENIA, chemically induced/ VINCRISTINE, administration & dosage/ *VINCRISTINE, therapeutic use/ VINCRISTINE, toxicity

3349. **Holland PV, Alter HJ, Purcell RH, et al:** Hepatitis B antigen (HB Ag) and antibody (anti-HB Ag) in cold ethanol fractions of human plasma.
Transfusion 12:363-70, Nov-Dec 72
ALCOHOL, ETHYL/ *ANTIBODIES, analysis/ ANTICOAGULANTS/ *ANTIGENS, analysis/ BLOOD TRANSFUSION/ COMPLEMENT/ COMPLEMENT FIXATION TESTS/ GEL DIFFUSION TESTS/ HEMAGGLUTINATION TESTS/ *HEPATITIS VIRUSES, immunology/ HUMAN/ IMMUNE SERUMS/ RADIOIMMUNOASSAY/ SERUM ALBUMIN

3350. **Hollander D:** Vitamin K1 absorption by everted intestinal sacs of the rat.
Am J Physiol 225:360-4, Aug 73
ANIMAL EXPERIMENTS/ ATMOSPHERE EXPOSURE CHAMBERS/ CARBON ISOTOPES/ DINITROPHENOLS, pharmacodynamics/ IN VITRO/ *INTESTINAL ABSORPTION/ INTESTINAL MUCOSA, metabolism/ INTESTINE, SMALL, metabolism/ KINETICS/ MALE/ NITROGEN, pharmacodynamics/ RATS/ VITAMIN K, administration & dosage/ *VITAMIN K, metabolism

3351. **Hollaway MR, Hardman MJ:** Evidence for a rate-limiting conformation change in the catalytic steps of the ficin and papain-catalysed hydrolyses of benzyloxycarbonyl-L-lysine p-nitrophenyl ester.
Eur J Biochem 32:537-46, 1 Feb 73
BENZYL COMPOUNDS/ CHEMISTRY/ ESTERS/ FORMIC ACIDS/ HALF-LIFE/ HYDROLYSIS/ HYDROXYLAMINES/ KINETICS/ *LYSINE/ NITROPHENOLS/ *PAPAIN/ *PEPTIDE PEPTIDOHYDROLASES/ PROTEIN CONFORMATION/ TIME FACTORS

3352. **Holle G, Sorger K:** Zur Morphologie benigner und maligner Rektumtumoren.
Dtsch Z Verdau Stoffwechselkr 32:217-28, 1972 (Ger)
ADENOMA, pathology/ CARCINOID TUMOR, pathology/ FIBROMA, pathology/ HEMANGIOMA, pathology/ HUMAN/ LIPOMA, pathology/ MYOMA, pathology/ MYXOMA, pathology/ NEUROFIBROMATOSIS, pathology/ *POLYPS, pathology/ *RECTAL NEOPLASMS, pathology

3353. **Holley RA, Kidby DK:** Role of vacuoles and vesicles in extracellular enzyme secretion from yeast.
Can J Microbiol 19:113-7, Jan 73
ACID PHOSPHATASE, biosynthesis/ ACID PHOSPHATASE, metabolism/ ALKALINE PHOSPHATASE, biosynthesis/ ALKALINE PHOSPHATASE, metabolism/ CELL-FREE SYSTEM/ *CELLULAR INCLUSIONS, enzymology/ CENTRIFUGATION, DENSITY GRADIENT/ ENZYME REPRESSION/ *L FORMS, enzymology/ MICROSCOPY, PHASE CONTRAST/ PEPTIDE HYDROLASES, biosynthesis/ PEPTIDE HYDROLASES, metabolism/ POLYSACCHARIDES/ RIBONUCLEASE, biosynthesis/ RIBONUCLEASE, metabolism/ *SACCHAROMYCES CEREVISIAE, enzymology/ SPHEROPLASTS, enzymology/ SUCRASE, biosynthesis/ SUCRASE, metabolism/ VIBRATION

3354. **Hollis TM, Rosen LA:** Histidine decarboxylase activity of bovine aortic endothelium and intima-media.
Proc Soc Exp Biol Med 141:978-81, Dec 72
ANIMAL EXPERIMENTS/ AORTA, THORACIC, cytology/ *AORTA, THORACIC, enzymology/ CARBON ISOTOPES/ *CARBOXY-LYASES, analysis/ CARBOXY-LYASES, metabolism/ CATTLE/ CELLS, CULTURED/ ENDOTHELIUM, cytology/ ENDOTHELIUM, enzymology/ HISTAMINE, biosynthesis/ HISTIDINE/ MALE/ METHODS/ MICROCIRCULATION/ RATS/ TRYPSIN, pharmacodynamics

3355. **Holloway PW, Katz JT:** A requirement for cytochrome b 5 in microsomal stearyl coenzyme A desaturation.
Biochemistry 11:3689-96, 26 Sep 72
ANIMAL EXPERIMENTS/ BILE ACIDS AND SALTS/ CARBON ISOTOPES/ CHICKENS/ CHROMATOGRAPHY, THIN LAYER/ COENZYME A/ *CYTOCHROMES/ CYTOCHROMES, analysis/ CYTOCHROMES, isolation & purification/ ENZYME ACTIVATION/ FEMALE/ GEL FILTRATION/ LIPIDS/ MICROSOMES, LIVER, analysis/ *MICROSOMES, LIVER, enzymology/ NAD/ *OXIDOREDUCTASES/ OXIDOREDUCTASES, analysis/ OXIDOREDUCTASES, isolation & purification/ SPECTROPHOTOMETRY/ STEARIC ACID/ SURFACE-ACTIVE AGENTS/ TRYPSIN

3356. **Holm G:** Lysis of antibody-treated human erythrocytes by human leukocytes and macrophages in tissue culture.
Int Arch Allergy Appl Immunol 42:671-82, 1972
ABO FACTORS/ *ANTIBODIES/ CANDIDA ALBICANS, immunology/ CELLS, CULTURED/ CHROMIUM ISOTOPES/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ ERYTHROCYTES, drug effects/ *ERYTHROCYTES, immunology/ FEMALE/ HEMAGGLUTINATION TESTS/ *HEMOLYSIS/ HUMAN/ IMMUNE SERUMS/ IMMUNITY, CELLULAR/ ISOANTIBODIES/ LEUKOCYTE COUNT/ *LEUKOCYTES, immunology/ *MACROPHAGES, immunology/ MALE/ PHAGOCYTOSIS/ RABBITS, immunology/ RH FACTORS/ TRYPSIN, pharmacodynamics

3357. **Holm G:** Lysis of antibody-treated human erythrocytes by human leukocytes and macrophages in tissue culture.
Int Arch Allergy Appl Immunol 43:671-82, 1972
ABO FACTORS/ *ANTIBODIES/ CANDIDA ALBICANS, immunology/ CELLS, CULTURED/ CHROMIUM ISOTOPES/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ ERYTHROCYTES, drug effects/ *ERYTHROCYTES, immunology/ FEMALE/ HEMAGGLUTINATION TESTS/ *HEMOLYSIS/ HUMAN/ IMMUNE SERUMS/ IMMUNITY, CELLULAR/ ISOANTIBODIES/ LEUKOCYTE COUNT/ *LEUKOCYTES, immunology/ *MACROPHAGES, immunology/ MALE/ PHAGOCYTOSIS/ RABBITS, immunology/ RH FACTORS/ TRYPSIN, pharmacodynamics

3358. **Holm H, Fossum K, Eide WB:** Chemical and biological evaluation of protein quality of locally produced and processed full-fat soya bean flour from three Tanzanian villages. J Sci Food Agric 24:333-41, Mar 73
AMINO ACIDS, analysis/ AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ DIETARY PROTEINS, metabolism/ DIGESTION/ FLOUR/ FLOUR, analysis/ FLOUR, standards/ LIPIDS, analysis/ MALE/ NITROGEN, analysis/ NITROGEN, metabolism/ *PLANT PROTEINS/ PLANT PROTEINS, analysis/ PLANT PROTEINS, standards/ RATS/ *SOY BEANS/ SOY BEANS, analysis/ SPECIES SPECIFICITY/ TANZANIA/ TRYPSIN INHIBITORS, analysis

3359. **Holm HH, Kristensen JK, Rasmussen SN, et al:** Ultrasonic diagnosis of juxtarenal masses.
Scand J Urol Nephrol 6:Suppl 15:83-8, 1972
ABSCESS, diagnosis/ ADENOCARCINOMA, diagnosis/ ADENOMA, diagnosis/ *ADRENAL GLAND NEOPLASMS, diagnosis/ ADULT/ CARCINOMA, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ HEMATOMA, diagnosis/ HUMAN/ *KIDNEY DISEASES, diagnosis/ *KIDNEY NEOPLASMS, diagnosis/ METHODS/ MIDDLE AGE/ POSTURE/ *ULTRASONICS, diagnostic use

3360. **Holm J, Scherstén T:** Anticoagulant treatment during and after embolectomy.
Acta Chir Scand 138:683-7, 1972
ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ *BISHYDROXYCOUMARIN, therapeutic use/ BLOOD CIRCULATION/ BLOOD COAGULATION, drug effects/ EMBOLISM, complications/ EMBOLISM, diagnosis/ *EMBOLISM, drug therapy/ EMBOLISM, etiology/ EMBOLISM, mortality/ EMBOLISM, surgery/ ENDARTERECTOMY/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ PROGNOSIS

3361. **Holm SE, Holmgren J, Ahlmén J:** Immunological cross-reactivity between human kidney and certain E. coli and streptococcal strains.
Int Arch Allergy Appl Immunol 43:63-71, 1972
*ANTIGENS, analysis/ ANTIGENS, BACTERIAL, analysis/ *CROSS REACTIONS/ *ESCHERICHIA COLI, immunology/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNE SERUMS/ *KIDNEY, immunology/ KIDNEY, transplantation/ MALE/ *STREPTOCOCCUS, immunology/ TRYPSIN INHIBITORS

3362. **Holmberg L, Nilsson IM:** Immunologic studies in haemophilia A. Scand J Haematol 10:12-6, 1973
ANIMAL EXPERIMENTS/ ANTICOAGULANTS/ BLOOD PROTEIN ELECTROPHORESIS/ *FACTOR VIII/ GEL FILTRATION/ HEMADSORPTION INHIBITION TESTS/ *HEMOPHILIA, immunology/ HUMAN/ IMMUNE SERUMS/ RABBITS, immunology

3363. **Holmberg L, Nilsson IM:** Two genetic variants of von Willebrand's disease.
N Engl J Med 288:595-8, 22 Mar 73
ADULT/ ANTIGEN-ANTIBODY COMPLEX/ BLOOD COAGULATION TESTS/ BLOOD PROTEINS, analysis/ CHILD, PRESCHOOL/ FACTOR VIII/ FEMALE/ GENES, DOMINANT/ HEMOPHILIA, familial & genetic/ HEMOPHILIA, immunology/ HUMAN/ IMMUNE SERUMS/ MALE/ PLATELET ADHESIVENESS/ RABBITS, immunology/ SEX CHROMOSOMES/ VON WILLEBRAND'S DISEASE, blood/ VON WILLEBRAND'S DISEASE, classification/ *VON WILLEBRAND'S DISEASE, familial & genetic/ VON WILLEBRAND'S DISEASE, immunology

3364. **Holmberg L, Nilsson IM:** AHF-related protein and precipitation reactions. Br Med J 1:549, 3 Mar 73
BLOOD COAGULATION TESTS/ *FACTOR VIII/ HUMAN/ *IMMUNE SERUMS/ VON WILLEBRAND'S DISEASE, diagnosis

3365. **Holmsen H, Day HJ:** Biochemistry and physiology of blood platelets. Ann Clin Lab Sci 1:38-47, Jul-Aug 71
ADENOSINE DIPHOSPHATE, physiology/ ADENOSINE TRIPHOSPHATE, metabolism/ BLOOD COAGULATION/ *BLOOD PLATELETS/ BLOOD PLATELETS, cytology/ BLOOD PLATELETS, enzymology/ BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, physiology/ CALCIUM, metabolism/ CYTOPLASMIC GRANULES/ GLUCONEOGENESIS/ GLYCOGEN, metabolism/ GLYCOLYSIS/ HUMAN/ LIPIDS, metabolism/ MICROTUBULES/ NUCLEOTIDES, metabolism/ OXIDATIVE PHOSPHORYLATION/ PHOSPHOLIPIDS, metabolism/ PLATELET ADHESIVENESS/ POTASSIUM, metabolism/ PROTEINS, biosynthesis/ SEROTONIN, metabolism/ ZINC, metabolism

3366. **Holmsen H, Day HJ, Setkowsky CA:** Secretory mechanisms. Behaviour of adenine nucleotides during the platelet release reaction induced by adenosine diphosphate and adrenaline.
Biochem J 129:67-82, Aug 72
ADENINE/ *ADENINE NUCLEOTIDES, metabolism/ *ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE MONOPHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ ASPIRIN/ BLOOD COAGULATION/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ CATTLE/ COLLAGEN/ *EPINEPHRINE, pharmacodynamics/ GLYCOLYSIS/ HORSES/ HUMAN/

HYPOXANTHINES/ IN VITRO/ INOSINE NUCLEOTIDES/ OXIDATIVE PHOSPHORYLATION/ THROMBIN/ TRITIUM

3367. **Holmström H, Johanson B:** Local radiation injury and its surgical treatment. Report of 170 cases. Scand J Plast Reconstr Surg 6:156-64, 1972
ADULT/ AGED/ ATROPHY/ BONE AND BONES, transplantation/ CARCINOMA, BASAL CELL, radiotherapy/ CARCINOMA, BASAL CELL, surgery/ CARCINOMA, BASOSQUAMOUS, radiotherapy/ CARCINOMA, BASOSQUAMOUS, surgery/ CARCINOMA, EPIDERMOID, radiotherapy/ CARCINOMA, EPIDERMOID, surgery/ FEMALE/ HEMANGIOMA, radiotherapy/ HEMANGIOMA, surgery/ HUMAN/ MALE/ MIDDLE AGE/ NECROSIS/ *NEOPLASMS, RADIATION-INDUCED, surgery/ *RADIATION INJURIES, surgery/ RADIOTHERAPY, adverse effects/ SKIN, transplantation/ SKIN NEOPLASMS, surgery/ TIME FACTORS/ TRANSPLANTATION, AUTOLOGOUS

3368. **Holobek J:** Clinical experience with a proteolytic enzyme. Vet Med Small Anim Clin 68:148-50, Feb 73
ANIMAL EXPERIMENTS/ *CAT DISEASES, drug therapy/ CATS/ *DOG DISEASES, drug therapy/ DOGS/ *PEPTIDE HYDROLASES, therapeutic use/ WOUNDS AND INJURIES, drug therapy/ *WOUNDS AND INJURIES, veterinary

3369. **Holowczak JA:** Uncoating of poxviruses. I. Detection and characterization of subviral particles in the uncoating process. Virology 50:216-32, Oct 72
AMINO ACIDS/ CARBON ISOTOPES/ CELL FRACTIONATION/ CENTRIFUGATION, DENSITY GRADIENT/ CYCLOHEXIMIDE, pharmacodynamics/ CYTARABINE, pharmacodynamics/ DEOXYRIBONUCLEASE/ *DNA, VIRAL, analysis/ HELA CELLS/ HUMAN/ MERCAPTOETHANOL/ MICROSCOPY, ELECTRON/ *NUCLEOPROTEINS, analysis/ PUROMYCIN, pharmacodynamics/ SPECTROPHOTOMETRY/ STAINS AND STAINING/ SURFACE-ACTIVE AGENTS/ THYMIDINE/ TRITIUM/ TRYPSIN/ *VACCINIA VIRUS, analysis/ VACCINIA VIRUS, drug effects/ VACCINIA VIRUS, growth & development/ VACCINIA VIRUS, metabolism/ VIBRATION/ *VIRAL PROTEINS, analysis

3370. **Holstein P, Jacobsen K, Pedersen JF, et al:** Intravesical hydrostatic pressure treatment: new method for control of bleeding from the bladder mucosa. J Urol 109:234-6, Feb 73
AGED/ *BLADDER/ BLADDER DISEASES, etiology/ *BLADDER DISEASES, therapy/ BLADDER NEOPLASMS, complications/ BREAST NEOPLASMS, drug therapy/ CYCLOPHOSPHAMIDE, adverse effects/ CYCLOPHOSPHAMIDE, therapeutic use/ FEMALE/ HEMATURIA, etiology/ HEMORRHAGE, etiology/ *HEMORRHAGE, therapy/ HEMOSTASIS/ HUMAN/ HYDROSTATIC PRESSURE/ MALE/ METHODS/ MIDDLE AGE/ OVARIAN NEOPLASMS, drug therapy/ *PRESSURE/ TIME FACTORS

3371. **Holtz GC, Davis RB:** Inhibition of human platelet aggregation by dimethylsulfoxide, dimethylacetamide, and sodium glycerophosphate. Proc Soc Exp Biol Med 141:244-8, Oct 72
*ACETAMIDES, pharmacodynamics/ ADENOSINE DIPHOSPHATE, antagonists & inhibitors/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ BLOOD/ *CRYOPROTECTIVE AGENTS, pharmacodynamics/ DENSITOMETRY/ DEPRESSION, CHEMICAL/ *DIMETHYL SULFOXIDE, pharmacodynamics/ EPINEPHRINE, antagonists & inhibitors/ EPINEPHRINE, pharmacodynamics/ GLUCOSE, pharmacodynamics/ *GLYCEROPHOSPHATES, pharmacodynamics/ HUMAN/ IN VITRO/ *PLATELET ADHESIVENESS, drug effects/ THROMBIN, antagonists & inhibitors/ THROMBIN, pharmacodynamics

3372. **Holwerda DA:** A glycopeptide from the posterior lobe of pig pituitaries. 2. Primary structure. Eur J Biochem 28:340-6, 24 Jul 72
AMINO ACID SEQUENCE/ ASPARAGINE, analysis/ *CARBOHYDRATES, analysis/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ GEL FILTRATION/ GLUCOSAMINE, analysis/ *GLYCOPEPTIDES, analysis/ HYDRAZINES/ MASS SPECTRUM ANALYSIS/ PEPTIDES/ *PITUITARY GLAND, POSTERIOR, analysis/ PRONASE/ SWINE/ TRYPSIN

3373. **Hölzl HR, Flora G, Marberger M:** Primärer Achselvenenstau (Paget-von Schroetter-Syndrom. Langenbecks Arch Chir 331:295-314, 29 Dec 72 (Ger)
ADOLESCENCE/ ADULT/ AGE FACTORS/ ANTICOAGULANTS, therapeutic use/ AUSTRIA/ AUTONOMIC NERVE BLOCK/ *AXILLARY VEIN/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ INTERMITTENT CLAUDICATION, occurrence/ INTERMITTENT CLAUDICATION, radiography/ INTERMITTENT CLAUDICATION, surgery/ *INTERMITTENT CLAUDICATION, therapy/ MALE/ MIDDLE AGE/ PHLEBOGRAPHY/ SEX FACTORS/ STELLATE GANGLION/ STREPTOKINASE, therapeutic use/ SYNDROME/ THROMBOPHLEBITIS, occurrence/ THROMBOPHLEBITIS, radiography/ THROMBOPHLEBITIS, surgery/ *THROMBOPHLEBITIS, therapy

3374. **Holzmann K:** Menstruationsverschiebung vor zahnärztlich-chirurgischen Eingriffen. Munch Med Wochenschr 115:123-4, 26 Jan 73 (Ger)
BLOOD COAGULATION DISORDERS, complications/ CONTRACEPTIVES, ORAL/ FEMALE/ HUMAN/ *MENSTRUATION/ *SURGERY, OPERATIVE/ *SURGERY, ORAL/ TIME FACTORS

3375. **Homma M, Isomura N, Tu AT:** Hemorrhage, myonecrosis and vascular lesion in experimental snake envenomation, with special reference to Thailand snake venoms. Jap J Med Sci Biol 25:206-10, Jun 72
ANIMAL EXPERIMENTS/ BLOOD VESSELS, pathology/ HEMORRHAGE, chemically induced/ ISCHEMIA/ MALE/ MICE/ MUSCLES, pathology/ NECROSIS/ PEPTIDE HYDROLASES, metabolism/ SNAKE BITES, enzymology/ SNAKE BITES, pathology/ *SNAKES/ THAILAND/ *VENOMS, toxicity

3376. **Homma M, Tamagawa S:** Restoration of the fusion activity of L cell-borne Sendai virus by trypsin. J Gen Virol 19:423-6, Jun 73
CARCINOMA, EHRLICH TUMOR/ CELL FUSION/ CELL LINE/ KIDNEY/ L CELLS/ MICE/ MONKEYS/ *SENDAI VIRUS, growth & development/ SENDAI VIRUS, isolation & purification/ *TRYPSIN, pharmacodynamics

3377. **Homsen H:** Ethanol-insoluble adenine nucleotides in platelets and their possible role in platelet function. Ann NY Acad Sci 201:109-21, 27 Oct 72
ADENINE, metabolism/ *ADENINE NUCLEOTIDES, blood/ ADENOSINE DIPHOSPHATE, blood/ ADENOSINE TRIPHOSPHATE, blood/ ALCOHOL, ETHYL/ *BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ COLLAGEN/ ERYTHROCYTES, metabolism/ HUMAN/ LUCIFERASE/ LUCIFERIN/ SOLUBILITY/ THROMBIN/ TRITIUM

3378. **Hoogstraten B, Holland JF, Kramer S, et al:** Combination chemotherapy-radiotherapy for stage 3 Hodgkin's disease. An acute leukemia group B study. Arch Intern Med 131:424-8, Mar 73
ADULT/ AGE FACTORS/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BONE MARROW, drug effects/ EVALUATION STUDIES/ FEMALE/ HEMOGLOBINOMETRY/ HODGKIN'S DISEASE, drug therapy/ HODGKIN'S DISEASE, mortality/ HODGKIN'S

DISEASE, radiotherapy/ *HODGKIN'S DISEASE, therapy/ HUMAN/ MALE/ MECHLORETHAMINE, administration & dosage/ MECHLORETHAMINE, adverse effects/ *MECHLORETHAMINE, therapeutic use/ MIDDLE AGE/ MYELITIS, TRANSVERSE, chemically induced/ PERITONITIS, chemically induced/ PULMONARY FIBROSIS, chemically induced/ RADIOTHERAPY DOSAGE/ VINBLASTINE, administration & dosage/ VINBLASTINE, adverse effects/ *VINBLASTINE, therapeutic use

3379. Hook WA, Snyderman R, Mergenhagen SE: Further characterization of a factor from endotoxin-treated serum which releases histamine and heparin from mast cells. Infect Immun 5:909-14, Jun 72
ANIMAL EXPERIMENTS/ CAPILLARY PERMEABILITY, drug effects/ CENTRIFUGATION, DENSITY GRADIENT/ ELECTROPHORESIS, PAPER/ *ENDOTOXINS, pharmacodynamics/ FEMALE/ GEL FILTRATION/ GUINEA PIGS/ HAMSTERS, immunology/ HEPARIN, analysis/ *HEPARIN, metabolism/ HISTAMINE, analysis/ *HISTAMINE LIBERATION, drug effects/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ LIPOPOLYSACCHARIDES, pharmacodynamics/ MALE/ *MAST CELLS, drug effects/ MOLECULAR WEIGHT/ POLYSACCHARIDES, BACTERIAL, pharmacodynamics/ SALMONELLA TYPHOSA/ SKIN ABSORPTION, drug effects/ SUCROSE

3380. Hooper JA, Smith EL: Histone 3. II. Isolation and sequences of chymotryptic peptides from calf thymus histone 3. J Biol Chem 248:3255-60, 10 May 73
*AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ GEL FILTRATION/ HISTONES, analysis/ *HISTONES, isolation & purification/ PEPTIDES, analysis/ PROTEIN HYDROLYSATES/ *THYMUS GLAND, analysis

3381. Hooper JA, Smith EL, Sommer KR, et al: Histone 3. IV. Amino acid sequence of histone 3 of the testes of the carp, Letiobus bubalus.
J Biol Chem 248:3275-9, 10 May 73
*AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ *CYPRINIDAE/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ *HISTONES, analysis/ MALE/ PEPTIDES, analysis/ PROTEIN HYDROLYSATES/ *TESTIS, analysis/ TRYPSIN

3382. Hopkins TR, Spikes JD: Conformation measurements on bovine trypsin and alpha-chymotrypsin during photodynamic inactivation.
Radiat Res 53:315-25, Feb 73
CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ *CHYMOTRYPSIN/ DYES/ FLUORESCENCE/ HEAT/ OXIDATION-REDUCTION/ *PHOTOCHEMISTRY/ PROTEIN CONFORMATION/ *TRYPSIN/ TRYPTOPHAN/ UREA

3383. Hoq MS, Clarkson AR, Anderton JL, et al: Urinary excretion of heterophile (sheep) haemagglutinins and fibrin-fibrinogen degradation products after renal transplantation and in proliferative glomerulonephritis. Lancet 1:1029-31, 12 May 73
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ *ANTIBODIES, HETEROTYPIC, urine/ ANTIBODY SPECIFICITY/ FEMALE/ *FIBRIN, metabolism/ FIBRIN, urine/ *FIBRINOGEN, metabolism/ FIBRINOGEN, urine/ *GLOMERULONEPHRITIS, immunology/ GRAFT REJECTION/ HEMAGGLUTINATION, drug effects/ HUMAN/ INDOMETHACIN, pharmacodynamics/ *KIDNEY, transplantation/ MALE/ MIDDLE AGE/ SHEEP, immunology/ TRANSPLANTATION, HOMOLOGOUS

3384. Horbett TA, Teller DC: Low pH dimerization behavior of active-site derivatives of bovine -chymotrypsin.
Biochemistry 12:1349-58, 27 Mar 73
ACETIC ACIDS/ BENZENE DERIVATIVES/ BENZOATES/ BINDING SITES/ BUTYRATES/ CARBAMATES/ CARBOXYLIC ACIDS/ CARBOXYPEPTIDASES/ CATTLE/ CHEMISTRY/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, antagonists & inhibitors/ CINNAMATES/ FURANS/ HYDROGEN-ION CONCENTRATION/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ NITRO COMPOUNDS/ OPTICAL ROTATORY DISPERSION/ PHOSPHORIC ACIDS/ PROPIONATES/ SPECTROPHOTOMETRY/ SULFONIC ACIDS/ TOSYL COMPOUNDS/ VALERATES

3385. Hörder MH, Bernhardt D, Schamaun M: Zur schockbedingten Verbrauchskoagulopathie und ihrer Behandlung mit Heparin.
Helv Chir Acta 39:585-8, Dec 72 (Ger)
ADOLESCENCE/ ADULT/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ FIBRINOGEN, analysis/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *SHOCK, HEMORRHAGIC, complications/ THROMBOPENIA, etiology

3386. Hori A, Jacob H: Diffuse Leukoangiomatosen bei er lichem Schwachsinn.
Arch Psychiatr Nervenkr 216:277-86, 1972 (Ger)
ABNORMALITIES, MULTIPLE, complications/ AGED/ *ANGIOMATOSIS, complications/ ANGIOMATOSIS, pathology/ BRAIN, pathology/ CEREBELLUM, pathology/ *CEREBRAL ARTERIES, abnormalities/ *DEMYELINATION, complications/ DEMYELINATION, pathology/ ENGLISH ABSTRACT/ FACE, abnormalities/ FEMALE/ HUMAN/ *MENTAL RETARDATION, familial & genetic/ NASAL POLYPS, complications/ SKULL, abnormalities/ TELANGIECTASIS, complications

3387. Horn RG: Evidence for participation of granulocytes in the pathogenesis of the generalized Shwartzman reaction: a review.
J Infect Dis 128:Suppl:134-43, Jul 73 (49 ref.)
ANIMAL EXPERIMENTS/ DISSEMINATED INTRAVASCULAR COAGULATION/ *ENDOTOXINS/ FIBRINOGEN/ FIBRINOLYSIS/ IONS/ *LEUKOCYTES/ LYSOSOMES/ NEUTROPHILS/ RETICULOENDOTHELIAL SYSTEM/ REVIEW/ *SHWARTZMAN PHENOMENON

3388. Horn Y, Halden A, Gordan GS: The platelet-stimulating effects of 7-beta, 17-alpha-dimethyltestosterone (calusterone). Blood 40:684-7, Nov 72
ADULT/ AGED/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *BLOOD PLATELETS, drug effects/ BREAST NEOPLASMS, drug therapy/ COMPARATIVE STUDY/ ERYTHROCYTES, drug effects/ FEMALE/ HEMATOCRIT/ HUMAN/ MIDDLE AGE/ TESTOLACTONE, therapeutic use/ *TESTOSTERONE, therapeutic use

3389. Horne CH, Forbes CD, Prentice CR: Antiplasmin activity of rat serum slow -globulins.
Br J Haematol 24:115-21, Jan 73
*ALPHA GLOBULIN/ ANIMAL EXPERIMENTS/ FEMALE/ *FIBRINOLYSIN, antagonists & inhibitors/ HUMAN/ IMMUNE COMPLEX DISEASE, immunology/ MALE/ NEPHRITIS, immunology/ RATS/ STREPTOKINASE, pharmacodynamics

3390. Horne HW Jr, Clyman M, Debrovner C, et al: The prevention of postoperative pelvic adhesions following conservative operative treatment for human infertility. A final 3-year follow-up report.
Int J Fertil 18:109-15, 1973
ABORTION/ *ADHESIONS, prevention & control/ ADHESIONS, surgery/ ADULT/ AGE

FACTORS/ DEXAMETHASONE, administration & dosage/ *DEXAMETHASONE, therapeutic use/ FALLOPIAN TUBES, surgery/ FEMALE/ FERTILIZATION/ FOLLOW-UP STUDIES/ HUMAN/ MIDDLE AGE/ OVARY, surgery/ *PELVIS/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PREGNANCY/ PREGNANCY, ECTOPIC/ PROMETHAZINE, administration & dosage/ *PROMETHAZINE, therapeutic use/ *STERILITY, FEMALE, surgery/ TIME FACTORS/ UTERUS, surgery

3391. **Horner AA:** Enzymic depolymerization of macromolecular heparin as a factor in control of lipoprotein lipase activity.
Proc Natl Acad Sci USA 69:3469-73, Nov 72
ANIMAL EXPERIMENTS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ELECTROPHORESIS, STARCH GEL/ ENZYME ACTIVATION, drug effects/ GEL FILTRATION/ GLYCOSIDE HYDROLASES, metabolism/ HEPARIN/ HEPARIN, analysis/ HEPARIN, blood/ HEPARIN, isolation & purification/ HEPARIN, metabolism/ *HEPARIN, pharmacodynamics/ INTESTINAL MUCOSA, analysis/ INTESTINE, SMALL, enzymology/ LIPOPROTEIN LIPASE, antagonists & inhibitors/ *LIPOPROTEIN LIPASE, metabolism/ MACROMOLECULAR SYSTEMS, metabolism/ MOLECULAR WEIGHT/ MYOCARDIUM, enzymology/ RATS/ SKIN, analysis/ SWINE

3392. **Horns JW, Barnes RA:** Arteriography in occult splenic rupture. Surg Gynecol Obstet 137:227-30, Aug 73
ADOLESCENCE/ ADULT/ ANGIOGRAPHY/ ANGIOGRAPHY, adverse effects/ CELIAC ARTERY, radiography/ DIAGNOSIS, DIFFERENTIAL/ HEMATOMA, etiology/ HEMATOMA, radiography/ HEMORRHAGE, diagnosis/ HUMAN/ MALE/ SPLENIC ARTERY, radiography/ SPLENIC RUPTURE, complications/ *SPLENIC RUPTURE, radiography/ THROMBOSIS, etiology/ TIME FACTORS/ WOUNDS AND INJURIES, complications

3393. **Hornstra G, Chait A, Karvonen MJ, et al:** The effect of dietary fat on platelet function. Clin Sci 44:21P, Apr 73
CATHETERIZATION/ *DIETARY FATS, adverse effects/ HEPARIN/ HUMAN/ *PLATELET ADHESIVENESS/ TIME FACTORS

3394. **Hornstra G, Chait A, Karvonen MJ, et al:** Influence of dietary fat on platelet function in men.
Lancet 1:1155-7, 26 May 73
BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS, physiology/ DIET/ *DIETARY FATS/ ERYTHROCYTE COUNT/ FATS, UNSATURATED, metabolism/ HUMAN/ LINOLEIC ACID, metabolism/ MALE/ METHODS/ MICROSCOPY, ELECTRON/ PLATELET ADHESIVENESS/ PRESSURE

3395. **Hornstra G, Lewis B, Chait A, et al:** Influence of dietary fat on platelet function in men.
Lancet 813:1155-7, 23 May 73
BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS, physiology/ DIET/ *DIETARY FATS/ ERYTHROCYTE COUNT/ FATS, UNSATURATED, metabolism/ HUMAN/ LINOLEIC ACID, metabolism/ MALE/ METHODS/ MICROSCOPY, ELECTRON/ PLATELET ADHESIVENESS/ PRESSURE

3396. **Hornstra G, Vendelmans-Starrenburg A:** Induction of experimental arterial occlusive thrombi in rats.
Atherosclerosis 17:369-82, May-Jun 73
ANIMAL EXPERIMENTS/ AORTA, ABDOMINAL, injuries/ AORTA, ABDOMINAL, pathology/ AORTA, ABDOMINAL, surgery/ BLOOD CELL COUNT/ BODY TEMPERATURE/ DISEASE MODELS, ANIMAL/ ERYTHROCYTE AGGREGATION, INTRAVASCULAR/ FIBRIN, physiology/ FIBRINOLYTIC AGENTS, pharmacodynamics/ HELIANTHUS/ MALE/ METHODS/ MICROSCOPY, ELECTRON, SCANNING/ OILS, pharmacodynamics/ PLATELET ADHESIVENESS/ PROSTAGLANDINS, pharmacodynamics/ RATS/ SEEDS/ *THROMBOSIS, etiology/ THROMBOSIS, pathology/ TIME FACTORS

3397. **Horowitz DL, Moquin RB, Herman CM:** Coagulation changes of septic shock in the sub-human primate and their relationship to hemodynamic changes.
Ann Surg 175:417-23, Mar 72
ANIMAL EXPERIMENTS/ BABOONS/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD PLATELETS/ BLOOD PRESSURE/ CARDIAC OUTPUT/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *ESCHERICHIA COLI INFECTIONS, complications/ FIBRINOLYSIS/ HEMATOCRIT/ HYDROGEN-ION CONCENTRATION/ MALE/ OXYGEN, blood/ PROTHROMBIN TIME/ *SEPTICEMIA, complications/ *SHOCK, ENDOTOXIC, complications/ SHOCK, ENDOTOXIC, etiology/ THROMBOPLASTIN/ VASCULAR RESISTANCE

3398. **Horpácsy G, Barankay T, Nagy S, et al:** Beeinflussung des Plasmaenzymniveaus im experimenteellen hämorrhagischen Schock durch Trasylol.
Med Welt 24:459-61, 23 Mar 73 (Ger)
ACID PHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ CYTOPLASM, enzymology/ DOGS/ FEMALE/ GLUCURONIDASE, blood/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ LACTATE DEHYDROGENASE, blood/ LEUCINE AMINOPEPTIDASE, blood/ LYSOSOMES, enzymology/ MALE/ *SHOCK, HEMORRHAGIC, enzymology

3399. **Hors J, Preud'Homme JL, Touize-Zapateria MT, et al:** A simplified method for freezing lymphocytes in nitrogen vapors. Transplantation 15:417-9, Apr 73
*BLOOD PRESERVATION/ CELLS, CULTURED, drug effects/ *FREEZING/ HUMAN/ *LYMPHOCYTES/ *NITROGEN/ NITROGEN, pharmacodynamics

3400. **Horst A:** Human genetics in Poland.
Hum Biol 45:5-21, Feb 73 (151 ref.)
ABO FACTORS/ ADOLESCENCE/ ADULT/ AMINO ACID METABOLISM, INBORN ERRORS, familial & genetic/ BLOOD COAGULATION DISORDERS, familial & genetic/ CHILD/ CHROMOSOME ABERRATIONS/ CHROMOSOMES, HUMAN, 13-15/ CHROMOSOMES, HUMAN, 21-22/ FEMALE/ GENE FREQUENCY/ *GENETICS, HUMAN/ GENETICS, POPULATION/ GLUCOSEPHOSPHATE DEHY- DROGENASE DEFICIENCY, familial & genetic/ HEMOGLOBINOPATHIES, familial & genetic/ HEREDITARY DISEASES, familial & genetic/ HUMAN/ INFANT, NEWBORN/ KARYOTYPING/ LIPID METABOLISM, INBORN ERRORS, familial & genetic/ MALE/ MONGOLISM, familial & genetic/ MOSAICISM/ PHENOTYPE/ POLAND/ PORPHYRIA, familial & genetic/ REVIEW/ RH FACTORS/ SEX CHROMATIN/ SEX DIFFERENTIATION DISORDERS, familial & genetic/ TRISOMY

3401. **Horst A, Paluszak J, Zawilska K, et al:** Three variants of postheparin lipiprotein lipase activity in idiopathic hyperlipoproteinemia.
Bull Acad Pol Sci [Biol] 21:199-202, 1973
ENZYME ACTIVATION, drug effects/ FEMALE/ *HEPARIN, pharmacodynamics/ HUMAN/ *HYPERLIPEMIA, enzymology/ *LIPOPROTEIN LIPASE, blood/ MALE

3402. **Horton EW:** The prostaglandins.
Proc R Soc Lond [Biol] 182:411-26, 5 Dec 72 (70 ref.)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ ARACHIDONIC ACID, metabolism/ BLOOD PLATELETS, drug effects/ BLOOD PRESSURE, drug effects/ CATS/ CATTLE/ CORPUS LUTEUM, drug effects/ FEMALE/ GUINEA PIGS/ HUMAN/ LUNG, metabolism/ MALE/ MICROSOMES,

enzymology/ MONKEYS/ MUSCLE, SMOOTH, drug effects/ NEURAL TRANSMISSION, drug effects/ *PROSTAGLANDINS/ PROSTAGLANDINS, biosynthesis/ PROSTAGLANDINS, blood/ PROSTAGLANDINS, isolation & purification/ PROSTAGLANDINS, metabolism/ PROSTAGLANDINS, pharmacodynamics/ PROSTAGLANDINS, physiology/ RABBITS/ REVIEW

3403. **Horváth A:** Uber eine schonende Einbettung von kleinsten Gewebsteilen und Zellsedimenten in Fibringerinnsel.
Zentralbl Allg Pathol 116:339-40, 1972 (Ger)
BIOPSY/ *FIBRIN/ *HISTOLOGICAL TECHNICS/ METHODS/ STAINS AND STAINING

3404. **Horvath C, Solomon BA:** Open tubular heterogeneous enzyme reactors: preparation and kinetic behavior.
Biotechnol Bioeng 14:885-914, Nov 72
ANILIDES, metabolism/ ARGININE, metabolism/ BENZOATES, metabolism/ *BIOCHEMISTRY, instrumentation/ CELLULOSE/ DIFFUSION/ *ENZYMES, metabolism/ GELS/ HYDROLYSIS/ KINETICS/ NITRO COMPOUNDS, metabolism/ NYLON/ POLYTETRAFLUOROETHYLENE/ PROTEIN BINDING/ SILICA/ TRYPSIN, metabolism/ URATE OXIDASE, metabolism

3405. **Horvath C, Sovak M:** Membrane coarctation by calcium as a regulator for bound enzymes.
Biochim Biophys Acta 298:850-60, 16 Apr 73
BINDING SITES/ *CALCIUM/ CALCIUM ISOTOPES/ *CHYMOTRYPSIN/ GLASS/ HYDROGEN-ION CONCENTRATION/ ION EXCHANGE RESINS/ KINETICS/ MALEATES/ *MEMBRANES, ARTIFICIAL/ METHYL ETHER/ POLYVINYLS/ PROTEIN BINDING/ TEMPERATURE/ *TRYPSIN/ WATER

3406. **Horwitz DL, Ballantine TV, Coran AG, et al:** Heparin treatment of live Escherichia coli bacteremia in rats.
J Surg Res 13:120-5, Sep 72
ANIMAL EXPERIMENTS/ DISEASE MODELS, ANIMAL/ ESCHERICHIA COLI INFECTIONS/ *ESCHERICHIA COLI INFECTIONS, drug therapy/ ESCHERICHIA COLI INFECTIONS, mortality/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ MALE/ RATS/ *SEPTICEMIA, drug therapy/ SEPTICEMIA, etiology/ SEPTICEMIA, mortality/ TIME FACTORS

3407. **Hoshiko T, Parsons RH:** Isolation of large sheets of frog skin epidermis. Experientia 28:795-6, 15 Jul 72
ANIMAL EXPERIMENTS/ ELECTROPHYSIOLOGY/ EPITHELIUM/ FROGS/ HYDROLYSIS/ METHODS/ *SKIN/ SKIN, physiology/ SULFATES/ *TRYPSIN, pharmacodynamics

3408. **Hotz J, Minne H, Ziegler R:** The influences of acute hyper- and hypocalcemia and of calcitonin on exocrine pancreatic function in man.
Res Exp Med (Berl) 160:152-65, 1973
ACUTE DISEASE/ ADULT/ AMYLASE, secretion/ BICARBONATES, secretion/ CHOLECYSTOKININ/ FEMALE/ HUMAN/ *HYPERCALCEMIA, physiopathology/ *HYPOCALCEMIA, physiopathology/ MALE/ MIDDLE AGE/ PANCREAS, drug effects/ *PANCREAS, physiopathology/ PANCREAS, secretion/ PANCREOZYMIN/ SECRETIN/ *THYROCALCITONIN, pharmacodynamics/ TRYPSIN, secretion

3409. **Houck JC, Cheng RF:** Isolation, purification, and chemical characterization of the serum mitogen for diploid human fibroblasts.
J Cell Physiol 81:257-70, Apr 73
AMINO ACIDS, analysis/ *BLOOD PROTEINS, analysis/ BLOOD PROTEINS, isolation & purification/ CATTLE/ CELL LINE/ CULTURE MEDIA/ DIPLOIDY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBROBLASTS, drug effects/ FILTRATION/ *GLYCOPROTEINS, blood/ GLYCOPROTEINS, isolation & purification/ HUMAN/ IMMUNE SERUMS, analysis/ IMMUNE SERUMS, pharmacodynamics/ ISOELECTRIC FOCUSING/ LUNG, embryology/ *MITOGENS, blood/ MITOGENS, isolation & purification/ MITOSIS, drug effects/ MOLECULAR WEIGHT/ NEURAMINIDASE/ TRYPSIN

3410. **Hough DW, Stevenson GT:** The action of trypsin on human stored peripheral lymphocytes.
Immunology 24:333-42, Feb 73
BINDING SITES, ANTIBODY/ BLOOD PRESERVATION/ CELL MEMBRANE, immunology/ CELL SURVIVAL, drug effects/ CHROMIUM ISOTOPES/ HUMAN/ LYMPHOCYTE TRANSFORMATION, drug effects/ *LYMPHOCYTES, drug effects/ LYMPHOCYTES, metabolism/ MICROSCOPY, ELECTRON/ MITOSIS, drug effects/ PHYTOMITOGENS, pharmacodynamics/ PLANT AGGLUTININS, pharmacodynamics/ RABBITS, immunology/ REFRIGERATION/ STIMULATION, CHEMICAL/ THYMIDINE, metabolism/ TRITIUM/ TRYPAN BLUE, metabolism/ *TRYPSIN, pharmacodynamics

3411. **Hougie C:** Thromboembolism and oral contraceptives.
Am Heart J 85:538-45, Apr 73 (35 ref.)
BLOOD COAGULATION, drug effects/ BLOOD VESSELS, pathology/ *CONTRACEPTIVES, ORAL, adverse effects/ ESTROGENS, adverse effects/ FEMALE/ HUMAN/ PREGNANCY/ PROGESTATIONAL HORMONES, adverse effects/ PROSPECTIVE STUDIES/ RETROSPECTIVE STUDIES/ REVIEW/ *THROMBOEMBOLISM, chemically induced/ THROMBOEMBOLISM, occurrence/ THROMBOEMBOLISM, pathology

3412. **Hougie C:** Coagulation changes in healthy and sick pacific salmon. Adv Exp Med Biol 22:89-102, 1972
ANIMAL EXPERIMENTS/ BEHAVIOR, ANIMAL/ *BLOOD COAGULATION/ BLOOD COAGULATION DISORDERS, physiopathology/ BLOOD COAGULATION TESTS/ BRAIN/ CATTLE/ DOG DISEASES, therapy/ DOGS/ *FISH DISEASES, physiopathology/ FRESH WATER/ HUMAN/ HYPOPROCONVERTINEMIA, therapy/ HYPOPROCONVERTINEMIA, veterinary/ MARINE BIOLOGY/ PLASMA, drug effects/ PROTHROMBIN TIME/ REPRODUCTION/ *SALMON, physiology/ SEAWATER/ SEROTHERAPY/ SPECIES SPECIFICITY/ TEMPERATURE/ THROMBIN/ THROMBOPLASTIN/ TISSUE EXTRACTS

3413. **Hougie C, Sargeant R:** Antigen-biological-activity ratio for factor VIII. Lancet 1:616-7, 17 Mar 73
*ANTIGENS, analysis/ *FACTOR VIII, analysis/ HEMOPHILIA, diagnosis/ HUMAN/ PRECIPITATION/ VON WILLEBRAND'S DISEASE, diagnosis/ *VON WILLEBRAND'S DISEASE, immunology

3414. **Hougie C, Sargeant RB:** Antigen-biological-activity ratio for factor VIII. Lancet 1:1247-8, 2 Jun 73
*ANTIGENS/ *FACTOR VIII

3415. **Houmard J, Drapeau GR:** Staphylococcal protease: a proteolytic enzyme specific for glutamoyl bonds.
Proc Natl Acad Sci USA 69:3506-9, Dec 72
AMINO ACID SEQUENCE/ *AMINO ACIDS, metabolism/ AMMONIUM COMPOUNDS/ ASPARTIC ACID, metabolism/ BUFFERS/ GLUTAMATES, metabolism/ HYDROGEN-ION CONCENTRATION/ INSULIN, metabolism/ MURAMIDASE, metabolism/ MYOGLOBIN, metabolism/ *PEPTIDE HYDROLASES, metabolism/ RIBONUCLEASE, metabolism/ *STAPHYLOCOCCUS, enzymology/ TRYPTOPHAN SYNTHETASE, metabolism

3416. **House JH:** Recurrent hemangioma of the hand.
Minn Med 56:367-8, May 73
ADOLESCENCE/ *ARTERIOVENOUS FISTULA, etiology/ FEMALE/ *FINGERS, blood supply/ *HEMANGIOMA, complications/ HEMANGIOMA, congenital/ HUMAN/

POSTOPERATIVE COMPLICATIONS/ RECURRENCE

3417. **Houšťek J, Copová M, Tomášová H:** Naše zkušenosti se stanovením alfa 1-antitrypsinu u dětí s respiračním onemocněním.
Cesk Pediatr 27:579-81, Dec 72 (Cze)
BRONCHIECTASIS, enzymology/ CHILD/ ENGLISH ABSTRACT/ HETEROZYGOTE/ HUMAN/ *LUNG DISEASES, OBSTRUCTIVE, enzymology/ MALE/ PULMONARY EMPHYSEMA, enzymology/ *TRYPSIN INHIBITORS, blood

3418. **Houston LL:** Purification and properties of a mutant bifunctional enzyme from the HisB gene of Salmonella typhimurium. J Biol Chem 248:4144-9, 25 Jun 73
AMINO ALCOHOLS/ CHROMATOGRAPHY/ CHROMATOGRAPHY, ION EXCHANGE/ DRUG STABILITY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ *GENES/ GENETIC CODE/ GLYCEROPHOSPHATES/ *HISTIDINE/ HYDROGEN-ION CONCENTRATION/ *HYDRO-LYASES, isolation & purification/ IMIDAZOLES/ KINETICS/ MACROMOLECULAR SYSTEMS/ MANGANESE/ MOLECULAR WEIGHT/ MUTATION/ PHOSPHATASES, antagonists & inhibitors/ *PHOSPHATASES, isolation & purification/ *SALMONELLA TYPHIMURIUM, enzymology/ SODIUM DODECYL SULFATE/ SUBTILISINS/ TRYPSIN

3419. **Hovinga J:** Behandeling van alveolitis.
Ned Tijdschr Tandheelkd 79:451-2, Dec 72 (Dut)
*ANTIFIBRINOLYTIC AGENTS, therapeutic use/ *ASPIRIN, therapeutic use/ *DRY SOCKET, drug therapy/ ENGLISH ABSTRACT/ HUMAN

3420. **Howard AN, Blaton V, Vandamme D, et al:** Lipid changes in the plasma lipoproteins of baboons given an atherogenic diet. 3. A comparison between lipid changes in the plasma of the baboon and chimpanzee given atherogenic diets and those in human plasma lipoproteins of type II hyperlipoproteinaemia.
Atherosclerosis 16:257-72, Sep-Oct 72
ANIMAL EXPERIMENTS/ ARACHIDONIC ACID, blood/ BABOONS/ CHIMPANZEES/ CHOLESTEROL, blood/ CHOLESTEROL, DIETARY/ CHROMATOGRAPHY, PAPER/ DIET, ATHEROGENIC/ DISEASE MODELS, ANIMAL/ EGG YOLK/ FATTY ACIDS, blood/ HUMAN/ *HYPERLIPEMIA, blood/ LECITHINS, analysis/ LINOLEIC ACID, analysis/ *LIPIDS, blood/ LIPOPROTEINS, analysis/ *LIPOPROTEINS, blood/ LIPOPROTEINS, HDL, blood/ LIPOPROTEINS, LDL, blood/ LIPOPROTEINS, VLDL, blood/ MALE/ MONKEYS/ OLEIC ACID, analysis/ PHOSPHOLIPIDS, blood/ SPHINGOMYELINS, analysis

3421. **Howard AN, Pateiski J:** Effect of intravenous polyunsaturated phosphatidyl choline in experimental atherosclerosis.
Verh Dtsch Ges Inn Med 78:1245-8, 1972
ANIMAL EXPERIMENTS/ *ARTERIOSCLEROSIS, drug therapy/ ARTERIOSCLEROSIS, enzymology/ BABOONS/ DIET, ATHEROGENIC/ HYPERCHOLESTEREMIA, drug therapy/ *LECITHINS, therapeutic use/ MONKEYS/ RABBITS

3422. **Howard D, Whitehurst VE, Bingham R, et al:** The use of bucrylate to achieve hemostasis in tooth extraction sites. Oral Surg 35:762-5, Jun 73
ADOLESCENCE/ ADULT/ AGED/ CHILD/ *CYANOACRYLATES/ DRY SOCKET, prevention & control/ EVALUATION STUDIES/ *HEMORRHAGE, ORAL, prevention & control/ *HEMOSTATICS/ HUMAN/ MIDDLE AGE/ *TOOTH EXTRACTION/ WOUND HEALING

3423. **Howard HF:** Peripheral clinical laboratory service for the Border and Transkei.
S Afr Med J 47:308-9, 24 Feb 73
AFIBRINOGENEMIA, occurrence/ AMEBIASIS, occurrence/ BALANTIDIASIS, occurrence/ CANTHARIDES, poisoning/ CHILD/ CHLOROQUINE, adverse effects/ *DIAGNOSIS, LABORATORY/ FEMALE/ HEMATOLOGIC DISEASES, occurrence/ HOOKWORM INFECTIONS, occurrence/ HUMAN/ MALE/ NEGROES/ PORPHYRIA, occurrence/ PREGNANCY/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, occurrence/ SOUTH AFRICA

3424. **Howard L, Tipper DJ:** A polypeptide bacteriophage receptor: modified cell wall protein subunits in bacteriophage-resistant mutants of Bacillus sphaericus strain P-1. J Bacteriol 113:1491-504, Mar 73
ADSORPTION/ AMINO ACIDS, analysis/ *BACILLUS, analysis/ BACILLUS, classification/ BACILLUS, cytology/ BACILLUS, enzymology/ *BACTERIAL PROTEINS, analysis/ BACTERIOPHAGE/ BINDING SITES/ CARBON ISOTOPES/ *CELL WALL, analysis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ MICROSCOPY, ELECTRON/ MOLECULAR WEIGHT/ *MUTATION/ PEPTIDE HYDROLASES, metabolism/ PEPTIDES, analysis/ PEPTIDOGLYCAN, analysis/ SODIUM DODECYL SULFATE/ SOLVENTS/ STAINS AND STAINING/ UREA/ VIRAL PROTEINS, analysis/ VIRAL PROTEINS, isolation & purification

3425. **Howard MA, Hutton RA, Hardisty RM:** Hereditary giant platelet syndrome: a disorder of a new aspect of platelet function. Br Med J 2:586-8, 9 Jun 73
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADOLESCENCE/ *BLOOD PLATELET DISORDERS, familial & genetic/ CHILD/ COLLAGEN, pharmacodynamics/ FEMALE/ FIBRINOGEN, pharmacodynamics/ HEMORRHAGE/ HUMAN/ PLASMA/ PLATELET ADHESIVENESS, drug effects/ PROTHROMBIN, metabolism/ *PURPURA, THROMBOPENIC, familial & genetic/ RISTOCETIN, pharmacodynamics/ SYNDROME/ THROMBIN, pharmacodynamics/ VON WILLEBRAND'S DISEASE, metabolism

3426. **Howard MA, Sawers RJ, Firkin BG:** Ristocetin: a means of differentiating von Willebrand's disease into two groups. Blood 41:687-90, May 73
ADENOSINE DIPHOSPHATE, diagnostic use/ BLOOD PLATELETS, drug effects/ FACTOR VIII, diagnostic use/ HUMAN/ PLATELET ADHESIVENESS, drug effects/ *RISTOCETIN, diagnostic use/ *VON WILLEBRAND'S DISEASE, diagnosis

3427. **Howard WA, Collins WE:** Heparin therapy in simian Plasmodium knowlesi malaria. Lancet 2:738-9, 7 Oct 72
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ DISEASE MODELS, ANIMAL/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ HEMORRHAGE, chemically induced/ HEPARIN, administration & dosage/ HEPARIN, adverse effects/ *HEPARIN, therapeutic use/ INJECTIONS, INTRAVENOUS/ MACACA/ *MALARIA, drug therapy/ MONKEYS/ *PLASMODIUM/ TIME FACTORS

3428. **Howarth B Jr, Digby ST:** Evidence for the penetration of the vitelline membrane of the hen's ovum by a trypsin-like acrosomal enzyme.
J Reprod Fertil 33:123-5, Apr 73
ANIMAL EXPERIMENTS/ CHICKENS/ FEMALE/ FERTILIZATION/ *LYSOSOMES, enzymology/ MALE/ OVUM/ *SPERMATOZOA, enzymology/ *TRYPSIN/ TRYPSIN INHIBITORS/ *VITELLINE MEMBRANE

3429. **Howarth HC, Valeri CR:** Autotransfusion of frozen red blood cells in elective oral surgery.
J Oral Surg 31:40-3, Jan 73
BLOOD PRESERVATION/ *BLOOD TRANSFUSION, AUTOLOGOUS/ ERYTHROCYTES/ FREEZING/ HUMAN/ *SURGERY, ORAL

3430. **Howell MJ:** Localization of proteolytic activity in Fasciola hepatica. J Parasitol 59:454-6, Jun 73
ACETONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *FASCIOLA HEPATICA, enzymology/ FORMALDEHYDE, pharmacodynamics/ GELATIN, metabolism/ HEAT/ HISTOCYTOCHEMISTRY/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism

3431. **Howell RM, Dupe RJ:** Observations on factor X activity after adsorption to barium sulphate.
Thromb Diath Haemorrh 28:306-16, 31 Oct 72
ADSORPTION/ ANIMAL EXPERIMENTS/ *BARIUM SULFATE/ BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ CRYSTALLOGRAPHY/ ESTERASES/ *FACTOR X/ SPECIFIC GRAVITY/ SURFACE PROPERTIES/ SWINE

3432. **Howes EL Jr, McKay DG:** Ocular changes in the generalized Shwartzman reaction.
Arch Ophthalmol 90:218-24, Sep 73
ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ BLOOD PRESSURE/ CAPILLARY PERMEABILITY, drug effects/ CHOROID, blood supply/ ENDOTOXINS/ ESCHERICHIA COLI/ EYE, blood supply/ *EYE, pathology/ EYE MANIFESTATIONS/ FEMALE/ HEPARIN, pharmacodynamics/ IRIS, blood supply/ IRIS, pathology/ KIDNEY, pathology/ KIDNEY CORTEX NECROSIS, pathology/ KIDNEY GLOMERULUS, pathology/ MALE/ MICROSCOPY, ELECTRON/ RABBITS/ RETINAL VESSELS, pathology/ SERUM ALBUMIN, RADIO-IODINATED/ *SHWARTZMAN PHENOMENON, pathology/ TIME FACTORS

3433. **Howes EL Jr, McKay DG, Margaretten W:** The participation of the platelet in the vascular response to endotoxemia in the rabbit eye.
Am J Pathol 70:25-44, Jan 73
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, immunology/ CAPILLARY PERMEABILITY, drug effects/ CILIARY BODY, pathology/ ENDOTOXINS, administration & dosage/ *ENDOTOXINS, pharmacodynamics/ ESCHERICHIA COLI/ EYE, blood supply/ *EYE, immunology/ EYE, pathology/ GOATS, immunology/ IMMUNE SERUMS, pharmacodynamics/ INJECTIONS, INTRAVENOUS/ IRIS, pathology/ LEUKOCYTE COUNT/ LEUKOCYTES, immunology/ MICROSCOPY, ELECTRON/ RABBITS/ SERUM ALBUMIN, RADIO-IODINATED/ THROMBOPENIA, immunology/ TIME FACTORS

3434. **Howie PW, Calder AA, Forbes CD, et al:** Effect of intravenous prostaglandin E 2 on platelet function, coagulation, and fibrinolysis.
J Clin Pathol 26:355-8, May 73
ABORTION, INDUCED/ ADOLESCENCE/ ADULT/ ANTITHROMBIN/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS, drug effects/ COLLAGEN/ FEMALE/ *FIBRINOLYSIS, drug effects/ HUMAN/ INJECTIONS, INTRAVENOUS/ PLATELET ADHESIVENESS, drug effects/ PREGNANCY/ PROSTAGLANDINS, administration & dosage/ *PROSTAGLANDINS, pharmacodynamics/ PROSTAGLANDINS, therapeutic use/ SERUM GLOBULINS/ THROMBOPLASTIN/ THROMBOSIS, prevention & control

3435. **Howie PW, Prentice CR:** Antithrombin 3 and oestrogen content of oral contraceptives.
Lancet 1:1455, 23 Jun 73
*ANTITHROMBIN/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ DEPRESSION, CHEMICAL/ ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ HUMAN/ PLASMA, analysis

3436. **Howlett GJ, Jeffrey PD:** Theoretical behavior of interacting protein systems in density gradients at sedimentation equilibrium.
J Phys Chem 77:1250-8, 10 May 73
ANALYSIS OF VARIANCE/ CENTRIFUGATION, DENSITY GRADIENT/ CESIUM/ CHEMISTRY/ CHYMOTRYPSIN/ HEMOCYANIN/ MATHEMATICS/ MOLECULAR WEIGHT/ POLYMERS/ PRESSURE/ *PROTEINS/ THERMODYNAMICS

3437. **Hoyer LW:** Specificity of precipitating antibodies in immunological identification of antihaemophilic factor. Nature [New Biol] 245:49-51, 12 Sep 73
*ANTIBODY SPECIFICITY/ ANTIGEN-ANTIBODY REACTIONS/ *FACTOR VIII, analysis/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNIZATION/ METHODS/ *PRECIPITIN TESTS/ RABBITS, immunology

3438. **Hoyer LW:** Immunologic studies of antihemophilic factor (AHF, factor VIII). IV. Radioimmunoassay of AHF antigen. J Lab Clin Med 80:822-33, Dec 72
ANTIGEN-ANTIBODY COMPLEX/ *ANTIGENS/ CHROMATOGRAPHY/ CROSS REACTIONS/ *FACTOR VIII, isolation & purification/ GEL FILTRATION/ IGG/ IODINE ISOTOPES/ METHODS/ *RADIOIMMUNOASSAY

3439. **Höyeraal HM:** Impaired delayed hypersensitivity in juvenile rheumatoid arthritis.
Ann Rheum Dis 32:331-6, Jul 73
ADOLESCENCE/ AGE FACTORS/ ANTIGENS/ ANTIGENS, BACTERIAL/ ANTIGENS, FUNGAL/ ANTIGENS, VIRAL/ *ARTHRITIS, JUVENILE RHEUMATOID, immunology/ BRUCELLA ABORTUS, immunology/ CANDIDA ALBICANS, immunology/ CHILD/ CHILD, PRESCHOOL/ ERYTHEMA, immunology/ FEMALE/ HUMAN/ *HYPERSENSITIVITY, DELAYED/ *IMMUNOLOGIC DEFICIENCY SYNDROMES/ INFLAMMATION/ LYMPHOCYTES, immunology/ MACROPHAGES, immunology/ MALE/ MUMPS, immunology/ SEX FACTORS/ SKIN TESTS/ STATISTICS/ *STREPTODORNASE AND STREPTOKINASE

3440. **Hraško L, Hrubišková K:** Trombocytopénie v gravidite a za pôrodu. Cesk Gynekol 38:345-6, Jun 73 (Slo)
ADULT/ FEMALE/ HUMAN/ *LABOR COMPLICATIONS/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ *THROMBOPENIA, etiology

3441. **Hrodek O:** Fibrinolýza, fibrinogen a stabilita fibrinu v novorozeneckém věku.
Cesk Pediatr 28:54-7, Feb 73 (Cze)
ANTITHROMBIN, analysis/ ENGLISH ABSTRACT/ *FIBRIN, analysis/ *FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HUMAN/ *INFANT, NEWBORN

3442. **Hromadko M, Stulhofer M, Turčić Z:** Tehnika hemostaze prostatične lože nakon prostatektomije.
Lijec Vjesn 95:204-6, Apr 73 (Cro)
ENGLISH ABSTRACT/ HEMORRHAGE, prevention & control/ HEMOSTASIS/ HUMAN/ MALE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *PROSTATECTOMY/ PROSTATIC HYPERTROPHY, surgery/ SUTURE TECHNICS

3443. **Hrycay EG, O'Brien PJ:** Microsomal electron transport. I. Reduced nicotinamide adenine dinucleotide phosphate-cytochrome c reductase and cytochrome P-450 as electron carriers in microsomal NADPH-peroxidase activity.
Arch Biochem Biophys 157:7-22, Jul 73
ADRENAL GLANDS, cytology/ ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ CATTLE/ CYANIDES, pharmacodynamics/ CYTOCHROME C/ *CYTOCHROME P-450, metabolism/ CYTOCHROME REDUCTASES, metabolism/ ELECTRON TRANSPORT/ HYDROGEN-ION CONCENTRATION/ IMMUNE SERUMS/ KINETICS/ MALE/ MICROSOMES, drug effects/ *MICROSOMES, enzymology/ *MICROSOMES, LIVER, enzymology/ NAD/

NADP/ ORGAN SPECIFICITY/ OSMOLAR CONCENTRATION/ *OXIDOREDUCTASES, metabolism/ PEROXIDASES, antagonists & inhibitors/ *PEROXIDASES, metabolism/ PEROXIDES, metabolism/ PHENOBARBITAL, pharmacodynamics/ RABBITS, immunology/ RATS/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ STEROIDS, metabolism/ STEROIDS, pharmacodynamics/ TRYPSIN, pharmacodynamics

3444. **Hsia JC, Kosman DJ, Piette LH:** ESR probing of macromolecules: spin-labeling of the active sites of the proteolytic serine enzymes.
Arch Biochem Biophys 149:441-51, Apr 72
BINDING SITES/ BLOOD/ CATTLE/ CHOLINESTERASE, analysis/ CHYMOTRYPSIN, analysis/ ELECTRON SPIN RESONANCE/ ERYTHROCYTES, enzymology/ *ESTERASES, analysis/ FLUORIDES/ HORSES/ HYDROGEN-ION CONCENTRATION/ KINETICS/ PANCREATOPEPTIDASE, analysis/ *PEPTIDE HYDROLASES, analysis/ PHOSPHONIC ACIDS/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SERINE/ SUBTILISINS, analysis/ THROMBIN, analysis/ TRYPSIN, antagonists & inhibitors

3445. **Huaman A, Nice W, Merkel RL, et al:** Amniotic fat embolism. New laboratory diagnosis and a case presentation. J Kans Med Soc 73:441-3, Oct 72
ADULT/ EMBOLISM, AMNIOTIC FLUID, complications/ *EMBOLISM, AMNIOTIC FLUID, diagnosis/ *EMBOLISM, FAT, diagnosis/ EMBOLISM, FAT, etiology/ FEMALE/ HUMAN/ METHODS/ PREGNANCY

3446. **Huang CR, King RG, Copley AL:** Rheogoniometric studies of whole human blood at shear rates down to 0.0009 sec-1. II. Mathematical interpretation.
Biorheology 10:23-8, Mar 73
*BLOOD, physiology/ BLOOD FLOW VELOCITY/ BLOOD VISCOSITY/ CELL AGGREGATION/ ERYTHROCYTES, physiology/ HUMAN/ MATHEMATICS/ MODELS, BIOLOGICAL/ RHEOLOGY

3447. **Huang JC, Starr MP:** Possible enzymatic base of bacteriolysis by bdellovibrios.
Arch Mikrobiol 89:147-67, 5 Feb 73
*BACTERIA, enzymology/ *BACTERIOLYSIS/ CARBOXYPEPTIDASES, biosynthesis/ CASEIN/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ COLLAGEN/ GEL FILTRATION/ LIPASE, biosynthesis/ MICROCOCCUS/ MOLECULAR WEIGHT/ MURAMIDASE, biosynthesis/ MUTATION/ NITROSOGUANIDINES/ PEPTIDE HYDROLASES, biosynthesis/ PEPTIDOGLYCAN/ SPIRILLUM

3448. **Huang JS, Liu SS, Ling KH, et al:** Iodination of cobrotoxin. Toxicon 11:39-45, Jan 73
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ ANTIVENINS/ CHEMISTRY/ ELECTROPHORESIS/ GEL DIFFUSION TESTS/ HYDROLYSIS/ *IODINE/ IODINE, toxicity/ IODINE ISOTOPES/ METHYLATION/ PEPTIDES/ PRECIPITIN TESTS/ *SNAKES/ TOXINS, analysis/ TOXINS, toxicity/ TRYPSIN/ TYROSINE/ *VENOMS

3449. **Huang JW, Kaplan S:** Membrane proteins of Rhodopseudomonas spheroides. IV. Characterization of chromatophore proteins.
Biochim Biophys Acta 307:317-31, 11 May 73
AEROBIOSIS/ AMINO ACIDS, analysis/ ANAEROBIOSIS/ ANTIGEN-ANTIBODY REACTIONS/ *BACTERIAL PROTEINS, analysis/ BACTERIAL PROTEINS, biosynthesis/ CARBON ISOTOPES/ *CELL MEMBRANE, analysis/ CHROMATOGRAPHY, PAPER/ *CHROMATOPHORES, analysis/ CHYMOTRYPSIN/ ELECTROPHORESIS, PAPER/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL DIFFUSION TESTS/ IMMUNE SERUMS/ MOLECULAR WEIGHT/ PEPTIDES, analysis/ PROTEIN HYDROLYSATES/ RABBITS, immunology/ *RHODOPSEUDOMONAS, analysis/ RHODOPSEUDOMONAS SPHEROIDES, analysis/ RHODOPSEUDOMONAS SPHEROIDES, cytology/ SOLUBILITY/ TRITIUM/ TRYPSIN

3450. **Huang JW, Kaplan S:** Membrane proteins of Rhodopseudomonas spheroides. V. Additional chemical characterization of a pigment-lipid-associated protein isolated from chromatophores.
Biochim Biophys Acta 307:332-42, 11 May 73
AMINO ACIDS, analysis/ *BACTERIAL PROTEINS, analysis/ CARBOXYPEPTIDASES, metabolism/ *CELL MEMBRANE, analysis/ CHROMATOGRAPHY, PAPER/ *CHROMATOPHORES, analysis/ CYANOGEN BROMIDE/ ELECTROPHORESIS, PAPER/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ KINETICS/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ OLIGOPEPTIDES, analysis/ *PHOSPHOLIPIDS, analysis/ PROTEIN HYDROLYSATES/ *RHODOPSEUDOMONAS, analysis/ RHODOPSEUDOMONAS SPHEROIDES, analysis/ SOLUBILITY/ SPECTROPHOTOMETRY/ TIME FACTORS/ TRITIUM/ TRYPSIN

3451. **Huang JW, Kaplan S:** Membrane proteins of Rhodopseudomonas spheroides. 3. Isolation, purification, and characterization of cell envelope proteins. Biochim Biophys Acta 307:301-16, 11 May 73
AEROBIOSIS/ AMINO ACIDS, analysis/ ANAEROBIOSIS/ BACTERIAL INFECTIONS, analysis/ BACTERIAL PROTEINS, analysis/ *BACTERIAL PROTEINS, isolation & purification/ *CELL MEMBRANE, analysis/ CHLOROPHYLL, analysis/ CHROMATOGRAPHY, THIN LAYER/ ELECTROPHORESIS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HEXOSAMINES, analysis/ MICROSCOPY, ELECTRON/ MOLECULAR WEIGHT/ PEPTIDES, analysis/ PHOSPHOLIPIDS, analysis/ PHOSPHORUS ISOTOPES/ PROTEIN BINDING/ PROTEIN HYDROLYSATES/ *RHODOPSEUDOMONAS, analysis/ RHODOPSEUDOMONAS SPHEROIDES, analysis/ RHODOPSEUDOMONAS SPHEROIDES, cytology/ RNA, BACTERIAL, analysis/ SODIUM DODECYL SULFATE/ TRYPSIN

3452. **Huang KY, Donahoe RM, Gordon FB, et al:** Enhancement of phagocytosis by interferon-containing preparations.
Infect Immun 4:581-8, Nov 71
ANIMAL EXPERIMENTS/ CELLS, CULTURED/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG STABILITY/ FEMALE/ HEAT/ HUMAN/ INTERFERON, administration & dosage/ INTERFERON, antagonists & inhibitors/ INTERFERON, isolation & purification/ *INTERFERON, pharmacodynamics/ KINETICS/ MACROPHAGES, drug effects/ MICE/ MICE, INBRED STRAINS/ NEWCASTLE DISEASE VIRUS, immunology/ *PHAGOCYTES, drug effects/ *PHAGOCYTOSIS, drug effects/ TIME FACTORS/ TRYPSIN, pharmacodynamics/ VESICULAR STOMATITIS VIRUS, immunology

3453. **Huang YZ, Snell EE:** D-Serine dehydratase from Escherichia coli. IV. Comparative sequences of pyridoxylpeptides derived from the active site and from an inhibitory site of the enzyme.
J Biol Chem 247:7358-64, 25 Nov 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BINDING SITES/ BOROHYDRIDES/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ ELECTROPHORESIS, PAPER/ *ESCHERICHIA COLI, enzymology/ FLUORESCENCE/ OSMOLAR CONCENTRATION/ *PEPTIDES, analysis/ PROTEIN BINDING/ PYRIDOXAL/ *PYRIDOXAL PHOSPHATE, analysis/ *SERINE DEHYDRATASE, analysis

3454. **Hubbard AL, Cohn ZA:** The enzymatic iodination of the

red cell membrane. J Cell Biol 55:390-405, Nov 72
CELL MEMBRANE, analysis/ *CELL MEMBRANE, metabolism/ CHROMATOGRAPHY, THIN LAYER/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ERYTHROCYTES, cytology/ *ERYTHROCYTES, metabolism/ GEL FILTRATION/ HUMAN/ HYDROGEN PEROXIDE/ *IODIDES, metabolism/ IODINE ISOTOPES/ METHODS/ MOLECULAR WEIGHT/ NEURAMINIDASE/ PEPTIDE HYDROLASES/ PEROXIDASES/ PRONASE/ TRYPSIN/ TYROSINE, analysis

3455. **Huber A:** Angiography and differential diagnosis of orbital tumours.
Trans Ophthalmol Soc UK 92:35-50, 1972
ANGIOGRAPHY/ ARTERIOVENOUS FISTULA, diagnosis/ BRAIN NEOPLASMS/ CARCINOMA, diagnosis/ CEREBRAL ANEURYSM, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ EYE DISEASES/ HEMANGIOMA, diagnosis/ HUMAN/ LYMPHANGIOMA, diagnosis/ MESENCEPHALON/ METHODS/ NEVUS/ OPHTHALMIC ARTERY/ OPTIC NERVE/ ORBIT, blood supply/ *ORBITAL NEOPLASMS, diagnosis/ PHLEBOGRAPHY/ RETINAL VESSELS/ SKIN NEOPLASMS/ SYNDROME/ THALAMUS

3456. **Huber A:** Roentgen diagnosis vs visual field.
Arch Ophthalmol 90:1-12, Jul 73
ADENOMA, radiography/ ANEURYSM, radiography/ ANGIOGRAPHY/ ARTERIAL OCCLUSIVE DISEASES, radiography/ CEREBRAL ANEURYSM, radiography/ CEREBROVASCULAR DISORDERS, radiography/ CRANIOPHARYNGIOMA, radiography/ DIAGNOSIS, DIFFERENTIAL/ GLIOMA, radiography/ HEAD INJURIES, radiography/ HEMANGIOMA, radiography/ HEMIANOPSIA, etiology/ *HEMIANOPSIA, radiography/ HUMAN/ MENINGIOMA, radiography/ NEURILEMMOMA, radiography/ OPHTHALMIC ARTERY, radiography/ OPTIC CHIASM, radiography/ OPTIC NERVE/ OPTIC NERVE, radiography/ ORBIT, radiography/ ORBITAL NEOPLASMS, radiography/ PERIPHERAL NERVE NEOPLASMS, radiography/ *VISUAL FIELDS

3457. **Huber AL, Hunt WB Jr:** Pulmonary emphysema and alpha-1 antitrypsin deficiency.
Va Med Mon 99:1067-72, Oct 72
BLOOD PROTEIN ELECTROPHORESIS/ DEFICIENCY DISEASES, blood/ DEFICIENCY DISEASES, diagnosis/ DEFICIENCY DISEASES, familial & genetic/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PULMONARY EMPHYSEMA, blood/ PULMONARY EMPHYSEMA, diagnosis/ *PULMONARY EMPHYSEMA, familial & genetic/ SYNDROME/ *TRYPSIN INHIBITORS, blood

3458. **Huber B, Kayser FH:** Staphylococcus epidermidis als Infektionserreger.
Pathol Microbiol (Basel) 39:6-7, 1973 (Ger)
COAGULASE/ ENDOCARDITIS, BACTERIAL, etiology/ POSTOPERATIVE COMPLICATIONS, etiology/ STAPHYLOCOCCUS, classification/ *STAPHYLOCOCCUS, pathogenicity/ URINARY TRACT INFECTIONS, etiology

3459. **Huber R, Kukla D, Rühlmann A, et al:** Pancreatic trypsin inhibitor (Kunitz). I. Structure and function.
Cold Spring Harbor Symp Quant Biol 36:141-8, 1971
CATTLE/ CRYSTALLIZATION/ CYANATES/ MERCURIBENZOATES/ MERCURY/ MODELS, STRUCTURAL/ ORGANOMETALLIC COMPOUNDS/ *PANCREAS/ SELENIUM/ SULFONIC ACIDS/ *TRYPSIN INHIBITORS/ X-RAY DIFFRACTION

3460. **Hubmer G, Lipsky H:** Verkalktes und verknöchertes Hämatom nach stumpfem Nierentrauma.
Zentralbl Chir 98:469-71, 30 Mar 73 (Ger)
ADULT/ AORTOGRAPHY/ CALCINOSIS/ CALCINOSIS, etiology/ *CONTUSIONS, complications/ HEMATOMA/ *HEMATOMA, etiology/ HUMAN/ *KIDNEY, injuries/ KIDNEY DISEASES, etiology/ KIDNEY DISEASES, radiography/ MALE/ OSSIFICATION, PATHOLOGIC, etiology/ UROGRAPHY

3461. **Hucker HB, Stauffer SC, White SE:** Effect of halofenate on binding of various drugs to human plasma proteins and on the plasma half-life of antipyrine in monkeys.
J Pharm Sci 61:1490-2, Sep 72
ACETAMIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ANTICHOLESTEREMIC AGENTS, pharmacodynamics/ *ANTILIPEMIC AGENTS, pharmacodynamics/ *ANTIPYRINE, blood/ ASPIRIN, metabolism/ BISHYDROXYCOUMARIN, metabolism/ *BLOOD PROTEINS, metabolism/ CARBON ISOTOPES/ CHLOROTHIAZIDE, metabolism/ CLOFIBRATE, metabolism/ DIGITOXIN, metabolism/ DRUG INTERACTIONS/ FLUORINE, pharmacodynamics/ *GLYCOLATES/ HALF-LIFE/ HUMAN/ INDOMETHACIN, metabolism/ MACACA/ MONKEYS/ PHENOTHIAZINES, metabolism/ PHENYLBUTAZONE, metabolism/ SALICYLIC ACID, metabolism/ WARFARIN, metabolism

3462. **Hudry-Clergeon G, Pouit L, Chapel A, et al:** Fixation de la ferritine traitée par le toluène 2-4 diisocyanate sur les fibres de fibrine. Etude en microscopie électronique.
Pathol Biol (Paris) Suppl:41-6, Dec 72 (Fre)
ANIMAL EXPERIMENTS/ BINDING SITES/ CATTLE/ *CYANATES/ ENGLISH ABSTRACT/ *FERRITIN/ *FIBRIN/ FIBRIN, biosynthesis/ FIBRINOGEN/ FLUORESCENT ANTIBODY TECHNIC/ MICROSCOPY, ELECTRON/ PROTEIN BINDING/ PROTEIN CONFORMATION/ *TOLUENE

3463. **Huggins CB, Reddi AH:** Coagulation of blood plasma of guinea pig by the bone matrix.
Proc Natl Acad Sci USA 70:929-33, Mar 73
AMINES, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ *BONE MATRIX/ BONE MATRIX, metabolism/ FIBRINOGEN/ GUINEA PIGS/ HEPARIN, metabolism/ *PLASMA/ RATS/ SULFUR ISOTOPES/ TENDONS/ THROMBIN/ TIME FACTORS

3464. **Huggins CE, Russell PS, Winn HJ, et al:** Frozen blood in transplant patients: hepatitis and HL-A isosensitization. Transplant Proc 5:809-12, Mar 73
AGGLUTINATION TESTS/ AUSTRALIA ANTIGEN, isolation & purification/ *BLOOD PRESERVATION/ BLOOD TRANSFUSION/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ *FREEZING/ GEL DIFFUSION TESTS/ HEMODIALYSIS/ HEPATITIS, HOMOLOGOUS SERUM, diagnosis/ *HEPATITIS, HOMOLOGOUS SERUM, etiology/ HISTOCOMPATIBILITY/ HUMAN/ ISOANTIBODIES, analysis/ *KIDNEY, transplantation/ LEUKOCYTES, immunology/ TRANSPLANTATION, HOMOLOGOUS

3465. **Huggins CE, Russell PS, Winn HJ, et al:** Frozen blood in transplant recipients to avoid hepatitis and-or HL-A sensitization. Transplant Proc 4:575-6, Dec 72
ANTIBODIES, analysis/ AUSTRALIA ANTIGEN, analysis/ *BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ *FREEZING/ GEL DIFFUSION TESTS/ HEMODIALYSIS/ *HEPATITIS, HOMOLOGOUS SERUM, prevention & control/ HISTOCOMPATIBILITY/ HUMAN/ IMMUNOELECTROPHORESIS/ *KIDNEY, transplantation

3466. **Hughes RC:** Glycoproteins as components of cellular membranes.
Prog Biophys Mol Biol 26:189-268, 1973 (470 ref.)
AMOEBA, cytology/ ANIMAL EXPERIMENTS/ ANTIGENS, NEOPLASM/ BACTERIA, cytology/ BACTERIOPHAGE/ BINDING SITES, ANTIBODY/ BLOOD PLATELETS/ *CELL MEMBRANE/ CELL TRANSFORMATION, NEOPLASTIC/ ENCEPHALITOGENIC BASIC

PROTEINS/ ERYTHROCYTES/ EYE PROTEINS/ FUNGI, cytology/ *GLYCOPROTEINS/ HELA CELLS/ HISTOCOMPATIBILITY ANTIGENS/ IMMUNOGLOBULINS/ L FORMS/ LIVER, cytology/ MACROPHAGES/ MYXOVIRUS/ NERVE TISSUE PROTEINS/ PORIFERA, cytology/ REVIEW/ SINDBIS VIRUS/ VIRUSES

3467. **Hughes RC, Palmer PD, Sanford BH:** Factors involved in the cytotoxicity of normal guinea pig serum for cells of murine tumor TA3 sublines treated with neuraminidase. J Immunol 111:1071-80, Oct 73
ADENOCARCINOMA, immunology/ AGGLUTINATION TESTS/ ANIMAL EXPERIMENTS/ ANTIBODY SPECIFICITY/ *CYTOTOXICITY TESTS, IMMUNOLOGIC/ GALACTOSE, metabolism/ GLYCOPROTEINS, metabolism/ GUINEA PIGS, immunology/ IGG/ IGM/ *IMMUNE SERUMS/ MICE/ *NEOPLASMS, EXPERIMENTAL, immunology/ *NEURAMINIDASE, pharmacodynamics/ PLANT AGGLUTININS/ RABBITS, immunology/ SHEEP, immunology/ TRYPSIN, pharmacodynamics/ TRYPSIN INHIBITORS/ VIBRIO, enzymology

3468. **Hugli TE:** The preparation and characterization of an active derivative of bovine pancreatic deoxyribonuclease A formed by selective cleavage with alpha-chymotrypsin.
J Biol Chem 248:1712-8, 10 Mar 73
ACETIC ACIDS/ ALKYLATION/ BROMINE/ CALCIUM/ CARBOXYPEPTIDASES/ CATALYSIS/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ *CHYMOTRYPSIN/ *DEOXYRIBONUCLEASE/ DEOXYRIBONUCLEASE, antagonists & inhibitors/ DEOXYRIBONUCLEASE, isolation & purification/ DISULFIDES/ DRUG STABILITY/ ELECTROPHORESIS, DISK/ ENZYME ACTIVATION/ GEL FILTRATION/ MERCAPTOETHANOL/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ *PANCREAS, enzymology/ SERINE/ SODIUM DODECYL SULFATE/ TRYPTOPHAN/ YEASTS, enzymology

3469. **Hugo R von, Graeff H:** Fibrin-I degradation products with a molecular weight higher than that of fibrinogen. Identification and characterization of in vitro products from human plasma.
Thromb Diath Haemorrh 29:122-9, 28 Feb 73
ALANINE/ BLOOD PROTEIN ELECTROPHORESIS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRIN, metabolism/ FIBRINOGEN/ GEL FILTRATION/ HUMAN/ MOLECULAR WEIGHT/ PRECIPITATION/ STREPTOKINASE

3470. **Hugues J:** Mode d'action des inhibiteurs de l'adhésion des plaquettes au collagène.
Nouv Rev Fr Hematol 12:706-7, Sep-Oct 72 (Fre)
BLOOD PLATELETS, physiology/ COLLAGEN/ *PLATELET ADHESIVENESS/ PLATELET ADHESIVENESS, drug effects

3471. **Hugues J:** Mode d'action des inhibiteurs de l'adhésion des plaquettes au collagène.
Pathol Biol (Paris) Suppl:65-70, Dec 72 (Fre)
ADENOSINE DIPHOSPHATE, physiology/ BLOOD COAGULATION/ CELL MEMBRANE, physiology/ *COLLAGEN/ ENGLISH ABSTRACT/ GLUCOSYLTRANSFERASES, physiology/ *PLATELET ADHESIVENESS/ SURFACE PROPERTIES/ THROMBOSIS, physiopathology

3472. **Hugues J:** Pathogénie de la thrombose.
Rev Med Liege 28:11-3, 1 Jan 73 (Fre)
ADENOSINE DIPHOSPHATE, metabolism/ ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION/ BLOOD PLATELETS/ HUMAN/ *PLATELET ADHESIVENESS/ THROMBIN, metabolism/ THROMBOSIS, drug therapy/ *THROMBOSIS, etiology/ THROMBOSIS, metabolism

3473. **Huguet C, Bloch P, Morisot P, et al:** Les hépatectomies majeures chez l'homme. Conséquences métaboliques.
Nouv Presse Med 2:761-5, Mar 72 (Fre)
ADOLESCENCE/ ADULT/ AMINOTRANSFERASES, blood/ AMMONIA, blood/ BILIRUBIN, blood/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ *BLOOD PROTEIN DISORDERS, etiology/ ENGLISH ABSTRACT/ FACTOR V/ FACTOR VII/ FACTOR X/ FEMALE/ FIBRINOGEN/ FIBRINOLYSIS/ HEMATOCRIT/ *HEPATECTOMY, adverse effects/ HUMAN/ *HYPERBILIRUBINEMIA, etiology/ LIPIDS, blood/ LIVER NEOPLASMS, surgery/ LIVER REGENERATION/ MALE/ *METABOLIC DISEASES, etiology/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS

3474. **Huguier M, Vinh TS, Cerbonnet G:** L'hématome intra-mural de l'intestin dû aux anticoagulants (trois cas dont un sur le côlon.
Chirurgie 98:427-32, May 72 (Fre)
AGED/ *ANTICOAGULANTS, adverse effects/ *COLONIC DISEASES, chemically induced/ ENGLISH ABSTRACT/ *HEMATOMA, chemically induced/ *HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HUMAN/ MALE/ PROGNOSIS/ PROTHROMBIN TIME/ TIME FACTORS/ *VITAMIN K, antagonists & inhibitors

3475. **Hull MG:** Perinatal coagulopathies complicating fetal blood sampling. Br Med J 4:319-21, 11 Nov 72
*BLOOD COAGULATION DISORDERS, complications/ *BLOOD SPECIMEN COLLECTION, adverse effects/ ENDOSCOPY/ FEMALE/ *FETUS/ *HEMORRHAGE, etiology/ HEMORRHAGIC DISEASE OF NEWBORN, complications/ HUMAN/ MALE/ METHODS/ PREGNANCY/ PUNCTURES, adverse effects/ SCALP, injuries/ SKIN/ VAGINAL DISEASES, etiology

3476. **Hull MG, Wilson JA:** Massive scalp haemorrhage after fetal blood sampling due to haemorrhagic disease.
Br Med J 4:321-2, 11 Nov 72
ACUTE DISEASE/ ADULT/ *BLOOD SPECIMEN COLLECTION, adverse effects/ BLOOD TRANSFUSION/ FEMALE/ *FETUS/ HEMATOMA, EPIDURAL, etiology/ *HEMORRHAGE, etiology/ *HEMORRHAGIC DISEASE OF NEWBORN, complications/ HEMORRHAGIC DISEASE OF NEWBORN, drug therapy/ HUMAN/ INFANT, NEWBORN/ LABOR/ MALE/ PREGNANCY/ PROTHROMBIN TIME/ PUNCTURES, adverse effects/ *SCALP, injuries/ VITAMIN K, therapeutic use/ VITAMIN K DEFICIENCY, complications

3477. **Hulme B, Pitcher PM:** Rapid latex-screening test for detection of fibrin-fibrinogen degradation products in urine after renal transplantation.
Lancet 1:6-8, 6 Jan 73
AZATHIOPRINE, therapeutic use/ FIBRIN, metabolism/ *FIBRIN, urine/ FIBRINOGEN, metabolism/ *FIBRINOGEN, urine/ GRAFT REJECTION/ HEPARIN, therapeutic use/ HUMAN/ IMMUNOSUPPRESSION/ KIDNEY, radiation effects/ *KIDNEY, transplantation/ *LATEX FIXATION TESTS/ METHODS/ PREDNISONE, therapeutic use/ RADIATION EFFECTS/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS

3478. **Hultén L:** Lateral subkuutan sfinkterotomi vid behandling av kronisk analfissur.
Lakartidningen 69:5217-20, 1 Nov 72 (Swe)
AMBULATORY CARE/ CHRONIC DISEASE/ DILATATION/ ENGLISH ABSTRACT/ *FISSURE IN ANO, surgery/ FOLLOW-UP STUDIES/ HEMATOMA, etiology/ HUMAN/ INTESTINAL MUCOSA, pathology/ METHODS/ MUSCLES, physiology/ POSTOPERATIVE COMPLICATIONS/ PSYLLIUM, therapeutic use/ RECURRENCE/ WOUND HEALING, drug effects

3479. **Humbert G, Delaunay P, Leroy J, et al:** Accident vasculaire cérébral au cours d'un traitement par les

gonadotrophines.
Nouv Presse Med 2:28-30, 6 Jan 73 (Fre)
ADULT/ BASILAR ARTERY, radiography/ BLOOD VISCOSITY, drug effects/ CASE REPORT/ *CEREBRAL EMBOLISM AND THROMBOSIS, chemically induced/ CONTRACEPTIVES, ORAL, adverse effects/ ENCEPHALOMALACIA, chemically induced/ ESTROGENS, urine/ FEMALE/ *FSH, adverse effects/ *GONADOTROPINS, CHORIONIC, adverse effects/ HUMAN/ NEUROLOGIC MANIFESTATIONS/ OVARY, drug effects/ QUADRIPLEGIA, etiology/ *STERILITY, FEMALE, drug therapy

3480. **Huminiski PM, Ho HC, Wang JH:** Preparation and partial characterization of catalytically active tryptic derivatives of phosphorylase b.
J Biol Chem 248:4933-40, 25 Jul 73
ADENOSINE MONOPHOSPHATE/ AMINO ACIDS, analysis/ CATALYSIS/ CHEMISTRY/ COLD/ DRUG STABILITY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ GEL FILTRATION/ GLUCOSEPHOSPHATES/ *GLYCOGEN PHOSPHORYLASE/ GLYCOGEN PHOSPHORYLASE, analysis/ HYDROLYSIS/ INOSINE NUCLEOTIDES/ KINETICS/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ MUSCLES, enzymology/ RABBITS/ SODIUM DODECYL SULFATE/ SPERMINE/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TRYPSIN

3481. **Hundeiker M, Brehm K:** Naevus flammeus und Hämangiom. Fortschr Med 91:855-6, 19 Jul 73 (Ger)
CHILD/ DIAGNOSIS, DIFFERENTIAL/ *HEMANGIOMA, diagnosis/ HEMANGIOMA, radiotherapy/ HUMAN/ *NEVUS, diagnosis/ NEVUS, radiotherapy/ PROGNOSIS/ *SKIN NEOPLASMS, diagnosis/ SKIN NEOPLASMS, radiotherapy

3482. **Hunter J:** Heparin therapy in meningococcal septicaemia. Arch Dis Child 48:233-5, Mar 73
BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, drug therapy/ CHILD, PRESCHOOL/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ FIBRIN, metabolism/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ MENINGOCOCCAL INFECTIONS, complications/ *MENINGOCOCCAL INFECTIONS, drug therapy/ MENINGOCOCCAL INFECTIONS, mortality/ PROGNOSIS/ *SEPTICEMIA, drug therapy

3483. **Hureau J:** Le traitement médical des pancréatites aiguës. Med Chir Dig 2:25-30, 1973 (Fre)
ACUTE DISEASE/ DISSEMINATED INTRAVASCULAR COAGULATION, prevention & control/ ENGLISH ABSTRACT/ *HEPARIN, therapeutic use/ HUMAN/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ *PANCREATITIS, drug therapy

3484. **Huriaux F:** Isolement et propriétés de la L-méromyosine-1 de carotide de boeuf.
Arch Int Physiol Biochim 80:541-8, Aug 72 (Fre)
ALCOHOL, ETHYL/ AMINO ACIDS, analysis/ AMMONIUM SULFATE/ *CAROTID ARTERIES, analysis/ CRYSTALLIZATION/ ELECTROPHORESIS/ MACROMOLECULAR SYSTEMS/ MERCAPTOETHANOL/ MEROMYOSINS/ MEROMYOSINS, analysis/ MEROMYOSINS, isolation & purification/ *MUSCLE PROTEINS/ OSMOLAR CONCENTRATION/ PHOSPHATES/ PRECIPITATION/ SODIUM/ SODIUM CHLORIDE/ TRYPSIN/ ULTRACENTRIFUGATION/ VISCOSITY

3485. **Hurlbut JA, Ball TN, Pound HC, et al:** Two convenient spectrophotometric enzyme assays. A biochemistry experiment in kinetics. J Chem Educ 50:149-51, Feb 73
BIOCHEMISTRY, education/ *CHYMOTRYPSIN, analysis/ KINETICS/ METHODS/ *SPECTRUM ANALYSIS

3486. **Hurley RM, Drummond KN:** Anaphylactoid purpura nephritis: clinicopathological correlations.
J Pediatr 81:904-11, Nov 72
ADOLESCENCE/ AZATHIOPRINE, administration & dosage/ AZATHIOPRINE, therapeutic use/ BIOPSY/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ FIBRIN, analysis/ GLOMERULONEPHRITIS, drug therapy/ *GLOMERULONEPHRITIS, etiology/ GLOMERULONEPHRITIS, immunology/ GLOMERULONEPHRITIS, pathology/ HUMAN/ IGG, analysis/ INFANT/ KIDNEY GLOMERULUS, pathology/ MALE/ MICROSCOPY, FLUORESCENCE/ NEPHROTIC SYNDROME, drug therapy/ PREDNISONE, administration & dosage/ PREDNISONE, therapeutic use/ PROTEINURIA, etiology/ *PURPURA, complications/ PURPURA, pathology/ SKIN, pathology/ SYNDROME

3487. **Hurme M, Kontiainen S, Seppälä IJ, et al:** Affinity and Ig classes of anti-hapten antibodies in carrier-preimmunized rats.
Eur J Immunol 3:191-5, Apr 73
AMINOCAPROIC ACID/ ANIMAL EXPERIMENTS/ *ANTIBODIES/ ANTIGENIC DETERMINANTS/ ANTIGENS/ BINDING SITES, ANTIBODY/ *CARRIER PROTEINS/ COLIPHAGES, immunology/ *HAPTENS/ IGG/ IGM/ IMMUNIZATION/ NITRO COMPOUNDS/ OVALBUMIN/ PHENYLACETATES/ PLANT AGGLUTININS/ RATS

3488. **Hurst MM, Niedermeier W, Zikan J, et al:** Isolation and characterization of the glycopeptides from a human immunoglobulin M. J Immunol 110:840-7, Mar 73
AMINO ACID SEQUENCE/ CYANOGEN BROMIDE, pharmacodynamics/ FUCOSE, analysis/ GALACTOSE, analysis/ GLUCOSAMINE, analysis/ *GLYCOPEPTIDES, isolation & purification/ HUMAN/ *IGM, analysis/ IMMUNOGLOBULIN FRAGMENTS, analysis/ *IMMUNOGLOBULINS, analysis/ IMMUNOGLOBULINS, FAB, analysis/ IMMUNOGLOBULINS, FC, analysis/ MACROGLOBULINEMIA, metabolism/ MANNOSE, analysis/ PAPAIN, pharmacodynamics/ PEPTIDE CHAIN TERMINATION/ TRYPSIN, pharmacodynamics

3489. **Hurvell B, Lindberg AA:** Serological cross-reactions between different Brucella species and Yersinia enterocolitica. Immunochemical studies on phenol-water extracted lipopolysaccharides from Brucella abortus and Yersinia enterocolitica type IX.
Acta Pathol Microbiol Scand [B] 81:113-9, Feb 73
ANTIGENIC DETERMINANTS/ ANTIGENS, BACTERIAL/ *BRUCELLA ABORTUS, immunology/ CHROMATOGRAPHY, GAS/ CROSS REACTIONS/ GALACTOSE, analysis/ GEL DIFFUSION TESTS/ GLUCOSE, analysis/ HEPTOSES, analysis/ IMMUNE SERUMS/ LIPASE, metabolism/ *LIPOPOLYSACCHARIDES/ LIPOPOLYSACCHARIDES, analysis/ LIPOPOLYSACCHARIDES, metabolism/ MANNOSE, analysis/ OXIDATION-REDUCTION/ *PASTEURELLA, immunology/ PEPTIDE HYDROLASES, metabolism/ PHENOLS/ *POLYSACCHARIDES, BACTERIAL/ POLYSACCHARIDES, BACTERIAL, analysis/ RABBITS, immunology/ TEMPERATURE

3490. **Hurwitz S, Shamir N, Nitsan Z:** Effect of Ascaridia galli on lumen activity of enzymes in the intestine of chicks. Poult Sci 51:1462-3, Jul 72
AMYLASE, analysis/ ANIMAL EXPERIMENTS/ ASCARIASIS, enzymology/ *ASCARIASIS, veterinary/ *CHICKENS/ CHYMOTRYPSIN, analysis/ *INTESTINE, SMALL, enzymology/ LIPASE, analysis/ *POULTRY DISEASES, enzymology/ TRYPSIN, analysis

3491. **Hutaff LW:** Specific therapy in hemophilia.
NC Med J 34:193-6, Mar 73
*BLOOD TRANSFUSION/ CHRISTMAS DISEASE, therapy/ FACTOR VIII,

administration & dosage/ *FACTOR VIII, therapeutic use/ FACTOR IX, administration & dosage/ *FACTOR IX, therapeutic use/ HEMOPHILIA, diagnosis/ *HEMOPHILIA, therapy

3492. **Hutchins GM, Anaya OA:** Measurements of cardiac size, chamber volumes and valve orifices at autopsy.
Johns Hopkins Med J 133:96-106, Aug 73
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ AMYLOIDOSIS, pathology/ AORTIC VALVE INSUFFICIENCY, pathology/ AORTIC VALVE STENOSIS, pathology/ *AUTOPSY/ CARDIAC VOLUME/ CHRONIC DISEASE/ CORONARY VESSELS, radiography/ FEMALE/ HEART FAILURE, CONGESTIVE, pathology/ *HEART VALVES, pathology/ HEART VENTRICLE, pathology/ HUMAN/ HYPERTENSION, pathology/ LUNG DISEASES, pathology/ MALE/ MIDDLE AGE/ MITRAL VALVE INSUFFICIENCY, pathology/ MITRAL VALVE STENOSIS, pathology/ MYOCARDIAL INFARCT, pathology/ *MYOCARDIUM, pathology/ ORGAN WEIGHT/ PURPURA, THROMBOPENIC, pathology/ SCLERODERMA, SYSTEMIC, pathology

3493. **Hutchins JE, Fife TH:** Deacylation of acyl chymotrypsins formed from aromatic carbonate diesters. Evidence for hindered nucleophilic attack by histidine-57.
J Am Chem Soc 94:8848-54, 13 Dec 72
ACYLATION/ CARBONATES/ *CHYMOTRYPSIN/ DEALKYLATION/ *HISTIDINE/ KINETICS/ NITROPHENOLS

3494. **Hutchison DC:** Alpha-1-antitrypsin deficiency and pulmonary emphysema: the role of proteolytic enzymes and their inhibitors.
Br J Dis Chest 67:171-96, Jul 73 (103 ref.)
ADULT/ ALPHA GLOBULIN, pharmacodynamics/ *ALPHA GLOBULIN, physiology/ ELECTROPHORESIS, STARCH GEL/ FEMALE/ GENOTYPE, analysis/ HEPATITIS/ HUMAN/ IMMUNOLOGIC DEFICIENCY SYNDROMES/ MALE/ *METABOLISM, INBORN ERRORS/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, physiology/ *PULMONARY EMPHYSEMA, etiology/ PULMONARY EMPHYSEMA, familial & genetic/ REVIEW/ SEX FACTORS/ SMOKING/ *TRYPSIN INHIBITORS/ TRYPSIN INHIBITORS, blood/ TRYPSIN INHIBITORS, pharmacodynamics

3495. **Hutchison DC, Barter CE, Cook PJ, et al:** Severe pulmonary emphysema. A comparison of patients with and without 1 -antitrypsin deficiency.
Q J Med 41:301-15, Jul 72
ADULT/ AGE FACTORS/ BLOOD PROTEIN ELECTROPHORESIS/ BODY HEIGHT/ BODY WEIGHT/ BRONCHITIS, etiology/ BRONCHITIS, physiopathology/ CARBON DIOXIDE, blood/ DYSPNEA, etiology/ EXERTION/ HETEROZYGOTE/ HUMAN/ LUNG, radiography/ *METABOLISM, INBORN ERRORS/ MIDDLE AGE/ OXYGEN, blood/ PULMONARY EMPHYSEMA, complications/ *PULMONARY EMPHYSEMA, enzymology/ PULMONARY EMPHYSEMA, familial & genetic/ PULMONARY EMPHYSEMA, radiography/ SMOKING/ SPIROMETRY/ *TRYPSIN INHIBITORS, blood/ VITAL CAPACITY

3496. **Hutin A:** Formule d'un anticoagulant pour les examens hématologiques (hémogramme.
Ann Inst Pasteur Lille 22:329-30, 1971 (Fre)
*ANTICOAGULANTS/ *BLOOD CELL COUNT/ *BLOOD CHEMICAL ANALYSIS/ BLOOD COAGULATION/ BLOOD SPECIMEN COLLECTION/ HUMAN/ METHODS

3497. **Hutson DG, Zeppa R, Warren WD:** Prevention of postoperative hemorrhage after pancreatic cystogastrostomy.
Ann Surg 177:689-93, Jun 73
ALCOHOLISM, complications/ ALKALINE PHOSPHATASE, blood/ AMYLASE, blood/ BILIARY TRACT DISEASES, complications/ BILIRUBIN, blood/ *DRAINAGE/ DUODENUM, surgery/ GASTRIC MUCOSA/ GASTROSTOMY/ *HEMORRHAGE, etiology/ HEMORRHAGE, prevention & control/ HEMOSTASIS/ HUMAN/ LIPASE, blood/ LYMPHOCYTES/ METHODS/ PANCREATIC CYST, etiology/ *PANCREATIC CYST, surgery/ PANCREATITIS, complications/ POSTOPERATIVE COMPLICATIONS, prevention & control/ SUTURE TECHNICS

3498. **Hutton RD, Ewert DL, French GR:** Differentiation of types 1 and 2 herpes simplex virus by plaque inhibition with sulfated polyanions.
Proc Soc Exp Biol Med 142:27-9, Jan 73
CELL LINE/ CHONDROITIN, pharmacodynamics/ DEXTRAN, pharmacodynamics/ *DEXTRAN, pharmacodynamics/ HEPARIN, pharmacodynamics/ *HEPARIN, pharmacodynamics/ *HERPESVIRUS HOMINIS, classification/ HERPESVIRUS HOMINIS, drug effects/ HERPESVIRUS HOMINIS, growth & development/ HYALURONIC ACID, pharmacodynamics/ *HYALURONIC ACID, pharmacodynamics/ KIDNEY/ MONKEYS/ PLAQUE ASSAY/ SULFURIC ACIDS, pharmacodynamics

3499. **Hwang SW, Wosilait WD:** The effect of anti-rat clotting factor serum on the "prothrombin time"
Comp Gen Pharmacol 2:87-92, Mar 71
*AGGLUTININS/ ANTIBODY FORMATION/ ANTIBODY SPECIFICITY/ BETA GLOBULIN, isolation & purification/ CROSS REACTIONS/ DOGS/ *FACTOR VII/ GEL DIFFUSION TESTS/ GOATS/ GUINEA PIGS/ GUINEA PIGS, immunology/ HAMSTERS/ HORSES/ HUMAN/ *IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ PRECIPITIN TESTS/ *PROTHROMBIN TIME/ RABBITS, immunology/ RATS/ SPECIES SPECIFICITY/ SWINE/ WARFARIN, pharmacodynamics

I

3500. **Iaina A, Shilo S:** Short and frequent dialysis versus regional heparinisation.
Lancet 2:1092, 18 Nov 72
*DIALYSIS/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN

3501. **Iakhontova OI:** O sekretornykh i morfologicheskikh narusheniiakh v dvenadtsatiperstnoi kishke u bol'nykh khronicheskim pankreatitom.
Ter Arkh 45:94-8, Apr 73 (Rus)
ALKALINE PHOSPHATASE, metabolism/ CHRONIC DISEASE/ DUODENAL DISEASES, etiology/ *DUODENUM/ DUODENUM, enzymology/ DUODENUM, pathology/ DUODENUM, physiopathology/ ENGLISH ABSTRACT/ HUMAN/ PANCREATITIS, complications/ PANCREATITIS, enzymology/ PANCREATITIS, metabolism/ PANCREATITIS, pathology/ *PANCREATITIS, physiopathology/ PEPTIDE PEPTIDOHYDROLASES, metabolism

3502. **Iakhontova OI, Shastin NN, Valenkevich LN, et al:** Morfologicheskie i sekretornye izmeneniia dvenadtsatiperstnoi kishki pri khronicheskikh pankreatitakh.
Vrach Delo 9:68-70, Sep 72 (Rus)
*ALKALINE PHOSPHATASE, metabolism/ CHRONIC DISEASE/ *DUODENUM, enzymology/ DUODENUM, pathology/ ENGLISH ABSTRACT/ HUMAN/ *PANCREATITIS, enzymology/ PANCREATITIS, pathology/ *PEPTIDE PEPTIDOHYDROLASES, metabolism

3503. **Ibarra-Pérez C, Del Bosque-Ruiz M:** Pregnancy in 6 patients with Starr-Edwards heart valve prostheses.
Am J Cardiol 30:565-8, Oct 72
ABORTION, THREATENED, etiology/ ACENOCOUMAROL, administration & dosage/ ACENOCOUMAROL, adverse effects/ *ACENOCOUMAROL, therapeutic use/ ADULT/ DIPYRIDAMOLE, administration & dosage/ DIPYRIDAMOLE, therapeutic use/ EXTRACTION, OBSTETRICAL/ FEMALE/ FOLLOW-UP STUDIES/ HEART FAILURE, CONGESTIVE, complications/ *HEART VALVE

PROSTHESIS/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ LABOR/ PREGNANCY/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ PROTHROMBIN TIME/ PUERPERIUM/ UTERINE HEMORRHAGE, chemically induced

3504. **Ichishima E:** [Biochemical studies on acid carboxypeptidase and acid proteinase]
J Jap Biochem Soc 45:267-88, Jun 73 (87 ref.) (Jap)
ASPERGILLUS, enzymology/ BINDING SITES/ *CARBOXYPEPTIDASES/ CARBOXYPEPTIDASES, antagonists & inhibitors/ CARBOXYPEPTIDASES, isolation & purification/ CHEMISTRY/ CHEMISTRY, PHYSICAL/ ESTERASES/ HYDROGEN-ION CONCENTRATION/ PENICILLIUM, enzymology/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, isolation & purification/ REVIEW

3505. **Ide CH, Wollschlaeger PB, Wollschlaeger G:** Sturge-Weber syndrome: an infrared thermographic and an angiographic study.
Ann Ophthalmol 5:678-83, Jun 73
ADULT/ ANEURYSM/ ANGIOGRAPHY/ *ANGIOMATOSIS, diagnosis/ ARTERIOVENOUS MALFORMATIONS, complications/ BRAIN/ FACE/ HUMAN/ MALE/ *OPHTHALMIC ARTERY/ OPHTHALMIC ARTERY, radiography/ *THERMOGRAPHY

3506. **Idler DR, Freeman HC:** Stability to freezing of steroid binding proteins in fish plasma.
Comp Biochem Physiol [B] 44:179-83, 15 Jan 73
ANIMAL EXPERIMENTS/ BLOOD PRESERVATION/ *BLOOD PROTEINS/ *CARRIER PROTEINS, blood/ CORTISONE/ DIALYSIS/ DRUG STABILITY/ EVALUATION STUDIES/ FEMALE/ FISHES/ FREEZING/ GLASS/ HYDROCORTISONE/ KETOSTEROIDS/ MALE/ PLASTICS/ PROTEIN BINDING/ SALMON/ SEX FACTORS/ SHARKS/ SPECIES SPECIFICITY/ *STEROIDS/ TESTOSTERONE/ TIME FACTORS

3507. **Ignarro LJ:** Preservation of structural integrity of liver lysosomes and membrane-stabilizing action of anti-inflammatory drugs, catecholamines and cyclic adenosine monophosphate in isotonic salt media.
Biochem Pharmacol 22:1269-82, 1 Jun 73
ACID PHOSPHATASE, metabolism/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ *CATECHOLAMINES, pharmacodynamics/ CENTRIFUGATION, DENSITY GRADIENT/ CULTURE MEDIA/ GALACTOSIDASE, metabolism/ GLUCURONIDASE, metabolism/ HEPARIN, pharmacodynamics/ HYDROLASES, metabolism/ IN VITRO/ ISOTONIC SOLUTIONS, pharmacodynamics/ *LIVER, cytology/ *LYSOSOMES, drug effects/ LYSOSOMES, enzymology/ MALE/ MEMBRANES, drug effects/ POTASSIUM CHLORIDE, pharmacodynamics/ PROTEIN DENATURATION, drug effects/ RATS/ SUCROSE/ SULFATES/ TIME FACTORS

3508. **Ihász M:** Der mechanische Dünndarmileus.
Zentralbl Chir 97:1441-6, 14 Oct 72 (Ger)
ADHESIONS, complications/ ADOLESCENCE/ ADULT/ AGED/ CHOLELITHIASIS, complications/ CONSTIPATION/ FEMALE/ HUMAN/ HUNGARY/ *INTESTINAL OBSTRUCTION/ INTESTINAL OBSTRUCTION, etiology/ INTESTINAL OBSTRUCTION, occurrence/ INTESTINAL OBSTRUCTION, surgery/ *INTESTINE, SMALL/ INTUSSUSCEPTION, complications/ LEUKOCYTOSIS/ MIDDLE AGE/ PAIN/ PERITONEAL DISEASES, complications/ POSTOPERATIVE CARE/ VOMITING

3509. **Ihenacho HN, Fletcher DJ, Breeze GR, et al:** Consumption coagulopathy in congenital heart-disease. Lancet 1:231-4, 3 Feb 73
ADOLESCENCE/ ADULT/ BLOOD VISCOSITY/ CHILD/ CHILD, PRESCHOOL/ CYANOSIS/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FACTOR V DEFICIENCY, physiopathology/ FIBRIN, metabolism/ FIBRINOLYSIS/ HEART DEFECTS, CONGENITAL, blood/ *HEART DEFECTS, CONGENITAL, complications/ HEART DEFECTS, CONGENITAL, surgery/ HEPARIN, administration & dosage/ HUMAN/ INFANT/ POSTOPERATIVE COMPLICATIONS/ THROMBOPENIA, etiology/ THROMBOSIS, prevention & control/ VEINS, surgery

3510. **Ikenaka T, Ishiguro M, Emura J, et al:** Isolation and partial characterization of the cyanogen bromide fragments of 1-acid glycoprotein and the elucidation of the amino acid sequence of the carboxyl-terminal cyanogen bromide fragment.
Biochemistry 11:3817-29, 26 Sep 72
ALKYLATION/ *AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CARBOHYDRATES, analysis/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ *GLYCOPROTEINS, analysis/ GLYCOPROTEINS, blood/ HUMAN/ OXIDATION-REDUCTION/ PEPSIN/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ THERMOLYSIN/ THIOCYANATES/ TRYPSIN

3511. **Ikezawa H, Yamada K, Aoyagi T, et al:** Effect of antipain on lysosomal peptide-hydrolases from swine liver. J Antibiot (Tokyo) 25:738-40, Dec 72
*LIVER, enzymology/ *LYSOSOMES, enzymology/ *PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ *PEPTIDES/ SWINE

3512. **Ikkala E:** Transfusion therapy in congenital deficiencies of plasma factor XIII.
Ann NY Acad Sci 202:200-3, 8 Dec 72
ADOLESCENCE/ ANTIBODY FORMATION/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ BLOOD TRANSFUSION, adverse effects/ CHILD, PRESCHOOL/ DRUG STABILITY/ EVALUATION STUDIES/ FACTOR VIII, analysis/ FACTOR XIII/ FACTOR XIII, analysis/ FACTOR XIII DEFICIENCY, congenital/ *FACTOR XIII DEFICIENCY, therapy/ FEMALE/ FIBRINOGEN, analysis/ FREEZING/ HEMOPHILIA, immunology/ HEMORRHAGIC DISEASE OF NEWBORN, therapy/ HUMAN/ MALE/ PLACENTA/ PREGNANCY

3513. **Ikram H, Nicholls JC:** In situ lysis of coronary thrombus. Am J Cardiol 32:245-6, Aug 73
*CORONARY DISEASE, drug therapy/ HEMORRHAGE, chemically induced/ HUMAN/ STREPTOKINASE, adverse effects/ STREPTOKINASE, therapeutic use/ THROMBOSIS, drug therapy

3514. **Ilan J:** Release factor regulating termination of complete protein in a eukaryotic organism.
J Mol Biol 77:437-48, 5 Jul 73
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CELL-FREE SYSTEM/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, ION EXCHANGE/ DIPHTHERIA TOXIN, pharmacodynamics/ GENETIC CODE/ GUANOSINE TRIPHOSPHATE, pharmacodynamics/ IN VITRO/ MASTIGOPHORA, enzymology/ METHIONINE, biosynthesis/ NAD, pharmacodynamics/ *PEPTIDE CHAIN TERMINATION/ *PEPTIDE TERMINATION FACTORS, isolation & purification/ POLYNUCLEOTIDES, metabolism/ *PROTEINS, biosynthesis/ PUROMYCIN/ RIBOSOMES, metabolism/ RNA, TRANSFER, metabolism/ TENEBRIO/ TRANSFERASES/ TRITIUM/ TRYPSIN

3515. **Illig L, Pannen F, Winckelmann G:** Experimentelle Untersuchungen zum Problem des lokalen

Shwartzmann-Phänomens der Haut. V. Beobachtungen über die Bedeutung von Gerinnungsstörungen bei der Auslösung des Phänomens an einem endotoxinfreien Meerschweinchen-Modell.
Arch Dermatol Forsch 246:11-26, 29 Jan 73 (Ger)
ANIMAL EXPERIMENTS/ BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ DISEASE MODELS, ANIMAL/ ENDOTOXINS/ ENGLISH ABSTRACT/ ESCHERICHIA COLI/ FACTOR V/ FIBRINOGEN/ GUINEA PIGS/ HYDROCARBONS, HALOGENATED/ NEOARSPHENAMINE/ NITROBENZENES/ PROTHROMBIN/ SHWARTZMAN PHENOMENON, complications/ *SHWARTZMAN PHENOMENON, immunology/ SHWARTZMAN PHENOMENON, physiopathology/ THROMBELASTOGRAPHY/ THROMBIN

3516. Illyés T, Kosztolányi G, Török M, et al: Haemopericardium keletkezésének szokatlan lehetősége. Orv Hetil 113:2776-7, 12 Nov 72 (Hun)
AGED/ FEMALE/ HEMATOMA, etiology/ HUMAN/ MYOCARDIAL INFARCT, complications/ *PERICARDIAL EFFUSION, etiology

3517. Imada I, Azuma I, Kishimoto S, et al: The effect of ubiquinone-7 and its metabolites on the immune response.
Int Arch Allergy Appl Immunol 43:898-907, 1972
ACID PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ *ANTIBODY FORMATION, drug effects/ CARBON/ FEMALE/ GLUCURONIDASE, metabolism/ HEMAGGLUTINATION TESTS/ IMMUNIZATION/ LYSOSOMES, enzymology/ MANNOSE, pharmacodynamics/ MICE/ OLEIC ACID/ PHAGOCYTOSIS/ PHENOLPHTHALEINS, pharmacodynamics/ SERUM ALBUMIN, BOVINE/ SPLEEN, cytology/ SPLEEN, enzymology/ UBIQUINONE, metabolism/ *UBIQUINONE, pharmacodynamics/ VITAMIN A, pharmacodynamics/ VITAMIN E, pharmacodynamics/ VITAMIN K, pharmacodynamics

3518. Imagawa T, Tsugita A: Studies on the primary structure of sulfate binding protein from Salmonella typhimurium. I. Tryptic digestion.
J Biochem (Tokyo) 72:889-910, Oct 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *BACTERIAL PROTEINS, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ HEAT/ *PROTEIN BINDING/ *SALMONELLA TYPHIMURIUM, analysis/ *SULFATES/ *TRYPSIN

3519. Imamura K, Nakanishi K, Suga T, et al: [Control of hemorrhage in prostatectomy. Study of vesical neck closure]
Jap J Urol 63:1039-44, Dec 72 (Jap)
AGED/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *HEMOSTASIS/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ *PROSTATECTOMY

3520. Imieliński L, Kurzaj E: Uszkodzenie nerwu promieniowego w następstwie pourazowego, zwapniałego krwiaka ramienia.
Chir Narzadow Ruchu Ortop Pol 37:561-4, 1972 (Pol)
ADULT/ *ARM/ *ARM INJURIES, complications/ *CALCINOSIS, complications/ ENGLISH ABSTRACT/ *HEMATOMA, complications/ HEMATOMA, etiology/ HUMAN/ MALE/ *RADIAL NERVE, injuries/ WOUNDS AND INJURIES, etiology

3521. Imig H, Sinnokrot A: Doppelblindversuch zur medikamentösen Beeinflussung von Schwellungen und Wundödemen nach Extremitätenfrakturen.
Med Welt 24:547-8, 6 Apr 73 (Ger)
ADULT/ AGED/ CLINICAL RESEARCH/ *COUMARINS, therapeutic use/ DRUG COMBINATIONS/ *EDEMA, drug therapy/ EVALUATION STUDIES/ FEMALE/ *HEMATOMA, drug therapy/ HUMAN/ MALE/ MIDDLE AGE/ *RUTIN, therapeutic use/ TIBIAL FRACTURES

3522. Imondi AR, Stradley RP, Wolgemuth R: Synthetic peptides in the diagnosis of exocrine pancreatic insufficiency in animals. Gut 13:726-31, Sep 72
ADMINISTRATION, ORAL/ AMINOBENZOIC ACID, metabolism/ AMINOBENZOIC ACID, urine/ ANIMAL EXPERIMENTS/ CHYMOTRYPSIN, metabolism/ DOGS/ FEMALE/ INTESTINAL ABSORPTION/ INTESTINE, SMALL, metabolism/ MALE/ METHODS/ PANCREAS, physiopathology/ *PANCREATIC DISEASES, diagnosis/ PANCREATIC DISEASES, physiopathology/ PANCREATIN, administration & dosage/ PANCREATIN, pharmacodynamics/ *PEPTIDES, diagnostic use/ RATS/ SWINE/ TIME FACTORS

3523. Imondi AR, Stradley RP, Wolgemuth R: Enzyme replacement therapy in the pancreatic duct ligated swine. Proc Soc Exp Biol Med 141:367-72, Oct 72
ANIMAL EXPERIMENTS/ CHYMOTRYPSIN, metabolism/ DIETARY FATS, metabolism/ DIETARY PROTEINS, metabolism/ *DISEASE MODELS, ANIMAL/ FECES, analysis/ FEMALE/ INTESTINAL ABSORPTION/ JEJUNUM, enzymology/ LIGATION/ LIPASE, metabolism/ LIPIDS, analysis/ LIPIDS, metabolism/ MALE/ *PANCREATIC DISEASES, drug therapy/ PANCREATIC DISEASES, etiology/ PANCREATIC DISEASES, metabolism/ PANCREATIC DUCTS, physiology/ *PANCREATIN, therapeutic use/ PROTEINS, analysis/ *SWINE/ TRYPSIN, metabolism

3524. Imondi AR, Stradley RP, Butler ER, et al: A method for the assay of chymotrypsin in crude biological materials. Anal Biochem 54:199-204, Jul 73
AMINOBENZOIC ACID/ ANIMAL EXPERIMENTS/ AZO COMPOUNDS/ BENZOATES/ *CHYMOTRYPSIN, analysis/ CHYMOTRYPSIN, metabolism/ DIPEPTIDES/ FECES, analysis/ HYDROGEN-ION CONCENTRATION/ KINETICS/ METHODS/ PANCREATIN, analysis/ SOLUBILITY/ SPECTROPHOTOMETRY/ SWINE/ TYROSINE

3525. Inceman S, Tangün Y: Platelet defects in the myeloproliferative disorders.
Ann NY Acad Sci 201:251-61, 27 Oct 72
ADENOSINE DIPHOSPHATE, physiology/ ADULT/ AGED/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS, metabolism/ BUSULFAN, therapeutic use/ DENSITOMETRY/ EPINEPHRINE, physiology/ FEMALE/ HUMAN/ KAOLIN, pharmacodynamics/ LEUKEMIA, MYELOCYTIC, blood/ LEUKEMIA, MYELOCYTIC, drug therapy/ MALE/ MIDDLE AGE/ MYELOID METAPLASIA, blood/ *MYELOPROLIFERATIVE DISORDERS, blood/ PLATELET ADHESIVENESS/ POLYCYTHEMIA VERA, blood/ THROMBOCYTOSIS, blood

3526. Inglesby TV, Singer JW, Gordon DS: Abnormal fibrinolysis in familial pulmonary hypertension.
Am J Med 55:5-14, Jul 73
ADOLESCENCE/ ADULT/ AGED/ BLOOD CELL COUNT/ BLOOD COAGULATION FACTORS, analysis/ BLOOD PLATELETS/ CHILD, PRESCHOOL/ ELECTROCARDIOGRAPHY/ FEMALE/ *FIBRINOLYSIS/ HEART CATHETERIZATION/ HUMAN/ HYPERTENSION, PULMONARY, blood/ HYPERTENSION, PULMONARY, etiology/ *HYPERTENSION, PULMONARY, familial & genetic/ HYPERTENSION, PULMONARY, physiopathology/ MALE/ PEDIGREE/ PHONOCARDIOGRAPHY/ PROTHROMBIN TIME/ PULSE/ VECTORCARDIOGRAPHY

3527. Ingram DV, Lewkonia I: Ocular hazards of playing squash rackets. Br J Ophthalmol 57:434-8, Jun 73
ADULT/ *ATHLETIC INJURIES/ CORNEA, injuries/ *EYE INJURIES, etiology/ EYEGLASSES/ FEMALE/ HEMATOMA,

etiology/ HUMAN/ HYPHEMA, etiology/ MALE/ ORBIT, injuries/ RETINAL DETACHMENT, etiology/ RETINAL DISEASES, etiology/ UVEITIS, etiology/ VISUAL ACUITY

3528. **Ingram GI, Inglish PJ, Bennett AE:** Tranexamic acid for prophylaxis in haemophilia. J Clin Pathol 25:629, Jul 72
ADOLESCENCE/ ADULT/ *ANTIFIBRINOLYTIC AGENTS, therapeutic use/ CLINICAL RESEARCH/ *CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ EPISTAXIS, drug therapy/ *HEMOPHILIA, drug therapy/ HUMAN/ MIDDLE AGE/ PLACEBOS

3529. **Ingram GI, Mathews JA, Bennett AE:** A controlled trial of joint aspiration in acute haemophilic haemarthrosis. Br J Haematol 23:649-54, Dec 72
ADOLESCENCE/ ADULT/ ANESTHESIA, LOCAL/ *DRAINAGE/ FACTOR VIII, therapeutic use/ HEMARTHROSIS, drug therapy/ *HEMARTHROSIS, therapy/ *HEMOPHILIA, complications/ HUMAN/ KNEE JOINT/ MALE/ METHODS/ PAIN

3530. **Ingram GI, Mathews JA, Bennett AE:** Controlled trial of joint aspiration in acute haemophilic haemarthrosis. Ann Rheum Dis 31:423, Sep 72
*DRAINAGE/ FACTOR VIII, therapeutic use/ *HEMARTHROSIS, surgery/ *HEMOPHILIA, complications/ HUMAN

3531. **Innes EH:** Rheumatoid arthritis with anaemia and thrombocytopenia. Proc R Soc Med 65:1017-8, Nov 72
ADULT/ *ANEMIA, MACROCYTIC, complications/ *ARTHRITIS, RHEUMATOID, complications/ BLOOD TRANSFUSION/ FOLIC ACID, blood/ HUMAN/ MALE/ *THROMBOPENIA, complications/ VITAMIN B 12, blood/ VITAMIN B 12, therapeutic use

3532. **Inoue H, Sasaki A, Yoshida N:** An anionic trypsin-like enzyme from Streptomyces erythreus: characterization.
Biochim Biophys Acta 284:451-60, 12 Oct 72
AMINO ACIDS, analysis/ CATTLE/ CIRCULAR DICHROISM/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ MATHEMATICS/ MOLECULAR WEIGHT/ PANCREAS, enzymology/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, analysis/ PROTEIN CONFORMATION/ *STREPTOMYCES, enzymology/ STREPTOMYCES GRISEUS, enzymology/ TRYPSIN/ ULTRACENTRIFUGATION/ ULTRAVIOLET RAYS

3533. **Inoue I, Ueda T, Kobatake Y:** Structure of excitable membranes formed on the surface of protoplasmic drops isolated from Nitella. I. Conformation of surface membrane determined from the refractive index and from enzyme actions.
Biochim Biophys Acta 298:653-63, 29 Mar 73
*ALGAE, GREEN, cytology/ CATTLE/ MEMBRANE POTENTIALS/ MEMBRANES, drug effects/ MEMBRANES, physiology/ MOLECULAR CONFORMATION/ OPTICS/ PANCREAS, enzymology/ PHOSPHOLIPASE/ PRONASE, pharmacodynamics/ SNAKES/ TIME FACTORS/ TRYPSIN, pharmacodynamics/ VENOMS

3534. **Inoue Y, Yamamura H, Nishizuka Y:** Protamine kinase independent of adenosine 3',5'-monophosphate from rat brain cytosol.
Biochem Biophys Res Commun 50:228-36, 23 Jan 73
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ BRAIN, cytology/ *BRAIN, enzymology/ CATALYSIS/ CHROMATOGRAPHY/ *CYTOSOL, enzymology/ ELECTROPHORESIS/ HISTONES, metabolism/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ ISOELECTRIC FOCUSING/ KINETICS/ PHOSPHORUS ISOTOPES/ *PHOSPHOTRANSFERASES, analysis/ PROTAMINES/ PROTAMINES, metabolism/ PROTEINS/ RATS

3535. **Inouye M, Yee ML:** Specific removal of proteins from the envelope of Escherichia coli by protease treatments. J Bacteriol 112:585-92, Oct 72
AMINO ACIDS/ BACTERIAL PROTEINS, analysis/ *BACTERIAL PROTEINS, isolation & purification/ CARBON ISOTOPES/ CELL FRACTIONATION/ *CELL WALL, analysis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ESCHERICHIA COLI, analysis/ ESCHERICHIA COLI, cytology/ GLUCOSAMINE/ MOLECULAR WEIGHT/ PHOSPHORUS ISOTOPES/ *PRONASE, metabolism/ SODIUM DODECYL SULFATE/ STAINS AND STAINING/ TRITIUM/ *TRYPSIN

3536. **Inwood MJ, Hirsh J, Russet J:** The Mielke bleeding-time. Lancet 1:326, 10 Feb 73
*BLOOD COAGULATION TESTS/ BLOOD COAGULATION TESTS, adverse effects/ CICATRIX, etiology/ HUMAN/ METHODS

3537. **Ip H, Corner BD:** Thrombocytopenic purpura in cytomegalovirus mononucleosis.
Lancet 2:621, 15 Sep 73
*CYTOMEGALOVIRUSES, isolation & purification/ FEMALE/ HUMAN/ INFANT, NEWBORN/ *INFECTIOUS MONONUCLEOSIS, complications/ MATERNAL-FETAL EXCHANGE/ PREGNANCY/ *PREGNANCY COMPLICATIONS, INFECTIOUS/ *PURPURA, THROMBOTIC THROMBOPENIC, complications

3538. **Ippen H:** Quadrantendystrophie mit Gefässanomalien. Klippel-Trenaunay-Syndrom.
Dtsch Med Wochenschr 98:682, 20 Mar 73 (Ger)
*ANGIOMATOSIS, diagnosis/ ATROPHY/ *BONE DISEASES, diagnosis/ HUMAN/ HYPERTROPHY/ SYNDROME

3539. **Iqbal M, Grand NG:** Biochemical events in murine cytomegalovirus-infected mouse liver.
Proc Soc Exp Biol Med 142:567-71, Feb 73
ACID PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ CHOLESTEROL, metabolism/ *CYTOMEGALOVIRUSES/ HEPATITIS, INFECTIOUS, enzymology/ *HEPATITIS, INFECTIOUS, metabolism/ HEPATITIS, INFECTIOUS, microbiology/ LIPIDS, metabolism/ LIVER, cytology/ LIVER, enzymology/ *LIVER, metabolism/ LYSOSOMES, enzymology/ MICE/ PEPTIDE HYDROLASES, metabolism/ PHOSPHOLIPIDS, metabolism

3540. **Irie M, Miyasaka T, Arakawa K:** 3-Acetoxy-1-acetyl-5-methylpyrazole, a novel acetylating reagent of protein.
J Biochem (Tokyo) 72:65-72, Jul 72
ACETIC ACIDS/ CARBON ISOTOPES/ CHEMISTRY/ CHYMOTRYPSIN/ ENZYME PRECURSORS/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ IMIDAZOLES/ INDICATORS AND REAGENTS/ INSULIN/ MURAMIDASE/ OVALBUMIN/ *PROTEINS/ *PYRAZOLES/ RIBONUCLEASE/ SERUM ALBUMIN, BOVINE/ TEMPERATURE/ TRYPSIN

3541. **Irving M:** Current studies in surgical shock.
Proc R Soc Med 65:1116-8, Dec 72 (22 ref.)
BLOOD COAGULATION DISORDERS, complications/ *BLOOD VOLUME/ BLOOD VOLUME DETERMINATION/ CHROMIUM ISOTOPES/ HEMATOCRIT/ HUMAN/ HYPOTENSION/ IODINE ISOTOPES/ METHYLPREDNISOLONE, therapeutic use/ REVIEW/ *SHOCK, SURGICAL/ SHOCK, SURGICAL, drug therapy/ SHOCK, SURGICAL, etiology

3542. **Irwin DH, Schumann H:** On the therapeutic use of dicoumarin in Merino sheep.
J S Afr Vet Med Assoc 42:19-29, Mar 71
ABOMASUM/ ADMINISTRATION, ORAL/ ALFALFA/ ANIMAL EXPERIMENTS/ ANIMAL FEED/ BISHYDROXYCOUMARIN, administration & dosage/ BISHYDROXYCOUMARIN, pharmacodynamics/ *BISHYDROXYCOUMARIN, therapeutic use/ CATHETERIZATION/ DIET/ FEMALE/

FISTULA/ MALE/ PORTAL VEIN/ PROTHROMBIN TIME/ RUMEN/ SHEEP, metabolism/ *SHEEP DISEASES, prevention & control/ THROMBOSIS, prevention & control/ *THROMBOSIS, veterinary/ VITAMIN K, administration & dosage/ VITAMIN K, pharmacodynamics

3543. Isaeva LA, Novikova LS, Lyskina GA: Sistema svertyvaniia krovi pri infarktakh vnutrennikh organov i perifericheskikh gangrenakh u detei s uzelkovym periarteriitom.
Vopr Revm 12:23-6, Oct-Dec 72 (Rus)
ADOLESCENCE/ *BLOOD COAGULATION/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ *GANGRENE, complications/ HUMAN/ *INFARCTION, complications/ MALE/ *PERIARTERITIS NODOSA, blood/ PERIARTERITIS NODOSA, complications

3544. Isakov IuV: Faktory opredeliaiushchie iskhod khirurgicheskogo lecheniia ostrykh travmaticheskikh vnutricherepnykh gematom.
Vestn Khir 108:103-8, Nov 72 (Rus)
ACUTE DISEASE/ ADULT/ AGE FACTORS/ AGED/ *BRAIN INJURIES, ACUTE, surgery/ *CEREBRAL HEMORRHAGE, surgery/ CEREBRAL VENTRICLES/ ENGLISH ABSTRACT/ HEMATOMA, surgery/ *HEMATOMA, EPIDURAL, surgery/ *HEMATOMA, SUBDURAL, surgery/ HUMAN/ MIDDLE AGE

3545. Isaksson G: Treatment of obstetric bleeding with antifibrinolytics. Cent Afr J Med 19:98, May 73
*ANTIFIBRINOLYTIC AGENTS, therapeutic use/ *CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ FEMALE/ *HEMORRHAGE, POSTPARTUM, drug therapy/ HUMAN/ METHYLAMINES, therapeutic use/ PREGNANCY/ *UTERINE HEMORRHAGE, drug therapy

3546. Isaksson LA: Partial purification of ribosomal RNA(m1G)- and rRNA(m2G)-methylases from Escherichia coli and demonstration of some proteins affecting their apparent activity.
Biochim Biophys Acta 312:122-33, 8 Jun 73
AMMONIUM SULFATE/ BACTERIAL PROTEINS/ CARBON ISOTOPES/ CHLOROMERCURIBENZOATES/ CHROMATOGRAPHY, ION EXCHANGE/ ENZYME ACTIVATION/ *ESCHERICHIA COLI, enzymology/ GEL FILTRATION/ GENETICS, MICROBIAL/ GUANINE NUCLEOTIDES/ KINETICS/ *METHYLTRANSFERASES/ METHYLTRANSFERASES, antagonists & inhibitors/ METHYLTRANSFERASES, isolation & purification/ MUTATION/ PAPAIN/ PRECIPITATION/ RIBONUCLEASE/ RNA, RIBOSOMAL/ TRYPSIN/ ULTRACENTRIFUGATION

3547. Ishak KG, Jenis EH, Marshall ML, et al: Cirrhosis of the liver associated with 1 -antitrypsin deficiency.
Arch Pathol 94:445-55, Nov 72
ADULT/ BLOOD PROTEIN ELECTROPHORESIS/ *CELLULAR INCLUSIONS/ FEMALE/ HUMAN/ LIVER, pathology/ *LIVER, pathology/ *LIVER CIRRHOSIS, complications/ LIVER CIRRHOSIS, pathology/ LIVER FUNCTION TESTS/ *METABOLISM, INBORN ERRORS, familial & genetic/ METABOLISM, INBORN ERRORS, pathology/ *TRYPSIN INHIBITORS, blood

3548. Ishikawa K, Hayashi H, Iwai K: Calf thymus lysine- and serine-rich histone. I. Tryptic peptides of succinylated and unmodified histone.
J Biochem (Tokyo) 72:299-326, Aug 72
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ CATTLE/ CHEMISTRY/ CHROMATOGRAPHY/ *HISTONES, analysis/ HYDROLYSIS/ LYSINE, analysis/ MOLECULAR WEIGHT/ *PEPTIDES, analysis/ SERINE, analysis/ SUCCINATES/ *THYMUS GLAND, analysis/ TRYPSIN

3549. Islam MS, Vastag E, Ulmer WT: Effect of noxious stimulants on bronchial reactivity.
Bull Physiopathol Respir (Nancy) 8:509-18, May-Jun 72
ACETYLCHOLINE, pharmacodynamics/ AEROSOLS/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ *BRONCHI, drug effects/ CARBON DIOXIDE, blood/ DOGS/ ESOPHAGUS/ *MUSCLE, SMOOTH, drug effects/ OXYGEN, blood/ PRESSURE/ RESPIRATORY FUNCTION TESTS/ *SPUTUM, enzymology/ *SULFUR DIOXIDE, pharmacodynamics/ TRYPSIN, pharmacodynamics

3550. Isler W: [Obstruction of intracranial arteries in childhood] Neuropaediatrie 4:3-6, Jan 73 (Mul)
AGE FACTORS/ ANTIBIOTICS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ CEREBRAL ANGIOGRAPHY/ CEREBRAL ARTERIOSCLEROSIS, complications/ *CEREBRAL ARTERY DISEASES/ CEREBRAL ARTERY DISEASES, diagnosis/ CEREBRAL ARTERY DISEASES, drug therapy/ CEREBRAL ARTERY DISEASES, etiology/ *CEREBRAL EMBOLISM AND THROMBOSIS/ CEREBRAL EMBOLISM AND THROMBOSIS, diagnosis/ CEREBRAL EMBOLISM AND THROMBOSIS, drug therapy/ CEREBRAL EMBOLISM AND THROMBOSIS, etiology/ CEREBROVASCULAR CIRCULATION/ CHILD/ COLLATERAL CIRCULATION/ GLUCOCORTICOIDS, therapeutic use/ HUMAN

3551. Isom OW, Williams CD, Falk EA, et al: Evaluation of anticoagulant therapy in cloth-covered prosthetic valves. Circulation 48:Suppl 3:48-50, Jul 73
*ANTICOAGULANTS, therapeutic use/ AORTIC VALVE, surgery/ ASPIRIN, therapeutic use/ CEREBRAL HEMORRHAGE, chemically induced/ CEREBRAL HEMORRHAGE, occurrence/ HEART VALVE DISEASES, surgery/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, adverse effects/ HEMORRHAGE, chemically induced/ HEMORRHAGE, occurrence/ HUMAN/ MITRAL VALVE, surgery/ PROSTHESIS DESIGN/ THROMBOEMBOLISM, occurrence/ THROMBOEMBOLISM, prevention & control/ TRICUSPID VALVE, surgery/ WARFARIN, adverse effects/ WARFARIN, therapeutic use

3552. Israel L, Hamel C, Guibout P, et al: Toxicité et efficacité à court terme de quatre régimes différents de cytosine-arabinoside dans 40 cas de tumeurs solides humaines.
Sem Hop Paris 48:3093-7, 20 Nov 72 (Fre)
BLOOD CELL COUNT/ BLOOD PLATELETS/ CLINICAL RESEARCH/ CYTARABINE, administration & dosage/ *CYTARABINE, therapeutic use/ ENGLISH ABSTRACT/ ERYTHROCYTES/ HUMAN/ LEUKOCYTES/ NEOPLASM METASTASIS/ *NEOPLASMS, drug therapy

3553. Israels ED, Paraskevas F, Israels LG: Immunological studies of coagulation factor XIII.
J Clin Invest 52:2398-403, Oct 73
ADSORPTION/ AGAR/ ANTIBODIES/ BENTONITE/ BLOOD PLATELETS, immunology/ *FACTOR VIII/ FACTOR XIII DEFICIENCY, blood/ FACTOR XIII DEFICIENCY, congenital/ FACTOR XIII DEFICIENCY, immunology/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNE SERUMS/ NEUTRALIZATION TESTS/ RABBITS/ RABBITS, immunology/ THROMBIN

3554. István L: Haemophiliások sorsát befolyásoló medicinális és medico-szociális tényezökröl.
Orv Hetil 113:3016-20, 10 Dec 72 (Hun)
ADOLESCENCE/ ADULT/ BLOOD TRANSFUSION/ CHILD/ CHILD, PRESCHOOL/ *HEMOPHILIA, therapy/ HOSPITALIZATION/ HUMAN/ HUNGARY/ INFANT/ INFANT, NEWBORN/ *PERSONAL HEALTH SERVICES/ QUALITY OF HEALTH CARE/ STATE MEDICINE

3555. István L: Adatok a haemophiliás haematuria

kialakulásához és kezeléséhez.
Orv Hetil 113:2458-61, 8 Oct 72 (Hun)
ADOLESCENCE/ ADULT/ *ANTIFIBRINOLYTIC AGENTS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ *FIBRINOLYTIC AGENTS, blood/ HEMATURIA, drug therapy/ *HEMATURIA, etiology/ *HEMOPHILIA, complications/ HUMAN/ MALE

3556. **Ito A, Tokawa K, Shimizu B:** Peptide aldehydes inhibiting chymotrypsin.
Biochem Biophys Res Commun 49:343-9, 17 Oct 72
ACETIC ACIDS/ ACETIC ACIDS, chem synthesis/ *ALDEHYDES/ ALDEHYDES, chem synthesis/ BENZYL COMPOUNDS/ BUTANONES/ CHEMISTRY/ CHYMOTRYPSIN, antagonists & inhibitors/ FORMIC ACIDS/ IMIDAZOLES/ KINETICS/ LEUCINE/ OXIDATION-REDUCTION/ *PEPTIDES/ PEPTIDES, chem synthesis/ PHENETHYLAMINES/ PHENYLALANINE/ STRUCTURE-ACTIVITY RELATIONSHIP/ SUCCINIMIDES/ TRYPTOPHAN/ TYROSINE

3557. **Ito Y:** [Proteolytic enzyme from the hepatopancreas of various crabs. 3. Proteolytic enzymes of shore crab's (paralithodes brevipes (H. Milve Edwardes et Lucus))] J Jap Biochem Soc 45:199-205, Apr 73 (Jap)
ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ *CRABS, metabolism/ LIVER, enzymology/ PANCREAS, enzymology/ *PEPTIDE HYDROLASES, isolation & purification/ TRYPSIN, isolation & purification

3558. **Ito Y, Haruna I:** [Phage RNA replicase]
Protein Nucleic Acid Enzyme (Tokyo) Suppl:159-64, Oct 72 (35 ref.) (Jap)
*BACTERIOPHAGE, enzymology/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CULTURE MEDIA/ PROTAMINES/ REVIEW/ RNA, BACTERIAL, isolation & purification/ *RNA POLYMERASE, isolation & purification

3559. **Ito Y, Joklik WK:** Temperature-sensitive mutants of reovirus. 3. Evidence that mutants of group D ("RNA-negative") are structural polypeptide mutants. Virology 50:282-6, Oct 72
AMINO ACIDS, metabolism/ CARBON ISOTOPES/ CHYMOTRYPSIN/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *MUTATION/ *PEPTIDES, analysis/ REOVIRUS, analysis/ *REOVIRUS, metabolism/ RNA, MESSENGER, biosynthesis/ *RNA, VIRAL, biosynthesis/ *TEMPERATURE/ TRITIUM/ *VIRAL PROTEINS, analysis

3560. **Itokawa Y, Inoue K, Sasagawa S, et al:** Effect of S-methylcysteine sulfoxide, S-allylcysteine sulfoxide and related sulfur-containing amino acids on lipid metabolism of experimental hypercholesterolemic rats. J Nutr 103:88-92, Jan 73
ACIDS/ ALLYL COMPOUNDS, pharmacodynamics/ *AMINO ACIDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ CHOLESTEROL, blood/ CHOLESTEROL, metabolism/ CHOLESTEROL, DIETARY/ COCONUT/ COLIC/ CYSTEINE, pharmacodynamics/ DIET, ATHEROGENIC/ DIETARY FATS/ *HYPERCHOLESTEREMIA, metabolism/ JAPAN/ *LIPIDS, metabolism/ LIVER, anatomy & histology/ LIVER, metabolism/ MALE/ NUTRITION/ OILS/ ORGAN WEIGHT/ PHOSPHOLIPIDS, blood/ PLANTS, EDIBLE/ RATS/ *SULFOXIDES, pharmacodynamics

3561. **Ittyerah TR, Curtis CG:** Studies on fibrinogen degradation in the rat. Biochem J 128:131P, Jul 72
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY/ *FIBRINOGEN, metabolism/ IN VITRO/ IODINE ISOTOPES/ *LIVER, metabolism/ LYSOSOMES/ PERFUSION/ RATS/ TRICHLOROACETIC ACID

3562. **Ittyerah TR, Dodgson KS, Curtis CG:** Plasma fibrinogen concentrations after intravenous administration of fibrinopeptides to rats. Biochem J 128:733-4, Jul 72
ANIMAL EXPERIMENTS/ FIBRIN, metabolism/ *FIBRINOGEN, metabolism/ GEL DIFFUSION TESTS/ MALE/ *PEPTIDES, pharmacodynamics/ RATS

3563. **Iunina AI, Revo VV:** Antibiotikoterapiia posleoperatsionnykh ran gortani i trakhei.
Zh Ushn Nos Gorl Bolezn 31:82-5, Nov-Dec 71 (Rus)
HEPARIN, therapeutic use/ HUMAN/ LARYNX, surgery/ *PENICILLIN, therapeutic use/ POSTOPERATIVE COMPLICATIONS, drug therapy/ *STREPTOMYCIN, therapeutic use/ *SURGICAL WOUND INFECTION, drug therapy/ TRACHEOTOMY

3564. **Iurkevich VV, Zueva ES:** O mekhanizme potrebleniia belkov sredy drozhzhevymi kletkami.
Izv Akad Nauk SSSR [Biol] 6:872-6, 1972 (Rus)
CULTURE MEDIA/ ENGLISH ABSTRACT/ FERMENTATION/ *FUNGAL PROTEINS, metabolism/ *PEPTIDE HYDROLASES, metabolism/ *SACCHAROMYCES CEREVISIAE, enzymology

3565. **Iushchuk ND:** Sostoianie vsasyvatel'noĭ i pishchevaritel'noĭ funktsiĭ tonkoĭ kishki u bol'nykh ostroĭ dizenterieĭ.
Klin Med (Mosk) 51:125-9, Apr 73 (Rus)
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ BLOOD SUGAR, analysis/ DYSENTERY, drug therapy/ *DYSENTERY, metabolism/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN/ *INTESTINAL ABSORPTION/ *INTESTINE, SMALL, metabolism/ MALE/ MIDDLE AGE/ NUTRITION

3566. **Ivanič S:** Nonspecific inhibitors of arbovirus hemagglutinin. Pathol Microbiol (Basel) 39:17-8, 1973
*ARBOVIRUS, immunology/ CARCINOMA, EHRLICH TUMOR/ CELL LINE/ CHICKENS/ FIBROBLASTS/ *HEMAGGLUTININS, VIRAL, antagonists & inhibitors/ PROTAMINES, pharmacodynamics/ SEMLIKI FOREST VIRUS, immunology/ VIRUS INHIBITORS, isolation & purification/ *VIRUS INHIBITORS, pharmacodynamics

3567. **Ivannikov ID:** Sluchai gematomy legkogo, oshibochno priniatoi za tuberkulemu.
Probl Tuberk 50:71, 1972 (Rus)
ADULT/ CASE REPORT/ *DIAGNOSTIC ERRORS/ *HEMATOMA, diagnosis/ HUMAN/ *LUNG DISEASES, diagnosis/ MALE/ *TUBERCULOMA, diagnosis

3568. **Ivanov EP:** Ob opredelenii fibrinogen i fibrina plazmy i krovi. Lab Delo 9:517-21, 1972 (Rus)
*FIBRIN, analysis/ *FIBRINOGEN, analysis/ HUMAN/ MATHEMATICS/ METHODS

3569. **Ivanova GS, Valiukaĭte R, Bezborodov AM:** Vydelenie i svoĭstva vnutrikletochnoĭ ribonukleazy Aspergillus clavatus 1816.
Mikrobiologiia 41:626-32, Jul-Aug 72 (Rus)
ASPERGILLUS, drug effects/ *ASPERGILLUS, enzymology/ CHLOROMERCURIBENZOATES, pharmacodynamics/ EDTA, pharmacodynamics/ ENGLISH ABSTRACT/ HEPARIN, pharmacodynamics/ HISTIDINE, pharmacodynamics/ METALS, pharmacodynamics/ RIBONUCLEASE, antagonists & inhibitors/ *RIBONUCLEASE, isolation & purification/ UREA, pharmacodynamics

3570. **Ivashkevich GA:** Nekotorye voprosy patogeneza i lecheniia ostrogo gnoinogo peritonita.
Vestn Khir 108:30-3, Sep 72 (Rus)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ EXUDATES AND TRANSUDATES/ GASTROINTESTINAL MOTILITY, drug effects/ HUMAN/ *PERITONITIS, drug therapy/ PERITONITIS, etiology/ *POSTOPERATIVE COMPLICATIONS, drug therapy/ RABBITS/ SUPPURATION/ *TRYPSIN INHIBITORS, therapeutic use

3571. **Ivašková E:** The complex nature of antigen HL-A.2 absorption studies of anti-HL-A.2 sera on cells from white and black individuals.

Folia Biol (Praha) 18:408-17, 1972
ABSORPTION/ ANTIBODY SPECIFICITY/ ANTIGEN-ANTIBODY COMPLEX/ ANTIGEN-ANTIBODY REACTIONS/ *BLOOD PLATELETS, immunology/ CAUCASIAN RACE/ CROSS REACTIONS/ *HISTOCOMPATIBILITY ANTIGENS/ HISTOCOMPATIBILITY TESTING/ HUMAN/ IMMUNE SERUMS/ NEGROID RACE

3572. **Iverius PH, Lindahl U, Egeirud T, et al: Effects of heparin on lipoprotein lipase from bovine milk.**
J Biol Chem 247:6610-6, 25 Oct 72
CATTLE/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DIALYSIS/ DRUG STABILITY/ ENZYME ACTIVATION/ FLAVOBACTERIUM, enzymology/ GEL FILTRATION/ *HEPARIN/ HYDRO-LYASES/ KINETICS/ *LIPOPROTEIN LIPASE/ LIPOPROTEIN LIPASE, antagonists & inhibitors/ LIPOPROTEIN LIPASE, isolation & purification/ LIPOPROTEINS, HDL, blood/ LIPOPROTEINS, VLDL, blood/ *MILK, enzymology/ MUCOPOLYSACCHARIDES/ MUCOPOLYSACCHARIDES, isolation & purification/ OSMOLAR CONCENTRATION/ POLYSACCHARIDES/ PRONASE/ SULFUR ISOTOPES

3573. **Iwakura Y, Ikeuchi T, Kawai M, et al: [Improved method of E. coli RNA polymerase purification] Protein Nucleic Acid Enzyme (Tokyo) Suppl:133-9, Oct 72 (11 ref.) (Jap)**
CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ESCHERICHIA COLI, enzymology/ METHODS/ PROTAMINES/ REVIEW/ *RNA POLYMERASE, isolation & purification

3574. **Iwanaga S, Okude M: Carboxyl-terminal structures of mammalian fibrinogen and fibrin.**
Ann NY Acad Sci 202:308-17, 8 Dec 72
AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ CARBOXYPEPTIDASES/ CATTLE/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ DISULFIDES/ DOGS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRIN, analysis/ *FIBRINOGEN, analysis/ FIBRINOGEN, physiology/ HORSES/ HUMAN/ HYDRAZINES/ PEPTIDES, analysis/ SHEEP/ SPECIES SPECIFICITY/ SULFITES/ SWINE

3575. **Iwasaki T, Kiyoara T, Yoshikawa M: Chemical and physicochemical characterization of two different types of proteinase inhibitors (inhibitors II-a and II-b) from potatoes.**
J Biochem (Tokyo) 72:1029-35, Oct 72
AMINO ACIDS, analysis/ ISOELECTRIC FOCUSING/ MOLECULAR WEIGHT/ NITROBENZENES/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *PLANTS, EDIBLE, enzymology/ SULFONIC ACIDS

3576. **Iwasaki T, Kiyohara T, Yoshikawa M: Identification of the reactive site of potato proteinase inhibitor II-a.**
J Biochem (Tokyo) 73:1039-48, May 73
AMINO ACIDS, analysis/ BINDING SITES/ CHYMOTRYPSIN, antagonists & inhibitors/ ENZYME ACTIVATION/ GEL FILTRATION/ HYDROLYSIS/ SUBTILISINS, antagonists & inhibitors/ *TRYPSIN INHIBITORS/ VEGETABLES, analysis

3577. **Iwatsubo K, Yammamoto I: Catecholamine secretion from the adrenal gland treated with neuraminidase, protamine or alkylating agent.**
Jap J Pharmacol 22:577-9, Aug 72
ACETYLCHOLINE, pharmacodynamics/ ADRENAL MEDULLA, analysis/ *ADRENAL MEDULLA, secretion/ ANIMAL EXPERIMENTS/ CALCIUM, pharmacodynamics/ *CATECHOLAMINES, secretion/ CATTLE/ DRUG SYNERGISM/ GANGLIOSIDES, analysis/ *NEURAMINIDASE, pharmacodynamics/ *NITROGEN MUSTARD COMPOUNDS, pharmacodynamics/ *PROTAMINES, pharmacodynamics/ STIMULATION, CHEMICAL/ SUBCELLULAR FRACTIONS, analysis/ SUCCINATE DEHYDROGENASE, analysis

3578. **Izbicki R, al-Sarraf M, Reed ML, et al: Further clinical trials with porfiromycin (NSC-56410) (large intermittent doses).**
Cancer Chemother Rep 56:615-24, Oct 72
ADENOCARCINOMA, drug therapy/ ADULT/ ANEMIA, chemically induced/ ASTROCYTOMA, drug therapy/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CARCINOMA, drug therapy/ CARCINOMA, EPIDERMOID, drug therapy/ CHILD/ CLINICAL RESEARCH/ CYSTADENOMA, PAPILLARY, drug therapy/ FEMALE/ HUMAN/ LEUKOCYTE COUNT/ *NEOPLASMS, drug therapy/ PORFIROMYCIN, administration & dosage/ PORFIROMYCIN, adverse effects/ PORFIROMYCIN, blood/ *PORFIROMYCIN, therapeutic use/ PORFIROMYCIN, urine/ RHABDOMYOSARCOMA, drug therapy/ SARCOMA, OSTEOGENIC, drug therapy

3579. **Izuka K, Murata K: Inhibitory effects of human aortic and venous acid glycosaminoglycans on thrombus formation. Atherosclerosis 16:217-24, Sep-Oct 72**
ADULT/ AORTA, THORACIC, analysis/ ARTERIOSCLEROSIS, etiology/ AUTOPSY/ *BLOOD COAGULATION, drug effects/ CHONDROITIN, isolation & purification/ CHONDROITIN, pharmacodynamics/ ELECTROPHORESIS/ FEMALE/ HUMAN/ IN VITRO/ MALE/ METHODS/ MUCOPOLYSACCHARIDES, isolation & purification/ *MUCOPOLYSACCHARIDES, pharmacodynamics/ THROMBOSIS, complications/ TIME FACTORS/ VENA CAVA, INFERIOR, analysis/ VENA CAVA, SUPERIOR, analysis

3580. **Izuka K, Murata K: Occurrence of heparin or its related acidic glucosaminoglycan in human aortic tissue.**
Experientia 29:655-7, 15 Jun 73
ADULT/ AGED/ *AORTA, analysis/ CHONDROITIN, analysis/ ELECTROPHORESIS, PAPER/ *GLUCOSAMINE, analysis/ HEPARIN, analysis/ HUMAN/ MIDDLE AGE/ *POLYSACCHARIDES, analysis

J

3581. **Jabaley ME, Peterson HD: Early treatment of war wounds of the hand and forearm in Vietnam.**
Ann Surg 177:167-73, Feb 73
AMPUTATION/ ARM, blood supply/ *ARM INJURIES, surgery/ ARTERIES, surgery/ BLAST INJURIES, surgery/ BONE AND BONES, transplantation/ DEBRIDEMENT/ DRAINAGE/ *FOREARM, injuries/ FRACTURE FIXATION/ *HAND INJURIES, surgery/ HEMATOMA, therapy/ HUMAN/ MALE/ *MILITARY MEDICINE/ MUSCLES, surgery/ POSTOPERATIVE COMPLICATIONS/ SKIN, transplantation/ TRANSPLANTATION, AUTOLOGOUS/ TRANSPLANTATION, HOMOLOGOUS/ VIETNAM/ WAR/ WOUND HEALING/ WOUNDS, GUNSHOT, surgery

3582. **Jack RL, Coleman DJ: Diagnosis of retinal detachment with B-scan ultrasound.**
Can J Ophthalmol 8:10-8, Jan 73
CHOROID NEOPLASMS, complications/ CILIARY BODY/ EYE NEOPLASMS, complications/ HEMANGIOMA, complications/ HEMORRHAGE, complications/ HUMAN/ MELANOMA, complications/ RETINAL DEGENERATION, complications/ *RETINAL DETACHMENT, diagnosis/ RETINAL DETACHMENT, etiology/ RETINAL HEMORRHAGE, complications/ RETINITIS, complications/ RETINOBLASTOMA, complications/ RETROLENTAL FIBROPLASIA, complications/ TELANGIECTASIS, complications/ TOMOGRAPHY/ *ULTRASONICS, diagnostic use/ UVEITIS, complications/ VITREOUS BODY

3583. **Jacks TM, Wu BJ, Braemer AC, et al: Properties of the**

enterotoxic component in Escherichia coli enteropathogenic for swine.
Infect Immun 7:178-89, Feb 73
ANIMAL EXPERIMENTS/ BACTERIAL PROTEINS, analysis/ CHROMATOGRAPHY/ CHROMATOGRAPHY, ION EXCHANGE/ *ENTEROTOXINS/ ENTEROTOXINS, toxicity/ *ESCHERICHIA COLI/ FILTRATION/ GEL DIFFUSION TESTS/ HEAT/ HYDROGEN-ION CONCENTRATION/ POLYSACCHARIDES, BACTERIAL, analysis/ PRONASE, pharmacodynamics/ RABBITS/ SWINE/ TRYPSIN, pharmacodynamics/ ULTRAFILTRATION

3584. **Jackson CM**: Characterization of two glycoprotein variants of bovine factor X and demonstration that the factor X zymogen contains two polypeptide chains. Biochemistry 11:4873-82, 19 Dec 72
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CARBOXYLIC ACIDS, analysis/ CATALYSIS/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ DISULFIDES, analysis/ ELECTROPHORESIS, PAPER/ ENZYME ACTIVATION/ *ENZYME PRECURSORS, analysis/ *FACTOR X, analysis/ GEL FILTRATION/ GENETICS/ GLUCOSAMINE, analysis/ *GLYCOPROTEINS, analysis/ HEXOSAMINES, analysis/ HEXOSES, analysis/ HYDROLYSIS/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ NEURAMINIC ACIDS, analysis/ OLIGOSACCHARIDES/ *PEPTIDES, analysis

3585. **Jackson CW**: Cholinesterase as a possible marker for early cells of the megakaryocytic series.
Blood 42:413-21, Sep 73
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BONE MARROW CELLS, drug effects/ *CHOLINESTERASE, analysis/ FILTRATION/ IMMUNE SERUMS/ ISOFLUROPHATE, pharmacodynamics/ *MEGAKARYOCYTES, enzymology/ MITOSIS/ RATS/ STAINS AND STAINING/ THROMBOPENIA

3586. **Jackson P**: Puerperal thromboembolic disease in "high risk" cases. Br Med J 1:263-4, 3 Feb 73
ADULT/ AGE FACTORS/ CESAREAN SECTION/ FEMALE/ FIBRINOGEN, diagnostic use/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ LEG/ *PUERPERAL DISORDERS, diagnosis/ STERILIZATION, TUBAL/ THROMBOEMBOLISM, diagnosis/ *THROMBOPHLEBITIS, diagnosis/ ULTRASONICS, diagnostic use

3587. **Jackson RL, Gotto AM**: A study of the cystine-containing apolipoprotein of human plasma high density lipoproteins: characterization of cyanogen bromide and tryptic fragments.
Biochim Biophys Acta 285:36-47, 28 Nov 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ APOPROTEINS, analysis/ APOPROTEINS, blood/ APOPROTEINS, isolation & purification/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, ION EXCHANGE/ CYANOGEN BROMIDE/ ELECTROPHORESIS, PAPER/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HUMAN/ IMINES/ IMMUNOELECTROPHORESIS/ LIPOPROTEINS, blood/ LIPOPROTEINS, HDL, analysis/ LIPOPROTEINS, HDL, blood/ MACROMOLECULAR SYSTEMS/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ RABBITS, immunology/ THIOCYANATES/ TRYPSIN

3588. **Jackson RL, Segrest JP, Kahane I, et al**: Studies on the major sialoglycoprotein of the human red cell membrane. Isolation and characterization of tryptic glycopeptides. Biochemistry 12:3131-8, 31 Jul 73
AMINO ACIDS, analysis/ BINDING SITES/ CARBOXYPEPTIDASES/ *CELL MEMBRANE, analysis/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ERYTHROCYTES, analysis/ ERYTHROCYTES, cytology/ GALACTOSAMINE, analysis/ GEL FILTRATION/ GLUCOSAMINE, analysis/ *GLYCOPEPTIDES, blood/ GLYCOPEPTIDES, isolation & purification/ *GLYCOPROTEINS, blood/ HEXOSES, analysis/ HUMAN/ INFLUENZA VIRUSES/ IODINE ISOTOPES/ MODELS, BIOLOGICAL/ MOLECULAR WEIGHT/ NEURAMINIC ACIDS, analysis/ *NEURAMINIC ACIDS, blood/ PLANT AGGLUTININS/ TRYPSIN

3589. **Jacobs A, Bloom AL**: Advances in the treatment of blood disorders.
Practitioner 209:496-503, Oct 72 (18 ref.)
ANEMIA, APLASTIC, therapy/ ANEMIA, HYPOCHROMIC, drug therapy/ ANEMIA, MACROCYTIC, drug therapy/ ANTI-ANTIBODIES, administration & dosage/ ANTINEOPLASTIC AGENTS, therapeutic use/ BLOOD TRANSFUSION/ CHILD/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ ERYTHROBLASTOSIS, FETAL, prevention & control/ FEMALE/ FOLIC ACID, therapeutic use/ *HEMATOLOGIC DISEASES, therapy/ HUMAN/ HYDROXOCOBALAMIN, therapeutic use/ INFANT/ INFANT, NEWBORN/ IRON, therapeutic use/ LEUKEMIA, drug therapy/ MULTIPLE MYELOMA, drug therapy/ POLYCYTHEMIA VERA, radiotherapy/ PREGNANCY/ PURPURA, THROMBOPENIC, therapy/ REVIEW/ THROMBOSIS, drug therapy

3590. **Jacobs HD**: Clinical evaluation of side-effects of drugs.
S Afr Med J 47:1365-9, 4 Aug 73
ACCIDENT PREVENTION/ AGED/ ANTIBIOTICS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ CARBAMAZEPINE, adverse effects/ CARBAMAZEPINE, therapeutic use/ DIBENZAZEPINES, adverse effects/ DRUG HYPERSENSITIVITY/ DRUG INTERACTIONS/ *DRUG THERAPY, adverse effects/ DRUGS, metabolism/ EVALUATION STUDIES/ FEMALE/ HUMAN/ LENGTH OF STAY/ MALE/ MIDDLE AGE/ MIGRAINE, drug therapy/ PHENOBARBITAL, therapeutic use/ PLACEBOS/ WARFARIN, therapeutic use

3591. **Jacobs S**: Coumadin-induced bleeding: a mystery.
J La State Med Soc 125:97-100, Mar 73
AGED/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HEMORRHAGE, chemically induced/ HEMORRHAGE, diagnosis/ HUMAN/ *WARFARIN, adverse effects

3592. **Jacobs-Lorena, Baglioni C**: Synthesis of rabbit globin by reticulocyte postribosomal supernatant and heterologous ribosomes.
Eur J Biochem 35:559-65, 15 Jun 73
AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ CELL-FREE SYSTEM/ CELLS, CULTURED/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, PAPER/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GLOBIN, analysis/ *GLOBIN, biosynthesis/ HELA CELLS/ KINETICS/ MICE/ MULTIPLE MYELOMA/ NEOPLASMS, EXPERIMENTAL/ PEPTIDES, analysis/ RABBITS/ *RETICULOCYTES/ *RIBOSOMES, metabolism/ RNA, MESSENGER/ SPECIES SPECIFICITY/ *SUBCELLULAR FRACTIONS, metabolism/ TRANSLATION, GENETIC/ TRITIUM/ TRYPSIN/ TYROSINE, metabolism

3593. **Jacobsen CD, Southers NJ**: Ethanol gelation and protamine sulfate tests. Comparison and criticque.
Thromb Diath Haemorrh 29:130-4, 28 Feb 73
*ALCOHOL, ETHYL/ *BLOOD COAGULATION TESTS/ COMPARATIVE STUDY/ FIBRIN/ GELS/ HIRUDIN/ HUMAN/ METHODS/ *PROTAMINES

3594. **Jacobsen E, Klevan KH**: Electroreduction and polarographic determination of

2-phenylindan-1,3-dione in serum.
Anal Chim Acta 62:405-13, Dec 72
ELECTROLYTES/ HYDROGEN-ION CONCENTRATION/ *PHENINDIONE, blood/ POLAROGRAPHY/ PRESSURE

3595. **Jacobsen N, Goldhaber P:** Bone resorption in vitro induced by products of human gingival cells in culture. J Periodont Res 8:171-8, 1973
ADULT/ *BONE RESORPTION/ BONE RESORPTION, metabolism/ CELL LINE/ DOSE-RESPONSE RELATIONSHIP, DRUG/ EPITHELIAL CELLS/ *GINGIVA, metabolism/ HELA CELLS/ HUMAN/ IN VITRO/ MALE/ PARATHYROID GLANDS/ TISSUE CULTURE/ TISSUE EXTRACTS/ TRYPSIN

3596. **Jacobson RJ, Rath CE, Perloff JK:** Intravascular haemolysis and thrombocytopenia in left ventricular outflow obstruction. Br Heart J 35:849-54, Aug 73
ADULT/ *ANEMIA, HEMOLYTIC, complications/ ANGIOCARDIOGRAPHY/ AORTIC VALVE STENOSIS, blood/ *AORTIC VALVE STENOSIS, complications/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CHILD/ ERYTHROCYTE AGING/ FEMALE/ HAPTOGLOBINS/ HEART CATHETERIZATION/ HEART DISEASES, blood/ *HEART DISEASES, complications/ HEART VENTRICLE/ HEMATOCRIT/ HEME/ *HEMOLYSIS/ HEMOSIDERIN, urine/ HUMAN/ LACTATE DEHYDROGENASE, blood/ MALE/ MIDDLE AGE/ RETICULOCYTES/ *THROMBOPENIA, complications

3597. **Jacobson RJ, Sandler SG, Rath CE:** Systemic amyloidosis associated with micro-angiopathic haemolytic anaemia and factor X (Stuart factor) deficiency. S Afr Med J 46:1634-7, 28 Oct 72
AGED/ *AMYLOIDOSIS, complications/ *ANEMIA, HEMOLYTIC, ACQUIRED, etiology/ AUTOANTIBODIES, analysis/ BLOOD TRANSFUSION/ ERYTHROCYTE COUNT/ *FACTOR X/ FEMALE/ HEMATOCRIT/ HUMAN/ *HYPOPROTHROMBINEMIAS, complications/ HYPOPROTHROMBINEMIAS, drug therapy/ HYPOPROTHROMBINEMIAS, therapy/ PROTHROMBIN, therapeutic use/ PURPURA, etiology/ RETICULOCYTES

3598. **Jacobsson H, Blomgren H:** Studies on the recirculating cells in the mouse thymus.
Cell Immunol 5:107-21, Sep 72
ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ BINDING SITES/ CELL MEMBRANE, immunology/ CELLS, CULTURED/ CHROMIUM ISOTOPES/ CORTISONE, pharmacodynamics/ FEMALE/ LYMPH NODES, cytology/ LYMPHOCYTES, drug effects/ *LYMPHOCYTES, immunology/ LYMPHOCYTES, transplantation/ MICE/ MICE, INBRED STRAINS/ PLANT AGGLUTININS, pharmacodynamics/ SPLEEN, cytology/ TRANSPLANTATION, HOMOLOGOUS/ TRYPSIN, pharmacodynamics

3599. **Jacovella G, Marsocci G, Milazzotto F, et al:** Infarto miocardico tardivo da embolia in portatori di protesi valvolari artificiali. Osservazioni su quattro casi personali.
G Ital Cardiol 3:86-92, 1973 **(Ita)**
ADULT/ ANTICOAGULANTS, therapeutic use/ AORTIC VALVE/ *CORONARY DISEASE, complications/ *EMBOLISM, complications/ EMBOLISM, etiology/ ENGLISH ABSTRACT/ FEMALE/ *HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ MALE/ MIDDLE AGE/ MITRAL VALVE/ *MYOCARDIAL INFARCT, etiology/ TIME FACTORS

3600. **Jacquillat C, Weil M, Gemon MF:** Traitement des leucémies aiguës myéloblastiques.
Therapeutique 49:221-5, Mar 73 **(Fre)**
*ANTINEOPLASTIC AGENTS, therapeutic use/ ASPARAGINASE, therapeutic use/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ CYCLOPHOSPHAMIDE, therapeutic use/ CYTARABINE, therapeutic use/ DAUNOMYCIN, therapeutic use/ HUMAN/ *LEUKEMIA, MYELOBLASTIC, drug therapy/ REMISSION

3601. **Jacquillat C, Weil M, Schaison G, et al:** Behandlung der akuten leukämie bei Kindern. 2.
Med Klin 67:1040-5, 11 Aug 72 **(Ger)**
ASPARAGINASE, adverse effects/ ASPARAGINASE, therapeutic use/ BLOOD COAGULATION DISORDERS, chemically induced/ CHILD/ DAUNOMYCIN, therapeutic use/ DRUG HYPERSENSITIVITY, etiology/ ENGLISH ABSTRACT/ FEVER, chemically induced/ HUMAN/ KIDNEY FAILURE, ACUTE, chemically induced/ *LEUKEMIA, LYMPHOBLASTIC, drug therapy/ LIVER DISEASES, chemically induced/ PREDNISONE, therapeutic use/ REMISSION/ TIME FACTORS/ VINCRISTINE, therapeutic use

3602. **Jacquot-Armand Y, Krebs G:** The interaction of a naphthalene dye with 2 -macroglobulin, free or bound to trypsin. Biochim Biophys Acta 303:128-37, 23 Mar 73
ANILINE COMPOUNDS/ BINDING, COMPETITIVE/ BINDING SITES/ CENTRIFUGATION, DENSITY GRADIENT/ FLUORESCENCE SPECTROMETRY/ KINETICS/ *MACROGLOBULINS/ MACROMOLECULAR SYSTEMS/ *NAPHTHALENES/ PROTEIN BINDING/ QUANTUM THEORY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *SULFONIC ACIDS/ SWINE/ *TRYPSIN/ TRYPSIN, metabolism

3603. **Jaeger RJ, Rubin RJ:** Extraction, localization, and metabolism of di-2-ethylhexyl phthalate from PVC plastic medical devices.
Environ Health Perspect 3:95-102, Jan 73
BLOOD PLATELETS, analysis/ BLOOD PRESERVATION/ BLOOD TRANSFUSION/ CHLORIDES/ DOGS/ DRUG CONTAINERS AND CLOSURES/ ENVIRONMENTAL EXPOSURE/ EQUIPMENT AND SUPPLIES, standards/ EXTRACORPOREAL CIRCULATION/ HEART SURGERY/ HEMODIALYSIS/ HUMAN/ INJECTIONS, INTRAVENOUS/ LIVER, metabolism/ PERFUSION/ *PHTHALIC ACID, analysis/ PHTHALIC ACID, blood/ PHTHALIC ACID, metabolism/ PHTHALIC ACID, toxicity/ *PLASTICS, analysis/ *POLYVINYLS/ RATS/ *TECHNOLOGY, MEDICAL

3604. **Jaeger RJ, Rubin RJ:** Di-2-ethylhexyl phthalate, a plasticizer contaminant of platelet concentrates.
Transfusion 13:107-11, Mar 73
*BLOOD PLATELETS/ BLOOD PLATELETS, analysis/ *BLOOD PRESERVATION/ HUMAN/ *PHTHALIC ACID/ PHTHALIC ACID, analysis/ PLASTICS/ TEMPERATURE

3605. **Jaeger RJ, Rubin RJ:** Migration of a phthalate ester plasticizer from polyvinyl chloride blood bags into stored human blood and its localization in human tissues. N Engl J Med 287:1114-8, 30 Nov 72
ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ *BLOOD PRESERVATION, instrumentation/ BLOOD TRANSFUSION/ CHLORINE/ CHROMATOGRAPHY, GAS/ DISPOSABLE EQUIPMENT/ DOGS/ FEMALE/ HEART SURGERY/ HUMAN/ LIVER, metabolism/ LUNG, metabolism/ MALE/ *PHTHALIC ACID/ PHTHALIC ACID, blood/ PHTHALIC ACID, metabolism/ PHTHALIC ACID, urine/ *PLASTICS/ PLASTICS, adverse effects/ *POLYVINYLS/ POLYVINYLS, metabolism/ SPLEEN, metabolism/ TIME FACTORS

3606. **Jafek BW, Nahum AM, Butler RM, et al:** Surgical treatment of juvenile nasopharyngeal angiofibroma.
Laryngoscope 83:707-20, May 73
ADOLESCENCE/ ANGIOGRAPHY/ ANGIOMA, SCLEROSING, drug therapy/ ANGIOMA, SCLEROSING, pathology/ *ANGIOMA, SCLEROSING, surgery/ CHILD/ GINGIVOPLASTY/ HUMAN/ INTUBATION, INTRATRACHEAL/ MALE/ MEDICAL RECORDS/ METHODS/ NASOPHARYNGEAL NEOPLASMS, pathology/ NASOPHARYNGEAL

NEOPLASMS, radiography/ *NASOPHARYNGEAL NEOPLASMS, surgery/ PALATE, surgery/ PREOPERATIVE CARE

3607. **Jaffe BF:** Sudden sensorial neural deafness. Work-up and management. Postgrad Med 54:95-100, Jul 73
ACOUSTIC NERVE/ ACUTE DISEASE/ AUDIOMETRY/ BLOOD COAGULATION TESTS/ COCHLEA, blood supply/ DEAFNESS, diagnosis/ *DEAFNESS, etiology/ DEAFNESS, surgery/ EAR DISEASES, complications/ EAR, MIDDLE/ HEARING TESTS/ HUMAN/ LABYRINTH, radiography/ LABYRINTH, surgery/ LABYRINTHINE FLUIDS, analysis/ NEURILEMMOMA, radiography/ NEURILEMMOMA, surgery/ PROTEINS, analysis/ THROMBOSIS, complications/ TINNITUS, etiology/ VIRUS DISEASES, complications

3608. **Jaffe BF:** Clinical studies in sudden deafness. Adv Otorhinolaryngol 20:221-8, 1973
ADENOVIRUS INFECTIONS, complications/ ADULT/ AUDIOMETRY/ *BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION TESTS/ *DEAFNESS, etiology/ HUMAN/ INFLUENZA, complications/ MICHIGAN/ MYCOPLASMA INFECTIONS, complications/ PARA-INFLUENZA, complications/ PROSPECTIVE STUDIES/ PROTHROMBIN TIME/ *RESPIRATORY TRACT INFECTIONS, complications/ SERODIAGNOSIS/ TIME FACTORS

3609. **Jaffe BM, Parker CW:** Physiologic implications of prostaglandin radioimmunoassay. Metabolism 22:1129-37, Aug 73 (41 ref.)
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ CHROMATOGRAPHY/ FEMALE/ HUMAN/ INTRAOCULAR PRESSURE/ KIDNEY, physiopathology/ LABOR/ METHODS/ ORGAN CULTURE/ PREGNANCY/ PROSTAGLANDINS, biosynthesis/ *PROSTAGLANDINS, blood/ PROSTAGLANDINS, metabolism/ PROSTAGLANDINS, physiology/ RADIOIMMUNOASSAY/ RATS/ REVIEW/ SHEEP

3610. **Jaffe NS:** The vitreous. Arch Ophthalmol 90:69-82, Jul 73 (67 ref.)
ADULT/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ CEREBRAL ANEURYSM, complications/ ELECTRORETINOGRAPHY/ EYE DISEASES, drug therapy/ EYE DISEASES, etiology/ EYE DISEASES, familial & genetic/ EYE FOREIGN BODIES, surgery/ FEMALE/ HEMORRHAGE, complications/ HEMORRHAGE, diagnosis/ HEMORRHAGE, surgery/ HEMORRHAGE, therapy/ HUMAN/ HYALURONIC ACID, therapeutic use/ MALE/ POSTOPERATIVE COMPLICATIONS/ RABBITS/ REVIEW/ ULTRASONICS, diagnostic use/ *VITREOUS BODY/ VITREOUS BODY, abnormalities/ VITREOUS BODY, anatomy & histology/ VITREOUS BODY, blood supply/ VITREOUS BODY, drug effects/ VITREOUS BODY, embryology/ VITREOUS BODY, physiopathology/ VITREOUS BODY, surgery

3611. **Jaffé WG, De Mondragon MC, Layrisse M, et al:** Síntomas de toxicidad de selenio orgánico en ratas. Arch Latinoam Nutr 22:467-81, Sep 72 (Spa)
ALANINE AMINOTRANSFERASE, blood/ ALKALINE PHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ ASPARTATE AMINOTRANSFERASE, blood/ DIETARY PROTEINS/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, analysis/ *FOOD POISONING, diagnosis/ HEMATOCRIT/ HEMOGLOBIN/ MALE/ POISONING, enzymology/ PORPHYRINS, urine/ RATS/ *SELENIUM, toxicity

3612. **Jaffe WG, Ruphael M, Mondragon MC, et al:** Estudio clínico y bioquímico en niños escolares de una zona selenífera. Arch Latinoam Nutr 22:595-611, Dec 72 (Spa)
ALKALINE PHOSPHATASE, blood/ BODY HEIGHT, drug effects/ BODY WEIGHT, drug effects/ CREATININE, urine/ DENTAL CARIES, chemically induced/ ENGLISH ABSTRACT/ ENVIRONMENTAL EXPOSURE/ INTESTINAL DISEASES, PARASITIC, blood/ INTESTINAL DISEASES, PARASITIC, urine/ NUTRITION SURVEYS/ POISONING, blood/ POISONING, enzymology/ POISONING, urine/ PROTHROMBIN TIME/ SELENIUM, blood/ *SELENIUM, poisoning/ SELENIUM, urine/ VENEZUELA

3613. **Jagelman DG, Ellis H:** Starch and intraperitoneal adhesion formation. Br J Surg 60:111-4, Feb 73
*ADHESIONS, chemically induced/ ANIMAL EXPERIMENTS/ BIOPSY/ FEMALE/ GLOVES, SURGICAL/ GRANULOMA, chemically induced/ HUMAN/ OMENTUM, analysis/ *PERITONEAL DISEASES, chemically induced/ POSTOPERATIVE COMPLICATIONS/ RATS/ *STARCH, adverse effects/ STARCH, analysis/ STARCH, toxicity

3614. **Jagoda M:** Leczenie zwyrodnień starczych plamki heparyną i bradylanem. Klin Oczna 42:1255-8, 1972 (Pol)
COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *FRUCTOSE, therapeutic use/ *HEPARIN, therapeutic use/ HUMAN/ *MACULA LUTEA/ *NICOTINIC ACID, therapeutic use/ *RETINAL DEGENERATION, drug therapy/ VASODILATOR AGENTS, therapeutic use

3615. **Jähne M:** Beitrag zur posttraumatischen orbitalen Meningozele. Klin Monatsbl Augenheilkd 162:681-5, May 73 (Ger)
ACCIDENTS/ ANGIOMA, SCLEROSING, complications/ ANGIOMA, SCLEROSING, diagnosis/ CASE REPORT/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HEAD INJURIES, complications/ HUMAN/ INFANT/ LIPOMA, complications/ LIPOMA, diagnosis/ MALE/ *MENINGOCELE, etiology/ MENINGOCELE, surgery/ ORBIT/ ORBITAL NEOPLASMS, complications/ ORBITAL NEOPLASMS, diagnosis/ SKULL, radiography

3616. **Jain MK, White FP, Strickholm A, et al:** Studies concerning the possible reconstitution of an active cation pump across an artificial membrane. J Membr Biol 3:363-88, 1972
*ADENOSINE TRIPHOSPHATASE/ ADENOSINE TRIPHOSPHATASE, blood/ ADENOSINE TRIPHOSPHATE/ ALKANES/ ANIMAL EXPERIMENTS/ BRAIN, cytology/ *BRAIN, enzymology/ CATS/ CATTLE/ CENTRIFUGATION, ZONAL/ *CHOLESTEROL/ ERYTHROCYTES, enzymology/ HUMAN/ KIDNEY, enzymology/ MAGNESIUM/ *MEMBRANE POTENTIALS/ MEMBRANES, enzymology/ *MEMBRANES, ARTIFICIAL/ MICROSOMES, enzymology/ MYOCARDIUM, enzymology/ NERVE ENDINGS, enzymology/ OUABAIN/ PHOSPHOLIPASE/ POTASSIUM/ RABBITS/ RATS/ SODIUM/ TRYPSIN

3617. **James GT, Notmann EA:** Chemical studies on the subunit structure of rabbit muscle phosphoglucose isomerase. Identification of N-acetylated NH 2 -terminal alanine and COOH-terminal glutamine. J Biol Chem 248:730-7, 25 Jan 73
ACETIC ACIDS, analysis/ ACETYLATION/ *ALANINE, analysis/ ALKYLATION/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CARBOXYPEPTIDASES/ CHEMISTRY/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CYANATES/ ELECTROPHORESIS, PAPER/ *GLUCOSEPHOSPHATE ISOMERASE, analysis/ *GLUTAMINE, analysis/ GUANIDINES/ HYDRAZINES/ MACROMOLECULAR SYSTEMS/ *MUSCLES, enzymology/ NITROBENZENES/ PEPTIDES, analysis/ PROTEIN DENATURATION/ RABBITS/ TRYPSIN

3618. **James HL, Wickerhauser M:** Development of large-scale fractionation methods. 3. Preparation of a factor VIII concentrate of intermediate-purity. Vox Sang 23:402-12, 1972
AUSTRALIA ANTIGEN, analysis/ BLOOD COAGULATION TESTS/ BLOOD PROTEINS, analysis/ *FACTOR VIII, isolation & purification/ FACTOR VIII, therapeutic use/ *HEMOPHILIA, therapy/ HUMAN/ HYDROGEN-ION CONCENTRATION/ ISOANTIBODIES, analysis/ METHODS/ PROTHROMBIN, analysis/ RADIOIMMUNOASSAY/ THROMBIN, analysis

3619. **James O:** The Lundh test. Gut 14:582-91, Jul 73 (77 ref.)
AMYLASE, analysis/ CELIAC DISEASE, metabolism/ DUODENUM, enzymology/ DUODENUM, metabolism/ FASTING/ *FOOD/ FOOD ANALYSIS/ HUMAN/ INTUBATION, GASTROINTESTINAL/ LIVER DISEASES, metabolism/ PANCREAS, drug effects/ *PANCREATIC DISEASES, diagnosis/ PANCREATIC NEOPLASMS, diagnosis/ PANCREOZYMIN, pharmacodynamics/ REVIEW/ SECRETIN, pharmacodynamics/ TIME/ *TRYPSIN, analysis

3620. **James PM Jr, Bevis A, Myers RT:** Experiences with central venous and pulmonary artery pressure in a series of 3,500 patients.
South Med J 65:1299-307, Nov 72
ARTERIOVENOUS FISTULA, etiology/ *BLOOD PRESSURE DETERMINATION/ CATHETERIZATION/ CATHETERIZATION, adverse effects/ CATHETERIZATION, instrumentation/ *CENTRAL VENOUS PRESSURE/ EMBOLISM, prevention & control/ EMBOLISM, AIR, prevention & control/ FEVER, etiology/ HEMATOMA, prevention & control/ HEPARIN, administration & dosage/ HUMAN/ METHODS/ PNEUMOTHORAX, prevention & control/ *PULMONARY ARTERY/ PUNCTURES/ SEPTICEMIA, etiology/ SEPTICEMIA, prevention & control/ SUBCLAVIAN VEIN/ THROMBOPHLEBITIS, etiology

3621. **James PM Jr, Myers RT:** Central venous pressure monitoring: complications and a new technic.
Am Surg 39:75-81, Feb 73
ARRHYTHMIA, etiology/ ARTERIOVENOUS FISTULA, etiology/ *CATHETERIZATION, adverse effects/ *CENTRAL VENOUS PRESSURE/ EMBOLISM, AIR, etiology/ HEMATOMA, etiology/ HEMOTHORAX, etiology/ HUMAN/ HYDROTHORAX, etiology/ MONITORING SYSTEMS/ PNEUMOTHORAX, etiology/ PUNCTURES, adverse effects/ SEPTICEMIA, etiology/ THROMBOPHLEBITIS, etiology

3622. **Jameson GW, Roberts DV, Adams RW, et al:** Determination of the operational molarity of solutions of bovine alpha-chymotrypsin, trypsin, thrombin and factor Xa by spectrofluorimetric titration. Biochem J 131:107-17, Jan 73
AMMONIUM COMPOUNDS/ BENZOATES/ CATTLE/ *CHYMOTRYPSIN, analysis/ CINNAMATES/ COUMARINS/ ESTERS/ *FACTOR X, analysis/ FLUORESCENCE SPECTROMETRY/ GUANIDINES/ METHYLATION/ NAPHTHOLS/ SUBTILISINS, analysis/ *THROMBIN, analysis/ TIME FACTORS/ *TRYPSIN, analysis

3623. **Jamshidi K, Ansari A, Windschitl HE, et al:** Primary thrombocythemia. Geriatrics 28:121-33, Jan 73
ADULT/ AGED/ BLOOD COAGULATION TESTS/ BONE MARROW EXAMINATION/ BUSULFAN, administration & dosage/ BUSULFAN, therapeutic use/ FOLLOW-UP STUDIES/ HEMORRHAGE, etiology/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HEMORRHAGE, ORAL, etiology/ *HEMORRHAGIC THROMBOCYTHEMIA, complications/ HEMORRHAGIC THROMBOCYTHEMIA, diagnosis/ HEMORRHAGIC THROMBOCYTHEMIA, drug therapy/ HEPATOMEGALY, etiology/ HUMAN/ MALE/ MELPHALAN, administration & dosage/ MELPHALAN, therapeutic use/ MIDDLE AGE/ PHOSPHORUS ISOTOPES/ PIPOBROMAN, administration & dosage/ PIPOBROMAN, therapeutic use/ POLYCYTHEMIA VERA, etiology/ SPLENOMEGALY, etiology/ THROMBOSIS, etiology/ TOOTH EXTRACTION, adverse effects

3624. **Jamshidi K, Ansari A, Garcia MC, et al:** Postsplenectomy thrombocythemia: an unmasked myeloproliferative disorder.
J Am Geriatr Soc 21:419-24, Sep 73
AGED/ CHRONIC DISEASE/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ MALE/ MIDDLE AGE/ *MYELOPROLIFERATIVE DISORDERS, diagnosis/ *SPLENECTOMY, adverse effects/ THROMBOCYTOSIS, diagnosis/ THROMBOCYTOSIS, drug therapy/ *THROMBOCYTOSIS, etiology

3625. **Jan F, Sébastien P, Jacotot B, et al:** Embolies pulmonaires favorisées par un traitement hormonal. A propos de deux cas.
Coeur Med Interne 11:765-9, Oct-Dec 72 (Fre)
ADULT/ BLOOD COAGULATION DISORDERS, chemically induced/ *CONTRACEPTIVES, ORAL, adverse effects/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *PROGESTATIONAL HORMONES, adverse effects/ *PULMONARY EMBOLISM, chemically induced/ RADIOISOTOPE SCANNING/ THROMBOEMBOLISM, chemically induced/ VARICOSE VEINS, complications

3626. **Jan KM, Chien S:** Influence of the ionic composition of fluid medium on red cell aggregation.
J Gen Physiol 61:655-68, May 73
BARIUM, pharmacodynamics/ *BLOOD SEDIMENTATION/ BLOOD VISCOSITY/ CALCIUM, pharmacodynamics/ DEXTRAN, pharmacodynamics/ ELECTROPHORESIS/ ELECTROPHYSIOLOGY/ ERYTHROCYTES, drug effects/ *ERYTHROCYTES, physiology/ HUMAN/ MAGNESIUM, pharmacodynamics/ NEURAMINIDASE, pharmacodynamics

3627. **Jan KM, Chien S:** Role of surface electric charge in red blood cell interactions. J Gen Physiol 61:638-54, May 73
*BLOOD SEDIMENTATION/ BLOOD VISCOSITY/ DEXTRAN, pharmacodynamics/ ELECTROPHYSIOLOGY/ ERYTHROCYTES, drug effects/ *ERYTHROCYTES, physiology/ HUMAN/ MICROSCOPY, ELECTRON/ MOLECULAR WEIGHT/ NEURAMINIDASE, pharmacodynamics

3628. **Janda J, Mrhová O:** The influence of thyroid hormones on the activities of the certain enzymes in rat aorta at a high-fat diet. Cor Vasa 15:70-9, 1973
ACID PHOSPHATASE, metabolism/ ALKALINE PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ *AORTA, enzymology/ ARTERIOSCLEROSIS, drug therapy/ DIET, ATHEROGENIC/ *DIETARY FATS, administration & dosage/ ENZYME REPRESSION, drug effects/ ESTERASES, metabolism/ FEMALE/ HYPERTHYROIDISM, chemically induced/ HYPERTHYROIDISM, enzymology/ LACTATE DEHYDROGENASE, metabolism/ MALATE DEHYDROGENASE, metabolism/ NUCLEOTIDASES, metabolism/ OXIDOREDUCTASES, metabolism/ PYROPHOSPHATASES, metabolism/ RATS/ THYROID HORMONES/ *THYROID HORMONES, therapeutic use/ THYRONINE

3629. **Janda R:** Doświadczalne śródnaczyniowe krzepnięcie krwi experimental intravascular blood clotting.
Folia Med Cracov 14:335-456, 1972 (Pol)
AMINOCAPROIC ACID, adverse effects/ AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD PROTEINS, metabolism/ *DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ ENGLISH

ABSTRACT/ FEMALE/ FIBRINOLYSIS/ HALF-LIFE/ HEPARIN, therapeutic use/ MALE/ RABBITS/ STREPTOKINASE, therapeutic use

3630. **Janis KM:** Epidural hematoma following postoperative epidural analgesia: a case report.
Anesth Analg (Cleve) 51:689-92, Sep-Oct 72
AGED/ *ANALGESIA/ *ANESTHESIA, EPIDURAL, adverse effects/ *ANTICOAGULANTS, adverse effects/ CATHETERIZATION, adverse effects/ HEMATOCRIT/ *HEMATOMA, EPIDURAL, etiology/ HEPARIN, adverse effects/ HIP, surgery/ HUMAN/ LIDOCAINE/ MALE/ MYELOGRAPHY/ *POSTOPERATIVE CARE/ *POSTOPERATIVE COMPLICATIONS/ PROTAMINES/ PROTHROMBIN TIME

3631. **Janis KM, Fletcher G:** Oxygen tension measurements in small samples. Sampling errors.
Am Rev Respir Dis 106:914-6, Dec 72
ADULT/ CARBON DIOXIDE, blood/ CHEMISTRY, CLINICAL, instrumentation/ DIFFUSION/ ELECTRODES/ GLASS/ HEPARIN, pharmacodynamics/ HUMAN/ INFANT, NEWBORN/ METHODS/ NITROGEN, blood/ OXYGEN, analysis/ *OXYGEN, blood/ PARTIAL PRESSURE/ PLASTICS/ SYRINGES/ TEMPERATURE/ WATER, analysis

3632. **Janoff A:** Neutrophil proteases in inflammation.
Annu Rev Med 23:177-90, 1972 (78 ref.)
ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY COMPLEX/ BASEMENT MEMBRANE/ BASEMENT MEMBRANE, immunology/ CATHEPSIN, physiology/ CELL TRANSFORMATION, NEOPLASTIC/ CLOSTRIDIOPEPTIDASE A, blood/ COMPLEMENT/ FIBRINOLYSIS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *INFECTION, enzymology/ INFECTION, immunology/ INFLAMMATION, enzymology/ INFLAMMATION, etiology/ INFLAMMATION, immunology/ KININS, biosynthesis/ NEOPLASMS, etiology/ *NEUTROPHILS, enzymology/ PANCREATOPEPTIDASE, blood/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PHAGOCYTOSIS/ RABBITS/ REVIEW/ TRYPSIN INHIBITORS, physiology

3633. **Janoff A:** Human granulocyte elastase. Further delineation of its role in connective tissue damage.
Am J Pathol 68:579-92, Sep 72 (22 ref.)
CELL NUCLEUS, enzymology/ CHROMATOGRAPHY, ION EXCHANGE/ CLOSTRIDIOPEPTIDASE A, isolation & purification/ *CONNECTIVE TISSUE, metabolism/ CYTOPLASMIC GRANULES, enzymology/ ELASTIN, metabolism/ ENZYMES, antagonists & inhibitors/ HUMAN/ HYDROLYSIS/ IMMUNE SERUMS/ INFLAMMATION, metabolism/ ISOELECTRIC FOCUSING/ *LEUKOCYTES, enzymology/ LYSOSOMES, enzymology/ MICROSOMES, enzymology/ PANCREATOPEPTIDASE, antagonists & inhibitors/ *PANCREATOPEPTIDASE, blood/ PANCREATOPEPTIDASE, isolation & purification/ PANCREATOPEPTIDASE, metabolism/ REVIEW/ SUBCELLULAR FRACTIONS, enzymology/ TRYPSIN INHIBITORS, pharmacodynamics

3634. **Janota-Bassalik L, Olczyk C, Kwaśniewska K:** Amylolytic activities of mesophilic and thermophilic varieties of Bacillus sp.
Acta Microbiol Pol [B] 4:241-4, 1972
AMYLASE, biosynthesis/ AMYLASE, metabolism/ BACILLUS, enzymology/ BACILLUS, growth & development/ *BACILLUS, metabolism/ BACILLUS SUBTILIS, enzymology/ BACILLUS SUBTILIS, growth & development/ *BACILLUS SUBTILIS, metabolism/ COLORIMETRY/ CULTURE MEDIA/ HEAT/ HYDROGEN-ION CONCENTRATION/ PEPTIDE HYDROLASES, metabolism/ *STARCH, metabolism/ SULFATES, pharmacodynamics/ SULFITES, pharmacodynamics/ TEMPERATURE

3635. **Janoušek F:** Autolysehemmung in atrophischem Vaginalepithel durch Proteaseinhibitor.
Arch Gynaekol 213:293-302, 1973 (Ger)
AUTOLYSIS/ ENGLISH ABSTRACT/ FEMALE/ GELS/ HUMAN/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ TIME FACTORS/ VAGINA, enzymology/ VAGINA, microbiology/ *VAGINAL SMEARS

3636. **Jansen H:** Postoperative thromboembolism and its prevention with 500 ml dextran given during operation with a special study of the venous flow pattern in the lower extremities.
Acta Chir Scand [Suppl] 427:1-73, 1972
AGED/ BISHYDROXYCOUMARIN, therapeutic use/ COMPARATIVE STUDY/ DEXTRAN, adverse effects/ *DEXTRAN, therapeutic use/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ IODOHIPPURIC ACID/ LEG, blood supply/ MALE/ MIDDLE AGE/ PHLEBOGRAPHY/ POSTOPERATIVE COMPLICATIONS, prevention & control/ RADIOISOTOPES/ REGIONAL BLOOD FLOW/ RHEOLOGY/ SERUM ALBUMIN, RADIO-IODINATED/ *THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, drug therapy/ *THROMBOPHLEBITIS, prevention & control/ THROMBOPHLEBITIS, surgery/ TIME FACTORS/ XENON

3637. **Jansen H, Hülsmann WC:** Long-chain acyl-CoA hydrolase activity in serum: identity with clearing factor lipase.
Biochim Biophys Acta 296:241-8, 19 Jan 73
ANIMAL EXPERIMENTS/ ANIMAL NUTRITION/ COENZYME A/ DIETARY CARBOHYDRATES/ DIETARY PROTEINS/ ESTERASES, analysis/ ESTERASES, antagonists & inhibitors/ *ESTERASES, blood/ ESTERASES, isolation & purification/ FATTY ACIDS/ FRUCTOSE, pharmacodynamics/ GEL FILTRATION/ HEPARIN, administration & dosage/ HEPARIN, blood/ HEPARIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ *LIPOPROTEIN LIPASE, blood/ PALMITIC ACID/ PHOSPHOLIPASE, analysis/ RATS/ SODIUM CHLORIDE, pharmacodynamics/ TRIOLEIN

3638. **Janssen CL, Leeuwen WH van:** Behaviour of factor V and factor VIII during the process of blood coagulation. Scand J Haematol 9:531-8, 1972
BLOOD CELL COUNT/ *BLOOD COAGULATION/ BLOOD PLATELETS, physiology/ *FACTOR V, physiology/ *FACTOR VII, physiology/ HUMAN/ IN VITRO/ THROMBIN, biosynthesis/ THROMBIN, pharmacodynamics/ THROMBIN, physiology/ TIME FACTORS

3639. **Jaques LB:** Protamine--antagonist to heparin.
Can Med Assoc J 108:1291-7, 19 May 73 (30 ref.)
HEMORRHAGE, chemically induced/ HEMORRHAGE, etiology/ HEMOSTASIS/ HEPARIN, adverse effects/ HEPARIN, blood/ HEPARIN, pharmacodynamics/ *HEPARIN ANTAGONISTS, diagnostic use/ HISTAMINE LIBERATION, drug effects/ HUMAN/ HYPOTENSION, chemically induced/ IN VITRO/ NEUTRALIZATION TESTS/ PROTAMINES, administration & dosage/ PROTAMINES, adverse effects/ *PROTAMINES, diagnostic use/ REVIEW/ THROMBOPENIA, chemically induced

3640. **Jaques LB:** Heparin from different sources.
Lancet 2:1262, 9 Dec 72
DRUG COMBINATIONS/ *DRUG COMPOUNDING/ *HEPARIN, standards/ HUMAN/ SPECIES SPECIFICITY

3641. **Jaques LB, Kavanagh LW:** Standardisation of heparin for clinical use. Lancet 2:1315, 16 Dec 72
*HEPARIN, standards/ HUMAN/ THERAPEUTIC EQUIVALENCY

3642. **Jaques LB, Wollin A:** Identification and quantitation of heparins by microelectrophoresis on agarose gel.
Anal Biochem 52:219-33, Mar 73
CATTLE/ CETACEA/ COMPARATIVE STUDY/ DENSITOMETRY/ DOGS/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, DISK, instrumentation/ *HEPARIN, analysis/ HUMAN/ INTESTINAL MUCOSA, analysis/ LIVER, analysis/ LUNG, analysis/ METHODS/ MICROCHEMISTRY/ POLYSACCHARIDES/ RATS/ SHEEP/ SKIN, analysis/ SWINE

3643. **Jaroszewski J:** Immunologiczne aspekty stymulacji nieswoistej limfocyta.
Acta Haematol Pol 2:265-76, Jul-Sep 71 (98 ref.) (Pol)
ANTIBODIES/ ANTIBODY PRODUCING CELLS/ ANTIGENS/ BONE MARROW, immunology/ GLUCOSIDASE, physiology/ HUMAN/ IMMUNE TOLERANCE/ LYMPHATIC SYSTEM, immunology/ LYMPHOCYTE TRANSFORMATION, drug effects/ LYMPHOCYTES, drug effects/ LYMPHOCYTES, enzymology/ LYMPHOCYTES, immunology/ LYMPHOCYTES, physiology/ MITOSIS/ NEURAMINIDASE, physiology/ PLANT AGGLUTININS, pharmacodynamics/ REVIEW/ TIME FACTORS/ TRYPSIN, physiology

3644. **Jarvis AW, Lawrence RC:** Production of extracellular enzymes and enterotoxins A, B, and C by Staphylococcus aureus.
Infect Immun 4:110-5, Aug 71
BACTERIAL PROTEINS, analysis/ DEOXYRIBONUCLEASE, analysis/ DEOXYRIBONUCLEASE, biosynthesis/ ENTEROTOXINS, analysis/ *ENTEROTOXINS, biosynthesis/ EXTRACELLULAR SPACE, analysis/ GEL DIFFUSION TESTS/ HEMOLYSINS, biosynthesis/ LIPASE, analysis/ LYSOGENY/ MICROBIAL SENSITIVITY TESTS/ MURAMIDASE, analysis/ MURAMIDASE, biosynthesis/ PENICILLIN, pharmacodynamics/ PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, biosynthesis/ STAPHYLOCOCCUS, drug effects/ STAPHYLOCOCCUS, enzymology/ *STAPHYLOCOCCUS, metabolism/ TIME FACTORS

3645. **Jarząb G:** Kriochirurgia w leczeniu naczyniaków krwionośnych.
Pol Tyg Lek 27:2025-8, 18 Dec 72 (Pol)
ADOLESCENCE/ ADULT/ CHILD/ *CRYOGENIC SURGERY/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, surgery/ HUMAN/ LIP NEOPLASMS, surgery/ MALE/ MIDDLE AGE/ *MOUTH NEOPLASMS, surgery/ TONGUE NEOPLASMS, surgery

3646. **Jash DK:** Epistaxis--topical use of epsilon-aminocaproic acid in its management.
J Laryngol Otol 58:895-8, Sep 73
AEROSOLS/ *AMINOCAPROIC ACID, administration & dosage/ AMINOCAPROIC ACID, therapeutic use/ ANTICOAGULANTS, adverse effects/ EPISTAXIS, chemically induced/ *EPISTAXIS, drug therapy/ HUMAN/ HYPERTENSION, drug therapy/ TELANGIECTASIA, HEREDITARY HEMORRHAGIC, drug therapy

3647. **Jasiński Z, Kupś J, Gozdowski M:** Zapobieganie krwawieniom po wyłuszczeniu gruczolaka stercza w oparciu o badania tromboelastograficzne (T.E.G.) i leczenie kwasem epsilenominokapronowym (EACA.
Pol Przegl Chir 44:Suppl:1599-602, Oct 72 (Pol)
*AMINOCAPROIC ACID, therapeutic use/ BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION DISORDERS, drug therapy/ ENGLISH ABSTRACT/ *HEMORRHAGE, prevention & control/ HUMAN/ MALE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *PROSTATIC HYPERTROPHY, surgery/ *THROMBELASTOGRAPHY

3648. **Jasonni V, Marzocchi GF, Nofrini U, et al:** Il collageno come materiale di sutura nell'aorta addominale di maiali in accrescimento.
Boll Soc Ital Biol Sper 48:334-6, 30 Jun 72 (Ita)
ANIMAL EXPERIMENTS/ *AORTA, ABDOMINAL, surgery/ *COLLAGEN/ FEMALE/ HEPARIN/ METHODS/ SUTURE TECHNICS/ *SUTURES/ SWINE

3649. **Jasper DE:** Thermostable nuclease production by staphylococci in milk samples from bovine mastitis.
Am J Vet Res 34:445-6, Mar 73
ANIMAL EXPERIMENTS/ CATTLE/ COAGULASE, metabolism/ *DEOXYRIBONUCLEASE, biosynthesis/ FEMALE/ HEAT/ HEMOLYSINS, biosynthesis/ *MASTITIS, BOVINE, microbiology/ *MILK, microbiology/ *STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, growth & development/ STAPHYLOCOCCUS, isolation & purification

3650. **Jatlow P:** Ultraviolet spectrophotometric analysis of barbiturates: evaluation of potential interferences.
Am J Clin Pathol 59:167-73, Feb 73
ACETAMINOPHEN, blood/ *BARBITURATES, blood/ BISHYDROXYCOUMARIN, blood/ CHLOROTHIAZIDE, blood/ CHLORPROPAMIDE, blood/ DIPHENYLHYDANTOIN, blood/ HUMAN/ METHODS/ NICOTINIC ACID, blood/ OXYPHENBUTAZONE, blood/ PHENACETIN, blood/ PHENINDIONE, blood/ PHENOBARBITAL, blood/ PHENYLBUTAZONE, blood/ SALICYLIC ACID, blood/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SULFAMETHOXAZOLE, blood/ SULFINPYRAZONE, blood/ SULFISOXAZOLE, blood/ THEOBROMINE, blood/ THEOPHYLLINE, blood/ WARFARIN, blood

3651. **Jay AW, Rowlands S, Skibo L:** The resistance to blood flow in the capillaries.
Can J Physiol Pharmacol 50:1007-13, Oct 72
ADULT/ *CAPILLARY RESISTANCE/ ERYTHROCYTES/ *HEMODYNAMICS/ HEPARIN/ HUMAN/ KINETICS/ PHOTOMICROGRAPHY/ PHYSIOLOGY, instrumentation/ PRESSURE/ VISCOSITY

3652. **Jean DH, Guth L, Albers RW:** Neural regulation of the structure of myosin.
Exp Neurol 38:458-71, Mar 73
ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ CALCIUM ISOTOPES/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, STARCH GEL/ FEMALE/ *MUSCLE CONTRACTION/ MUSCLE DENERVATION/ *MUSCLE PROTEINS, biosynthesis/ MUSCLES, enzymology/ *MUSCLES, metabolism/ MYOSIN, biosynthesis/ *PERONEAL NERVE, physiology/ RATS/ TRYPSIN, metabolism

3653. **Jeckel D, Anders R, Pfleiderer G:** Kinetik der Trypsinverdauung von nativer Lactat-Dehydrogenase aus Schweineherzmuskel.
Hoppe Seylers Z Physiol Chem 353:719, May 72 (Ger)
ALKALIES/ CHEMISTRY/ KINETICS/ *LACTATE DEHYDROGENASE, metabolism/ *MYOCARDIUM, enzymology/ SWINE/ *TRYPSIN, metabolism

3654. **Jedrychowski A, Hillenbrand P, Ajdukiewicz AB, et al:** Fibrinolysis in cholestatic jaundice.
Br Med J 1:640-2, 17 Mar 73
ADULT/ AGED/ BILE DUCT NEOPLASMS, blood/ BILE DUCT NEOPLASMS, surgery/ *CHOLESTASIS, blood/ CHOLESTASIS, metabolism/ COMMON BILE DUCT/ FEMALE/ FIBRIN, analysis/ FIBRINOGEN, analysis/ FIBRINOLYSIN, antagonists & inhibitors/ *FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, antagonists & inhibitors/ HUMAN/ LIPIDS, metabolism/ LIVER CIRRHOSIS, OBSTRUCTIVE, blood/ LIVER FUNCTION TESTS/ MALE/ MIDDLE AGE/ PALLIATIVE TREATMENT/ PANCREATIC NEOPLASMS, blood/ PANCREATIC NEOPLASMS, surgery/ PLASMINOGEN, blood/ POSTOPERATIVE COMPLICATIONS/ THROMBOPHLEBITIS, etiology/ TRIGLYCERIDES, blood

3655. **Jedrychowski A, Parbhoo S, Hillenbrand P:** Inhibition

of fibrinolysis in extracorporeal pig liver perfusion.
Scand J Gastroenterol 7:551-4, 1972
ANIMAL EXPERIMENTS/ EXTRACORPOREAL CIRCULATION/ *FIBRINOLYSIS/ *FIBRINOLYTIC AGENTS, antagonists & inhibitors/ HEMORRHAGE, prevention & control/ *LIVER, metabolism/ PERFUSION/ SWINE

3656. **Jeejeebhoy KN, Bruce-Robertson A, Ho J, et al:** The effect of cortisol on the synthesis of rat plasma albumin, fibrinogen and transferrin.
Biochem J 130:533-8, Nov 72
AMINO ACIDS, administration & dosage/ AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CARBONATES, metabolism/ DEPRESSION, CHEMICAL/ *FIBRINOGEN, biosynthesis/ *HYDROCORTISONE, pharmacodynamics/ INJECTIONS, INTRAPERITONEAL/ IODINE ISOTOPES/ LIVER, drug effects/ LIVER, metabolism/ MALE/ RATS/ *SERUM ALBUMIN, biosynthesis/ STIMULATION, CHEMICAL/ TIME FACTORS/ TRANSFERRIN, biosynthesis

3657. **Jeejeebhoy KN, Bruce-Robertson A, Ho J, et al:** The comparative effects of nutritional and hormonal factors on the synthesis of albumin, fibrinogen and transferrin. Ciba Found Symp 9:217-47, 1972
ALCOHOL, ETHYL, antagonists & inhibitors/ *ALCOHOL, ETHYL, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANIMAL NUTRITION/ BLOOD PROTEINS, isolation & purification/ BLOOD PROTEINS, metabolism/ CARBON ISOTOPES/ CHROMATOGRAPHY, ION EXCHANGE/ *DIETARY PROTEINS, administration & dosage/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRINOGEN, biosynthesis/ GEL FILTRATION/ GLYCOPROTEINS, biosynthesis/ *HYDROCORTISONE, pharmacodynamics/ PROTEIN DEFICIENCY, blood/ PROTEIN HYDROLYSATES, pharmacodynamics/ PROTEINS, metabolism/ RATS/ RNA, MESSENGER, biosynthesis/ *SERUM ALBUMIN, biosynthesis/ *SOMATOTROPIN, pharmacodynamics/ *TRANSFERRIN, biosynthesis/ TRYPTOPHAN, pharmacodynamics

3658. **Jeejeebhoy KN, Phillips MJ, Bruce-Robertson A, et al:** The acute effect of ethanol on albumin, fibrinogen and transferrin synthesis in the rat.
Biochem J 126:1111-24, Mar 72
ADMINISTRATION, ORAL/ ALCOHOL, ETHYL, administration & dosage/ *ALCOHOL, ETHYL, pharmacodynamics/ AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *FIBRINOGEN, biosynthesis/ IODINE ISOTOPES/ IRON ISOTOPES/ LIVER, drug effects/ LIVER, pathology/ MALE/ MICROSCOPY, ELECTRON/ RATS/ *SERUM ALBUMIN, biosynthesis/ *TRANSFERRIN, biosynthesis

3659. **Jelenko C 3d, Davis LP:** A transverse lower abdominal appendectomy incision with minimal muscle derangement. Surg Gynecol Obstet 136:451-2, Mar 73
ABDOMINAL WALL, surgery/ ANTICOAGULANTS, therapeutic use/ *APPENDECTOMY/ HEMORRHAGE, prevention & control/ HUMAN/ METHODS/ SUTURE TECHNICS

3660. **Jeleńska MM, Dancewicz AM:** Effect of ionizing radiation on the reactivity of epsilon-amino groups in tropocollagen. Acta Biochim Pol 19:341-6, 1972
*AMINES, metabolism/ ANIMAL EXPERIMENTS/ CHEMISTRY/ ELECTROPHORESIS, DISK/ FLUORENES, metabolism/ METHODS/ NITROBENZENES, metabolism/ PROTEIN CONFORMATION/ RADIATION DOSAGE/ *RADIATION EFFECTS/ RATS/ SCHIFF BASES/ *TROPOCOLLAGEN, radiation effects/ TRYPSIN, metabolism

3661. **Jencks WP:** Structure-reactivity correlations and general acid-base catalysis in enzymic transacylation reactions.
Cold Spring Harbor Symp Quant Biol 36:1-11, 1971
ACETYLTRANSFERASES/ ACYLATION/ *ACYLTRANSFERASES/ ALCOHOLS/ AMIDES/ AMINES/ ANILIDES/ CATALYSIS/ CHEMISTRY/ CHYMOTRYPSIN/ ESTERASES/ ESTERS/ KINETICS/ MATHEMATICS/ MODELS, CHEMICAL/ PEPSIN/ PHENOLS/ *STRUCTURE-ACTIVITY RELATIONSHIP

3662. **Jenkins CS, Caen JP, Vainer H, et al:** Inhibition of adenosine uptake by platelets.
Nature [New Biol] 239:210-1, 18 Oct 72
ADENINE, pharmacodynamics/ ADENOSINE, antagonists & inhibitors/ *ADENOSINE, metabolism/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ BUFFERS/ CARBON ISOTOPES/ DIPYRIDAMOLE, pharmacodynamics/ DRUG SYNERGISM/ HUMAN/ HYPOXANTHINES, pharmacodynamics/ IN VITRO/ *INOSINE, pharmacodynamics/ URIC ACID, pharmacodynamics

3663. **Jenkins CS, Packham MA, Guccione MA, et al:** Modification of platelet adherence to protein-coated surfaces. J Lab Clin Med 81:280-90, Feb 73
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ANTIMYCIN A, pharmacodynamics/ ASPIRIN, pharmacodynamics/ CAFFEINE, pharmacodynamics/ CARBON ISOTOPES/ *FIBRINOGEN/ *GAMMA GLOBULIN/ GLASS/ IODINE ISOTOPES/ IODOACETATES, pharmacodynamics/ PHENYLBUTAZONE, pharmacodynamics/ *PLATELET ADHESIVENESS, drug effects/ PROSTAGLANDINS, pharmacodynamics/ PYRIMIDINES, pharmacodynamics/ SEROTONIN/ *SERUM ALBUMIN, BOVINE/ SULFINPYRAZONE, pharmacodynamics/ SWINE

3664. **Jenkins DE Jr:** Diagnostic tests for paroxysmal nocturnal hemoglobinuria. Ser Haematol 5:24-41, 1972
CIRCADIAN RHYTHM/ *HEMOGLOBINURIA, PAROXYSMAL, diagnosis/ HEMOLYSIS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ SERODIAGNOSIS/ SUCROSE/ TEMPERATURE/ THROMBIN

3665. **Jenkins T, Nurse GT, Buchanan N, et al:** Genetic counselling. A comparison of two techniques in the detection of Negro carriers of haemophilia.
S Afr Med J 47:1185-8, 14 Jul 73
ALLELES/ COMPARATIVE STUDY/ ELECTROPHORESIS, STARCH GEL/ FACTOR VIII, analysis/ FEMALE/ *GENETIC COUNSELING/ GLUCOSEPHOSPHATE DEHYDROGENASE, blood/ *HEMOPHILIA, diagnosis/ HEMOPHILIA, familial & genetic/ HEMOPHILIA, occurrence/ *HETEROZYGOTE/ HUMAN/ ISOENZYMES, blood/ LINKAGE (GENETICS)/ MALE/ *NEGROID RACE/ NEUTRALIZATION TESTS/ PEDIGREE/ SOUTH AFRICA

3666. **Jennings HJ, Martin A, Kenny CP, et al:** Cross-protective antigens of Neisseria meningitidis obtained from Slaterus group Y.
Infect Immun 5:547-51, Apr 72
ANIMAL EXPERIMENTS/ ANTIBODIES, BACTERIAL/ *ANTIGENS, BACTERIAL, analysis/ CALCIUM CHLORIDE/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ CROSS REACTIONS/ FREEZE DRYING/ GEL DIFFUSION TESTS/ HYDROLYSIS/ IMMUNITY, CELLULAR/ IMMUNOELECTROPHORESIS/ MALE/ MICE/ MICE, INBRED C57BL/ *NEISSERIA MENINGITIDIS, immunology/ TIME FACTORS/ TRYPSIN

3667. **Jensen AH, Josso F, Zamet P, et al:** Evolution of blood clotting factor leves in premature infants during the first 10 days of life: a study of 96 cases with comparison between clinical status and blood clotting factor levels. Pediatr Res 7:638-44, Jul 73
AGE FACTORS/ *BLOOD COAGULATION FACTORS, analysis/ CAPILLARIES/ CENTRAL

NERVOUS SYSTEM DISEASES, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FACTOR V, analysis/ FACTOR VII, analysis/ FACTOR X, analysis/ FIBRINOGEN, analysis/ GESTATIONAL AGE/ HEMATOCRIT/ HEMORRHAGE, etiology/ HUMAN/ HYALINE MEMBRANE DISEASE, blood/ INFANT, NEWBORN/ *INFANT, PREMATURE/ *INFANT, PREMATURE, DISEASES, blood/ MICROCHEMISTRY/ RESPIRATORY DISTRESS SYNDROME, blood/ VITAMIN K, therapeutic use

3668. **Jensen DP, Brubaker LH, Nolph KD, et al:** Hemodialysis coil-induced transient neutropenia and overshoot neutrophilia in normal man. Blood 41:399-408, Mar 73
ADULT/ *AGRANULOCYTOSIS, etiology/ HEMATOPOIESIS/ *HEMODIALYSIS/ HEPARIN/ HODGKIN'S DISEASE, blood/ HUMAN/ ISOFLUROPHATE, metabolism/ KIDNEY, ARTIFICIAL/ LEUKOCYTE COUNT/ MALE/ MONOCYTES/ *NEUTROPHILS/ PHOSPHORUS ISOTOPES/ TIME FACTORS/ UREMIA, therapy

3669. **Jensen OM:** Trombocytopeni efter behandling med karbamazepin (Tegretol.
Ugeskr Laeger 134:1442-3, 3 Jul 72 (Dan)
*CARBAMAZEPINE, adverse effects/ CASE REPORT/ FEMALE/ HUMAN/ MIDDLE AGE/ *THROMBOPENIA, chemically induced

3670. **Jeppsson S, Laurell CB, Rannevik G:** Plasma proteins after use of estrogen and-or progestogen in women with and without recurrent cholestasis during previous pregnancies.
Scand J Clin Lab Invest 31:33-6, Jan 73
*BLOOD PROTEINS/ C-REACTIVE PROTEIN, metabolism/ CERULOPLASMIN, metabolism/ *CHLORMADINONE, pharmacodynamics/ *CHOLESTASIS, blood/ CHOLESTASIS, complications/ CHYMOTRYPSIN, antagonists & inhibitors/ FEMALE/ FIBRINOGEN, metabolism/ HUMAN/ *MESTRANOL, pharmacodynamics/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ SERUM ALBUMIN/ SERUM GLOBULINS, metabolism

3671. **Jergil B:** Protein kinase from rainbow-trout-testis ribosomes. Partial purification and characterization.
Eur J Biochem 28:546-54, 4 Aug 72
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ ANIMAL EXPERIMENTS/ CELL FRACTIONATION/ CHROMATOGRAPHY, ION EXCHANGE/ DITHIOTHREITOL/ ELECTROPHORESIS, PAPER/ HISTONES/ HYDROLYSIS/ KINETICS/ LIVER, enzymology/ MAGNESIUM/ MALE/ *PHOSPHOTRANSFERASES, isolation & purification/ POTASSIUM CHLORIDE/ PROTAMINES/ PROTEINS/ PROTEINS, analysis/ RIBOSOMES/ *RIBOSOMES, enzymology/ *SALMONIDAE/ STIMULATION, CHEMICAL/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TESTIS, enzymology

3672. **Jesty J, Esnouf MP:** The preparation of activated factor X and its action on prothrombin.
Biochem J 131:791-9, Apr 73
BLOOD COAGULATION TESTS/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ DIALYSIS/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ FACTOR X, isolation & purification/ *FACTOR X, metabolism/ HYDROGEN-ION CONCENTRATION/ *PROTHROMBIN, metabolism/ SNAKES/ SODIUM DODECYL SULFATE/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TIME FACTORS/ ULTRACENTRIFUGATION/ VENOMS

3673. **Jetten AM, Vogels GD:** Nature and properties of a Staphylococcus epidermidis bacteriocin.
J Bacteriol 112:243-50, Oct 72
ADSORPTION/ AMINO ACIDS, analysis/ BACTERIAL PROTEINS, analysis/ *BACTERIOCINS/ BACTERIOCINS, analysis/ BACTERIOCINS, metabolism/ BACTERIOCINS, pharmacodynamics/ CARBOHYDRATES, analysis/ CELL MEMBRANE, metabolism/ CELL WALL, metabolism/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ CHYMOTRYPSIN, pharmacodynamics/ DRUG RESISTANCE, MICROBIAL/ GRAM NEGATIVE BACTERIA, drug effects/ GRAM POSITIVE BACTERIA, drug effects/ HEAT/ L FORMS, drug effects/ LIPIDS, analysis/ PRONASE, pharmacodynamics/ SPECIES SPECIFICITY/ *STAPHYLOCOCCUS/ STAPHYLOCOCCUS, analysis/ STAPHYLOCOCCUS, drug effects/ TRYPSIN, pharmacodynamics

3674. **Jewett JF:** Coagulopathy syndrome due to streptococci.
N Engl J Med 289:43-4, 5 Jul 73
ADULT/ AUTOPSY/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ FEMALE/ HUMAN/ PREGNANCY/ *PUERPERAL INFECTION, complications/ PUERPERAL INFECTION, pathology/ SEPTICEMIA, complications/ SEPTICEMIA, etiology/ *STREPTOCOCCAL INFECTIONS, complications/ STREPTOCOCCAL INFECTIONS, pathology/ STREPTOCOCCUS PYOGENES, isolation & purification

3675. **Jeyasingh K, Glass HI, Hills NH, et al:** Criteria in radioisotope detection of venous thrombosis.
Br Med J 3:500-3, 26 Aug 72
DIAGNOSTIC ERRORS/ *FIBRINOGEN, diagnostic use/ FIBRINOGEN, metabolism/ HUMAN/ *IODINE ISOTOPES, DIAGNOSTIC/ LEG/ METHODS/ POSTOPERATIVE COMPLICATIONS, diagnosis/ RADIOMETRY/ STATISTICS/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, metabolism

3676. **Jeřková Z:** Frozen human plasma and bacterial contamination. Blut 25:249-54, Oct 72
AEROBACTER, isolation & purification/ BACILLUS ANTHRACIS, isolation & purification/ BACILLUS SUBTILIS, isolation & purification/ *BLOOD PRESERVATION/ BLOOD PROTEINS/ BLOOD TRANSFUSION/ CELL SURVIVAL/ CORYNEBACTERIUM, isolation & purification/ ESCHERICHIA COLI, isolation & purification/ FREEZING/ *GRAM NEGATIVE BACTERIA, isolation & purification/ HUMAN/ NEISSERIA, isolation & purification/ *PLASMA, microbiology/ PSEUDOMONAS, isolation & purification/ SARCINA, isolation & purification/ SERRATIA, isolation & purification/ SPORES, BACTERIAL, physiology/ STAPHYLOCOCCUS, isolation & purification/ TEMPERATURE/ TIME FACTORS

3677. **Jeřková Z:** Zmrazení lidská plazma a bakteriální kontaminace.
Cas Lek Cesk 111:1029-32, 27 Oct 72 (Cze)
*BACTERIA, isolation & purification/ *BLOOD PRESERVATION/ ENGLISH ABSTRACT/ FREEZING/ HUMAN/ *PLASMA, microbiology/ SPORES, BACTERIAL, isolation & purification

3678. **Jezuita J, Skrzydlewski Z:** Beta-lipoproteidy w surowicy i aktywność fibrynolityczna osocza u kobiet z różną utratą poporodową krwi.
Wiad Lek 26:719-23, 15 Apr 73 (Pol)
ADULT/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIS/ *HEMORRHAGE, POSTPARTUM, blood/ HUMAN/ *LIPOPROTEINS, blood/ PREGNANCY

3679. **Jha BK, Jadav SS:** Haemostatic aberrations in orthopaedic practice.
J Indian Med Assoc 59:115-7, 1 Aug 72
ADULT/ CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ *CHRISTMAS DISEASE, complications/ *HEMARTHROSIS, etiology/ *HEMOPHILIA, complications/ HUMAN/ MALE

3680. **Jiji RM, Willis E, Mallin BA:** Acquired inhibitor of antihemophilic globulin (Factor VIII) in an orthopaedic patient. A case report.
J Bone Joint Surg [Am] 54:417-22, Mar 72

ACHILLES TENDON, surgery/ *ANTIBODIES/ BLOOD TRANSFUSION/ CASE REPORT/ *CLUBFOOT, surgery/ DISARTICULATION/ *FACTOR VIII, therapeutic use/ HEMATOMA/ *HEMOPHILIA, immunology/ HEMORRHAGE, prevention & control/ HISTORY OF MEDICINE, 15TH CENT./ HUMAN/ KNEE JOINT/ MALE/ POSTOPERATIVE COMPLICATIONS/ SURGICAL WOUND INFECTION

3681. **Jingu K, Katayama J, Takahashi M, et al:** [Case of Maffucci's syndrome]
Jap J Clin Radiol 18:281-6, Apr 73 (Jap)
ADENOMA, CHROMOPHOBE, complications/ ADULT/ ANGIOMATOSIS, complications/ *ANGIOMATOSIS, radiography/ DYSCHONDROPLASIA, complications/ *DYSCHONDROPLASIA, radiography/ HUMAN/ MALE/ PITUITARY NEOPLASMS, complications/ SYNDROME

3682. **Jipp P, Bruhn HD, Fürniss H:** Blutgerinnung und Fibrinolyse bei arteriosklerotischen Verschlüssen der Extremitätenarterien.
Klin Wochenschr 50:689-95, 15 Jul 72 (Ger)
AORTA/ ARTERIES/ *ARTERIOSCLEROSIS OBLITERANS, blood/ *BLOOD COAGULATION/ BLOOD PLATELETS/ *CEPHALINS, blood/ CLOT RETRACTION/ ENGLISH ABSTRACT/ *ETHANOLAMINES, blood/ FACTOR XII, metabolism/ FEMALE/ FEMORAL ARTERY/ *FIBRINOLYSIS/ HEMAGGLUTINATION TESTS/ HUMAN/ ILIAC ARTERY/ MALE/ MIDDLE AGE/ PLATELET ADHESIVENESS/ POPLITEAL ARTERY/ PROTHROMBIN TIME/ *SERUM GLOBULINS, analysis

3683. **Jipp P, Ravens KG, Joraschky W:** Plasmaphosphatidmuster während der Infarktheilung.
Arzneim Forsch 22:1833-5, Oct 72 (Ger)
ANTICOAGULANTS, therapeutic use/ CEPHALINS, blood/ CHROMATOGRAPHY, THIN LAYER/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LECITHINS, blood/ LYSOLECITHIN, blood/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, drug therapy/ PHOSPHOLIPIDS, analysis/ *PHOSPHOLIPIDS, blood/ SPHINGOMYELINS, blood/ STREPTOKINASE, therapeutic use/ TIME FACTORS

3684. **Joder F, Laborit G:** Remplissage vasculaire par l'association d'un soluté sodé équilibré et d'une gélatine fluide modifiée.
Agressologie 13:135-42, 1972 (Fre)
BLOOD VOLUME DETERMINATION/ ELECTROLYTES, blood/ ENGLISH ABSTRACT/ FEVER, etiology/ *GELATIN/ HEMOSTASIS/ HUMAN/ METHODS/ MICROCIRCULATION, drug effects/ PERFUSION/ PLASMA, analysis/ *PLASMA SUBSTITUTES/ PLASMA SUBSTITUTES, analysis/ SHOCK THERAPY/ *SODIUM

3685. **Joekes AM, Gabriel JR, Goggin MJ:** Renal disease following prophylactic inoculation.
Nephron 9:162-70, 1973
ADOLESCENCE/ ADULT/ BLOOD PROTEINS, analysis/ CHILD/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ GLOMERULONEPHRITIS, drug therapy/ *GLOMERULONEPHRITIS, etiology/ GLOMERULONEPHRITIS, immunology/ GLOMERULONEPHRITIS, pathology/ HEMODIALYSIS/ HEPARIN, therapeutic use/ HUMAN/ IMMUNIZATION, SECONDARY, adverse effects/ IMMUNOGLOBULINS, analysis/ IMMUNOLOGIC DISEASES, drug therapy/ *IMMUNOLOGIC DISEASES, etiology/ IMMUNOLOGIC DISEASES, pathology/ KIDNEY, pathology/ MALE/ MIDDLE AGE/ *PARATYPHOID FEVERS, prevention & control/ PREDNISOLONE, therapeutic use/ RESPIRATORY FUNCTION TESTS/ *TYPHOID, prevention & control/ *TYPHOID-PARATYPHOID VACCINES, adverse effects/ *VACCINATION, adverse effects

3686. **Joffe SN:** Idiopathic thrombocytopenic purpura.
S Afr J Surg 11:91-2, Jun 73
ADULT/ CASE REPORT/ HUMAN/ MALE/ *PURPURA, THROMBOPENIC, therapy/ SPLENECTOMY

3687. **Johannin G, Kellersohn N:** An estimate of intraproteic electrostatic fields values originated by the peptide groups in -chymotrypsin.
Biochem Biophys Res Commun 49:321-7, 17 Oct 72
BINDING SITES/ CHEMISTRY, PHYSICAL/ *CHYMOTRYPSIN

3688. **Johannsen U, Kronberger H, Zintzsch I:** Vergleichende Untersuchungen zur Pathologie und Pathogenese der spontanen Kolienterotoxämie und des experimentellen Koliendotoxinsyndroms der Schweine. 2. Darstellung und Auswertung der pathophysiologischen Untersuchungen bei Schweinen nach intravenöser Toxindauertropfinfusion.
Arch Exp Veterinaermed 26:395-430, 1972 (Ger)
ANIMAL EXPERIMENTS/ BLOOD PLATELETS/ *EDEMA DISEASE OF SWINE, physiopathology/ ELECTROCARDIOGRAPHY/ ENDOTOXINS, administration & dosage/ ENGLISH ABSTRACT/ EOSINOPHILS/ ERYTHROCYTES/ ESCHERICHIA COLI INFECTIONS, physiopathology/ *ESCHERICHIA COLI INFECTIONS, veterinary/ FEVER/ HEMATOCRIT/ HEMOGLOBIN/ HYPOTENSION/ INFUSIONS, PARENTERAL/ LEUKOPENIA/ RESPIRATION/ SHOCK, ENDOTOXIC, mortality/ SHOCK, ENDOTOXIC, physiopathology/ *SHOCK, ENDOTOXIC, veterinary/ SWINE

3689. **Johansen TS, Baden H:** Re-appraisal of the Sengstaken-Blakemoore ballon tamponade for bleeding esophageal varices; results in 91 patients.
Scand J Gastroenterol 8:181-3, 1973
ADULT/ AGED/ ESOPHAGEAL VARICES, complications/ *ESOPHAGEAL VARICES, therapy/ FEMALE/ HEMORRHAGE, GASTROINTESTINAL, etiology/ *HEMORRHAGE, GASTROINTESTINAL, therapy/ *HEMOSTASIS/ HEMOSTASIS, mortality/ HUMAN/ LIVER CIRRHOSIS, complications/ MALE/ MIDDLE AGE/ RECURRENCE/ RETROSPECTIVE STUDIES/ *TAMPONS

3690. **Johansson A, Lundberg J, Mattiasson B, et al:** The application of immobilized enzymes in flow microcalorimetry.
Biochim Biophys Acta 304:217-21, 30 Mar 73
ACRYLAMIDES/ ARGININE/ BENZOATES/ *CALORIMETRY/ CALORIMETRY, instrumentation/ COMPARATIVE STUDY/ *ENZYMES/ ESTERS/ EVALUATION STUDIES/ HEAT/ METHODS/ MICROCHEMISTRY/ MICROSPHERES/ RHEOLOGY/ SOY BEANS/ TRYPSIN/ TRYPSIN INHIBITORS

3691. **Johansson BW, Senturia JB:** Seasonal variations in the physiology and biochemistry of the European hedgehog (Erinaceus europaeus) including comparisons with non-hibernators, guinea-pig and man. Acta Physiol Scand [Suppl] 380:1-159, 1972
ADAPTATION, PHYSIOLOGICAL/ ADRENAL GLANDS/ ANIMAL EXPERIMENTS/ BIOLOGICAL CLOCKS/ BODY COMPOSITION/ BODY TEMPERATURE/ BODY WEIGHT/ BROWN FAT, metabolism/ CARBOHYDRATES, metabolism/ ENZYMES, blood/ EPINEPHRINE, metabolism/ FEMALE/ FIBRINOLYSIS/ GUINEA PIGS/ HEART, physiology/ HEART RATE/ *HEDGEHOGS/ HUMAN/ LIPIDS, metabolism/ LIPOPROTEINS, metabolism/ LIVER, physiology/ MALE/ NOREPINEPHRINE, metabolism/ PHYSIOLOGY, COMPARATIVE/ *SEASONS/ SEX FACTORS/ SYMPATHETIC NERVOUS SYSTEM, physiology

3692. **Johansson C, Lagerlöf HO, Ekelund K, et al:** Studies of

gastrointestinal interactions. 3. Determination of gastric secretion and evacuation, biliary and pancreactic secretion, intestinal absorption, intestinal transit time and flow of water in man. Scand J Gastroenterol 7:489-99, 1972
ADULT/ AMYLASE, analysis/ BILE, secretion/ CARBOHYDRATES, metabolism/ DIETARY CARBOHYDRATES, metabolism/ DIETARY FATS, metabolism/ DIETARY PROTEINS, metabolism/ GASTRIC JUICE, secretion/ GASTROINTESTINAL MOTILITY/ GASTROINTESTINAL SYSTEM, metabolism/ *GASTROINTESTINAL SYSTEM, physiology/ HUMAN/ INTESTINAL ABSORPTION/ INTUBATION, GASTROINTESTINAL/ LIPASE, analysis/ LIPIDS, metabolism/ MALE/ OSMOLAR CONCENTRATION/ PANCREATIC JUICE, enzymology/ PANCREATIC JUICE, secretion/ TIME FACTORS/ TRYPSIN, analysis/ WATER-ELECTROLYTE BALANCE

3693. **John R, Thomas J:** Chemical compositions of elastins isolated from aortas and pulmonary tissues of humans of different ages. Biochem J 127:261-9, Mar 72
ADOLESCENCE/ ADULT/ AGED/ *AGING/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *AORTA, analysis/ CARBOHYDRATES, analysis/ CHILD, PRESCHOOL/ CLOSTRIDIOPEPTIDASE A/ *ELASTIN, analysis/ ELASTIN, isolation & purification/ GLYCOPROTEINS, analysis/ HUMAN/ INFANT/ *LUNG, analysis/ MIDDLE AGE/ *PLEURA, analysis/ PYRIDINIUM COMPOUNDS, analysis/ SODIUM HYDROXIDE/ TRYPSIN

3694. **Johnson AJ, Streuli F, Hyers T:** Radiographic, haemodynamic and biochemical findings related to the National Heart and Lung Institute's urokinase pulmonary embolism trial. J Clin Pathol 25:646, Jul 72
CLINICAL RESEARCH/ COMPARATIVE STUDY/ FIBRINOGEN, analysis/ *FIBRINOLYTIC AGENTS, therapeutic use/ HEMODYNAMICS/ HEPARIN, therapeutic use/ HUMAN/ PLASMINOGEN, analysis/ PULMONARY EMBOLISM, blood/ *PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, radiography

3695. **Johnson AM:** Alpha 1-antitrypsin and infantile respiratory distress. N Engl J Med 288:523, 8 Mar 73
FIBRINOLYSIN, blood/ HUMAN/ INFANT, NEWBORN/ *RESPIRATORY DISTRESS SYNDROME, enzymology/ *TRYPSIN INHIBITORS, blood

3696. **Johnson BC, Valkovich G:** Glycolipid derivatives of vitamin K 1 .
Biochem Biophys Res Commun 48:1437-43, 26 Sep 72
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CELL-FREE SYSTEM/ CHEMISTRY/ ENDOPLASMIC RETICULUM, analysis/ GLUCOSAMINE, analysis/ *GLYCOLIPIDS, analysis/ HEXOSAMINES, analysis/ HYDRAZINES/ IN VITRO/ LIVER, analysis/ LIVER, cytology/ PYROPHOSPHATASES/ RATS/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRITIUM/ *VITAMIN K, analysis

3697. **Johnson DE, Griep JA, Baehner RL:** Histiocytic leukemia following lifelong infection and thrombocytopenia: histologic, metabolic, and bactericidal studies. J Pediatr 82:664-71, Apr 73
ALKALINE PHOSPHATASE, analysis/ ANEMIA, APLASTIC, complications/ *BACTERIAL INFECTIONS, complications/ BONE MARROW EXAMINATION/ CHILD/ FEMALE/ HISTIOCYTES, analysis/ HISTIOCYTES, enzymology/ HUMAN/ IMMUNOGLOBULINS, analysis/ *LEUKEMIA, MONOCYTIC, etiology/ LEUKOCYTES, analysis/ LIVER, pathology/ LYMPH NODES, pathology/ LYSOSOMES, analysis/ MICROSCOPY, ELECTRON/ PEROXIDASES, analysis/ *PHAGOCYTE BACTERICIDAL DYSFUNCTION/ *PHAGOCYTES, metabolism/ SPLEEN, pathology/ SPLENOMEGALY/ *THROMBOPENIA, complications

3698. **Johnson EA, Brighton WD:** The properties of some 14 C-fluorescein-protein conjugates.
J Immunol Methods 1:91-9, Sep 71
ABSORPTION/ CARBON ISOTOPES/ CATTLE, immunology/ *FLUORESCEINS/ GAMMA GLOBULIN/ HORSES, immunology/ HUMAN/ OVALBUMIN/ PROTAMINES/ *PROTEINS/ RABBITS, immunology/ RADIOMETRY/ SERUM ALBUMIN/ SHEEP, immunology/ SPECTRUM ANALYSIS/ ULTRAVIOLET RAYS

3699. **Johnson FL, Bernstein ID, Hartmann JR, et al:** Seizures associated with vincristine sulfate therapy.
J Pediatr 82:699-702, Apr 73
BLOOD PLATELETS/ BLOOD UREA NITROGEN/ CEREBROSPINAL FLUID PROTEINS, analysis/ CHILD/ CHILD, PRESCHOOL/ *CONVULSIONS, chemically induced/ ELECTROLYTES, blood/ FEMALE/ GLUCOSE, cerebrospinal fluid/ HUMAN/ INJECTIONS, INTRAVENOUS/ LEUKEMIA, drug therapy/ LEUKEMIA, LYMPHOBLASTIC, drug therapy/ LEUKOCYTE COUNT/ LYMPHOMA, drug therapy/ MALE/ MEDIASTINAL NEOPLASMS, drug therapy/ VINCRISTINE, administration & dosage/ *VINCRISTINE, adverse effects

3700. **Johnson M, Ramwell PW:** Prostaglandin modification of membrane-bound enzyme activity: a possible mechanism of action?
Prostaglandins 3:703-19, May 73 (54 ref.)
ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ BINDING SITES/ *BLOOD PLATELETS, enzymology/ CELL MEMBRANE, enzymology/ DEPRESSION, CHEMICAL/ ERYTHROCYTES, enzymology/ HUMAN/ *MITOCHONDRIA, LIVER, enzymology/ MUSCLES, enzymology/ PHOSPHOTRANSFERASES, metabolism/ PROSTAGLANDINS, antagonists & inhibitors/ *PROSTAGLANDINS, pharmacodynamics/ RATS/ REVIEW/ STIMULATION, CHEMICAL

3701. **Johnson P, Smillie LB:** A proposed structure for Streptomyces griseus protease A.
Biochem J 130:36P-37P, Nov 72
AMINO ACID SEQUENCE/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, analysis/ PROTEIN CONFORMATION/ *STREPTOMYCES, enzymology/ STREPTOMYCES GRISEUS

3702. **Johnson RD:** Collaborative study of the determination of menadione sodium bisulfite in injections.
J Assoc Off Anal Chem 54:593-5, May 71
CHROMATOGRAPHY/ DOSAGE FORMS/ EVALUATION STUDIES/ INJECTIONS/ METHODS/ QUALITY CONTROL/ SODIUM, analysis/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SULFITES, analysis/ *VITAMIN K, analysis

3703. **Johnson W:** Ribosomal vaccines. I. Immunogenicity of ribosomal fractions isolated from Salmonella typhimurium and Yersinia pestis.
Infect Immun 5:947-52, Jun 72
ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ ANTIGENS, BACTERIAL, isolation & purification/ BACTERIAL PROTEINS/ *BACTERIAL VACCINES/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY/ IMMUNIZATION/ MALE/ MICE/ PASTEURELLA PESTIS, cytology/ *PASTEURELLA PESTIS, immunology/ PRONASE/ RIBONUCLEASE/ *RIBOSOMES, immunology/ RNA, BACTERIAL, isolation & purification/ RNA, RIBOSOMAL, isolation & purification/ SALMONELLA TYPHIMURIUM, cytology/ *SALMONELLA TYPHIMURIUM, immunology/ SODIUM DODECYL SULFATE/ SPECTROPHOTOMETRY/ SUCROSE/ TIME FACTORS/ TRYPSIN/ ULTRACENTRIFUGATION

3704. **Johnston AE, Radde IC, Nisbet HI, et al:** Effects on divalent cations of a haemodilution technique using ACD blood in paediatric patients undergoing bypass

open-heart operations.
Can Anaesth Soc J 19:498-516, Sep 72
ACIDS/ AGE FACTORS/ *BLOOD TRANSFUSION/ *CALCIUM/ CITRATES/ *EXTRACORPOREAL CIRCULATION/ GLUCOSE/ *HEART DEFECTS, CONGENITAL, surgery/ HEPARIN/ HUMAN/ IONS/ *MAGNESIUM/ METHODS/ *PLASMA SUBSTITUTES/ *WATER-ELECTROLYTE BALANCE

3705. **Johnston AE, Radde IC, Nisbet HI, et al:** Effects of altering calcium in haemodiluted pump primes on sodium and potassium in children undergoing open-heart operations.
Can Anaesth Soc J 19:517-28, Sep 72
BLOOD TRANSFUSION/ *CALCIUM/ *EXTRACORPOREAL CIRCULATION/ *HEART DISEASES, surgery/ HEPARIN/ HUMAN/ IONS/ METHODS/ *PLASMA SUBSTITUTES/ *POTASSIUM/ *SODIUM/ *WATER-ELECTROLYTE BALANCE

3706. **Johnston ID:** The metabolic and endocrine response to injury: a review. Br J Anaesth 45:252-5, Mar 73 (15 ref.)
ADRENAL GLANDS, physiopathology/ ADRENAL MEDULLA, physiopathology/ BLOOD SUGAR/ BODY WEIGHT/ CORTICOTROPIN, blood/ *ENDOCRINE GLANDS, secretion/ EPINEPHRINE, metabolism/ FATTY ACIDS, NONESTERIFIED/ FIBRINOGEN/ HUMAN/ INSULIN, blood/ LIVER CIRCULATION/ PROTEINS, metabolism/ REVIEW/ SERUM ALBUMIN/ SURGERY, OPERATIVE/ THYROID GLAND, physiopathology/ THYROID GLAND FUNCTION TESTS/ *WOUNDS AND INJURIES, metabolism/ WOUNDS AND INJURIES, physiopathology

3707. **Johnston KW, Kakkar VV, Corrigan TP, et al:** An improved electrical impedance technique for the detection of deep-vein thrombosis.
Br J Surg 60:313, Apr 73
*ELECTRIC CONDUCTIVITY/ FIBRINOGEN, diagnostic use/ HUMAN/ IODINE ISOTOPES/ METHODS/ *THROMBOPHLEBITIS, diagnosis/ ULTRASONICS, diagnostic use

3708. **Johnston RR, Cromwell TH, Eger EI 2d, et al:** The toxicity of fluroxene in animals and man.
Anesthesiology 38:313-9, Apr 73
ADRENAL GLANDS, drug effects/ *ANESTHESIA, INHALATION/ ANESTHESIA, INHALATION, veterinary/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, drug effects/ CATS/ DEXTRO AMPHETAMINE, pharmacodynamics/ DOGS/ DRUG INTERACTIONS/ FECES/ FLUROXENE, pharmacodynamics/ *FLUROXENE, toxicity/ GASTROINTESTINAL SYSTEM, drug effects/ HEART, drug effects/ HEMATOCRIT/ HUMAN/ INTESTINAL MUCOSA, drug effects/ KIDNEY, drug effects/ LIVER, drug effects/ LUNG, drug effects/ OCCULT BLOOD/ RABBITS/ SPLEEN, drug effects/ SYMPATHOLYTICS, pharmacodynamics/ SYMPATHOMIMETICS, pharmacodynamics

3709. **Jókay I, Karczag E:** Thrombin-induced 'macrophage disappearance reaction' in mice.
Experientia 29:334-5, 15 Mar 73
ANIMAL EXPERIMENTS/ ASCITIC FLUID, cytology/ CELL COUNT/ CELL MIGRATION INHIBITION/ FIBRINOGEN, analysis/ *HYPERSENSITIVITY, DELAYED/ MACROPHAGES, drug effects/ *MACROPHAGES, immunology/ MALE/ MICE/ MICE, INBRED BALB C/ PERITONEAL CAVITY, analysis/ *THROMBIN, pharmacodynamics

3710. **Joklik WK:** Studies on the effect of chymotrypsin on reovirions. Virology 49:700-15, Sep 72
ADENINE/ CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ CHYMOTRYPSIN, metabolism/ *CHYMOTRYPSIN, pharmacodynamics/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ L CELLS/ MICE/ PEPTIDES, analysis/ PLAQUE ASSAY/ PROTEIN HYDROLYSATES/ REOVIRUS, analysis/ *REOVIRUS, drug effects/ REOVIRUS, enzymology/ REOVIRUS, growth & development/ REOVIRUS, isolation & purification/ REOVIRUS, metabolism/ RNA POLYMERASE, metabolism/ SPECTROPHOTOMETRY/ TRITIUM/ URIDINE/ VIRAL PROTEINS, analysis/ VIRAL PROTEINS, isolation & purification

3711. **Jollès J, Schoentgen F, Alais C, et al:** Studies on the primary structure of cow kappa-casein. Structural features of para-kappa-casein; N-terminal sequence of kappa-caseinoglycopeptide studied with a sequencer. Helv Chim Acta 55:2872-83, 1972
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ *CASEIN/ CATTLE/ CHEMISTRY/ *PEPTIDES/ TRYPSIN

3712. **Jollick JD:** Evidence for bacteriophage conversion in Staphylococcus. Microbios 6:97-100, Sep-Oct 72
ANTIBIOTICS, pharmacodynamics/ BACTERIOLOGICAL TECHNICS/ BACTERIOLYSIS/ CELL SURVIVAL, radiation effects/ COAGULASE, biosynthesis/ *LYSOGENY/ MICROBIAL SENSITIVITY TESTS/ RADIATION EFFECTS/ *STAPHYLOCOCCAL PHAGES/ *STAPHYLOCOCCUS/ STAPHYLOCOCCUS, drug effects/ STAPHYLOCOCCUS, enzymology/ ULTRAVIOLET RAYS

3713. **Jolly H, Wolff OH:** New frontiers in paediatrics. Looking at handicapped children today.
Trans Med Soc Lond 87:14-22, 1971
AFFECTIVE DISTURBANCES, etiology/ ANXIETY/ *CHILD CARE/ CHOLESTEROL, blood/ CHOLESTYRAMINE, therapeutic use/ CLOFIBRATE, therapeutic use/ DIET THERAPY/ ENGLAND/ FEMALE/ *HANDICAPPED/ HOSPITAL NURSERIES/ HUMAN/ HYPERLIPEMIA, ESSENTIAL FAMILIAL, drug therapy/ INFANT/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, diagnosis/ LIPOPROTEINS, blood/ MENTAL DISORDERS/ METABOLISM, INBORN ERRORS/ MONGOLISM, diagnosis/ PARENT-CHILD RELATIONS/ *PEDIATRICS/ PEPTIDE PEPTIDOHYDROLASES/ PHENYLKETONURIA, therapy/ PREGNANCY/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, therapy

3714. **Joly JB, Blayo MC, Gaudebout C:** Intérêt séméiologique et pronostique de la P50 chez les nouveau-nés de moins de 48 heures en détresse vitale.
Bull Physiopathol Respir (Nancy) 8:1323-38, Nov-Dec 72 **(Fre)**
AGE FACTORS/ BLOOD/ CARBON DIOXIDE, blood/ CATHETERIZATION/ EMBOLISM, AMNIOTIC FLUID, physiopathology/ ENGLISH ABSTRACT/ HEART DISEASES, physiopathology/ *HEMOGLOBIN/ HUMAN/ HYALINE MEMBRANE DISEASE, physiopathology/ HYDROGEN-ION CONCENTRATION/ INFANT, NEWBORN/ *OXYGEN, blood/ OXYHEMOGLOBIN/ PARTIAL PRESSURE/ PROGNOSIS/ RESPIRATION, ARTIFICIAL/ *RESPIRATORY DISTRESS SYNDROME, physiopathology/ STATISTICS/ TONOMETRY/ UMBILICAL CORD

3715. **Joly JB, Faussat AM, Chevrie J:** Effet de l'héparine sur le résultat des mesures du pH et des gaz du sang. Etude à deux niveaux de PCO2 et de PO2.
Pediatrie 28:283-9, Apr-May 73 **(Fre)**
ADULT/ *BLOOD GAS ANALYSIS/ *CARBON DIOXIDE, blood/ *HEPARIN, pharmacodynamics/ HUMAN/ *HYDROGEN-ION CONCENTRATION/ *OXYGEN, blood/ PARTIAL PRESSURE

3716. **Jones C, McIntosh N:** A complication of intravenous feeding by catheter. Lancet 1:156, 20 Jan 73
*APNEA, etiology/ *CATHETERIZATION, adverse effects/ FEMALE/ FIBRIN/ HUMAN/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, etiology/ *INFANT NUTRITION/

*PARENTERAL FEEDING, adverse effects/ PULMONARY EMBOLISM, etiology/ *THROMBOSIS, etiology

3717. **Jones CE, Rivers RP, Taghizadeh A:** Disseminated intravascular coagulation and fetal hydrops in a newborn infant in association with a chorangioma of placenta. Pediatrics 50:901-7, Dec 72
BLOOD COAGULATION TESTS/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ EDEMA, complications/ *ERYTHROBLASTOSIS, FETAL, complications/ FEMALE/ HEART ENLARGEMENT, etiology/ *HEMANGIOMA, complications/ HEMANGIOMA, pathology/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, complications/ INFANT, NEWBORN, DISEASES, pathology/ *PLACENTA DISORDERS, complications/ PLACENTA DISORDERS, pathology/ PREGNANCY

3718. **Jones DR, Macintyre IM, Ruckley CV:** Prevention of pulmonary embolism. Br Med J 3:109, 14 Jul 73
*FIBRIN, analysis/ FIBRINOGEN, analysis/ HEMAGGLUTINATION TESTS/ HUMAN/ LATEX FIXATION TESTS/ *PULMONARY EMBOLISM, diagnosis

3719. **Jones GH:** A protein related to immunoglobulin light chain detected in mouse myeloma cells. Biochem Biophys Res Commun 51:88-93, 5 Mar 73
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CELL-FREE SYSTEM/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CYTOPLASM, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GLUTAMINE, metabolism/ HYDROLYSIS/ *IMMUNOGLOBULIN FRAGMENTS/ MICE/ MICROSOMES, metabolism/ MOLECULAR WEIGHT/ *MULTIPLE MYELOMA, metabolism/ *MYELOMA PROTEINS, biosynthesis/ MYELOMA PROTEINS, isolation & purification/ NEOPLASMS, EXPERIMENTAL, metabolism/ PEPTIDES, isolation & purification/ PLASMACYTOMA, metabolism/ RIBOSOMES, metabolism/ SODIUM DODECYL SULFATE/ TRITIUM/ TRYPSIN

3720. **Jones P:** Nursing the haemophiliac. Nurs Mirror 136:33-6, 23 Feb 73
HEMOPHILIA, nursing/ SPECIAL LIST NURSING

3721. **Jones RF, Barnett JA, Gregory CF:** Regional perfusion with antibiotics for chronic bone infections. Arch Surg 106:142-4, Feb 73
ADULT/ *ANTIBIOTICS, administration & dosage/ ANTIBIOTICS, therapeutic use/ CHRONIC DISEASE/ ENTEROBACTERIACEAE INFECTIONS/ FEMALE/ FOLLOW-UP STUDIES/ HEPARIN, therapeutic use/ HUMAN/ LEG/ MALE/ METHODS/ MIDDLE AGE/ *OSTEOMYELITIS, drug therapy/ OSTEOMYELITIS, etiology/ *PERFUSION/ PERFUSION, adverse effects/ PSEUDOMONAS INFECTIONS/ STAPHYLOCOCCAL INFECTIONS/ TEXAS/ THROMBOSIS, prevention & control

3722. **Jones RF, Lingrel JB:** Peptide analysis of the mouse hemoglobin messenger ribonucleic acid-directed products synthesized in mammalian and avian cell-free systems. J Biol Chem 247:7951-5, 25 Dec 72
AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ CARBON ISOTOPES/ CELL-FREE SYSTEM/ CHROMATOGRAPHY, PAPER/ DUCKS/ ELECTROPHORESIS, PAPER/ FORMIC ACIDS/ *GLOBIN, biosynthesis/ GLOBIN, isolation & purification/ GUINEA PIGS/ HEMOGLOBIN, biosynthesis/ HEMOLYSIS/ MICE/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ PEPTIDES, biosynthesis/ PEPTIDES, isolation & purification/ POLYRIBOSOMES, metabolism/ *RETICULOCYTES, metabolism/ *RNA, MESSENGER, metabolism/ SPECIES SPECIFICITY/ TRANSLATION, GENETIC/ TRYPSIN

3723. **Jones RJ:** "The way to a man's heart attack". Ill Med J 144:123-7 passim, Aug 73
AGE FACTORS/ BLOOD PRESSURE/ BODY WEIGHT/ DIET, ATHEROGENIC/ FEMALE/ HUMAN/ MALE/ *MYOCARDIAL INFARCT/ MYOCARDIAL INFARCT, etiology/ MYOCARDIAL INFARCT, mortality/ SEX FACTORS

3724. **Jones RT, Koler RD, Duerst M, et al:** Hemoglobi Casper G8 106 leu leads to pro: further evidence tha hemoglobin mutations are not random. Adv Exp Med Biol 28:79-98, 1972
AMINO ACIDS, analysis/ ANEMIA, HEMOLYTIC, blood/ CHILD/ CHILD, PRESCHOOL/ FETAL HEMOGLOBIN, analysis/ HEAT/ HEINZ BODIES/ *HEMOGLOBINS, ABNORMAL/ HUMAN/ MALE/ *MUTATION/ PEPTIDES, analysis/ PROLINE, metabolism/ SPLENECTOMY/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN, pharmacodynamics

3725. **Jones SE:** Autoimmune disorders and malignant lymphoma. Cancer 31:1092-8, May 73
ADULT/ AGED/ *ANEMIA, HEMOLYTIC, AUTOIMMUNE, complications/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, drug therapy/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, surgery/ COOMBS' TEST/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ *HODGKIN'S DISEASE, immunology/ HUMAN/ *LYMPHOSARCOMA, immunology/ MALE/ MIDDLE AGE/ *PURPURA, THROMBOPENIC, complications/ *SARCOMA, RETICULUM CELL, immunology/ SPLENECTOMY/ SPLENOMEGALY, complications

3726. **Jones WR, Storey B:** Perinatal aspects of matern autoimmune disease. Aust Paediatr J 8:306-10, Dec 7
*AUTOIMMUNE DISEASES, congenital/ FEMALE/ HUMAN/ HYPERTHYROIDISM, congenital/ INFANT, NEWBORN/ LUPUS ERYTHEMATOSUS, SYSTEMIC, congenital/ MYASTHENIA GRAVIS, congenital/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ PURPURA, THROMBOPENIC, congenital/ SCLERODERMA SYSTEMIC, congenital

3727. **Jonsson K:** Renal angiography in patients wit hematuria. Am J Roentgenol Radium Ther Nucl Med 116:758-6 Dec 72
ANEURYSM, radiography/ *ANGIOGRAPHY/ ARTERIOVENOUS MALFORMATIONS, radiography/ BLOOD COAGULATION DISORDERS, radiography/ CYSTITIS, radiography/ FEMALE/ GLOMERULONEPHRITIS, radiography/ HEMANGIOMA, radiography/ HEMATURIA, etiology/ *HEMATURIA, radiography/ HUMAN/ KIDNEY, abnormalities/ KIDNEY DISEASES, radiography/ KIDNEY NEOPLASMS, radiography/ MALE/ MIDDLE AGE/ NEPHRITIS, INTERSTITIAL, radiography/ PHLEBITIS, radiography/ PHLEBOGRAPHY/ PYELONEPHRITIS, radiography/ RENAL ARTERY, abnormalities/ RENAL ARTERY OBSTRUCTION, radiography/ RENAL VEINS, abnormalities/ RETROSPECTIVE STUDIES/ URETHRITIS, radiography/ URINARY CALCULI, radiography

3728. **Joorabchi B, Kohout E:** Apparent penicillin-induc arrest of mature bone marrow elements. Br Med J 2:26-7, 7 Apr 73
*ANEMIA, APLASTIC, chemically induced/ BLOOD PLATELETS, drug effects/ *BONE MARROW CELLS, drug effects/ CHILD/ EOSINOPHILS, drug effects/ ERYTHROCYTE COUNT/ HEMATURIA/ HUMAN/ HYPERPLASIA/ HYPERTENSION/ LYMPHOCYTES, drug effects/ MALE/ NEUTROPHILS, drug effects/ *PENICILLIN, adverse effects/ PENICILLIN,

pharmacodynamics/ PROTEINURIA/ RETICULOCYTES, drug effects/ RHEUMATIC HEART DISEASE

3729. **Jordon GL Jr, Walker LL:** Severe problems with gastric emptying after gastric surgery.
Ann Surg 177:660-8, Jun 73
ADHESIONS, etiology/ *ADHESIONS, surgery/ DUODENUM, surgery/ GASTROINTESTINAL MOTILITY/ GASTROSTOMY/ HERNIA, etiology/ HERNIA, surgery/ HUMAN/ INTESTINAL OBSTRUCTION, etiology/ *INTESTINAL OBSTRUCTION, surgery/ JEJUNUM, surgery/ PANCREATITIS, complications/ PARENTERAL FEEDING/ POSTGASTRECTOMY SYNDROMES, radiography/ *POSTGASTRECTOMY SYNDROMES, surgery/ VAGOTOMY

3730. **Jordan WE Jr:** Primary mesenteric infarction.
J Maine Med Assoc 64:69-71, Apr 73
ABDOMEN, physiopathology/ AGED/ AUTOPSY/ DEHYDRATION, complications/ DIABETES MELLITUS, complications/ FEMALE/ HEMORRHAGE, GASTROINTESTINAL, complications/ HEPARIN, therapeutic use/ HUMAN/ *INFARCTION, diagnosis/ LAPAROTOMY/ MALE/ *MESENTERIC ARTERIES/ *MESENTERIC VASCULAR OCCLUSION/ MIDDLE AGE/ PAIN/ PULMONARY EMPHYSEMA, complications/ SHOCK, SURGICAL, therapy

3731. **Jorgensen EO, Malkasian GD Jr, Webb MJ, et al:** Pilot study evaluating 1,3-bis(2-chloroethyl)-1-nitrosourea in the treatment of advanced ovarian carcinoma.
Am J Obstet Gynecol 116:769-70, 15 Jul 73
CARMUSTINE, administration & dosage/ CARMUSTINE, adverse effects/ *CARMUSTINE, therapeutic use/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ CYCLOPHOSPHAMIDE, administration & dosage/ CYCLOPHOSPHAMIDE, therapeutic use/ FEMALE/ HUMAN/ INJECTIONS, INTRAVENOUS/ OVARIAN NEOPLASMS, classification/ *OVARIAN NEOPLASMS, drug therapy/ THROMBOPENIA, chemically induced/ VOMITING, chemically induced

3732. **Jori GP, Buonanno G:** Chronic hepatitis and cirrhosis of the liver in cryoglobulinaemia. Gut 13:610-3, Aug 72
ADULT/ AGE FACTORS/ ASPARTATE AMINOTRANSFERASE, blood/ *BLOOD PROTEIN DISORDERS, complications/ *CRYOGLOBULINS/ FEMALE/ GEL DIFFUSION TESTS/ *HEPATITIS, complications/ HEPATITIS, immunology/ HUMAN/ IGA, analysis/ IGG, analysis/ IGM, analysis/ *LIVER CIRRHOSIS, complications/ LIVER CIRRHOSIS, immunology/ LIVER FUNCTION TESTS/ MALE/ MIDDLE AGE/ PROTHROMBIN TIME/ RHEUMATOID FACTOR/ SEX FACTORS

3733. **Jörnvall H, Marković O:** Structural studies of alcohol dehydrogenase from rat liver.
Eur J Biochem 29:167-74, 18 Aug 72
*ALCOHOL OXIDOREDUCTASES/ AMINO ACID SEQUENCE/ BINDING SITES/ CHEMISTRY/ CHYMOTRYPSIN/ CYSTEINE/ EVOLUTION/ HORSES/ HUMAN/ ISOENZYMES/ *LIVER, enzymology/ METHYLATION/ MOLECULAR WEIGHT/ PEPTIDES/ RATS/ SPECIES SPECIFICITY/ THERMOLYSIN/ TRYPSIN

3734. **Jörnvall H:** Rat liver alcohol dehydrogenase. Characterisation of alkylated cysteine residues in the carboxy-methylated protein.
FEBS Lett 28:32-5, 15 Nov 72
*ALCOHOL OXIDOREDUCTASES/ ALCOHOL OXIDOREDUCTASES, analysis/ ALKYLATION/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ CYSTEINE, analysis/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ IODOACETATES/ *LIVER, enzymology/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PROTEIN CONFORMATION/ RATS

3735. **Joseph H:** Niveles de productos de degradación de la fibrina en recién nacidos.
Sangre (Barc) 18:45-7, 1973 (Spa)
ENGLISH ABSTRACT/ FEMALE/ *FIBRIN, analysis/ *FIBRINOLYSIS/ HUMAN/ *INFANT, NEWBORN/ PREGNANCY

3736. **Joseph R, Holt SC, Canale-Parola E:** Peptidoglycan of free-living anaerobic spirochetes.
J Bacteriol 115:426-35, Jul 73
ALANINE, analysis/ ANAEROBIOSIS/ CELL WALL/ CELL WALL, analysis/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ DEOXYCHOLIC ACID/ GLUCOSAMINE, analysis/ GLUTAMATES, analysis/ HYDROLYSIS/ MICROSCOPY, ELECTRON/ MURAMIC ACID, analysis/ MURAMIDASE/ ORNITHINE, analysis/ PENICILLIN G/ PEPTIDE HYDROLASES/ *PEPTIDOGLYCAN/ PEPTIDOGLYCAN, analysis/ PEPTIDOGLYCAN, isolation & purification/ PRONASE/ SODIUM DODECYL SULFATE/ SPIROCHAETA, analysis/ *SPIROCHAETA, cytology/ STAINS AND STAINING/ STEREOISOMERS

3737. **Josso F, Cosson A, Gazengel C, et al:** Les anticoagulants circulants au cours de l'hémophilie.
Rev Fr Transfus 15:281-98, Dec 72 (Fre)
ANTIBODIES, isolation & purification/ ANTIBODY FORMATION/ *ANTICOAGULANTS, blood/ BLOOD TRANSFUSION/ *CHRISTMAS DISEASE, blood/ ENGLISH ABSTRACT/ EXCHANGE TRANSFUSION/ FACTOR VIII, analysis/ FACTOR VIII, antagonists & inhibitors/ FACTOR IX, antagonists & inhibitors/ *HEMOPHILIA, physiopathology/ HEMOPHILIA, therapy/ HUMAN/ IGG, isolation & purification/ PROTEIN CONFORMATION

3738. **Josso F, Cosson A, Gazengel C, et al:** Les anticoagulants circulants au cours de l'hèmophilie.
Rev Fr Transfus 15:281-98, Sep 72 (Fre)
ANTIBODIES, analysis/ ANTIBODY SPECIFICITY/ *ANTICOAGULANTS, blood/ CHRISTMAS DISEASE, blood/ EGGS, analysis/ ENGLISH ABSTRACT/ *FACTOR VIII/ HEMOPHILIA, blood/ *HEMOPHILIA, immunology/ HUMAN

3739. **Josso F, Gouault-Heilmann M, Cosson A:** Troubles de l'hémostase au cours des leucémies aiguës.
Rev Prat 23:195-9, 11 Jan 73 (Fre)
ACUTE DISEASE/ BLOOD COAGULATION DISORDERS, complications/ HEPATITIS, complications/ LEUKEMIA, complications/ SPECIAL LIST FOREIGN

3740. **Joubert FJ:** Snake venom toxins the amino acid sequences of two toxins from Ophiophagus hannah (King cobra) venom.
Biochim Biophys Acta 317:85-98, 12 Jul 73
AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ BIOLOGICAL ASSAY/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ DIFFUSION/ DISULFIDES, analysis/ ELECTROPHORESIS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL DIFFUSION TESTS/ GEL FILTRATION/ LETHAL DOSE 50/ MICE/ MOLECULAR WEIGHT/ PEPTIDES, analysis/ *SNAKES/ SODIUM DODECYL SULFATE/ SPECIES SPECIFICITY/ *TOXINS, analysis/ TOXINS, isolation & purification/ TOXINS, toxicity/ TRYPSIN/ *VENOMS, analysis

3741. **Jouve A, Pierron J, Avril P, et al:** Les artériopathies des membres inférieurs. Traitement par les anticoagulants. Valeur de leur utilisation au long cours.
Nouv Presse Med 1:2250-2, 30 Sep 72 (Fre)

ADULT/ AGED/ *ANTICOAGULANTS, administration & dosage/ *ARTERIES/ ARTERIOSCLEROSIS, drug therapy/ COMPARATIVE STUDY/ CORONARY DISEASE, complications/ ENGLISH ABSTRACT/ ETHYL BISCOUMACETATE, therapeutic use/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ *LEG, blood supply/ LONG TERM CARE/ MALE/ MIDDLE AGE/ PHENINDIONE, therapeutic use/ PROGNOSIS/ THROMBOSIS, prevention & control/ *VASCULAR DISEASES, drug therapy/ VASCULAR DISEASES, surgery/ WARFARIN, therapeutic use

3742. **Jovanovic D, Antula-Jovanovic L:** Delivery through central rupture of the perineum.
Obstet Gynecol 40:594-8, Oct 72
ADULT/ FEMALE/ HEMATOMA, surgery/ HUMAN/ *LABOR COMPLICATIONS/ *PERINEUM, injuries/ PERINEUM, surgery/ PREGNANCY/ UTERINE RUPTURE, surgery

3743. **Joyner WL, Iatridis PG, Yonce LR:** Comparative studies on various types of crude and refined thrombin preparations.
Res Commun Chem Pathol Pharmacol 2:919-26, Nov 71
ANIMAL EXPERIMENTS/ CATTLE/ CHROMATOGRAPHY/ COMPARATIVE STUDY/ DOGS/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ FIBRINOLYSIN, analysis/ MALE/ METHODS/ PLASMINOGEN, analysis/ THROMBIN, analysis/ *THROMBIN, isolation & purification

3744. **Joyner WL, Yonce LR, Iatridis PG:** Vasodilator response in the hindlimb (dog) to various thrombin preparations. Am J Physiol 225:487-92, Aug 73
ANIMAL EXPERIMENTS/ *BLOOD VESSELS, drug effects/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DILATATION/ DOGS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ HINDLIMB, blood supply/ HIRUDIN, pharmacodynamics/ HUMAN/ INJECTIONS, INTRA-ARTERIAL/ INJECTIONS, INTRAVENOUS/ MALE/ THROMBIN, administration & dosage/ THROMBIN, analysis/ THROMBIN, isolation & purification/ *THROMBIN, pharmacodynamics/ *VASODILATOR AGENTS, pharmacodynamics

3745. **Joysey VC, Evans DB, Millard PR, et al:** A serological, clinical and morphological study of eight kidney grafts in three patients. Tissue Antigens 2:5-19, 1972
ABO FACTORS/ ABSORPTION/ ADOLESCENCE/ ADULT/ ANTIBODY FORMATION/ AZATHIOPRINE, therapeutic use/ BLOOD PRESERVATION/ BLOOD TRANSFUSION/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FEMALE/ GLOMERULONEPHRITIS, immunology/ GRAFT REJECTION/ HEMODIALYSIS/ HISTOCOMPATIBILITY ANTIGENS/ HISTOCOMPATIBILITY TESTING/ HUMAN/ ISOANTIBODIES/ *KIDNEY, transplantation/ LYMPHOCYTES, immunology/ MALE/ MIDDLE AGE/ PREDNISOLONE, therapeutic use/ SPLEEN, cytology/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY

3746. **Jubelin J, Boyer J:** The lipolytic activity of human milk.
Eur J Clin Invest 2:417-21, Nov 72
ESTERASES, analysis/ GLYCERIN/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ LIPASE, analysis/ LIPIDS/ *MILK, HUMAN, enzymology/ PROTAMINES/ TAUROCHOLIC ACID/ TEMPERATURE/ TRIGLYCERIDES/ TRIOLEIN

3747. **Jubert AV, Hersh EM, McBride CM:** Responses of appendix and peripheral blood lymphocytes to stimulation with various mitogens.
Surg Gynecol Obstet 136:567-73, Apr 73
ADOLESCENCE/ ADULT/ AGED/ APPENDIX, drug effects/ *APPENDIX, immunology/ BLOOD/ CHILD/ CONCANAVALIN A, pharmacodynamics/ FEMALE/ HUMAN/ *LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES, drug effects/ *B-LYMPHOCYTES, drug effects/ *T-LYMPHOCYTES, drug effects/ MALE/ MIDDLE AGE/ *MITOGENS, pharmacodynamics/ PHYTOMITOGENS, pharmacodynamics/ STREPTODORNASE AND STREPTOKINASE, pharmacodynamics/ STREPTOLYSIN, pharmacodynamics

3748. **Judkiewicz L, Olszańska T, Tomaszewska L:** Mechanizmy zaburzeń hemostazy w marskości wątroby.
Pol Tyg Lek 28:708-11, 1 May 73 (34 ref.) (Pol)
*BLOOD COAGULATION DISORDERS/ BLOOD PLATELET DISORDERS, metabolism/ BLOOD PLATELETS, metabolism/ FACTOR VII, biosynthesis/ FACTOR IX, biosynthesis/ FACTOR XI, biosynthesis/ FACTOR XIII, biosynthesis/ FIBRINOGEN, metabolism/ FIBRINOLYSIN, metabolism/ HUMAN/ HYPERSPLENISM, physiopathology/ LIVER, metabolism/ LIVER, physiopathology/ *LIVER CIRRHOSIS, blood/ PROTHROMBIN TIME/ REVIEW

3749. **Judkiewicz L, Pawlowski J:** Podstawy leczenia trombolitycznego.
Pol Tyg Lek 27:1011-3, 26 Jun 72 (27 ref.) (Pol)
EMBOLISM, therapy/ FIBRINOGEN, metabolism/ FIBRINOLYSIN, metabolism/ HEPARIN, administration & dosage/ HUMAN/ INJECTIONS, INTRAVENOUS/ PEPTIDE HYDROLASES, administration & dosage/ PLASMINOGEN, therapeutic use/ RECURRENCE/ REVIEW/ STREPTOKINASE, administration & dosage/ STREPTOKINASE, pharmacodynamics/ THROMBOEMBOLISM, drug therapy/ THROMBOEMBOLISM, enzymology/ *THROMBOEMBOLISM, therapy/ THROMBOSIS, therapy

3750. **Juif JG, Stoll C, Korn R:** Thrombopénie hypoplasique congénitale avec aplasie du radius.
Arch Fr Pediatr 29:513-26, May 72 (Fre)
BONE MARROW EXAMINATION/ ENGLISH ABSTRACT/ FEMALE/ HEMODYNAMICS/ HUMAN/ INFANT, NEWBORN/ INTESTINES, pathology/ LIVER, pathology/ LUNG, pathology/ MALE/ PANCREAS, pathology/ *RADIUS, abnormalities/ *THROMBOPENIA, congenital/ THROMBOPENIA, etiology/ THROMBOPENIA, familial & genetic/ THROMBOPENIA, pathology/ TRISOMY

3751. **Julian M, Pieraggi MT, Bouissou H:** Lathyrisme et régime athérogène chez le rat (importance de la simultanéité des désordres pariétaux et lipidiques dans l'athérogenèse.
Pathol Biol (Paris) 20:951-9, Dec 72 (Fre)
AMINOPROPIONITRILE/ ANIMAL EXPERIMENTS/ *AORTA, pathology/ AORTA, ABDOMINAL, pathology/ AORTA, THORACIC, pathology/ *ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, pathology/ *DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ LATHYRISM, chemically induced/ *LATHYRISM, complications/ LATHYRISM, pathology/ RATS

3752. **Jun HW, Luzzi LA, Hsu PL:** Phenylbutazone-sodium warfarin binding using a fluorescent probe technique.
J Pharm Sci 61:1835-7, Nov 72
ANILINE COMPOUNDS/ BINDING, COMPETITIVE/ BINDING SITES/ FLUORESCENT DYES/ KINETICS/ NAPHTHALENES/ *PHENYLBUTAZONE/ PROTEIN BINDING/ SERUM ALBUMIN, BOVINE/ SPECTRUM ANALYSIS/ SULFONIC ACIDS/ *WARFARIN

3753. **Jung H, Kley W:** Fibrinschaum als Defektfüller in der Speicheldrüsenchirurgie. Tierexperimentelle Untersuchungen und klinische Erfahrungen.
Arch Klin Exp Ohren Nasen Kehlkopfheilkd 204:105-14, 30 Jul 73 (Ger)
ANIMAL EXPERIMENTS/ CATTLE/ EDEMA, chemically induced/ ENGLISH ABSTRACT/ *FIBRIN FOAM/ FIBRIN FOAM, adverse effects/ GRANULATION TISSUE, pathology/ GUINEA PIGS/ HUMAN/ MALE/

MICROSCOPY/ *PAROTID GLAND, surgery/ *PAROTID NEOPLASMS, surgery/ STAINS AND STAINING/ SURGERY, PLASTIC/ TIME FACTORS

3754. **Junge WD, Wild H, Piesse R, et al:** Blutgerinnung und Säure-Basenhaushalt in Beziehung zum Augenhintergrundsbefund bei Neugeborenen.
Zentralbl Gynaekol 94:1265-71, 30 Sep 72 (Ger)
*ACID-BASE EQUILIBRIUM/ *BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ CAPILLARIES/ FEMALE/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, blood/ LABOR/ OPHTHALMOSCOPY/ PLATELET ADHESIVENESS/ PREGNANCY/ *RETINAL HEMORRHAGE, blood/ UMBILICAL CORD/ UMBILICAL VEINS

3755. **Jungfer H:** Inhibition of leucine aminopeptidase by human serum group-specific component.
Naturwissenschaften 60:54, Jan 73
BLOOD GROUPS/ *BLOOD PROTEINS/ FIBRINOLYSIS/ HUMAN/ *LEUCINE AMINOPEPTIDASE, antagonists & inhibitors/ LEUCINE AMINOPEPTIDASE, metabolism/ POLYMORPHISM (GENETICS)

3756. **Jüngst BK:** Lokale Shwartzman-Reaktion nach Infektionen mit grampositiven Diplokokken (Pneumokokken.
Paediatr Grenzgeb 11:253-8, 1972 (Ger)
CHILD/ CHILD, PRESCHOOL/ *DIPLOCOCCUS PNEUMONIAE/ FEMALE/ HUMAN/ INFANT/ MALE/ *MENINGITIS, PNEUMOCOCCAL, complications/ *SHWARTZMAN PHENOMENON, etiology/ SKIN MANIFESTATIONS

3757. **Jurášek L, Smillie LB:** The amino acid sequence of Streptomyces griseus trypsin. I. The peptic peptides.
Can J Biochem 51:1077-88, Jul 73
AMIDES/ AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ AUTOANALYSIS/ CHROMATOGRAPHY, ION EXCHANGE/ CYSTEINE/ DANSYL COMPOUNDS/ ELECTROPHORESIS, PAPER/ HYDROGEN-ION CONCENTRATION/ PEPSIN/ PEPTIDE HYDROLASES, analysis/ *PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PRONASE, analysis/ SERINE/ *STREPTOMYCES, enzymology/ STREPTOMYCES GRISEUS, enzymology/ THIOCYANATES/ *TRYPSIN, analysis

3758. **Juvara I, Rădulescu D, Prişcu A, et al:** Efectul splenectomiei asupra trombocitopeniilor.
Chirurgia (Bucur) 20:1057-74, Dec 71 (Rum)
ADOLESCENCE/ ADULT/ AGED/ ANEMIA, HEMOLYTIC, complications/ BLOOD COAGULATION TESTS/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERSPLENISM, complications/ LIVER CIRRHOSIS, complications/ MALE/ MIDDLE AGE/ PURPURA, THROMBOPENIC, etiology/ *PURPURA, THROMBOPENIC, surgery/ *SPLENECTOMY/ THROMBELASTOGRAPHY/ THROMBOPENIA, etiology/ *THROMBOPENIA, surgery/ TUBERCULOSIS, SPLENIC, complications

K

3759. **Kabakçi T, Rosse WF, Logue GL:** The lysis of paroxysmal nocturnal haemoglobinuria red cells by serum and cobra factor.
Br J Haematol 23:693-705, Dec 72
AET, pharmacodynamics/ COMPLEMENT/ EDTA/ ERYTHROCYTES, drug effects/ GLUTATHIONE, pharmacodynamics/ *HEMOGLOBINURIA, PAROXYSMAL/ HEMOGLOBINURIA, PAROXYSMAL, blood/ *HEMOLYSIS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MAGNESIUM/ NEURAMINIDASE, pharmacodynamics/ *SNAKES/ TEMPERATURE/ TRYPSIN, pharmacodynamics/ *VENOMS

3760. **Kabaker SS:** Slipknot preparation for hemostasis.
Eye Ear Nose Throat Mon 52:218-21, Jun 73
*HEMOSTASIS, instrumentation/ HUMAN/ LIGATION, instrumentation/ *TONSILLECTOMY

3761. **Kabakov AI, Umbetalina NS:** Sviaz' kislotno-shchelochnogo ravnovesiia i kislorodnogo sostava krovi s gemokoaguliatsiei u tiazhelykh legochnykh bol'nykh.
Ter Arkh 45:58-62, Mar 73 (Rus)
*ACID-BASE EQUILIBRIUM/ ADULT/ AGED/ ASTHMA, blood/ *BLOOD COAGULATION/ *CARBON DIOXIDE, blood/ CARDIOVASCULAR SYSTEM, physiopathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LUNG DISEASES, blood/ LUNG DISEASES, physiopathology/ MALE/ MIDDLE AGE/ *OXYGEN, blood/ PNEUMONIA, blood/ PULMONARY EMPHYSEMA, blood

3762. **Kabemba JM, Mayer JE, Hammond GL:** Experimental arterial thrombosis formation in vivo by proteolytic enzyme perfusion and the role of elastin layer.
Surgery 73:438-43, Mar 73
ANIMAL EXPERIMENTS/ DOGS/ *ELASTIN, physiology/ *PEPTIDE HYDROLASES/ PERFUSION/ *THROMBOSIS, chemically induced

3763. **Kącki J, Siedlecki J, Mayzner E, et al:** Extracorporeal animal liver perfusion in patients in hepatic coma: anesthesiological problems.
Pol Med J 11:1573-82, 1972
ADOLESCENCE/ ADULT/ BLOOD CELL COUNT/ BLOOD COAGULATION/ BLOOD PLATELETS/ BLOOD PRESSURE/ BLOOD PROTEINS, analysis/ BLOOD SUGAR, analysis/ CARBON DIOXIDE, blood/ CENTRAL VENOUS PRESSURE/ CHLORIDES, blood/ DIURESIS/ HEART RATE/ HEMATOCRIT/ *HEPATIC COMA, therapy/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *HYDROXYDIONE/ *LIVER CIRCULATION/ *NITROUS OXIDE/ OXYGEN, blood/ PARTIAL PRESSURE/ *PERFUSION/ POTASSIUM, blood/ SODIUM, blood

3764. **Kaess H:** Magenschonkost--Diät nach Magenresektion. Besteht ein besonderer Unterschied zwischen Magenschonkost und einer Diät nach Magenresektion.
Z Allgemeinmed 49:389, 20 Mar 73 (Ger)
*DIET THERAPY/ DIETARY FATS, therapeutic use/ HUMAN/ PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ *POSTGASTRECTOMY SYNDROMES, therapy/ *STOMACH DISEASES, therapy/ VITAMIN B 12, therapeutic use

3765. **Kafatos FC:** The cocoonase zymogen cells of silk moths: a model of terminal cell differentiation for specific protein synthesis.
Curr Top Dev Biol 7:125-91, 1972
ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ *CELL DIFFERENTIATION/ DNA, metabolism/ ECDYSONE, metabolism/ ELECTROPHORESIS, DISK/ GENES/ *GENETICS, BIOCHEMICAL/ INSECTS, metabolism/ JUVENILE HORMONES, metabolism/ MOUTH, embryology/ MOUTH, enzymology/ MOUTH, metabolism/ *PEPTIDE HYDROLASES, metabolism/ PROTEINS, analysis/ *PROTEINS, biosynthesis/ RNA, MESSENGER, metabolism/ *SILKWORMS, enzymology

3766. **Kafatos FC:** mRNA stability and cellular differentiation.
Acta Endocrinol [Suppl] (Kbh) 168:319-45, 1972
ANIMAL EXPERIMENTS/ AUTOANALYSIS/ BUFFERS/ CARBON ISOTOPES/ *CELL DIFFERENTIATION/ CELL-FREE SYSTEM/ CULTURE MEDIA/ DACTINOMYCIN, pharmacodynamics/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME INDUCTION/ ENZYME PRECURSORS, analysis/ *ENZYME PRECURSORS, biosynthesis/ GENETICS, BIOCHEMICAL/ HALF-LIFE/ INSECTS/ LEUCINE, metabolism/ METHODS/ MOLECULAR WEIGHT/ *PEPTIDE PEPTIDOHYDROLASES/ RNA, biosynthesis/ RNA, MESSENGER, analysis/ *RNA, MESSENGER, biosynthesis/ TRANSCRIPTION, GENETIC/ TRITIUM

3767. **Kagami M:** [Consumption coagulopathy in internal medicine]
Jap J Clin Hematol 13:177-85, Apr 72 (Jap)
ADOLESCENCE/ ADULT/ AGED/ *BONE MARROW/ *BONE NEOPLASMS, complications/ CHILD/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ *LEUKEMIA, MYELOCYTIC, complications/ MALE/ MIDDLE AGE

3768. **Kageyama S, Terao A, Araki S, et al:** [Case of intracranial venous thrombosis in the postpartum period]
Clin Neurol (Tokyo) 13:237-43, Apr 73 (Jap)
ADULT/ CEREBRAL ANGIOGRAPHY/ *CEREBRAL EMBOLISM AND THROMBOSIS/ CEREBRAL EMBOLISM AND THROMBOSIS, drug therapy/ *CRANIAL SINUSES/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ *LABOR COMPLICATIONS/ PREGNANCY

3769. **Kagitomi T:** [Anti-inflammatory enzyme used in otorhinolaryngology]
J Otolaryngol Jap 75:1463-4, Dec 72 (Jap)
*ANTI-INFLAMMATORY AGENTS, therapeutic use/ CHRONIC DISEASE/ HUMAN/ *OTORHINOLARYNGOLOGIC DISEASES, drug therapy/ *PEPTIDE HYDROLASES, therapeutic use/ SINUSITIS, drug therapy

3770. **Kahn JP, Verbanck M:** Mesure du pouvoir activateur de la fibrinolyse de l'urine. Description d'une méthode simplifiée. Rôle des ions.
Pathol Biol (Paris) 21:339-47, Apr 73 (Fre)
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ FEMALE/ FIBRINOGEN/ *FIBRINOLYSIS/ *FIBRINOLYTIC AGENTS, urine/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MALE/ METHODS/ MIDDLE AGE/ PLASMINOGEN/ *POTASSIUM, urine/ SEX FACTORS/ *SODIUM, urine/ THROMBIN/ UROPEPSIN/ WATER-ELECTROLYTE BALANCE

3771. **Kahn RA, Flinton LJ:** Evaluation of ethylene glycol as a cryoprotective agent for blood platelets.
Cryobiology 10:148-51, Jun 73
*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ BLOOD PRESERVATION/ CARBON ISOTOPES/ *CRYOPROTECTIVE AGENTS, pharmacodynamics/ EVALUATION STUDIES/ FREEZING/ *GLYCOLS, pharmacodynamics/ GLYCOLS, toxicity/ HUMAN/ POTASSIUM, pharmacodynamics/ SEROTONIN, metabolism

3772. **Kaibara M:** Dynamic viscoelastic study of the formation of fibrin networks in fibrinogen-thrombin systems and plasma. Biorheology 10:61-73, Mar 73
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ CATTLE/ ELASTICITY/ *FIBRIN, physiology/ *FIBRINOGEN/ HUMAN/ *PLASMA/ RHEOLOGY/ *THROMBIN/ VISCOSITY

3773. **Kaijser B:** Immunology of Escherichia coli: K antigen and its relation to urinary-tract infection.
J Infect Dis 127:670-7, Jun 73
*ANTIGENS, BACTERIAL, analysis/ ANTIGENS, BACTERIAL, isolation & purification/ BACTERIURIA, immunology/ CHILD/ CYSTITIS, immunology/ CYSTITIS, microbiology/ *ESCHERICHIA COLI, immunology/ ESCHERICHIA COLI, isolation & purification/ *ESCHERICHIA COLI INFECTIONS, immunology/ FECES, microbiology/ FEMALE/ GEL DIFFUSION TESTS/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS/ POLYSACCHARIDES, BACTERIAL, analysis/ PYELONEPHRITIS, immunology/ PYELONEPHRITIS, microbiology/ RABBITS, immunology/ TRYPSIN, pharmacodynamics/ *URINARY TRACT INFECTIONS, immunology/ URINARY TRACT INFECTIONS, microbiology

3774. **Kaindl F, Kühn P:** Zink-Protamin-Glukagon in der Therapie des Herzversagens.
Z Gesamte Inn Med 27:1097-8, 15 Dec 72 (Ger)
ARRHYTHMIA, complications/ ARRHYTHMIA, drug therapy/ BLOOD PRESSURE, drug effects/ BLOOD SUGAR/ DIURESIS, drug effects/ ENGLISH ABSTRACT/ FATTY ACIDS, NONESTERIFIED, blood/ GLUCAGON, administration & dosage/ GLUCAGON, adverse effects/ *GLUCAGON, therapeutic use/ HEART FAILURE, CONGESTIVE, complications/ *HEART FAILURE, CONGESTIVE, drug therapy/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ PROTAMINES, administration & dosage/ *PROTAMINES, therapeutic use/ ZINC, administration & dosage/ *ZINC, therapeutic use

3775. **Kaindl F, Kühn P, Holzhey P, et al:** Herztherapie mit Zink-Protamin-Glucagon.
Verh Dtsch Ges Inn Med 78:1099-101, 1972 (Ger)
DRUG COMBINATIONS/ *GLUCAGON, therapeutic use/ *HEART FAILURE, CONGESTIVE, drug therapy/ HUMAN/ PROTAMINES, therapeutic use/ ZINC, therapeutic use

3776. **Kairiukshtis TI:** Izmeneniia mestnykh allergicheskikh reaktsii v zavisimosti ot usileniia povyshennoi chuvstvitel'nsti tkanei.
Patol Fiziol Eksp Ter 16:37-41, Nov-Dec 72 (Rus)
ALLERGENS/ ANIMAL EXPERIMENTS/ EDEMA, immunology/ ENGLISH ABSTRACT/ HEMORRHAGIC DIATHESIS, immunology/ *HYPERSENSITIVITY, physiopathology/ INJECTIONS, INTRA-ARTICULAR/ NECROSIS/ RABBITS/ REGRESSION ANALYSIS/ *SKIN TESTS/ TIME FACTORS

3777. **Kaiser W, Zöllner N:** Halbwertszeit und Clearance von heparin beim Menschen.
Verh Dtsch Ges Inn Med 77:1025-6, 1971 (Ger)
ACRIDINES, diagnostic use/ HALF-LIFE/ *HEPARIN, metabolism/ HUMAN/ KIDNEY FUNCTION TESTS

3778. **Kaiserling E, Racz P, Tenner K, et al:** Vorkommen intracellulärer Bakterien in Makrophagen beim Typhus abdominalis des Menschen. Zur Feinstruktur, Herkunft und Funktion der sog. Rindfleisch-Zellen.
Virchows Arch [Zellpathol] 11:343-57, 1972 (Ger)
CELL MEMBRANE/ CELL NUCLEUS/ CHILD/ ENGLISH ABSTRACT/ *EOSINOPHILS, cytology/ ERYTHROCYTES, cytology/ EXTRACELLULAR SPACE/ FIBRIN/ GOLGI APPARATUS/ *GRAM NEGATIVE BACTERIA/ HUMAN/ LYMPH NODES, pathology/ LYMPHADENITIS, pathology/ LYMPHOCYTES, cytology/ MACROPHAGES, cytology/ *MACROPHAGES, microbiology/ MALE/ MICROSCOPY/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ MONOCYTES, cytology/ NECROSIS/ PHAGOCYTOSIS/ *TYPHOID, microbiology/ TYPHOID, pathology

3779. **Kajii T, Oama K, Avirachan S, et al:** Trypsin banding of Giemsa-stained chromosomes.
Lancet 2:1311-2, 16 Dec 72
CHROMOSOMES, HUMAN, 21-22/ HUMAN/ *KARYOTYPING/ METHODS/ *STAINS AND STAINING/ *TRYPSIN

3780. **Kakkar VV:** Review of knowledge obtained from the 125I-fibrinogen technique.
Br J Haematol 25:272-3, Aug 73
*FIBRINOGEN, diagnostic use/ HUMAN/ *IODINE ISOTOPES, DIAGNOSTIC/ *THROMBOSIS, diagnosis/ THROMBOSIS, therapy

3781. **Kakkar VV:** A clinical assessment of newer techniques in the diagnosis of venous thrombosis.
Br J Radiol 46:158, Feb 73
ELECTRIC CONDUCTIVITY/ FIBRINOGEN, diagnostic use/ HUMAN/ IODINE ISOTOPES,

DIAGNOSTIC/ *THROMBOPHLEBITIS, diagnosis/ ULTRASONICS, diagnostic use

3782. Kalbhen DA: Pharmacological studies on the anti-inflammatory effect of a semi-synthetic polysaccharide (pentosan polysulfate).
Pharmacology 9:74-9, 1973
ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ ANTI-INFLAMMATORY AGENTS, administration & dosage/ *ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ CARRAGEENAN, antagonists & inhibitors/ DEXTRAN, antagonists & inhibitors/ EDEMA/ FORMALDEHYDE, antagonists & inhibitors/ HYALURONIDASE, antagonists & inhibitors/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, SUBCUTANEOUS/ KAOLIN, antagonists & inhibitors/ POLYSACCHARIDES, administration & dosage/ *POLYSACCHARIDES, pharmacodynamics/ RATS/ SULFATES, pharmacodynamics/ TIME FACTORS/ TRYPSIN, antagonists & inhibitors

3783. Kal'chenko II, Lys PV, Riabyĭ PA: Gemokoaguliruiushchie i fibrinoliticheskie svoĭstva stenki zheludka pri porazhenii ego iazvennym i rakovym protsessami.
Vestn Khir 110:3-8, Apr 73 (Rus)
ANTITHROMBIN/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FACTOR V/ *FIBRINOLYSIS, drug effects/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HEPARIN, diagnostic use/ HUMAN/ IN VITRO/ METHODS/ *PEPTIC ULCER/ PEPTIC ULCER HEMORRHAGE, etiology/ PROTHROMBIN/ PROTHROMBIN TIME/ *STOMACH/ *STOMACH NEOPLASMS/ STOMACH NEOPLASMS, complications/ THROMBOSIS, etiology/ *TISSUE EXTRACTS, pharmacodynamics

3784. Kalenik NI: Tri sluchaia bolezni Sturge-Webera.
Vestn Rentgenol Radiol 47:92-3, Jul-Aug 72 (Rus)
ADULT/ *ANGIOMATOSIS, radiography/ FEMALE/ HUMAN/ MALE/ SYNDROME

3785. Kalinin AP, Radbil' OS: O krovoizliianiiakh v nadpochechniki (obzor inostrannoĭ literatury.
Klin Med (Mosk) 50:9-15, Nov 72 (Rus)
*ADRENAL GLAND DISEASES/ ADRENAL GLAND DISEASES, diagnosis/ ADRENAL GLAND DISEASES, history/ ADRENAL GLAND DISEASES, mortality/ ADRENAL GLAND NEOPLASMS, complications/ ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, injuries/ ADULT/ ANTICOAGULANTS, adverse effects/ AUTOPSY/ CHILD/ FEMALE/ *HEMORRHAGE/ HEMORRHAGE, diagnosis/ HEMORRHAGE, etiology/ HEMORRHAGE, history/ HEMORRHAGE, mortality/ HUMAN/ INFANT/ MALE/ MIDDLE AGE/ REVIEW/ STRESS, complications/ WATERHOUSE-FRIDERICHSEN SYNDROME, complications

3786. Kalis B, Degos R, Cattan A, et al: Angiomes multiples récidivants.
Bull Soc Fr Dermatol Syphiligr 79:205, 1972 (Fre)
ADOLESCENCE/ ANGIOMATOSIS, diagnosis/ *ANGIOMATOSIS, etiology/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ HEMANGIOMA, surgery/ HUMAN/ LYMPHADENITIS, complications/ LYMPHATIC DISEASES, etiology/ MALE/ POSTOPERATIVE COMPLICATIONS

3787. Kalle GP, Gadkari SV, Deshpande SY: Inducibility of lipase in Candida lipolytica.
Indian J Biochem Biophys 9:171-5, Jun 72
*CANDIDA, enzymology/ CANDIDA, growth & development/ ENZYME INDUCTION, drug effects/ ENZYME REPRESSION, drug effects/ GLUCOSE, pharmacodynamics/ *LIPASE, biosynthesis/ PEPTIDE HYDROLASES, biosynthesis/ SURFACE-ACTIVE AGENTS, pharmacodynamics

3788. Kaltwasser JP, Simon B, Werner E, et al: Hämatolgische Nebenwirkungen von Thiamphenicol.
Klin Wochenschr 51:347-50, 1 Apr 73 (Ger)
ACETAMIDES, adverse effects/ ACETAMIDES, pharmacodynamics/ BLOOD PLATELETS, drug effects/ BONE MARROW, metabolism/ *BONE MARROW CELLS, drug effects/ BONE MARROW DISEASES, chemically induced/ *CHLORAMPHENICOL, adverse effects/ CHLORAMPHENICOL, pharmacodynamics/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ ERYTHROCYTES, drug effects/ ERYTHROPOIESIS, drug effects/ HEMATOCRIT/ HUMAN/ IRON, blood/ IRON, metabolism/ LEUKOCYTES, drug effects/ MICROSCOPY, ELECTRON/ *PHENETHYLAMINES, adverse effects/ PHENETHYLAMINES, pharmacodynamics/ RETICULOCYTES, drug effects/ SULFONES, adverse effects/ SULFONES, pharmacodynamics

3789. Kambara T, Katsuya H, Maeda S: Experimental study on the mechanisms of delayed hypersensitivity reaction, with special reference to emigration and function of mononuclear cells.
Acta Pathol Jap 22:465-76, Aug 72
ALBUMINS/ ANIMAL EXPERIMENTS/ *CHEMOTAXIS/ CHROMATOGRAPHY, ION EXCHANGE/ GALACTOSIDASE, metabolism/ GLOBULINS/ GUINEA PIGS/ HYDROGEN-ION CONCENTRATION/ HYPERSENSITIVITY, DELAYED, immunology/ *HYPERSENSITIVITY, DELAYED, pathology/ LYMPH NODES, enzymology/ LYMPHOCYTES, immunology/ *MACROPHAGES, immunology/ MYCOBACTERIUM BOVIS/ PEPTIDE HYDROLASES, metabolism/ RABBITS/ SKIN, enzymology/ TUBERCULIN/ TUBERCULIN TEST

3790. Kamdom-Moyo J, Hajeri H, Winisdoerffer G, et al: [Fetal suffering and chorioangioma. Study of fetal cardiac rhythm. Apropos of 2 cases.
J Gynecol Obstet Biol Reprod (Paris) 1:575-9, Sep 72 (Ger)
*ACIDOSIS, etiology/ ADULT/ ARRHYTHMIA, etiology/ ENGLISH ABSTRACT/ FEMALE/ *FETAL DISEASES, etiology/ FETAL HEART, physiopathology/ *HEMANGIOMA/ HUMAN/ INFANT, NEWBORN/ *PLACENTA DISORDERS/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ PROGNOSIS

3791. Kameda Y, Matsui K, Hosoya K, et al: Antitumor activity of Bacillus natto. IV. Purification and properties of an extracellular protease from Bacillus natto KMD 1126.
Chem Pharm Bull (Tokyo) 21:538-45, Mar 73
ANIMAL EXPERIMENTS/ ANTINEOPLASTIC AGENTS/ *BACILLUS, enzymology/ HISTOCYTOCHEMISTRY/ MICE/ *PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ PEPTIDE PEPTIDOHYDROLASES, pharmacodynamics

3792. Kamel K, Hoerman KC: Disseminated intravascular coagulation. J Oral Surg 31:95-7, Feb 73
ANTIFIBRINOLYTIC AGENTS, adverse effects/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *HEMORRHAGE, ORAL, etiology/ HEPARIN, therapeutic use/ HUMAN/ SURGERY, ORAL, adverse effects/ TOOTH EXTRACTION, adverse effects

3793. Kamo N, Oikawa M, Kobatake Y: Effective fixed charge density governing membrane phenomena. V. A reduced expression of permselectivity.
J Phys Chem 77:92-5, 4 Jan 73
COLLODION/ DENSITOMETRY/ DEXTRAN/ ELECTROLYTES/ MATHEMATICS/ *MEMBRANE POTENTIALS/ MEMBRANES, ARTIFICIAL/ *PERMEABILITY/

POLYSTYRENES/ PROTAMINES/ SULFONIC ACIDS

3794. **Kamper MJ, Galloway DV, Ashley F:** Abdominal panniculectomy after massive weight loss.
Plast Reconstr Surg 50:441-6, Nov 72
*ABDOMEN, surgery/ ADULT/ AGED/ DIET, REDUCING/ ESTHETICS/ HEMATOMA, etiology/ HUMAN/ MALE/ MIDDLE AGE/ *OBESITY/ POSTOPERATIVE COMPLICATIONS/ *SKIN, surgery/ STARVATION/ *SURGERY, PLASTIC

3795. **Kanai K, Kondo E:** Degradation of tuberculoproteins by incubation with lysosomal components of the mouse spleen. Jap J Med Sci Biol 25:297-307, Oct 72
ACID PHOSPHATASE/ ANIMAL EXPERIMENTS/ *BACTERIAL PROTEINS/ BACTERIAL PROTEINS, isolation & purification/ CATHEPSIN/ CULTURE MEDIA/ ENZYME ACTIVATION/ GEL FILTRATION/ GUINEA PIGS/ HEAT/ HEMOGLOBIN/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ *LYSOSOMES, enzymology/ MALE/ MICE/ MICROBIAL SENSITIVITY TESTS/ *MYCOBACTERIUM BOVIS, analysis/ PEPSIN/ *SPLEEN, cytology/ TRYPSIN/ TUBERCULIN/ TUBERCULIN TEST

3796. **Kanarek KS, Bloom KR:** Successful pregnancy after aortic and mitral valve replacements.
S Afr Med J 47:1373-4, 4 Aug 73
ADULT/ *AORTIC VALVE/ FEMALE/ HEAD/ *HEART VALVE PROSTHESIS/ HEMATOMA, chemically induced/ HEPARIN, therapeutic use/ HUMAN/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, chemically induced/ *MITRAL VALVE/ *PREGNANCY/ WARFARIN, adverse effects/ WARFARIN, therapeutic use

3797. **Kanazawa Y, Hayashi M:** [Development of the endocrine pancreas and differentiation of its function]
Clin Endocrinol (Tokyo) 21:147-55, Feb 73 (41 ref.) (Jap)
AMYLASE, metabolism/ ANIMAL EXPERIMENTS/ CHYMOTRYPSIN, metabolism/ FETUS/ GLUCAGON, analysis/ GLUCAGON, metabolism/ HUMAN/ INSULIN, analysis/ INSULIN, metabolism/ INSULIN, secretion/ ISLANDS OF LANGERHANS, growth & development/ ISLANDS OF LANGERHANS, metabolism/ LIPASE, metabolism/ PANCREAS, embryology/ PANCREAS, enzymology/ *PANCREAS, growth & development/ PANCREAS, physiology/ RATS/ REVIEW/ RIBONUCLEASE, metabolism/ TRYPSIN, metabolism

3798. **Kandall C, Akinbami TK, Colman RW:** Determinants of prothrombinase activity and modification of prothrombin conversion by thrombin-treated factor V. Br J Haematol 23:655-68, Dec 72
BLOOD COAGULATION TESTS/ CALCIUM/ CATTLE/ *FACTOR V/ FACTOR X/ HUMAN/ KINETICS/ PHOSPHOLIPIDS/ *PROTHROMBIN/ *THROMBIN/ *THROMBOPLASTIN

3799. **Kane MA, May JE, Frank MM:** Interactions of the classical and alternate complement pathway with endotoxin lipopolysaccharide. Effect on platelets and blood coagulation. J Clin Invest 52:370-6, Feb 73
ANIMAL EXPERIMENTS/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD PLATELET DISORDERS, etiology/ *BLOOD PLATELETS, drug effects/ *COMPLEMENT, physiology/ *ENDOTOXINS, pharmacodynamics/ GUINEA PIGS/ LEUKOPENIA, etiology/ *LIPOPOLYSACCHARIDES, pharmacodynamics/ *POLYSACCHARIDES, BACTERIAL, pharmacodynamics/ SNAKES/ VENOMS, pharmacodynamics

3800. **Kane RC, Newman AB:** Case reports. Diffuse skeletal and hepatic hemangiomatosis.
Calif Med 118:41-4, Mar 73
AGED/ *BONE NEOPLASMS, complications/ BONE NEOPLASMS, pathology/ BONE NEOPLASMS, radiography/ CASE REPORT/ FEMALE/ *HEMANGIOMA, complications/ HEMANGIOMA, pathology/ HEMANGIOMA, radiography/ HUMAN/ *LIVER NEOPLASMS, complications/ LIVER NEOPLASMS, pathology/ LIVER NEOPLASMS, radiography/ PLEURAL EFFUSION, etiology

3801. **Kanfer A, Richet G:** Coagulation intra-vasculaire et néphropathies. Rev Prat 22:2389-401, 21 May 72 (Fre)
DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ FIBRIN/ GLOMERULONEPHRITIS, physiopathology/ HEPARIN, therapeutic use/ KIDNEY DISEASES, complications/ KIDNEY FAILURE, ACUTE, complications/ NEPHRITIS, INTERSTITIAL, physiopathology/ PREGNANCY COMPLICATIONS, INFECTIOUS/ SEPTICEMIA, complications/ SPECIAL LIST FOREIGN

3802. **Kang SH, Fuchs MS:** An improvement in the Hummel chymotrypsin assay. Anal Biochem 54:262-5, Jul 73
ALCOHOL, ETHYL/ ALCOHOL, METHYL/ BENZOATES/ CATTLE/ *CHYMOTRYPSIN, analysis/ *CHYMOTRYPSIN, metabolism/ COMPARATIVE STUDY/ ESTERS/ EVALUATION STUDIES/ KINETICS/ METHODS/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TIME FACTORS/ TYROSINE

3803. **Kania L, Siemion IZ:** Investigations of hydrogen-deuterium exchange in -chymotrypsin.
Acta Biochim Pol 20:15-23, 1973
CATTLE/ *CHYMOTRYPSIN/ DEUTERIUM/ HYDROGEN/ PROTEIN CONFORMATION/ SPECTROPHOTOMETRY, INFRARED/ THERMODYNAMICS

3804. **Kaniak J, Knapik Z, Kotschy M, et al:** Aktywność koagulacyjna i fibrynolityczna krwi u osób w wieku podeszłym.
Pol Tyg Lek 28:771-3, 20 May 73 (Pol)
AGE FACTORS/ AGED/ *BLOOD COAGULATION/ *BLOOD COAGULATION DISORDERS, occurrence/ ENGLISH ABSTRACT/ *FIBRINOLYSIS/ HUMAN/ MALE

3805. **Kanner RE, Klauber MR, Watanabe S, et al:** Pathologic patterns of chronic obstructive pulmonary diseases in patients with normal and deficient levels of alpha 1 antitrypsin. Am J Med 54:706-12, Jun 73
ADULT/ AGED/ FEMALE/ GENOTYPE/ HUMAN/ *LUNG DISEASES, OBSTRUCTIVE, etiology/ LUNG DISEASES, OBSTRUCTIVE, physiopathology/ MALE/ *METABOLISM, INBORN ERRORS, complications/ METABOLISM, INBORN ERRORS, physiopathology/ MIDDLE AGE/ PHENOTYPE/ RADIOISOTOPES/ RESPIRATORY FUNCTION TESTS/ SMOKING, complications/ TRYPSIN INHIBITORS, blood/ *TRYPSIN INHIBITORS, metabolism/ XENON

3806. **Kano M, Shimada Y:** Tetrodotoxin-resistant electric activity in chick skeletal muscle cells differentiated in vitro. J Cell Physiol 81:85-9, Feb 73
CELL DIFFERENTIATION/ CELLS, CULTURED/ CHICK EMBRYO/ ELECTROPHYSIOLOGY/ MANGANESE, pharmacodynamics/ MEMBRANE POTENTIALS, drug effects/ MUSCLES, cytology/ MUSCLES, drug effects/ *MUSCLES, physiology/ *TETRODOTOXIN, pharmacodynamics/ TISSUE CULTURE/ TRYPSIN

3807. **Kapeller M, Gal-Oz R, Grover NB, et al:** Natura shedding of carbohydrate-containing macromolecule from cell surfaces. Exp Eye Res 79:152-8, Apr 7
AGGLUTINATION TESTS/ CARBOHYDRATES, metabolism/ CARBON ISOTOPES/ CELL LINE/ CELL MEMBRANE, metabolism/ CELLS, CULTURED, immunology/ *CELLS, CULTURED, metabolism/ CHICK EMBRYO/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS/ FIBROBLASTS/ GLUCOSAMINE, metabolism/ KIDNEY/ MACROMOLECULAR SYSTEMS/

MICE/ MICE, INBRED C3H/ PLANT AGGLUTININS/ TRITIUM/ TRYPSIN/ WHEAT

3808. **Kaplan AP, Austen KF:** The fibrinolytic pathway of human plasma. Isolation and characterization of the plasminogen proactivator.
J Exp Med 136:1378-93, 1 Dec 72
AMINOCAPROIC ACID, pharmacodynamics/ *BLOOD COAGULATION FACTORS/ BLOOD COAGULATION FACTORS, isolation & purification/ COMPLEMENT/ ELECTROPHORESIS, DISK/ *FACTOR XII/ FACTOR XII, isolation & purification/ *FIBRINOLYSIN/ FIBRINOLYSIN, antagonists & inhibitors/ *FIBRINOLYSIS/ GEL FILTRATION/ HISTIDINE, antagonists & inhibitors/ HUMAN/ ISOELECTRIC FOCUSING/ KALLIKREIN/ KININS/ MOLECULAR WEIGHT/ PLASMINOGEN/ PLASMINOGEN, antagonists & inhibitors/ SERINE, antagonists & inhibitors/ STREPTOKINASE/ THROMBOPLASTIN

3809. **Kaplan AP, Goetzl EJ, Austen KF:** The fibrinolytic pathway of human plasma. II. The generation of chemotactic activity by activation of plasminogen proactivator. J Clin Invest 52:2591-5, Oct 73
*BLOOD/ *CHEMOTAXIS, drug effects/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DIALYSIS/ FACTOR XI/ FACTOR XII/ *FIBRINOLYSIS, drug effects/ HUMAN/ ISOFLUROPHATE, pharmacodynamics/ KALLIKREIN/ *PLASMINOGEN, pharmacodynamics

3810. **Kaplan DM, Woodward DO:** Evaluation of applicability of tryptic peptide maps for "finger printing" mitochondrial membrane protein preparations.
Anal Biochem 52:102-10, Mar 73
CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS, PAPER/ EVALUATION STUDIES/ INDENES/ INDICATORS AND REAGENTS/ KETONES/ MEMBRANES, analysis/ *MITOCHONDRIA, analysis/ NEUROSPORA CRASSA, cytology/ *PEPTIDES, analysis/ PROTEINS, analysis/ TRYPSIN

3811. **Kaplan H:** Determination of the ionization constants and reactivities of the amino-termini of -chymotrypsin. J Mol Biol 72:153-62, 14 Dec 72
ALANINE/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AUTORADIOGRAPHY/ CARBON ISOTOPES/ CATTLE/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, analysis/ CYSTINE/ ELECTRIC CONDUCTIVITY/ ELECTROPHORESIS/ HYDROGEN-ION CONCENTRATION/ ISOLEUCINE/ PEPTIDE CHAIN TERMINATION/ PROTEIN CONFORMATION/ TRITIUM

3812. **Kaplan I, Ger R:** The carbon dioxide laser in clinical surgery. A preliminary report.
Isr J Med Sci 9:79-83, Jan 73
BURNS, surgery/ *CARBON DIOXIDE, therapeutic use/ CERVIX EROSION, surgery/ FEMALE/ HEMORRHOIDS, surgery/ HEMOSTASIS/ HUMAN/ *LASERS, therapeutic use/ MASTECTOMY/ MELANOMA, surgery/ MIDDLE AGE/ NEOPLASMS, surgery/ RECTAL NEOPLASMS, surgery/ SKIN, transplantation/ SKIN NEOPLASMS, surgery/ SURGICAL WOUND INFECTION, prevention & control/ TRANSPLANTATION, AUTOLOGOUS/ WOUND HEALING

3813. **Kaplan PD, Kuhn C, Pierce JA:** The induction of emphysema with elastase. I. The evolution of the lesion and the influence of serum.
J Lab Clin Med 82:349-56, Sep 73
ANIMAL EXPERIMENTS/ *BLOOD/ HAMSTERS/ INJECTIONS/ LUNG, enzymology/ MALE/ PANCREATOPEPTIDASE/ PANCREATOPEPTIDASE, administration & dosage/ PANCREATOPEPTIDASE, analysis/ PANCREATOPEPTIDASE, antagonists & inhibitors/ PULMONARY ALVEOLI, pathology/ *PULMONARY EMPHYSEMA, chemically induced/ PULMONARY EMPHYSEMA, pathology/ TIME FACTORS/ TRACHEA/ TRYPSIN INHIBITORS, blood/ TRYPSIN INHIBITORS, pharmacodynamics

3814. **Kaplan W, Kaufman L, McClure HM:** Pathogenesis and immunological aspects of experimental histoplasmosis in cynomolgus monkeys (Macaca fascicularis). Infect Immun 5:847-53, Jun 72
ANIMAL EXPERIMENTS/ ANTIBODIES, FUNGAL, analysis/ ANTIBODY FORMATION/ ANTIGENS, FUNGAL/ BLOOD PRESERVATION/ COMPLEMENT FIXATION TESTS/ FEMALE/ GEL DIFFUSION TESTS/ HISTOPLASMA, immunology/ HISTOPLASMIN/ HISTOPLASMOSIS, diagnosis/ *HISTOPLASMOSIS, immunology/ HISTOPLASMOSIS, microbiology/ HISTOPLASMOSIS, pathology/ IMMUNE SERUMS/ INJECTIONS, INTRAPERITONEAL/ LATEX FIXATION TESTS/ LIVER, pathology/ LYMPH NODES, pathology/ *MACACA, immunology/ MALE/ MONKEYS/ PRECIPITINS, biosynthesis/ SERODIAGNOSIS

3815. **Kappagoda CT, Deverall PB, Stoker JB, et al:** Postoperative alkalemia.
J Thorac Cardiovasc Surg 66:305-10, Aug 73
*ACID-BASE EQUILIBRIUM/ ALKALOSIS, blood/ BICARBONATES/ CARBON DIOXIDE, blood/ CHILD/ CHILD, PRESCHOOL/ CITRATES/ EXTRACORPOREAL CIRCULATION/ FEMALE/ *HEART SURGERY/ HEPARIN/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MALE/ MERCURY/ OXYGEN, blood/ PERFUSION/ *POSTOPERATIVE COMPLICATIONS/ TIME FACTORS

3816. **Kaptué L:** La conservation des plaquettes à la température du laboratoire.
Nouv Presse Med 1:2047-8, 9 Sep 72 (Fre)
BACTERIA, growth & development/ *BLOOD PLATELETS/ *BLOOD PRESERVATION/ CITRATES/ GLUCOSE/ HUMAN/ METHODS/ PHOSPHATES/ PLATELET ADHESIVENESS/ STERILIZATION/ TEMPERATURE

3817. **Kapur BM, Gulati SM, Talwar JR:** Prevention of reformation of peritoneal adhesions. Effect of oxyphenbutazone, proteolytic enzymes from carica papaya, and dextran 40. Arch Surg 104:761-4, Nov 72
*ADHESIONS, prevention & control/ ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ CECUM, pathology/ COLON, pathology/ DEXTRAN, administration & dosage/ *DEXTRAN, therapeutic use/ INJECTIONS, INTRAPERITONEAL/ LAPAROTOMY/ MONKEYS/ OXYPHENBUTAZONE, administration & dosage/ *OXYPHENBUTAZONE, therapeutic use/ PEPTIDE HYDROLASES, administration & dosage/ *PEPTIDE HYDROLASES, therapeutic use/ *PERITONEAL DISEASES, prevention & control/ PERITONEUM, pathology/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ RABBITS

3818. **Kapur BM, Gulati SM, Talwar JR:** Prevention of reformation of peritoneal adhesions. Effect of oxyphenbutazone, proteolytic enzymes from carica papaya, and dextran 40. Arch Surg 105:761-4, Nov 72
*ADHESIONS, prevention & control/ ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ CECUM, pathology/ COLON, pathology/ DEXTRAN, administration & dosage/ *DEXTRAN, therapeutic use/ INJECTIONS, INTRAPERITONEAL/ LAPAROTOMY/ MONKEYS/ OXYPHENBUTAZONE, administration & dosage/ *OXYPHENBUTAZONE, therapeutic use/ *PERITONEAL DISEASES, prevention & control/ PERITONEUM, pathology/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ RABBITS

3819. **Kar NC, Pearson CM:** Acid, neutral and alkaline cathepsins in normal and diseased human muscle.
Enzyme 13:188-96, 1972
ADOLESCENCE/ ADULT/ AGED/ AUTOLYSIS, enzymology/ *CATHEPSIN, analysis/ CATTLE/

CHILD/ CHILD, PRESCHOOL/ DIALYSIS/ FIBRINOGEN/ HEMOGLOBIN/ HORSES/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MALE/ MIDDLE AGE/ MUSCLE PROTEINS, analysis/ *MUSCLES, enzymology/ MUSCLES, pathology/ *MUSCULAR DISEASES, enzymology/ MYOGLOBIN/ NEUROMUSCULAR DISEASES, enzymology/ TIME FACTORS

3820. **Karaca M, Cronberg L, Nilsson IM:** Abnormal platelet-collagen reaction in Ehlers-Danlos syndrome.
Scand J Haematol 9:465-9, 1972
BLOOD COAGULATION TESTS/ CHILD/ CHILD, PRESCHOOL/ *COLLAGEN/ *EHLERS-DANLOS SYNDROME, physiopathology/ FEMALE/ HUMAN/ MALE/ *PLATELET ADHESIVENESS/ TIME FACTORS

3821. **Karaharju EO:** Blunt abdominal trauma in patients with multiple injuries. Injury 4:307-10, May 73
ABDOMINAL INJURIES, mortality/ *ABDOMINAL INJURIES, occurrence/ *ACCIDENTS, TRAFFIC/ FEMALE/ FINLAND/ FRACTURES, etiology/ HEMATOMA, etiology/ HUMAN/ MALE/ SPLENIC RUPTURE, surgery/ TRANSPORT OF WOUNDED AND SICK

3822. **Karal'nik BV:** Stabilizatsiia i primenenie stabilizirovannykh éritrotsitov v laboratornof praktike (obzor literatury). I. Metody stabilizatsii.
Lab Delo 12:723-6, 1972 (53 ref.) (Rus)
ACETALDEHYDE/ ALDEHYDES/ BLOOD PRESERVATION/ *ERYTHROCYTES/ FORMALDEHYDE/ HEMAGGLUTINATION/ METHODS/ PLASMA SUBSTITUTES/ REVIEW

3823. **Karasek E:** Zur Frage des Serumeinflusses auf die Vermehrungsrate von Frischzellkulturen.
Arch Exp Veterinaermed 27:191-6, 1973 (Ger)
ANIMAL EXPERIMENTS/ *BLOOD PROTEINS/ CATS/ CELL COUNT, veterinary/ CELL DIVISION/ *CELLS, CULTURED/ CHICK EMBRYO/ ELECTRONICS, MEDICAL/ ENGLISH ABSTRACT/ FEMALE/ *FIBROBLASTS/ HORSES/ MALE/ SHEEP/ SPECIES SPECIFICITY/ TRYPSIN

3824. **Karayalcin G, Imran M, Rosner F:** Priapism in sickle cell disease: report of five cases.
Am J Med Sci 264:289-93, Oct 72
ADULT/ *ANEMIA, SICKLE CELL, complications/ BLOOD TRANSFUSION/ CHLORPROMAZINE, therapeutic use/ CODEINE, therapeutic use/ DIETHYLSTILBESTROL, therapeutic use/ DRAINAGE/ HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ MALE/ MEPERIDINE, therapeutic use/ PRIAPISM, drug therapy/ *PRIAPISM, etiology/ UREA, therapeutic use

3825. **Karayalcin G, Suluja GS, Aballi AJ:** Thrombocytopenia in malignant diphtheria.
N Engl J Med 288:914, 26 Apr 73
CHILD, PRESCHOOL/ *DIPHTHERIA, complications/ FEMALE/ HUMAN/ *THROMBOPENIA, etiology

3826. **Kareem HA, Gilles AM, Nguyen-Thanh T, et al:** Trypsin inhibitory activity associated with the subunit of the haemocyanin of Achatina fulica.
Comp Biochem Physiol [B] 44:963-70, 15 Apr 73
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CATTLE/ GEL FILTRATION/ *HEMOCYANIN/ HEMOCYANIN, analysis/ HEMOCYANIN, isolation & purification/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ *SNAILS/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *TRYPSIN INHIBITORS, isolation & purification

3827. **Kariya M, Kaplan A:** Effects of acidic phospholipids, nucleotides, and heparin on the activity of lipase from rat liver lysosomes. J Lipid Res 14:243-9, Mar 73
ANIMAL EXPERIMENTS/ CARDIOLIPINS, pharmacodynamics/ CEPHALINS, pharmacodynamics/ CHELATING AGENTS, pharmacodynamics/ CHROMATOGRAPHY/ CHROMATOGRAPHY, THIN LAYER/ *HEPARIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *LIPASE, metabolism/ LIVER, cytology/ *LIVER, enzymology/ *LYSOSOMES, enzymology/ *NUCLEOTIDES, pharmacodynamics/ *PHOSPHOLIPIDS, pharmacodynamics/ RATS/ SURFACE-ACTIVE AGENTS, pharmacodynamics/ TRITIUM

3828. **Kariya M, Kaplan A:** Effects of acidic phospholipids, nucleotides, and heparin on the activity of lipase from rat liver lysosomes. J Lipid Res 14:243-9, Mar 73
ACACIA/ ANIMAL EXPERIMENTS/ CARDIOLIPINS, pharmacodynamics/ CEPHALINS, pharmacodynamics/ CHELATING AGENTS, pharmacodynamics/ *HEPARIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ IONS, pharmacodynamics/ KINETICS/ LIPASE, antagonists & inhibitors/ *LIPASE, metabolism/ LIVER, drug effects/ *LIVER, enzymology/ LYSOSOMES, drug effects/ *LYSOSOMES, enzymology/ OSMOLAR CONCENTRATION/ PHOSPHATES, pharmacodynamics/ *PHOSPHOLIPIDS, pharmacodynamics/ PYROPHOSPHATES, pharmacodynamics/ RATS/ RESINS, pharmacodynamics/ *RIBONUCLEOTIDES, pharmacodynamics/ STRUCTURE-ACTIVITY RELATIONSHIP/ SURFACE-ACTIVE AGENTS, pharmacodynamics/ TAUROCHOLIC ACID, pharmacodynamics

3829. **Karl L, Chvapil M, Zukoski CF:** Effect of zinc on the viability and phagocytic capacity of peritoneal macrophages.
Proc Soc Exp Biol Med 142:1123-7, Apr 73
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, metabolism/ HYDROGEN-ION CONCENTRATION/ LYMPHOCYTES, metabolism/ *MACROPHAGES, drug effects/ MACROPHAGES, metabolism/ MALE/ MICE/ PERITONEUM/ *PHAGOCYTOSIS, drug effects/ SILICA, pharmacodynamics/ STAPHYLOCOCCUS/ ZINC, metabolism/ ZINC, pharmacodynamics

3830. **Karle A, Gjerris F:** Conray ventriculography carried out as seriography on a biplane serial changer.
Neuroradiology 5:145-9, Jun 73
ADOLESCENCE/ ADULT/ BRAIN DISEASES, radiography/ *BRAIN DISEASES, radiography/ CEREBELLAR NEOPLASMS, radiography/ CEREBRAL VENTRICLE NEOPLASMS, radiography/ CHILD/ CHILD, PRESCHOOL/ CYSTS, radiography/ EVALUATION STUDIES/ FEMALE/ HEMATOMA, radiography/ HUMAN/ HYDROCEPHALUS, radiography/ INFANT/ *IOTHALAMIC ACID/ MALE/ MELANOMA/ MIDDLE AGE/ NEOPLASM METASTASIS/ SEPTUM PELLUCIDUM, radiography/ *VENTRICULOGRAPHY

3831. **Karlsson E, Eaker D:** Chemical modifications of the postsynaptic Naja naja neurotoxins.
J Formosan Med Assoc 71:358-71, 28 Jun 72
ACETYLATION/ AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ ARTHROBACTER, enzymology/ BENZYL COMPOUNDS/ CARBAMATES/ CHEMISTRY/ *CURARE-LIKE AGENTS/ CYANATES/ LETHAL DOSE 50/ MICE/ NITRO COMPOUNDS/ PEPTIDE HYDROLASES/ PHENOLS/ *SNAKES/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TOXINS/ TOXINS, analysis/ TOXINS, toxicity/ TRITIUM

3832. **Karpatkin M, Karpatkin S:** Evidence for a humoral agent capable of raising vitamin-K-dependent coagulation factors in rabbits.
Br J Haematol 24:553-62, May 73
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION FACTORS, analysis/ BLOOD TRANSFUSION/ FACTOR V, analysis/ FACTOR VII, analysis/ FACTOR IX, analysis/ FACTOR X, analysis/ FEMALE/ INJECTIONS, INTRAMUSCULAR/ MALE/ PROTHROMBIN, analysis/ RABBITS/ STIMULATION,

CHEMICAL/ *VITAMIN K/ WARFARIN, administration & dosage/ WARFARIN, pharmacodynamics

3833. **Karpatkin S:** Biochemical and clinical aspects of megathrombocytes.
Ann NY Acad Sci 201:262-79, 27 Oct 72
ALCOHOL OXIDOREDUCTASES, blood/ BLOOD PLATELET DISORDERS, blood/ BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, physiology/ CENTRIFUGATION/ FATTY ACIDS, UNSATURATED, metabolism/ GLUCOSEPHOSPHATE DEHYDROGENASE, blood/ GLUTATHIONE, blood/ GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE, blood/ HEXOKINASE, blood/ HUMAN/ LACTATE DEHYDROGENASE, blood/ MEGAKARYOCYTES/ NUCLEOTIDES, blood/ PHOSPHOFRUCTOKINASE, blood/ PYRIDINES, blood/ RADIOISOTOPES/ SELENIUM/ ULTRASONICS

3834. **Karpatkin S:** Human platelet senescence.
Annu Rev Med 23:101-28, 1972 (56 ref.)
AGING/ BLOOD PLATELETS, enzymology/ BLOOD PLATELETS, metabolism/ *BLOOD PLATELETS, physiology/ BLOOD PROTEINS, biosynthesis/ CELL AGGREGATION/ CELL SURVIVAL/ CHROMIUM ISOTOPES/ GLYCOGEN, blood/ GLYCOGENOSIS/ HUMAN/ ISOFLUROPHATE/ KINETICS/ LEUCINE, metabolism/ MEGAKARYOCYTES, growth & development/ OSMOTIC FRAGILITY/ OXIDATION-REDUCTION/ PHOSPHATES, blood/ PLATELET ADHESIVENESS/ RADIOISOTOPES/ REVIEW/ RNA, analysis/ THROMBIN, metabolism/ TIME FACTORS/ VALINE, metabolism

3835. **Karpatkin S, Strick N, Siskind GW:** Detection of splenic anti-platelet antibody synthesis in idiopathic autoimmune thrombocytopenic purpura (ATP).
Br J Haematol 23:167-76, Aug 72
AMINO ACIDS, metabolism/ ANTIBODIES, analysis/ *ANTIBODY FORMATION/ *AUTOIMMUNE DISEASES/ *BLOOD PLATELETS, immunology/ CARBON ISOTOPES/ ERYTHROCYTES/ HUMAN/ IGG, biosynthesis/ LEUKOCYTES/ *PURPURA, THROMBOPENIC, immunology/ *SPLEEN, immunology/ SPLEEN, metabolism/ SPLENECTOMY

3836. **Karpatkin S, Weiss HJ:** Deficiency of glutathione peroxidase associated with high levels of reduced glutathione in glanzmann's thrombasthenia.
N Engl J Med 287:1062-6, 23 Nov 72
ADENOSINE TRIPHOSPHATE, blood/ BLOOD PLATELET DISORDERS, blood/ BLOOD PLATELET DISORDERS, enzymology/ *BLOOD PLATELET DISORDERS, familial & genetic/ BLOOD PLATELETS, analysis/ BLOOD PLATELETS, enzymology/ GLUTATHIONE/ *GLUTATHIONE, blood/ HEMORRHAGE/ HUMAN/ LACTATES, blood/ OXIDATION-REDUCTION/ *PEROXIDASES, blood/ PEROXIDES, blood/ PLATELET ADHESIVENESS/ PURPURA, THROMBOPENIC, blood/ PURPURA, THROMBOPENIC, enzymology/ *PURPURA, THROMBOPENIC, familial & genetic/ SYNDROME

3837. **Karpenko VH, Olefir AI, Sova RE:** Tromboelastohramy riznykh vydiv laboratornykh tvaryn.
Fiziol Zh 18:831-4, Nov-Dec 72 (Ukr)
ANIMAL EXPERIMENTS/ *ANIMALS, LABORATORY, physiology/ CATS/ GUINEA PIGS/ RABBITS/ RATS/ *THROMBELASTOGRAPHY

3838. **Karplus S, Snyder GH, Sykes BD:** A nuclear magnetic resonance study of bovine pancreatic trypsin inhibitor. Tyrosine titrations and backbone NH groups.
Biochemistry 12:1323-9, 27 Mar 73
*AMINES, analysis/ CATTLE/ CHEMISTRY/ DEUTERIUM/ HYDROGEN-ION CONCENTRATION/ MERCAPTOETHANOL/ NUCLEAR MAGNETIC RESONANCE/ *PANCREAS, analysis/ PROTEIN DENATURATION/ PROTONS/ *TRYPSIN INHIBITORS, analysis/ *TYROSINE, analysis/ UREA

3839. **Kartashevskii NG, Kuz'min VA:** Vybor metoda perelivaniia krovi.
Khirurgiia (Mosk) 48:24-7, Aug 72 (Rus)
BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ HUMAN/ METHODS

3840. **Kartashevskii NG, Rumiantsev VV, Mikhnovich EP, et al:** K voprosu otsenki kachestva stabilizatsii krovi i kostnogo mozga.
Probl Gematol Pereliv Krovi 17:18-21, Jul 72 (Rus)
BLOOD COAGULATION/ *BLOOD PRESERVATION/ *BONE MARROW CELLS/ ENGLISH ABSTRACT/ HUMAN/ METHODS

3841. **Karvonen MJ:** Ravinnon rasvat.
Duodecim 88:1559-69, 1972 (Fin)
CHOLESTEROL, blood/ COMMERCE/ COOKERY/ CORONARY DISEASE/ CROSS-CULTURAL COMPARISON/ DIET/ DIET, ATHEROGENIC/ *DIETARY FATS/ DIETARY FATS, metabolism/ FATTY ACIDS/ FATTY ACIDS, NONESTERIFIED/ FATTY ACIDS, UNSATURATED/ FOOD HABITS/ FOOD SUPPLY/ HUMAN/ INTESTINAL ABSORPTION/ *NUTRITION/ NUTRITIONAL REQUIREMENTS/ SOCIOECONOMIC FACTORS/ STATISTICS

3842. **Kasbarian M, Acquaviva PC, Maestracci D, et al:** Angiomyolipome du rein, révélateur d'une sclérose de Bourneville.
J Radiol Electrol Med Nucl 53:897-8, Dec 72 (Fre)
ADULT/ ANGIOGRAPHY/ CASE REPORT/ *HEMANGIOMA, radiography/ HUMAN/ *KIDNEY NEOPLASMS, radiography/ *LIPOMA, radiography/ MALE/ NEPHRECTOMY/ *TUBEROUS SCLEROSIS, radiography

3843. **Kaše F:** Beitrag zum Vergleich des Gerinnungssystems beim Menschen, Kaninchen, Hund und Schwein.
Folia Haematol (Leipz) 97:302-7, 1972 (Ger)
ADOLESCENCE/ ADULT/ ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ *BLOOD COAGULATION/ *BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ COMPARATIVE STUDY/ DOGS/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS/ HUMAN/ MALE/ PROTHROMBIN TIME/ RABBITS/ SPECIES SPECIFICITY/ SWINE/ THROMBELASTOGRAPHY

3844. **Kaše F:** Srovnání některých koagulačních testů u člověka a u čtyř druhů savců (králík, pes, kráva a prase.
Vet Med (Praha) 17:495-500, Aug 72 (Cze)
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ *BLOOD COAGULATION TESTS, veterinary/ BLOOD PLATELETS, physiology/ *CATTLE, physiology/ *DOGS, physiology/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ HUMAN/ PHYSIOLOGY, COMPARATIVE/ *RABBITS, physiology/ *SWINE, physiology/ THROMBELASTOGRAPHY

3845. **Käser-Glanzmann R, Jakábová M, Lüscher EF:** Isolation and some properties of the heparin-neutralizing factor (PF4) released from human blood platelets.
Experientia 28:1221-3, 15 Oct 72
*BLOOD COAGULATION/ *BLOOD PLATELETS, analysis/ CENTRIFUGATION/ GEL FILTRATION/ HEPARIN ANTAGONISTS, blood/ HUMAN/ MOLECULAR WEIGHT

3846. **Kasper CK:** Postoperative thromboses in hemophilia B.
N Engl J Med 289:160, 19 Jul 73
*CHRISTMAS DISEASE, complications/ HUMAN/ *POSTOPERATIVE COMPLICATIONS/ PROTHROMBIN, adverse effects/ *THROMBOSIS, etiology

3847. **Kasper CK, McDonald JD:** Standardization of factor VIII preparations.
N Engl J Med 288:215, 25 Jan 73

*FACTOR VIII, standards/ FACTOR VIII, therapeutic use/ HEMOPHILIA, therapy/ HUMAN/ MALE

3848. **Kasper CK, Rapaport SI:** Bleeding times and platelet aggregation after analgesics in hemophilia.
Ann Intern Med 77:189-93, Aug 72
ACETAMINOPHEN, administration & dosage/ ACETAMINOPHEN, pharmacodynamics/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADOLESCENCE/ ADULT/ *ANALGESICS AND ANTIPYRETICS, pharmacodynamics/ ASPIRIN, administration & dosage/ ASPIRIN, pharmacodynamics/ BLOOD COAGULATION FACTORS, analysis/ *BLOOD COAGULATION TESTS/ CLINICAL RESEARCH/ COLLAGEN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ *HEMOPHILIA, physiopathology/ HUMAN/ MALE/ PLACEBOS/ *PLATELET ADHESIVENESS, drug effects/ PROPOXYPHENE, administration & dosage/ PROPOXYPHENE, pharmacodynamics/ SODIUM CHLORIDE, pharmacodynamics

3849. **Kass L:** Enzymatic abnormalities in megakaryocytes.
Acta Haematol (Basel) 49:193-9, 1973
BIOPSY, NEEDLE/ BONE MARROW, enzymology/ BONE MARROW EXAMINATION/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ GLYCEROLPHOSPHATE DEHYDROGENASE, metabolism/ *HEMORRHAGIC THROMBOCYTHEMIA, enzymology/ HEMORRHAGIC THROMBOCYTHEMIA, pathology/ HUMAN/ LACTATE DEHYDROGENASE, metabolism/ MALATE DEHYDROGENASE, metabolism/ *MEGAKARYOCYTES, enzymology/ *MYELOID METAPLASIA, enzymology/ MYELOID METAPLASIA, pathology/ *OXIDOREDUCTASES, metabolism/ PHOSPHOGLUCONATE DEHYDROGENASE, metabolism/ *PURPURA, THROMBOPENIC, enzymology/ PURPURA, THROMBOPENIC, pathology/ STAINS AND STAINING/ SUCCINATE DEHYDROGENASE, metabolism

3850. **Kass L:** Nuclear "speckling" in thrombotic thrombocytopenic purpura proerythroblasts.
Am J Clin Pathol 59:869-71, Jun 73
*CELL NUCLEUS/ CHROMATIN, analysis/ *ERYTHROCYTES/ *HISTONES, blood/ HUMAN/ *PURPURA, THROMBOTIC THROMBOPENIC, pathology/ STAINS AND STAINING

3851. **Kassell B, Kay J:** Zymogens of proteolytic enzymes.
Science 180:1022-7, 8 Jun 73 (43 ref.)
ANIMAL EXPERIMENTS/ ARGININE, metabolism/ CARBOXYPEPTIDASES/ CATHEPSIN/ CATTLE/ ENZYME ACTIVATION/ *ENZYME PRECURSORS, metabolism/ HEMOGLOBIN, metabolism/ HYDROGEN-ION CONCENTRATION/ ISOFLUROPHATE, pharmacodynamics/ MOLECULAR CONFORMATION/ PAPAIN/ PEPSINOGEN, metabolism/ *PEPTIDE PEPTIDOHYDROLASES/ RENNIN/ REVIEW/ SPECTRUM ANALYSIS/ STREPTOCOCCUS, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP/ TEMPERATURE/ TOSYL COMPOUNDS, metabolism/ TRYPSIN INHIBITORS, pharmacodynamics/ TRYPSINOGEN, metabolism

3852. **Kassur B, Cianciara J, Gruszecka H, et al:** Dekstran niskoczasteczkowy 40 000 w leczeniu wirusowego zapalenia wątroby.
Przegl Epidemiol 26:319-30, 1972 (Pol)
ADOLESCENCE/ ADULT/ BLOOD COAGULATION, drug effects/ DEXTRAN, pharmacodynamics/ *DEXTRAN, therapeutic use/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FEMALE/ *HEPATITIS, INFECTIOUS, drug therapy/ HUMAN/ MALE/ MIDDLE AGE

3853. **Kassur B, Januszkiewicz J, Poznańska H, et al:** Liver efficiency of patients treated with extracorporeal perfusion because of coma complicating viral hepatitis. Biochemical and coagulological studies.
Pol Med J 11:786-92, 1972
ACUTE DISEASE/ ALANINE AMINOTRANSFERASE, blood/ AMMONIA, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, analysis/ BLOOD PROTEINS, analysis/ CHOLINESTERASE, blood/ HEPATIC COMA, complications/ *HEPATIC COMA, therapy/ HEPATITIS, INFECTIOUS, complications/ *HEPATITIS, INFECTIOUS, therapy/ HUMAN/ *LIVER, physiopathology/ METHODS/ *PERFUSION

3854. **Kasturi J, Saraya AK, Ramkishan:** A study of platelet function in primary thrombopathy.
Indian J Med Res 60:567-75, Apr 72
ADOLESCENCE/ ADULT/ BLOOD COAGULATION FACTORS, metabolism/ BLOOD COAGULATION TESTS/ *BLOOD PLATELET DISORDERS, blood/ BLOOD PLATELET DISORDERS, familial & genetic/ *BLOOD PLATELETS, metabolism/ FEMALE/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ PEDIGREE/ PHOSPHOLIPIDS, metabolism/ PLATELET ADHESIVENESS

3855. **Kasubuchi Y, Sawada T, Nakamura T:** Successful treatment of neonatal retroperitoneal hemangioma with corticosteroid. J Pediatr Surg 8:59-62, Feb 73
BETAMETHASONE, administration & dosage/ *BETAMETHASONE, therapeutic use/ FEMALE/ *HEMANGIOMA, CAVERNOUS, drug therapy/ HEMANGIOMA, CAVERNOUS, pathology/ HEMANGIOMA, CAVERNOUS, radiography/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, drug therapy/ INFANT, NEWBORN, DISEASES, pathology/ INFANT, NEWBORN, DISEASES, radiography/ INFANT, NEWBORN, DISEASES, surgery/ *RETROPERITONEAL NEOPLASMS, drug therapy/ RETROPERITONEAL NEOPLASMS, pathology/ RETROPERITONEAL NEOPLASMS, radiography/ RETROPERITONEAL NEOPLASMS, surgery/ THROMBOPENIA, drug therapy/ UROGRAPHY

3856. **Kato K, Ishida M, Higashi Y, et al:** Le traitement preventif de l'avortement spontané, tel qu'il résulte de l'étude du mécanisme de contraction et de relaxation du muscle utérin.
Gynecol Prat 23:89-94, 1972 (Fre)
ABORTION, THREATENED, drug therapy/ *ABORTION, THREATENED, prevention & control/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ FEMALE/ HEMOSTATICS, therapeutic use/ HUMAN/ *MUSCLE CONTRACTION/ PREGNANCY/ PROGESTERONE, therapeutic use/ RABBITS/ REST/ *UTERUS, physiopathology

3857. **Kato T, Kojima K, Murachi T:** Proteases of macrophages in rat peritoneal exudate, with special reference to the effects of actinomycete protease inhibitors. Biochim Biophys Acta 289:187-93, 10 Nov 72
*ACTINOMYCES/ ANIMAL EXPERIMENTS/ CARBAMATES, pharmacodynamics/ CASEIN/ CATHEPSIN, metabolism/ CELL ADHESION/ CELL COUNT/ CHYMOTRYPSIN, antagonists & inhibitors/ CULTURE MEDIA/ ERYTHROCYTE COUNT/ EXUDATES AND TRANSUDATES, enzymology/ GLASS/ GLYCOGEN, pharmacodynamics/ HEMOGLOBIN/ HYDROGEN-ION CONCENTRATION/ *MACROPHAGES, enzymology/ MERCURY, pharmacodynamics/ OLIGOPEPTIDES, pharmacodynamics/ PEPSIN, antagonists & inhibitors/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ PERITONEAL CAVITY/ PROTEIN DENATURATION/ RATS/ TRYPSIN INHIBITORS, pharmacodynamics

3858. **Kats BA:** Search for a "sickling index".
Lancet 2:742-3, 29 Sep 73
ALTITUDE/ *ANEMIA, SICKLE CELL,

diagnosis/ ANEMIA, SICKLE CELL, occurrence/ AVIATION MEDICINE/ BLOOD PLATELETS/ HEMOGLOBIN/ HUMAN

3859. **Katsumoto K: Changes of blood cells at high altitude (II).** Jap Circ J 36:1329-33, Dec 72
*ALTITUDE/ ANOXIA/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ EOSINOPHILS/ ERYTHROCYTE COUNT/ *ERYTHROCYTES/ HEART AUSCULTATION/ HEMATOCRIT/ HEMATOCRIT, instrumentation/ HUMAN/ LEUKOCYTE COUNT/ *LEUKOCYTES/ LYMPHOCYTES/ MALE/ MONOCYTES/ USSR

3860. **Katsura I, Noda H: Structure and polymorphism of light meromyosin aggregates.**
J Biochem (Tokyo) 73:257-68, Feb 73
ANIMAL EXPERIMENTS/ CHEMISTRY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HYDROGEN-ION CONCENTRATION/ MEROMYOSINS/ MICROSCOPY, ELECTRON/ MODELS, CHEMICAL/ *MYOSIN/ POTASSIUM CHLORIDE/ RABBITS/ TRYPSIN

3861. **Kattlove HE, Alexander B, White F: The effect of cold on platelets. II. Platelet function after short-term storage at cold temperatures.** Blood 40:688-96, Nov 72
ADENOSINE DIPHOSPHATE, pharmacodynamics/ *BLOOD PLATELETS/ BLOOD PLATELETS, drug effects/ *BLOOD PRESERVATION/ BLOOD TRANSFUSION/ CARBON ISOTOPES/ CELL SURVIVAL/ *COLD/ CONNECTIVE TISSUE/ EPINEPHRINE, pharmacodynamics/ FILTRATION/ HUMAN/ MICROSCOPY, PHASE CONTRAST/ PLATELET ADHESIVENESS/ SEROTONIN, metabolism

3862. **Kattwinkel J, Taussig LM, Statland BE, et al: The effects of age on alkaline phosphatase and other serologic liver function tests in normal subjects and patients with cystic fibrosis.**
J Pediatr 82:234-42, Feb 73
ADOLESCENCE/ ADULT/ AGE FACTORS/ ALANINE AMINOTRANSFERASE, blood/ *ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BILIARY TRACT DISEASES, complications/ BILIRUBIN, blood/ CHILD/ CHILD, PRESCHOOL/ CYSTIC FIBROSIS, complications/ *CYSTIC FIBROSIS, enzymology/ FEMALE/ GLUTAMYL TRANSPEPTIDASE, blood/ HUMAN/ INTESTINES, enzymology/ IODINE ISOTOPES, DIAGNOSTIC/ ISOENZYMES, blood/ LIVER, enzymology/ *LIVER FUNCTION TESTS/ MALE/ NUCLEOTIDASES, blood/ PROTHROMBIN TIME/ PULMONARY HEART DISEASE, enzymology/ RADIOISOTOPE SCANNING/ SULFOBROMOPHTHALEIN, diagnostic use

3863. **Katz A, Little AH: Gold nephropathy. An immunopathologic study.** Arch Pathol 96:133-6, Aug 73
ANTIGEN-ANTIBODY COMPLEX/ *ARTHRITIS, RHEUMATOID, drug therapy/ EPITHELIAL CELLS/ FEMALE/ FIBRINOGEN, analysis/ FLUORESCENT ANTIBODY TECHNIC/ *GOLD, adverse effects/ GOLD, analysis/ GOLD THIOMALATE, adverse effects/ HUMAN/ IGD, analysis/ IGE, analysis/ IGG, analysis/ IGM, analysis/ KIDNEY GLOMERULUS, immunology/ KIDNEY GLOMERULUS, pathology/ KIDNEY TUBULES, PROXIMAL, analysis/ KIDNEY TUBULES, PROXIMAL, pathology/ MIDDLE AGE/ NEPHRITIS, chemically induced/ *NEPHROTIC SYNDROME, chemically induced/ NEPHROTIC SYNDROME, immunology/ NEPHROTIC SYNDROME, pathology/ RHEUMATOID FACTOR, analysis

3864. **Katz J, Krawitz S, Sacks PV, et al: Radio-isotopic studies of erythrocytes, platelets and fibrinogen in the haemolytic-uraemic syndrome of infancy.**
S Afr Med J 46:848, 17 Jun 72
*ANEMIA, HEMOLYTIC, ACQUIRED, blood/ BLOOD PLATELETS/ CHROMIUM ISOTOPES/ ERYTHROCYTE AGING/ ERYTHROCYTES/ FIBRINOGEN/ HALF-LIFE/ HEMOLYTIC-UREMIC SYNDROME, blood/ HUMAN/ INFANT/ TIME FACTORS/ *UREMIA, blood

3865. **Kaul PN, Ticku MK, Clark ML: Chlorpromazine metabolism. V. Disposition of free and conjugated metabolites in blood fractions of schizophrenic patients.** J Pharm Sci 61:1753-7, Nov 72
ADMINISTRATION, ORAL/ BLOOD PLATELETS, metabolism/ CHLORPROMAZINE, administration & dosage/ *CHLORPROMAZINE, blood/ CHLORPROMAZINE, metabolism/ CHRONIC DISEASE/ ERYTHROCYTES, metabolism/ HUMAN/ *SCHIZOPHRENIA, blood/ SCHIZOPHRENIA, drug therapy

3866. **Kaulen HD, Gross R: Demonstration of adenosin 3',5'-monophosphate dependent protein-phosphokinase in human platelets.**
Klin Wochenschr 50:1114-5, 1 Dec 72
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENOSINE MONOPHOSPHATE/ *BLOOD PLATELETS, enzymology/ HISTONES/ HUMAN/ PHOSPHORUS ISOTOPES/ *PHOSPHOTRANSFERASES, blood

3867. **Kaulla E von, Droegemueller W, Aoki N, et al: Effect of estrogens on postpartum hypercoagulability and antithrombin 3 activity.**
Am J Obstet Gynecol 113:920-6, 1 Aug 72
ADOLESCENCE/ ADULT/ *ANTITHROMBIN, antagonists & inhibitors/ ANTITHROMBIN, blood/ *BLOOD COAGULATION DISORDERS, chemically induced/ BREAST FEEDING/ *DIETHYLSTILBESTROL, pharmacodynamics/ FEMALE/ FIBRINOGEN, analysis/ HUMAN/ LACTATION, drug effects/ PREGNANCY/ *PUERPERIUM/ THROMBELASTOGRAPHY/ THROMBIN, analysis/ TIME FACTORS

3868. **Kaulla KN von, Gerloff J: In vitro-Hemmung der durch Fremdserum induzierten Thrombocytenaggregation.**
Res Exp Med (Berl) 158:152-64, 1972 (Ger)
COMPLEMENT FIXATION TESTS/ DOGS/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYTIC AGENTS, pharmacodynamics/ HEPARIN, pharmacodynamics/ *HEPARINOID, pharmacodynamics/ *IMMUNE SERUMS, pharmacodynamics/ IN VITRO/ METHODS/ *PLATELET ADHESIVENESS, drug effects/ POLYSACCHARIDES, pharmacodynamics/ SWINE

3869. **Kausz L: Über iatrogene schäden der Kumarinbehandlung.**
Zentralbl Chir 97:1758-60, 9 Dec 72 (Ger)
*COUMARINS, adverse effects/ *ERYTHEMA, chemically induced/ ERYTHEMA, immunology/ ERYTHEMA, therapy/ HEMATOMA, chemically induced/ HEMATOMA, immunology/ HEMATOMA, therapy/ HUMAN/ NECROSIS/ SKIN DISEASES, chemically induced/ SKIN DISEASES, immunology/ SKIN DISEASES, therapy

3870. **Kavanagh LW, Jaques LB: Comparison of analytical values for commerical heparin.**
Arzneim Forsch 23:605-11, Apr 73
BLOOD COAGULATION TESTS/ CARBON, analysis/ *HEPARIN, analysis/ HEPARIN, pharmacodynamics/ HYDROGEN, analysis/ NITROGEN, analysis/ NUCLEAR MAGNETIC RESONANCE/ OPTICAL ROTATION/ SODIUM, analysis/ STRUCTURE-ACTIVITY RELATIONSHIP/ SULFUR, analysis/ URONIC ACIDS, analysis/ VOLATILIZATION

3871. **Kavlie H, Dillard DH, White TT: Duodenectomy with reimplantation of the papilla into the jejunum as a treatment for benign duodenal lesions.**
Surgery 73:230-3, Feb 73
ADOLESCENCE/ ANGIOGRAPHY/ ARTERIOVENOUS MALFORMATIONS, complications/ COMMON BILE DUCT CALCULI, etiology/ DUODENAL NEOPLASMS, complications/ DUODENAL NEOPLASMS, radiography/ *DUODENAL NEOPLASMS, surgery/ *DUODENUM, surgery/

HEMANGIOMA, radiography/ *HEMANGIOMA, surgery/ HEMATOMA, complications/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ *JEJUNUM, surgery/ MALE/ METHODS/ PALLIATIVE TREATMENT/ POSTOPERATIVE COMPLICATIONS/ *VATER'S AMPULLA, surgery

3872. **Kawade Y, Matsuyama M, Yamamoto Y, et al:** Antagonism of non-inducer ribonucleic acid against induction of antiviral cell resistance and interferon by inducer ribonucleic acid.
Jap J Microbiol 16:501-13, Nov 72
ANIMAL EXPERIMENTS/ BINDING SITES/ CELLS, CULTURED/ CHICK EMBRYO/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HUMAN/ INTERFERON, antagonists & inhibitors/ *INTERFERON INDUCERS, antagonists & inhibitors/ L CELLS/ LUNG/ NEWCASTLE DISEASE VIRUS/ POLY I-C, antagonists & inhibitors/ POLY I-C, pharmacodynamics/ PROTAMINES, antagonists & inhibitors/ RNA, antagonists & inhibitors/ *RNA, pharmacodynamics/ RNA, RIBOSOMAL, pharmacodynamics/ RNA, VIRAL, antagonists & inhibitors/ RNA, VIRAL, pharmacodynamics/ VESICULAR STOMATITIS VIRUS/ YEASTS

3873. **Kawamura H, Hatano Y, Ito Y:** An adenovirus isolated from kidney cell culture of apparently normal piglet.
Natl Inst Anim Health Q (Tokyo) 12:173-82, Winter 72
ADENOVIRUS, drug effects/ ADENOVIRUS, growth & development/ ADENOVIRUS, immunology/ *ADENOVIRUS, isolation & purification/ ANIMAL EXPERIMENTS/ CATTLE/ CELLS, CULTURED/ CENTRIFUGATION, DENSITY GRADIENT/ CROSS REACTIONS/ ETHYL ETHER, pharmacodynamics/ FLUORESCENT ANTIBODY TECHNIC/ HEMAGGLUTINATION TESTS/ IDOXURIDINE, pharmacodynamics/ KIDNEY/ MALE/ MICROSCOPY, ELECTRON/ NEUTRALIZATION TESTS/ PRECIPITIN TESTS/ SODIUM, pharmacodynamics/ *SWINE/ TESTIS/ TRYPSIN, pharmacodynamics/ VIRUS REPLICATION, drug effects

3874. **Kawata T, Masuda K:** Extracellular crystalline lattice material of Corynebacterium diphtheriae revealed by electron microscopy. Jap J Microbiol 16:515-23, Nov 72
ALKALIES, pharmacodynamics/ *CORYNEBACTERIUM DIPHTHERIAE, cytology/ CORYNEBACTERIUM DIPHTHERIAE, drug effects/ MICROSCOPY, ELECTRON/ PEPTIDE HYDROLASES, pharmacodynamics/ SODIUM DODECYL SULFATE, pharmacodynamics/ STAINS AND STAINING

3875. **Kawauchi H, Bewley TA, Li CH:** Selective modification of tryptophan-149 in ovine pituitary lactogenic hormone. Biochemistry 12:2124-30, 22 May 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CIRCULAR DICHROISM/ CROP, AVIAN, drug effects/ GEL FILTRATION/ KINETICS/ MACROMOLECULAR SYSTEMS/ *NITROBENZENES/ PEPTIDES, analysis/ PIGEONS/ *PROLACTIN/ PROLACTIN, analysis/ PROLACTIN, pharmacodynamics/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ SHEEP/ SPECTROPHOTOMETRY, ULTRAVIOLET/ STRUCTURE-ACTIVITY RELATIONSHIP/ *SULFENIC ACIDS/ TRYPSIN/ *TRYPTOPHAN/ TRYPTOPHAN, analysis

3876. **Kay A:** Depression of bone marrow and thrombocytopenia associated with chrysotherapy.
Ann Rheum Dis 32:277-8, May 73
*BONE MARROW, drug effects/ *GOLD, adverse effects/ GOLD THIOMALATE, administration & dosage/ GOLD THIOMALATE, adverse effects/ HUMAN/ *THROMBOPENIA, chemically induced

3877. **Kay AB, Austen KF:** Chemotaxis of human basophil leucocytes. Clin Exp Immunol 11:557-63, Aug 72
AGED/ ANTIGENS/ *BASOPHILS/ *CHEMOTAXIS/ CHRONIC DISEASE/ COMPLEMENT/ FACTOR XII/ FEMALE/ HUMAN/ KALLIKREIN, blood/ *LEUKEMIA, MYELOCYTIC, blood/ LEUKOCYTE COUNT/ LUNG, immunology/ LYMPHOCYTES, immunology/ MALE/ MIDDLE AGE/ POLLEN/ RESPIRATORY HYPERSENSITIVITY, immunology/ TRYPSIN

3878. **Kayser J, Neumann J, Lavollay J:** Effets favorables exercés sur la longévité du rat Wistar par divers types de restrictions vitaminiques.
C R Acad Sci [D] (Paris) 274:3593-6, 26 Jun 72 (Fre)
ANIMAL EXPERIMENTS/ AVITAMINOSIS/ BODY HEIGHT/ BODY WEIGHT/ *GROWTH, drug effects/ *LONGEVITY, drug effects/ NEOPLASMS, occurrence/ RATS/ VITAMIN A/ VITAMIN B COMPLEX/ VITAMIN D/ VITAMIN E/ VITAMIN K/ *VITAMINS, pharmacodynamics

3879. **Kazal LA:** Theories of blood coagulation. Properties and interactions of blood clotting factors.
Ann Clin Lab Sci 1:139-54, Sep-Oct 71 (46 ref.)
ANTITHROMBIN, metabolism/ *BLOOD COAGULATION/ *BLOOD COAGULATION FACTORS/ CALCIUM, metabolism/ FACTOR V, metabolism/ FACTOR VII, metabolism/ FACTOR VIII, metabolism/ FACTOR IX, metabolism/ FACTOR X, metabolism/ FACTOR XI, metabolism/ FACTOR XII, metabolism/ FACTOR XIII, metabolism/ FIBRIN, metabolism/ FIBRINOGEN, metabolism/ FIBRINOLYSIS/ HUMAN/ MOLECULAR WEIGHT/ *NOMENCLATURE/ PROTHROMBIN, metabolism/ REVIEW

3880. **Keay L, Cirulis N:** Preparation and purification of microbial proteases with special reference to the bacilli. Prep Biochem 1:177-96, 1971
AEROMONAS, enzymology/ BACILLUS, enzymology/ *BACILLUS CEREUS, enzymology/ BACILLUS MEGATERIUM, enzymology/ *BACILLUS SUBTILIS, enzymology/ CHROMATOGRAPHY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ CRYSTALLIZATION/ CULTURE MEDIA/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ HYDROXYAPATITE/ METHODS/ *PEPTIDE HYDROLASES, isolation & purification/ PSEUDOMONAS AERUGINOSA, enzymology

3881. **Kedinger C, Gissinger F, Gniazdowski M, et al:** Animal DNA-dependent RNA polymerases. 1. Large-scale solubilization and separation of A and B calf-thymus RNA-polymerase activities.
Eur J Biochem 28:269-76, 13 Jul 72
AMMONIUM SULFATE/ ANIMAL EXPERIMENTS/ CATTLE/ CELL FRACTIONATION/ CELL NUCLEUS, enzymology/ CHROMATOGRAPHY, DEAE-CELLULOSE/ MAGNESIUM/ MANGANESE/ METHODS/ MYCOTOXINS/ OSMOLAR CONCENTRATION/ PRECIPITATION/ PROTAMINES/ RNA POLYMERASE, antagonists & inhibitors/ *RNA POLYMERASE, isolation & purification/ SOLUBILITY/ *THYMUS GLAND, enzymology/ ULTRASONICS/ VIBRATION

3882. **Keely ML, Taylor N, Chard RL Jr:** Spinal cord compression as a complication of haemophilia.
Arch Dis Child 47:826-8, Oct 72
BLADDER, NEUROGENIC, complications/ BLADDER, NEUROGENIC, therapy/ CHILD/ *HEMOPHILIA, complications/ HUMAN/ MALE/ MOVEMENT/ QUADRIPLEGIA, etiology/ QUADRIPLEGIA, rehabilitation/ *SPINAL CORD COMPRESSION, complications/ URINARY CATHETERIZATION

3883. **Keenan JP, Solum NO:** Quantitative studies on the release of platelet fibrinogen by thrombin.
Br J Haematol 23:461-6, Oct 72
ADENINE NUCLEOTIDES, secretion/ BLOOD PLATELETS, drug effects/ *BLOOD

PLATELETS, secretion/ *FIBRINOGEN, secretion/ HIRUDIN/ HUMAN/ KINETICS/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *THROMBIN, pharmacodynamics/ TROMETHAMINE

3884. Keil-Dlouha V, Puigserver A, Marie A, et al: On subunit II of bovine procarboxypeptidase A. Enzymatic specificity after tryptic activation.
Biochim Biophys Acta 276:531-5, 28 Aug 72
ALKYLATION/ BINDING SITES/ *CARBOXYPEPTIDASES/ CARBOXYPEPTIDASES, antagonists & inhibitors/ CARBOXYPEPTIDASES, isolation & purification/ CATTLE/ CHYMOTRYPSIN, antagonists & inhibitors/ CHYMOTRYPSINOGEN/ ENZYME ACTIVATION/ *ENZYME PRECURSORS/ ENZYME PRECURSORS, isolation & purification/ ESTERS/ INSULIN/ KETONES/ KINETICS/ LEUCINE/ PANCREAS, enzymology/ PEPTIDES/ SWINE/ TOSYL COMPOUNDS/ *TRYPSIN

3885. Keimowitz RM, Annis BL: Disseminated intravascular coagulation associated with massive brain injury.
J Neurosurg 39:178-80, Aug 73
BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ *BRAIN, secretion/ *BRAIN INJURIES, ACUTE, complications/ DEBRIDEMENT/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ THROMBOPLASTIN, analysis/ *THROMBOPLASTIN, secretion/ WOUNDS, GUNSHOT

3886. Keiser G, Wegmann W, Leutenegger H, et al: Generalisierte Amyloidose mit Paraproteinämie, diffuser Plasmozytose des Knochenmarks und diffuser alveolar-septaler Lungenamyloidose.
Dtsch Med Wochenschr 98:614-9, 23 Mar 73 (Ger)
AGED/ *AMYLOIDOSIS, complications/ AMYLOIDOSIS, pathology/ AUTOPSY/ BIOPSY/ *BLOOD PROTEIN DISORDERS, complications/ BLOOD PROTEIN ELECTROPHORESIS/ ELECTROPHORESIS, PAPER/ ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGIC DIATHESIS, complications/ HUMAN/ IGA, analysis/ IMMUNOELECTROPHORESIS/ *LUNG DISEASES, complications/ LUNG DISEASES, pathology/ MALABSORPTION SYNDROMES, complications/ MELENA, complications/ MIDDLE AGE/ *MULTIPLE MYELOMA, complications/ PULMONARY ALVEOLI/ RESPIRATORY INSUFFICIENCY, complications

3887. Keĭsevich LV, Afanas'eva EIu, Pivovarov NV: Ispol'zovanie v reaktsii Vassermana éritrotsitov branana, dlitel'noe vremia khranivshikhsia pri temperature -196 gradusakh.
Vrach Delo 2:122-3, Feb 72 (Rus)
*BLOOD PRESERVATION/ ERYTHROCYTES/ REFRIGERATION/ SHEEP/ *WASSERMANN REACTION

3888. Keith L: Sterilisation durch das Laparoskop.
Zentralbl Gynaekol 14:1406-10, 21 Oct 72 (Ger)
ADOLESCENCE/ ADULT/ ENDOMETRITIS, etiology/ EVALUATION STUDIES/ FEMALE/ HEMATOMA, etiology/ HUMAN/ *LAPAROSCOPY/ LAPAROSCOPY, adverse effects/ LAPAROTOMY/ PARAMETRITIS, etiology/ POSTOPERATIVE COMPLICATIONS/ PREGNANCY/ PUERPERIUM/ *STERILIZATION, TUBAL/ STERILIZATION, TUBAL, adverse effects

3889. Kelemen Z, Luccioni P, Lachand AT, et al: Etude expérimentale de l'effet hémostatique de la colle biologique G.R.F. appliquée sur les tranches de parenchyme rénal.
Ann Chir 26:807-13, Sep 72 (Fre)
ANIMAL EXPERIMENTS/ DOGS/ ENGLISH ABSTRACT/ FORMALDEHYDE/ GELATIN/ *HEMOSTASIS/ *KIDNEY, surgery/ PHENOLS/ RATS/ *TISSUE ADHESIVES

3890. Kelle L, Fekecs B: Der durch Penizillin verursachte anphylaktische Schock.
Z Aerztl Fortbild (Jena) 66:538-43, 1 Jun 72 (Ger)
ACETYLCHOLINE/ ADMINISTRATION, ORAL/ ADULT/ AGE FACTORS/ *ANAPHYLAXIS, chemically induced/ ANAPHYLAXIS, drug therapy/ BRADYKININ/ DERMATITIS, CONTACT, chemically induced/ DERMATITIS MEDICAMENTOSA, etiology/ DRUG HYPERSENSITIVITY, etiology/ EPINEPHRINE, therapeutic use/ FEMALE/ HEPARIN/ HISTAMINE, blood/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ KALLIDIN/ MALE/ MIDDLE AGE/ PENICILLIN, administration & dosage/ *PENICILLIN, adverse effects/ PENICILLINASE, therapeutic use

3891. Keller H, Morell A, Noseda G, et al: Analbuminämie. Pathophysiologische Untersuchungen an einem Fall.
Schweiz Med Wochenschr 102:33-41, 15 Jan 72 (Ger)
ADULT/ BLOOD COAGULATION/ *BLOOD PROTEIN DISORDERS/ BLOOD PROTEIN DISORDERS, physiopathology/ BLOOD SEDIMENTATION/ BLOOD VOLUME/ CHOLESTEROL, blood/ ENDOPLASMIC RETICULUM/ ENGLISH ABSTRACT/ EPILEPSY, complications/ FATTY ACIDS, ESSENTIAL, blood/ HUMAN/ LIPOPROTEINS, blood/ LIVER, physiopathology/ MALE/ MICROSCOPY, ELECTRON/ RENIN, blood/ *SERUM ALBUMIN

3892. Keller MR, Truscott BL: Transient ischemic attacks.
Am J Nurs 73:1330-1, Aug 73
*CEREBRAL ISCHEMIA, TRANSIENT, diagnosis/ CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ HEPARIN, therapeutic use/ HUMAN/ WARFARIN, therapeutic use

3893. Keller R: Pneumologische Notfälle.
Schweiz Med Wochenschr 102:1353-60, 23 Sep 72 (Ger)
ADULT/ ANGIOGRAPHY/ ASPHYXIA, therapy/ ASTHMA, complications/ DRAINAGE/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ OXYGEN INHALATION THERAPY/ PNEUMOTHORAX, complications/ PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, radiography/ RESPIRATION, ARTIFICIAL/ RESPIRATORS/ RESPIRATORY INSUFFICIENCY, etiology/ *RESPIRATORY INSUFFICIENCY, therapy/ TIME FACTORS

3894. Kellerhals B: Acoustic trauma and cochlear microcirculation. An experimental and clinical study on pathogenesis and treatment of inner ear lesions after acute noise exposure.
Adv Otorhinolaryngol 18:91-168, 1972 (201 ref.)
*ACOUSTIC TRAUMA/ ACOUSTIC TRAUMA, drug therapy/ ACOUSTIC TRAUMA, etiology/ ACOUSTIC TRAUMA, pathology/ ACOUSTIC TRAUMA, physiopathology/ ACOUSTIC TRAUMA, prevention & control/ ANIMAL EXPERIMENTS/ AUDIOMETRY/ BLAST INJURIES/ BLOOD VISCOSITY/ *COCHLEA, blood supply/ COCHLEA, metabolism/ COCHLEA, pathology/ DEXTRAN, therapeutic use/ ENVIRONMENTAL EXPOSURE/ GUINEA PIGS/ HEARING/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *MICROCIRCULATION/ ORGAN OF CORTI, blood supply/ PITCH DISCRIMINATION/ REVIEW/ TIME FACTORS

3895. Kellermann G, Kleinmann E, Walter H: Zur Anwendbarkeit des PI-Systems in der Vaterschaftsbegutachtung.
Z Rechtsmed 71:24-6, 1972 (Ger)
ALLELES/ ENGLISH ABSTRACT/ GENETICS, HUMAN/ HUMAN/ *PATERNITY/ PHENOTYPE/ *TRYPSIN INHIBITORS, blood

3896. Kelly GE, Sheil AG, Mears DC: A comparison of in vitro, immunosuppressive and clinical effects of goat and horse anti-human thymocyte globulin in Macaca monkeys. Clin Exp Immunol 13:585-94, Apr 73

ANIMAL EXPERIMENTS/ *ANTIBODIES/ ANTIBODY PRODUCING CELLS/ *ANTILYMPHOCYTE SERUM/ BASEMENT MEMBRANE, immunology/ BLOOD COAGULATION/ COMPARATIVE STUDY/ DOGS/ GOATS, immunology/ HEMAGGLUTINATION/ HEMOLYSIS/ HORSES, immunology/ IMMUNE ADHERENCE REACTION/ IMMUNOELECTROPHORESIS/ *IMMUNOSUPPRESSION/ MACACA/ MONKEYS/ RABBITS/ SKIN, transplantation/ TRANSPLANTATION, HETEROLOGOUS/ TRANSPLANTATION, HOMOLOGOUS

3897. **Kelly MT, Brashear RE, Martin RR, et al:** Histamine release in the dog after leukocyte lysate injection.
Infect Immun 4:228-31, Sep 71
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, metabolism/ CELL FRACTIONATION/ CENTRIFUGATION, DENSITY GRADIENT/ DEXTRAN/ DOGS/ HISTAMINE, blood/ *HISTAMINE LIBERATION/ KINETICS/ *LEUKOCYTES, metabolism/ LYMPHOCYTES, metabolism/ TISSUE EXTRACTS, pharmacodynamics

3898. **Kelsey DM, Bogaev JH, Tolia BM, et al:** Massive hematuria and renal obstruction in hemophilia B (Christmas disease). J Urol 108:837-9, Dec 72
ADULT/ *CHRISTMAS DISEASE, complications/ *HEMATURIA, etiology/ HUMAN/ *KIDNEY DISEASES, etiology/ MALE

3899. **Kemble JV, Hickman JA:** Postoperative changes in blood viscosity and the influence of haematocrit and plasma-fibrinogen. Br J Surg 59:629-32, Aug 72
BLOOD CIRCULATION/ *BLOOD VISCOSITY/ FEMALE/ *FIBRINOGEN, analysis/ *HEMATOCRIT/ HUMAN/ MALE/ OXYGEN, blood/ OXYGEN CONSUMPTION/ POSTOPERATIVE COMPLICATIONS/ *SURGERY, OPERATIVE/ VASCULAR RESISTANCE

3900. **Kemmler W, Peterson JD, Rubenstein AH, et al:** On the biosynthesis, intracellular transport and mechanism of conversion of proinsulin to insulin and C-peptide.
Diabetes 21:Suppl 2:572-81, 1972 (41 ref.)
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ CARBOXYPEPTIDASES, analysis/ CATTLE/ GOLGI APPARATUS, metabolism/ HUMAN/ *INSULIN, biosynthesis/ ISLANDS OF LANGERHANS, analysis/ ISLANDS OF LANGERHANS, metabolism/ MICE/ MONKEYS/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ PEPTIDES, metabolism/ PROINSULIN, analysis/ PROINSULIN, biosynthesis/ *PROINSULIN, metabolism/ PROTEIN CONFORMATION/ RATS/ REVIEW/ SHEEP/ SUBCELLULAR FRACTIONS, enzymology/ SWINE/ TRYPSIN, analysis

3901. **Kemmler W, Steiner DF, Borg J:** Studies on the conversion of proinsulin to insulin. 3. Studies in vitro with a crude secretion granule fraction isolated from rat islets of Langerhans.
J Biol Chem 248:4544-51, 10 Jul 73
ANIMAL EXPERIMENTS/ ARGININE, metabolism/ CARBOXYPEPTIDASES, metabolism/ CENTRIFUGATION, DENSITY GRADIENT/ *CYTOPLASMIC GRANULES, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ESTERS, metabolism/ FEMALE/ GEL FILTRATION/ *INSULIN, biosynthesis/ ISLANDS OF LANGERHANS, cytology/ ISLANDS OF LANGERHANS, enzymology/ *ISLANDS OF LANGERHANS, metabolism/ LEUCINE, metabolism/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ PEPTIDES, isolation & purification/ PEPTIDES, metabolism/ *PROINSULIN, metabolism/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP/ TIME FACTORS/ TOSYL COMPOUNDS, metabolism/ TRITIUM/ TRYPSIN, metabolism

3902. **Kemp A, Berke G:** Effects of heparin and benzyl alcohol on lymphocyte-mediated cytotoxicity in vitro.
Cell Immunol 7:512-5, Jun 73
*ALCOHOLS, pharmacodynamics/ ANIMAL EXPERIMENTS/ CHROMIUM ISOTOPES/ *CYTOTOXICITY TESTS, IMMUNOLOGIC/ *HEPARIN, pharmacodynamics/ LYMPHOCYTES, drug effects/ *LYMPHOCYTES, immunology/ LYMPHOID TISSUE, immunology/ MICE/ MICE, INBRED BALB C/ *NEOPLASMS, immunology/ NEOPLASMS, EXPERIMENTAL, immunology

3903. **Kendal AP, Kiley MP, Eckert EA:** Isoelectric focusing studies of A2-1957 influenza neuraminidase and its subunits. Biochim Biophys Acta 317:28-33, 12 Jul 73
ALKYLATION/ AMIDES/ CARBON ISOTOPES/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FETAL GLOBULINS/ HYDROGEN-ION CONCENTRATION/ *INFLUENZA VIRUSES, enzymology/ IODOACETATES/ ISOELECTRIC FOCUSING/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ *NEURAMINIDASE, analysis/ PEPTIDES/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ SODIUM DODECYL SULFATE/ SULFHYDRYL COMPOUNDS/ TRYPSIN

3904. **Kendall AG, Barr RD, Lang A, et al:** Haemoglobin J Nyanza: 21 (B2) Ala-Asp.
Biochim Biophys Acta 310:357-9, 15 Jun 73
ADULT/ ALANINE/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ASPARTIC ACID/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, PAPER/ FEMALE/ GLOBIN, analysis/ GLOBIN, isolation & purification/ *HEMOGLOBINS, ABNORMAL/ HUMAN/ KENYA/ MALE/ MUTATION/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PREGNANCY/ TRYPSIN

3905. **Kendrick-Jones J:** The subunit structure of gizzard myosin.
Philos Trans R Soc Lond [Biol Sci] 265:183-9, 15 Mar 73
ADENOSINE TRIPHOSPHATASE, analysis/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHICKENS/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DENSITOMETRY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ GIZZARD, analysis/ GIZZARD, enzymology/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ *MUSCLE, SMOOTH, analysis/ MUSCLE, SMOOTH, enzymology/ *MYOSIN, analysis/ MYOSIN, isolation & purification/ MYOSIN, physiology/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ SODIUM DODECYL SULFATE/ TRYPSIN

3906. **Kendysh IN:** Znachenie gumoral'nykh faktorov limfoidnoĭ tkani v reguliatsii funktsiĭ organizma.
Usp Sovrem Biol 73:342-63, May-Jun 72 (193 ref.) (Rus)
ANIMAL EXPERIMENTS/ BONE MARROW CELLS, immunology/ DNA, NEOPLASM, metabolism/ GLUCOCORTICOIDS, pharmacodynamics/ GLUCONEOGENESIS/ HOMOLOGOUS WASTING DISEASE/ HUMAN/ LIVER, metabolism/ LIVER REGENERATION/ LYMPHOCYTES, immunology/ *LYMPHOID TISSUE/ MICE/ NEOPLASMS, EXPERIMENTAL, therapy/ PHAGOCYTOSIS/ PINOCYTOSIS/ RADIATION INJURIES, EXPERIMENTAL, metabolism/ RADIATION INJURIES, EXPERIMENTAL, therapy/ RATS/ REVIEW/ RNA, NEOPLASM, metabolism/ SARCOMA, EXPERIMENTAL, metabolism/ SPLEEN, immunology/ THROMBIN, metabolism/ THROMBOPLASTIN, metabolism/ THYMUS GLAND, immunology/ TISSUE EXTRACTS, therapeutic use

3907. **Kennedy A:** 'Sclerosing haemangioma' of the lung: an alternative view of its development.
J Clin Pathol 26:390, May 73
*ANGIOMA, SCLEROSING, etiology/ CHOLESTEROL, analysis/ EPITHELIUM, metabolism/ HEMORRHAGE/ HISTOCYTOCHEMISTRY/ HUMAN/ LIPIDS, analysis/ *LUNG NEOPLASMS, etiology/ LUNG NEOPLASMS, pathology

3908. **Kennedy JF, Barker SA, Rosevear A:** The use of a poly(allyl carbonate) for the preparation of active, water-insoluble derivatives of enzymes.
J Chem Soc [Perkin I] 20:2568-73, 1972
*ALLYL COMPOUNDS/ AMYLASE/ *CARBONATES/ CHEMISTRY/ *ENZYMES/ GLUCOSIDASE/ HYDROGEN-ION CONCENTRATION/ POLYMERS, chem synthesis/ PROTEIN BINDING/ SOLUBILITY/ TRYPSIN/ WATER

3909. **Kennedy JG:** Dyschondroplasia and haemangiomata (Maffucci's syndrome). Report of a case with oral and intracranial lesions. Br Dent J 135:18-21, 3 Jul 73
*ANGIOMATOSIS, complications/ BRAIN DISEASES, complications/ *DYSCHONDROPLASIA, complications/ *HEMANGIOMA, complications/ HUMAN/ MALE/ MIDDLE AGE/ *ORAL MANIFESTATIONS/ SYNDROME/ TONGUE NEOPLASMS

3910. **Kennedy JH, De Bakey ME, Akers WW, et al:** Development of an orthotopic cardiac prosthesis.
J Thorac Cardiovasc Surg 65:673-83, May 73
ANIMAL EXPERIMENTS/ ASPARTATE AMINOTRANSFERASE, blood/ BIOMEDICAL ENGINEERING/ BLOOD COAGULATION/ BLOOD PLATELETS/ CATTLE/ CERIUM ISOTOPES/ CHROMIUM ISOTOPES/ EMBOLISM, etiology/ *HEART, ARTIFICIAL/ HEART, ARTIFICIAL, adverse effects/ HEMODYNAMICS/ HEMOGLOBIN/ KIDNEY, blood supply/ KIDNEY DISEASES, etiology/ LUNG DISEASES, etiology/ METHYLMETHACRYLATE/ MICROSPHERES/ MONITORING SYSTEMS/ OSCILLOMETRY/ POLYETHYLENE TEREPHTHALATE/ POLYVINYLS/ PULMONARY EDEMA, etiology/ STRONTIUM ISOTOPES/ THROMBOSIS, etiology/ WATER-ELECTROLYTE BALANCE

3911. **Kennedy M:** Blood as a medicine.
Ohio State Med J 69:501-6, Jul 73
*BLOOD/ BLOOD COAGULATION FACTORS, therapeutic use/ *BLOOD TRANSFUSION/ FIBRINOGEN, therapeutic use/ HUMAN/ IMMUNOGLOBULINS, therapeutic use

3912. **Kennedy S:** Heparin metabolism in amyloidosis.
Acta Pathol Microbiol Scand [A] 233:109-13, 1972
ADRENAL GLANDS, analysis/ AMYLOID, analysis/ *AMYLOIDOSIS, metabolism/ ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ HAMSTERS/ *HEPARIN, metabolism/ KIDNEY, analysis/ KIDNEY GLOMERULUS, analysis/ LIVER, analysis/ SULFATES, metabolism/ SULFUR ISOTOPES

3913. **Kennel SJ, Meyer TE, Kamen MD, et al:** On the monoheme character of cytochromes c'.
Proc Natl Acad Sci USA 69:3432-5, Nov 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CHROMATIUM, analysis/ CHROMATOGRAPHY, DEAE-CELLULOSE/ *CYTOCHROME C/ CYTOCHROME C, classification/ CYTOCHROME C, isolation & purification/ CYTOCHROME C, metabolism/ GEL FILTRATION/ *HEME/ MOLECULAR WEIGHT/ *NOMENCLATURE/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ PEPTIDES, analysis/ PEPTIDES, isolation & purification

3914. **Kenney WC, Edmondson D, Seng R, et al:** Structure of the flavin site of Chromatium flavocytochrome c-552.
Biochem Biophys Res Commun 52:434-9, 15 May 73
AMINO ACID SEQUENCE/ AMINOPEPTIDASES/ *CHROMATIUM, analysis/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ CIRCULAR DICHROISM/ *CYTOCHROME C, analysis/ *FLAVOPROTEINS, analysis/ FLUOROMETRY/ FORMIC ACIDS/ INDICATORS AND REAGENTS/ MODELS, CHEMICAL/ OXIDATION-REDUCTION/ PEPSIN/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ THIOCYANATES/ TRYPSIN

3915. **Kenney WC, Walker WH, Kearney EB, et al:** Recent advances in the chemistry of covalently bound flavin coenzymes. Z Naturforsch [B] 27:1069-71, Sep 72
AMINO ACIDS, analysis/ CHROMATIUM, enzymology/ CHYMOTRYPSIN/ CYTOCHROME C, analysis/ ELECTRON SPIN RESONANCE/ FAD, analysis/ *FLAVINS, analysis/ FLAVOPROTEINS, analysis/ HYDROGEN-ION CONCENTRATION/ *MONOAMINE OXIDASE, analysis/ PEPTIDES, analysis/ PROTEIN CONFORMATION/ RIBOFLAVIN, analysis/ *SUCCINATE DEHYDROGENASE, analysis/ TRYPSIN

3916. **Kerdiles Y, Signargout J, Logeais Y:** Les accidents nerveux du cathétérisme rétrograde percutané de l'artère axillaire.
J Chir (Paris) 104:323-30, Oct 72 (Fre)
ADULT/ AGED/ *ANGIOGRAPHY, adverse effects/ ARM/ *AXILLARY ARTERY/ BRACHIAL PLEXUS/ *CATHETERIZATION, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HAND/ HEMATOMA, etiology/ HUMAN/ ISCHEMIA, etiology/ MALE/ MEDIAN NERVE/ MIDDLE AGE/ *NERVE COMPRESSION SYNDROMES, etiology/ *PARALYSIS, etiology/ ULNAR NERVE/ VASCULAR DISEASES, etiology

3917. **Kernoff PB:** Affinity of factor 8 clotting activity for antigen detectable immunologically.
Nature [New Biol] 244:148-9, 1 Aug 73
ANTIGEN-ANTIBODY COMPLEX/ ANTIGEN-ANTIBODY REACTIONS/ *ANTIGENS/ ANTIGENS, analysis/ *BLOOD COAGULATION/ CENTRIFUGATION/ *FACTOR VIII/ FACTOR VIII, physiology/ HEMOPHILIA, immunology/ HUMAN/ IMMUNIZATION/ RABBITS, immunology/ VON WILLEBRAND'S DISEASE, immunology

3918. **Kernoff PB, Bowell PJ:** Gm types and antibodies in multitransfused haemophiliacs.
Br J Haematol 24:443-50, Apr 73
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ ANTIBODIES, analysis/ *BLOOD TRANSFUSION/ CHILD/ CHILD, PRESCHOOL/ CHRISTMAS DISEASE, immunology/ CRYOGLOBULINS, analysis/ FACTOR VIII, analysis/ FACTOR IX, analysis/ *HEMOPHILIA, immunology/ HUMAN/ *IGG, analysis/ IMMUNE TOLERANCE/ IMMUNOGLOBULIN FRAGMENTS, analysis/ *IMMUNOGLOBULINS, FC, analysis/ *ISOANTIBODIES, analysis/ LATEX FIXATION TESTS/ MALE/ MIDDLE AGE

3919. **Kernoff PB, Durrant IJ, Rizza CR, et al:** Severe allergic pulmonary oedema after plasma transfusion.
Br J Haematol 23:777-81, Dec 72
ADOLESCENCE/ ADULT/ ANTIBODIES/ *BLOOD TRANSFUSION, adverse effects/ BRONCHOPNEUMONIA, radiography/ CHILD/ FACTOR VIII/ HEMOPHILIA/ HEMOPHILIA, complications/ HUMAN/ HYPERSENSITIVITY/ LEUKOCYTES/ MALE/ *PULMONARY EDEMA, etiology

3920. **Kernoff PB, Rizza CR:** The specificity of antibodies to factor 8 produced in the rabbit after immunization with human cryoprecipitate.
Br J Haematol 25:276-7, Aug 73
*ANTIBODY SPECIFICITY/ *CRYOGLOBULINS/ *FACTOR VIII/ HEMOPHILIA, immunology/ HUMAN/ RABBITS, immunology/ VON WILLEBRAND'S DISEASE, immunology

3921. **Kernoff PB, Rizza CR:** Factor-VIII-related antigen in female haemophilia. Lancet 2:734, 29 Sep 73
*ANTIGENS/ *FACTOR VIII/ FEMALE/ *HEMOPHILIA, immunology/ HUMAN/ MALE/ SEX FACTORS

3922. **Kerr WS Jr, Margolies MN, Ring EJ, et al:** Arteriography in pelvic fractures with massive hemorrhage.
Trans Am Assoc Genitourin Surg 64:14-7, 1972
AGED/ *ANGIOGRAPHY/ AORTOGRAPHY/ ARTERIES, injuries/ BLOOD COAGULATION/

BLOOD TRANSFUSION, AUTOLOGOUS/ CATHETERIZATION/ FEMALE/ *FRACTURES, complications/ HEMORRHAGE, etiology/ *HEMORRHAGE, radiography/ HEMORRHAGE, therapy/ HEMOSTASIS/ HUMAN/ ILIAC ARTERY/ MALE/ MIDDLE AGE/ *PELVIC BONES, injuries/ PELVIS, blood supply

3923. **Kerstan J, Wolf H:** Therapeutische Erfahrung mit Trimethoprim und Sulfamethoxazol bei Infektionen im Säuglings- und Kindesalter.
Klin Paediatr 184:467-73, Nov 72 (Ger)
ADOLESCENCE/ *ANTI-INFECTIVE AGENTS, therapeutic use/ APPETITE DISORDERS, chemically induced/ *BACTERIAL INFECTIONS, drug therapy/ BRONCHITIS, drug therapy/ CHILD/ CHILD, PRESCHOOL/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ EXANTHEMA, chemically induced/ FEMALE/ *FOLIC ACID ANTAGONISTS, therapeutic use/ HUMAN/ INFANT/ LEUKOPENIA, chemically induced/ MALE/ PHARYNGITIS, drug therapy/ PNEUMONIA, drug therapy/ PYELONEPHRITIS, drug therapy/ *PYRIMIDINES, therapeutic use/ SINUSITIS, drug therapy/ SULFAMETHOXAZOLE, adverse effects/ *SULFAMETHOXAZOLE, therapeutic use/ THROMBOPENIA, chemically induced/ TRIMETHOPRIM, adverse effects/ TRIMETHOPRIM, therapeutic use/ URINARY TRACT INFECTIONS, drug therapy

3924. **Kerth JD, Sisson GA, Becker GD:** Radical neck dissection in carcinoma of the head and neck.
Surg Clin North Am 53:179-90, Feb 73
ANTIBIOTICS, therapeutic use/ BIOPSY/ BIOPSY, NEEDLE/ BLOOD VESSELS, injuries/ ESTHETICS/ FOLLOW-UP STUDIES/ *HEAD/ HEMATOMA, etiology/ HUMAN/ LYMPHATIC METASTASIS/ METHODS/ NECK NEOPLASMS, pathology/ *NECK NEOPLASMS, surgery/ NEOPLASMS, pathology/ NEOPLASMS, surgery/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ PREOPERATIVE CARE/ *RADICAL NECK DISSECTION/ SPINAL NERVES, injuries/ SURGICAL WOUND DEHISCENCE, etiology/ SURGICAL WOUND INFECTION, prevention & control

3925. **Kerwar SS, Kohn LD, Lapiere CM, et al:** In vitro synthesis of procollagen on polysomes.
Proc Natl Acad Sci USA 69:2727-31, Sep 72
ANIMAL EXPERIMENTS/ BLOOD PROTEINS, pharmacodynamics/ CATTLE/ CENTRIFUGATION, DENSITY GRADIENT/ CHICK EMBRYO/ CHROMATOGRAPHY, ION EXCHANGE/ CLOSTRIDIOPEPTIDASE A/ COLLAGEN/ *COLLAGEN, biosynthesis/ COLLAGEN, isolation & purification/ CYCLOHEXANECARBOXYLIC ACIDS, pharmacodynamics/ ELECTROPHORESIS, DISK/ HINDLIMB, cytology/ HINDLIMB, enzymology/ *HINDLIMB, metabolism/ PEPTIDE CHAIN INITIATION/ PEPTIDE HYDROLASES, analysis/ PRECIPITATION/ PROLINE, metabolism/ RIBOSOMES, drug effects/ *RIBOSOMES, metabolism/ RNA, TRANSFER, pharmacodynamics/ TRITIUM/ WING, cytology/ WING, enzymology/ *WING, metabolism

3926. **Keshgegian AA, Glick MC:** Glycoproteins associated with nuclei of cells before and after transformation by a ribonucleic acid virus.
Biochemistry 12:1221-6, 13 Mar 73
CARBON ISOTOPES/ *CELL NUCLEUS, metabolism/ CELL TRANSFORMATION, NEOPLASTIC/ CLONE CELLS/ FIBROBLASTS, metabolism/ FUCOSE, metabolism/ GEL FILTRATION/ GLUCOSAMINE, metabolism/ GLYCOPEPTIDES, biosynthesis/ GLYCOPEPTIDES, metabolism/ GLYCOPROTEINS, biosynthesis/ *GLYCOPROTEINS, metabolism/ HAMSTERS/ *KIDNEY, metabolism/ MEMBRANES, metabolism/ NEURAMINIDASE/ PRONASE/ RIBOSOMES, metabolism/ *ROUS SARCOMA VIRUS/ SURFACE-ACTIVE AGENTS/ TRITIUM/ TRYPSIN

3927. **Ketchum PA, Swarin RS:** In vitro formation of assimilatory nitrate reductase: presence of the constitutive component in bacteria.
Biochem Biophys Res Commun 52:1450-6, 19 Jun 73
AZOTOBACTER/ BACILLUS CEREUS/ BACILLUS SUBTILIS/ DIALYSIS/ ENZYME ACTIVATION/ GENETICS, MICROBIAL/ KINETICS/ MICROCOCCUS/ MUTATION/ *NEUROSPORA, enzymology/ NEUROSPORA CRASSA, enzymology/ NITRITE REDUCTASE/ *OXIDOREDUCTASES/ PEPTIDE HYDROLASES/ PSEUDOMONAS/ RHIZOBIUM/ TRYPSIN

3928. **Ketteringham JM, Zapol WM, Gray DN, et al:** Polyalkylsulfone: a new polymer for membrane oxygenators.
Trans Am Soc Artif Intern Organs 19:61-5, 1973
ANIMAL EXPERIMENTS/ BIOCOMPATIBLE MATERIALS/ BLOOD COAGULATION/ GASES/ *HEART, MECHANICAL/ HYDROGEN-ION CONCENTRATION/ *MEMBRANES, ARTIFICIAL/ MICE/ OXYGENATORS, MEMBRANE/ PERMEABILITY/ *POLYMERS/ POLYMERS, analysis/ POLYMERS, chem synthesis/ POLYMERS, toxicity/ RABBITS/ SILICONES/ SKIN TESTS/ *SULFONES/ SULFONES, analysis/ SULFONES, chem synthesis/ SULFONES, toxicity/ TEMPERATURE

3929. **Keusch GT, Douglas SD, Mildvan D, et al:** 14 C-glucose oxidation in whole blood: a clinical assay for phagocyte dysfunction.
Infect Immun 5:414-5, Mar 72
ANIMAL EXPERIMENTS/ BLOOD PRESERVATION/ *BLOOD SUGAR, metabolism/ CARBON DIOXIDE, biosynthesis/ CARBON ISOTOPES/ FEMALE/ HUMAN/ MALE/ MICE/ OXIDATION-REDUCTION/ PHAGOCYTE BACTERICIDAL DYSFUNCTION, blood/ *PHAGOCYTE BACTERICIDAL DYSFUNCTION, diagnosis/ PHAGOCYTOSIS

3930. **Kevy SV, Button LN, Filler RM:** The effect of massive transfusion of stored blood on oxygen transport—a preliminary report.
Adv Exp Med Biol 28:511-6, 1972
ADENOSINE TRIPHOSPHATE, blood/ ADOLESCENCE/ ADULT/ *BIOLOGICAL TRANSPORT/ *BLOOD PRESERVATION/ BLOOD PRESSURE/ *BLOOD TRANSFUSION/ CHILD/ CHILD, PRESCHOOL/ GLYCEROPHOSPHATES, blood/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INFANT/ LACTATES, blood/ MUSCLES, metabolism/ OXYGEN

3931. **Keyserlingk DG, Struwe K:** The ultrastructural arrangement of thrombosthenin in glycerol extracted thrombocytes.
Z Zellforsch Mikrosk Anat 138:557-67, 1973
ADENOSINE TRIPHOSPHATE/ *BLOOD PLATELETS, cytology/ *BLOOD PROTEINS, analysis/ CELL MEMBRANE/ CELLULAR INCLUSIONS/ CYTOPLASMIC GRANULES/ GLYCERIN/ HUMAN/ MICROSCOPY, ELECTRON/ ORGANOIDS

3932. **Khajavi A, Zarabi M:** Abdominal wall masses in children.
Clin Radiol 23:495-9, Oct 72
ABDOMINAL INJURIES, complications/ ABDOMINAL NEOPLASMS, diagnosis/ *ABDOMINAL WALL, radiography/ *ABSCESS, radiography/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HEMATOMA, radiography/ HUMAN/ INFANT/ MALE

3933. **Khalfina AL:** Pokaznykh hemostazu pry khronichnomu tonzyliti u diteĭ.
Pediatr Akush Ginekol 5:14-5, Oct 72 (Ukr)
ADOLESCENCE/ *BLOOD COAGULATION/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ FEMALE/ HUMAN/ MALE/ *RHEUMATIC FEVER, blood/ *TONSILLITIS, blood

3934. **Khan AN, Umar S, Khan SY, et al:**

Hypocholesterolaemic and hypolipidaemic role of 3-hydroxy-3-methylglutarate in rabbits fed on an atherogenic diet. Biochem J 128:41P-42P, Jun 72
ANIMAL EXPERIMENTS/ *CHOLESTEROL, blood/ *DIET, ATHEROGENIC/ *GLUTARATES/ *LIPIDS, blood/ RABBITS

3935. **Khan MA, Alkalay I, Suetsugu S, et al:** Acute changes in lung mechanics following pulmonary emboli of various gases in dogs. J Appl Physiol 33:774-7, Dec 72
ANIMAL EXPERIMENTS/ ARGON, pharmacodynamics/ CARBON DIOXIDE/ DISEASE MODELS, ANIMAL/ DOGS/ *EMBOLISM, AIR, physiopathology/ ENDOTOXINS, administration & dosage/ *GASES/ GASES, administration & dosage/ HELIUM, pharmacodynamics/ HEPARIN, pharmacodynamics/ INJECTIONS, INTRAVENOUS/ *LUNG, physiopathology/ LUNG COMPLIANCE/ MALE/ NEON, pharmacodynamics/ NITROGEN, pharmacodynamics/ OXYGEN/ OXYGEN, blood/ PULMONARY CIRCULATION/ *PULMONARY EMBOLISM, physiopathology/ RESPIRATION/ SEROTONIN, antagonists & inhibitors/ THROMBOPENIA, etiology/ THROMBOPENIA, physiopathology/ XENON, pharmacodynamics

3936. **Khegai MD, Zharova IP:** O vliianii adrezona i pishchevoĭ nagruzki sakharozoĭ na lipidy krovi i sostav beta-lipoproteidov.
Vopr Pitan 31:63-6, Jul-Aug 72 (Rus)
ACETATES/ ANIMAL EXPERIMENTS/ BLOOD PROTEINS/ CHOLESTEROL, blood/ *CORTISONE, pharmacodynamics/ *DIET, ATHEROGENIC/ *DIETARY CARBOHYDRATES/ ENGLISH ABSTRACT/ *HYPERLIPEMIA, etiology/ *LIPIDS, blood/ *LIPOPROTEINS, blood/ PHOSPHOLIPIDS, blood/ RABBITS/ *SUCROSE/ TRIGLYCERIDES, blood

3937. **Kher A, Toulemonde F, Raby C:** Héparinothérapie au long cours et ostéoporose.
Nouv Presse Med 2:1585-7, 9 Jun 73 (Fre)
ADULT/ AGED/ ANGINA PECTORIS, drug therapy/ ARTERIOSCLEROSIS OBLITERANS, drug therapy/ FEMALE/ FRACTURES, SPONTANEOUS, chemically induced/ *HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ HYPERLIPEMIA, drug therapy/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, drug therapy/ *OSTEOPOROSIS, chemically induced/ PAIN, chemically induced/ PHLEBITIS, drug therapy/ PULMONARY EMBOLISM, drug therapy/ RECURRENCE/ RETINAL VEIN/ SPINE, injuries/ THROMBOSIS, drug therapy

3938. **Khokhlachev NP:** O lechenii dobrokachestvennykh opukholei uretry u zhenshchin.
Urol Nefrol (Mosk) 37:56-7, Nov-Dec 72 (Rus)
ADULT/ AGED/ CONDYLOMATA ACUMINATA, surgery/ CYSTS, surgery/ FEMALE/ HEMANGIOMA, surgery/ HUMAN/ MELANOMA, surgery/ MIDDLE AGE/ PAPILLOMA, surgery/ POLYPS, surgery/ SARCOMA, surgery/ *URETHRAL NEOPLASMS, surgery

3939. **Khubetsova RD:** Svertyvaemost' krovi pod vliianiem odnokratnoĭ in"ektsii insulina.
Probl Endokrinol (Mosk) 18:74-8, Nov-Dec 72 (Rus)
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION, drug effects/ BLOOD SUGAR, metabolism/ CHOLESTEROL, blood/ DOGS/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, metabolism/ FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, blood/ HEPARIN, metabolism/ *INSULIN, administration & dosage/ INSULIN, pharmacodynamics/ LECITHINS, blood/ LIPIDS, blood/ LIPOPROTEIN LIPASE, blood/ LIPOPROTEINS, blood/ MALE/ TIME FACTORS

3940. **Khudzik LD, Gladilin GP, Blagova LM:** Vliianie protivotuberkuleznykh preparatov 1-ro riada na fibrinoliticheskuiu sistemu.
Farmakol Toksikol 36:82-4, Jan-Feb 73 (Rus)
*AMINOSALICYLIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *FIBRINOLYSIS, drug effects/ *ISONIAZID, pharmacodynamics/ RABBITS/ *STREPTOMYCIN, pharmacodynamics

3941. **Kibelstis JA, Resnick H:** Serum trypsin inhibitor capacity and purulent sputum.
Am Rev Respir Dis 106:772-3, Nov 72
ADULT/ AGED/ *BRONCHIECTASIS, blood/ *BRONCHITIS, blood/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *SPUTUM, secretion/ *TRYPSIN INHIBITORS, blood

3942. **Kidder WR, Logan LJ, Rapaport SI, et al:** The plasma protamine paracoagulation test: clinical and laboratory evaluation.
Am J Clin Pathol 58:675-86, Dec 72
ANTICOAGULANTS, pharmacodynamics/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ CITRATES, diagnostic use/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DRUG STORAGE/ FACTOR VIII, analysis/ FEMALE/ FIBRIN, analysis/ FIBRINOGEN, analysis/ FIBRINOGEN, diagnostic use/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LABOR COMPLICATIONS, blood/ MALE/ PREGNANCY/ PROTAMINES, blood/ *PROTAMINES, diagnostic use/ PROTHROMBIN TIME/ SPECTROPHOTOMETRY/ SULFATES/ TEMPERATURE/ TIME FACTORS

3943. **Kidess E, Pfleiderer A Jr, Steichele D, et al:** Lymphödem und Thrombose im Bein als Folge der Behandlung des Kollumkarzinoms. Therapie und Prognose. Med Welt 23:1936-8, 16 Dec 72 (Ger)
*CERVIX NEOPLASMS, complications/ CERVIX NEOPLASMS, radiotherapy/ CERVIX NEOPLASMS, surgery/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ *LEG/ LEG, blood supply/ *LYMPHEDEMA, drug therapy/ LYMPHEDEMA, etiology/ POSTOPERATIVE COMPLICATIONS/ PROGNOSIS/ STREPTOKINASE, therapeutic use/ *THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, etiology/ TIME FACTORS

3944. **Kiernan JA, Stoddart RW:** Fluorescent-labelled aprotinin: a new reagent for the histochemical detection of acid mucosubstances.
Histochemie 34:77-84, 1973
ANIMAL EXPERIMENTS/ CARBOHYDRATES/ CARTILAGE, cytology/ CATTLE/ COLLAGEN/ FLUORESCENCE/ *KALLIKREIN-TRYPSIN INACTIVATOR/ MAST CELLS, cytology/ METHODS/ MUCOPOLYSACCHARIDES/ RATS/ SALIVARY GLANDS, cytology/ *STAINS AND STAINING

3945. **Kierulf P:** Studies on soluble fibrin in plasma. 3. N-terminal analysis of a modified fraction I (Cohn) from plasmin- and thrombin-incubated plasma.
Scand J Clin Lab Invest 31:43-9, Jan 73
ALANINE, analysis/ ASPARTIC ACID, analysis/ AUTOANALYSIS/ BLOOD COAGULATION/ BLOOD PROTEINS/ BUFFERS/ *FIBRIN, analysis/ FIBRIN, metabolism/ FIBRINOGEN, metabolism/ FIBRINOLYSIS, drug effects/ *FIBRINOLYTIC AGENTS, pharmacodynamics/ GLUTAMATES, analysis/ GLYCINE, analysis/ HUMAN/ METHODS/ SOLUBILITY/ *THROMBIN, pharmacodynamics/ TYROSINE, analysis

3946. **Kierulf P:** Studies on soluble fibrin in plasma. II. N-terminal analysis of a modified fraction I (Cohn) from patient plasmas.
Scand J Clin Lab Invest 31:37-42, Jan 73
AGED/ ALCOHOL, ETHYL/ AUTOANALYSIS/ BLOOD COAGULATION/ *BLOOD PROTEINS, analysis/ FEMALE/ *FIBRIN, analysis/ FIBRINOGEN, metabolism/ FIBRINOLYSIN, metabolism/ FIBRINOLYSIS/ GLYCINE, analysis/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ RABBITS, immunology/ THROMBIN, analysis/ THROMBIN, metabolism

3947. **Kierulf P, Godal HC:** Fibrinaemia and multiple thrombi in pancreatic carcinoma. A case studied with quantitative N-terminal analysis.
Scand J Haematol 9:370-6, 1972
ALANINE, analysis/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ *DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *FIBRIN, analysis/ *FIBRINOGEN, analysis/ GLYCINE, analysis/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ *PANCREATIC NEOPLASMS, blood/ THROMBIN/ THROMBOPHLEBITIS, prevention & control/ TYROSINE, analysis/ WARFARIN, therapeutic use

3948. **Kierzkowska A, Mondelski S:** Choroba Hippla i Lindaua w obrazie angiografii fluoresceinowej.
Wiad Lek 26:79-85, 1 Jan 73 (Pol)
ADULT/ *ANGIOMATOSIS, diagnosis/ FEMALE/ *FLUORESCENCE ANGIOGRAPHY/ *FUNDUS OCULI/ HUMAN/ TIME FACTORS

3949. **Kiesewetter R, Bartelmann H:** Medikamentennebenwirkungen und -interferenzen bei einem ausgesuchten Patientengut eines Fachkrankenhauses für Innere Medizin.
Z Aerztl Fortbild (Jena) 66:964-9, 1 Oct 72 (Ger)
ANTIBIOTICS, adverse effects/ ANTIBIOTICS, therapeutic use/ ANTICOAGULANTS, pharmacodynamics/ ANTIDIABETICS, adverse effects/ BARBITURATES, pharmacodynamics/ DIGITALIS GLYCOSIDES, adverse effects/ DIGITALIS GLYCOSIDES, therapeutic use/ DRUG ANTAGONISM/ *DRUG INTERACTIONS/ DRUG SYNERGISM/ *DRUG THERAPY, adverse effects/ HUMAN/ HYPOPROTEINEMIA, complications/ PHENYLBUTAZONE, pharmacodynamics/ SULFONAMIDES, adverse effects/ SULFONAMIDES, therapeutic use

3950. **Kiesselbach TH, Wagner RH:** Demonstration of factor XIII in human megakaryocytes by a fluorescent antibody technique.
Ann NY Acad Sci 202:318-28, 8 Dec 72
ANEMIA, APLASTIC, enzymology/ BIOLOGICAL TRANSPORT/ BLOOD CELLS/ BLOOD PLATELETS, cytology/ BLOOD PLATELETS, enzymology/ *CYTOPLASM, enzymology/ DOGS, immunology/ ENZYME PRECURSORS, analysis/ *FACTOR XIII, analysis/ FACTOR XIII, biosynthesis/ FACTOR XIII, physiology/ FLUORESCENT ANTIBODY TECHNIC/ GEL DIFFUSION TESTS/ GOATS, immunology/ HEMOSTASIS/ HUMAN/ IGG/ IMMUNOELECTROPHORESIS/ MEGAKARYOCYTES, cytology/ *MEGAKARYOCYTES, enzymology/ MICROSCOPY, FLUORESCENCE/ RABBITS, immunology/ THROMBOPENIA, enzymology

3951. **Kifor E, Werle E:** Beiträge zur Untersuchung der Wirkung von Trasylol. I. Einfluss von Trasylol auf Migration und Degranulation der neutrophilen Granulozyten, Vergleich mit Prednisolon.
Blut 26:61-8, Jan 73 (Ger)
ACID PHOSPHATASE, metabolism/ ALKALINE PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ CELL MIGRATION INHIBITION/ *CELL MOVEMENT, drug effects/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ EXUDATES AND TRANSUDATES, enzymology/ HAMSTERS/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ LEUKOCYTE COUNT/ NEUTROPHILS, drug effects/ *NEUTROPHILS, physiology/ PERITONITIS, drug therapy/ PERITONITIS, enzymology/ PERITONITIS, physiopathology/ *PREDNISOLONE, pharmacodynamics/ PREDNISOLONE, therapeutic use

3952. **Kifor E, Werle E:** Beiträge zur Untersuchung der Wirkung von Trasylol. II. Einfluss von Trasylol und Prednisolon auf die Kininogenkonzentration im Peritonealexsudat von Goldhamstern.
Blut 26:141-5, Feb 73 (Ger)
ANIMAL EXPERIMENTS/ ASCITIC FLUID, drug effects/ ASCITIC FLUID, metabolism/ ENGLISH ABSTRACT/ HAMSTERS/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ KININOGENS, metabolism/ *KININS, metabolism/ LEUKOCYTES, drug effects/ *PERITONITIS, metabolism/ *PREDNISOLONE, pharmacodynamics/ PROTEIN PRECURSORS, metabolism/ SUCCINATES

3953. **Kifor E, Werle E:** Beiträge zur Untersuchung der Wirkung von Trasylol. 3. Wirkung von Trasylol auf die Degranulation der zirkulierenden Thrombozyten und die Mobilisation der neutrophilen Granulozyten während einer experimentellen Peritonitis.
Blut 26:188-92, Mar 73 (Ger)
ACID PHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, enzymology/ ENGLISH ABSTRACT/ HAMSTERS/ KALLIKREIN-TRYPSIN INACTIVATOR, blood/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ LEUKOCYTE COUNT/ *NEUTROPHILS, drug effects/ *PERITONITIS, drug therapy/ TIME FACTORS

3954. **Kikuchi K, Aneha Y, Natsume R, et al:** [Clinical study for augmentation of efficacy of anticancer drugs. 1. Combination therapy by proteolytic enzyme and anticancer drugs]
J Jap Soc Cancer Ther 7:270-8, 20 Dec 72 (Jap)
ANTINEOPLASTIC AGENTS, administration & dosage/ *ANTINEOPLASTIC AGENTS, administration & dosage/ ANTINEOPLASTIC AGENTS, metabolism/ BREAST NEOPLASMS, drug therapy/ COLONIC NEOPLASMS, drug therapy/ CYCLOPHOSPHAMIDE, metabolism/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ HUMAN/ LYMPHOMA, drug therapy/ *PEPTIDE HYDROLASES, administration & dosage/ RECTAL NEOPLASMS, drug therapy/ STOMACH NEOPLASMS, drug therapy/ THYROID NEOPLASMS, drug therapy

3955. **Kikugawa K, Iizuka K, Ichino M:** Platelet aggregation inhibitors. 4. N 6 -substituted adenosines.
J Med Chem 16:358-64, Apr 73
*ADENOSINE, chem synthesis/ ADENOSINE, pharmacodynamics/ ADENOSINE DIPHOSPHATE, antagonists & inhibitors/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE MONOPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, drug effects/ CELL AGGREGATION, drug effects/ CHEMISTRY/ COLLAGEN, antagonists & inhibitors/ HUMAN/ MALE/ PLATELET ADHESIVENESS, drug effects/ *PLATELET ADHESIVENESS, drug effects/ RABBITS/ STRUCTURE-ACTIVITY RELATIONSHIP/ TIME FACTORS

3956. **Kim BK, Baldini MG:** Preservation of viable platelets by freezing. Effect of plastic containers.
Proc Soc Exp Biol Med 142:345-50, Jan 73
*BLOOD PLATELETS/ *BLOOD PRESERVATION, instrumentation/ CELL SURVIVAL/ CHROMIUM ISOTOPES/ CRYOPROTECTIVE AGENTS/ DIMETHYL SULFOXIDE/ *FREEZING/ HUMAN/ OSMOTIC FRAGILITY/ *PLASTICS

3957. **Kim G, Graves DJ:** On the hysteretic response of rabbit skeletal muscle phosphorylase kinase.
Biochemistry 12:2090-5, 22 May 73
ENZYME ACTIVATION/ GLYCOGEN PHOSPHORYLASE/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MAGNESIUM/ *MUSCLES, enzymology/ PHOSPHORUS ISOTOPES/ *PHOSPHORYLASE KINASE/ PROTEIN BINDING/ RABBITS/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TEMPERATURE/ THERMODYNAMICS/ TIME FACTORS/ TRYPSIN

3958. **Kim MA, Bier L:** Identification and location of the

Y-body in interphase by quinacrine and Giemsa. Humangenetik 16:261-5, 1972
CELL NUCLEOLUS/ CELL NUCLEUS/ CYTOLOGICAL TECHNICS/ EPITHELIAL CELLS, cytology/ FIBROBLASTS, cytology/ FLUORESCENCE/ HUMAN/ *KARYOTYPING/ LYMPHOCYTES, cytology/ MALE/ METHODS/ QUINACRINE/ *SEX CHROMOSOMES/ STAINS AND STAINING/ TRYPSIN

3959. **Kim SK, Mons E, Wehinger H:** NBT-Test, ein neues Hilfsmittel für die Diagnostik bakterieller Infektionen.
Klin Paediatr 185:141-6, Mar 73 (Ger)
AGE FACTORS/ *BACTERIAL INFECTIONS, diagnosis/ COLLAGEN DISEASES, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEVER, diagnosis/ HEMOPHILIA, diagnosis/ HUMAN/ INFANT, NEWBORN/ METHODS/ TETRAZOLIUM SALTS/ TUBERCULOSIS, diagnosis/ VIRUS DISEASES, diagnosis

3960. **Kim YS, Martin DF:** Colorimetric estimation of acidic polysaccharide content of Gymnodinium breve.
Environ Lett 4:109-16, 1973
*ALGAE, analysis/ COLORIMETRY/ DYES/ HEPARIN/ INDICATORS AND REAGENTS/ PHYTOPLANKTON, analysis/ *PLANKTON, analysis/ *POLYSACCHARIDES, analysis

3961. **Kimber CL, Mukherjee T, Deller DJ:** In vitro iron attachment to the intestinal brush border. Effect of iron stores and other environmental factors.
Am J Dig Dis 18:781-91, Sep 73
ANEMIA, metabolism/ ANIMAL EXPERIMENTS/ BINDING SITES/ CATTLE/ *CELL MEMBRANE, metabolism/ CHELATING AGENTS, pharmacodynamics/ GASTRIC JUICE, metabolism/ GLYCOPROTEINS, metabolism/ GUINEA PIGS/ HEME, metabolism/ HEMOGLOBIN, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ INTESTINAL ABSORPTION/ INTESTINAL MUCOSA, analysis/ *INTESTINAL MUCOSA, metabolism/ INTESTINE, SMALL, metabolism/ *IRON, metabolism/ IRON CHELATES, pharmacodynamics/ IRON-DEXTRAN COMPLEX, metabolism/ IRON ISOTOPES/ MICROSCOPY, ELECTRON/ MICROSCOPY, PHASE CONTRAST/ OXYGEN/ PARTIAL PRESSURE/ PEPSIN, metabolism/ RABBITS/ SPECTROPHOTOMETRY, ATOMIC ABSORPTION/ SPECTRUM ANALYSIS/ TEMPERATURE/ TRYPSIN, metabolism

3962. **Kimmel MT, Plummer TH Jr:** Identification of a glutamic acid at the active center of bovine carboxypeptidase B. J Biol Chem 247:7864-9, 25 Dec 72
ACETIC ACIDS/ ALKYLATION/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AMINOPEPTIDASES/ ANIMAL EXPERIMENTS/ ARGININE/ BINDING SITES/ BROMINE/ CARBON ISOTOPES/ *CARBOXYPEPTIDASES, analysis/ CATTLE/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ GEL FILTRATION/ *GLUTAMATES, analysis/ OLIGOPEPTIDES, analysis/ *PANCREATIC JUICE, enzymology/ PEPSIN/ PEPTIDES, analysis/ THIOCYANATES/ TRYPSIN

3963. **Kimura S, Arai M:** [Hageman factor (Factor XII) in retinal vein obstruction]
Acta Soc Ophthalmol Jap 77:587-93, Jun 73 (Jap)
ARTERIOSCLEROSIS, blood/ ENGLISH ABSTRACT/ *FACTOR XII, analysis/ HUMAN/ HYPERTENSION, blood/ *RETINAL VEIN/ *THROMBOSIS, blood

3964. **Kimura S, Guyer R, Terry WD, et al:** Chemical evidence for lambda-type amyloid fibril proteins.
J Immunol 109:891-2, Oct 72
*AMYLOID, analysis/ *ANTIGENIC DETERMINANTS/ BENCE JONES PROTEIN/ CHYMOTRYPSIN, pharmacodynamics/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ HUMAN/ *PEPTIDE CHAIN TERMINATION

3965. **Kincaid-Smith P:** Management of severe hypertension.
Am J Cardiol 32:575-81, 20 Sep 73
BENZOTHIADIAZINES, therapeutic use/ BLOOD PRESSURE, drug effects/ CLONIDINE, therapeutic use/ DIAZOXIDE, therapeutic use/ DIET, SALT-FREE/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ GLOMERULAR FILTRATION RATE/ HUMAN/ HYDRALAZINE, therapeutic use/ *HYPERTENSION, drug therapy/ HYPERTENSION, etiology/ METHYLDOPA, therapeutic use/ MINOXIDIL, therapeutic use/ PREGNANCY TOXEMIAS, complications/ PRONETHALOL, therapeutic use/ PROPRANOLOL, pharmacodynamics/ PROPRANOLOL, therapeutic use/ RENIN, blood/ SODIUM, adverse effects/ SODIUM, urine/ SPIRONOLACTONE, therapeutic use

3966. **Kincaid-Smith P:** Coagulation and renal disease.
Kidney Int 2:183-90, Oct 72 (99 ref.)
ANGIOTENSIN, adverse effects/ ANIMAL EXPERIMENTS/ ANTICOAGULANTS, therapeutic use/ *BLOOD COAGULATION/ *BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, immunology/ CATECHOLAMINES, adverse effects/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FIBRIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, RENAL, etiology/ KIDNEY DISEASES, complications/ KIDNEY DISEASES, drug therapy/ *KIDNEY DISEASES, etiology/ KIDNEY DISEASES, immunology/ KIDNEY FAILURE, ACUTE, etiology/ KIDNEY GLOMERULUS, immunology/ KIDNEY GLOMERULUS, pathology/ PREGNANCY/ PREGNANCY TOXEMIAS, complications/ PREGNANCY TOXEMIAS, pathology/ RENIN, adverse effects/ REVIEW/ THROMBOSIS, complications/ THROMBOSIS, etiology/ UREMIA, pathology

3967. **Kincaid-Smith P:** The treatment of chronic mesangiocapillary (membranoproliferative) glomerulonephritis with impaired renal function.
Med J Aust 2:587-92, 9 Sep 72
ANTICOAGULANTS, therapeutic use/ BIOPSY/ CYCLOPHOSPHAMIDE, therapeutic use/ DIPYRIDAMOLE, therapeutic use/ DRUG COMBINATIONS/ ERYTHROCYTE COUNT/ FEMALE/ *GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, mortality/ GLOMERULONEPHRITIS, pathology/ HEMATURIA, urine/ HUMAN/ *HYPERTENSION, MALIGNANT, drug therapy/ KIDNEY, pathology/ MALE/ *NEPHROTIC SYNDROME, drug therapy/ PROGNOSIS/ PROTEINURIA, drug therapy/ URINE, cytology

3968. **Kindler U:** Sulla diagnostica sierologica della cardite reumatica. Minerva Med 63:5239-43, 26 Dec 72 (Ita)
ANTIBODIES, analysis/ ANTIGEN-ANTIBODY REACTIONS/ ANTISTREPTOLYSIN, blood/ BLOOD SEDIMENTATION/ C-REACTIVE PROTEIN, analysis/ CERULOPLASMIN, analysis/ COMPLEMENT FIXATION TESTS/ FIBRINOGEN, analysis/ HUMAN/ IMMUNOGLOBULINS, analysis/ MACROGLOBULINS, analysis/ MYOCARDIUM/ *RHEUMATIC HEART DISEASE, diagnosis/ RHEUMATIC HEART DISEASE, immunology/ SERODIAGNOSIS

3969. **King EG, Clarke ME, Buchanan DI:** Acute anemia with factor VIII therapy. Ann Intern Med 77:323-4, Aug 72
ADOLESCENCE/ *ANEMIA, HEMOLYTIC, ACQUIRED, chemically induced/ *FACTOR VIII, adverse effects/ FACTOR VIII, therapeutic use/ HEMOPHILIA, drug therapy/ HUMAN/ MALE

3970. **King JB:** Some recent advances in coagulation--1972.
S Afr Med J 46:2085-9, 30 Dec 72 (42 ref.)
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ *BLOOD COAGULATION/ BLOOD COAGULATION FACTORS, physiology/

*BLOOD PLATELETS, physiology/ COMPLEMENT/ *DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ HUMAN/ IMMUNOASSAY/ LEUKOCYTES, physiology/ PLASMINOGEN, metabolism/ POSTOPERATIVE COMPLICATIONS/ PROTHROMBIN TIME/ REVIEW/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, drug therapy/ THROMBOPLASTIN, standards

3971. **King JB:** Fibrinolysis by bile.
Thromb Diath Haemorrh 28:299-305, 31 Oct 72
ACETONE/ ALCOHOL, METHYL/ AMMONIUM SULFATE/ ANIMAL EXPERIMENTS/ BABOONS/ *BILE/ BILE, analysis/ CASEIN/ CATTLE/ CHLOROFORM/ CHROMATOGRAPHY, THIN LAYER/ DEXTRAN/ DOGS/ *FIBRINOLYSIS/ GOATS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ PRECIPITATION/ RATS/ SHEEP/ SWINE

3972. **King P, Royle JP:** Autogenous vein grafting in atheromatous rabbits. Cardiovasc Res 6:627-33, Nov 72
ANIMAL EXPERIMENTS/ ARTERIES, pathology/ *ARTERIOSCLEROSIS/ ARTERIOSCLEROSIS, chemically induced/ ARTERIOSCLEROSIS, etiology/ CHOLESTEROL/ DIET, ATHEROGENIC/ FEMALE/ *FEMORAL VEIN, transplantation/ HUMAN/ MALE/ RABBITS/ SUTURES/ *TRANSPLANTATION, AUTOLOGOUS, adverse effects/ TRANSPLANTATION, AUTOLOGOUS, instrumentation/ VEINS, pathology

3973. **King TP, Spencer EM:** Amino acid sequences of the amino and the carboxyl terminal cyanogen bromide peptides of bovine plasma albumin.
Arch Biochem Biophys 153:627-40, Dec 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CARBON ISOTOPES/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ PEPTIDES, analysis/ PRONASE/ PROTEIN HYDROLYSATES/ *SERUM ALBUMIN, BOVINE, analysis/ SUBTILISINS/ THERMOLYSIN/ TRYPSIN

3974. **Kingdon HS:** Anticoagulants: a guide for practitioners.
Postgrad Med 54:61-5, Aug 73
ANGINA PECTORIS, drug therapy/ ANTICOAGULANTS, adverse effects/ *ANTICOAGULANTS, therapeutic use/ ASPIRIN, therapeutic use/ BISHYDROXYCOUMARIN, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ ELECTRIC COUNTERSHOCK/ HEART VALVE DISEASES, drug therapy/ HUMAN/ MYOCARDIAL INFARCT, drug therapy/ PULMONARY EMBOLISM, prevention & control/ THROMBOPHLEBITIS, drug therapy/ THROMBOSIS, prevention & control/ WARFARIN, therapeutic use

3975. **Kingdon HS:** Anticoagulants: a guide for practitioners.
Postgrad Med 54:88-92 contd, Jul 73
BLOOD COAGULATION/ CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ CEREBROVASCULAR DISORDERS, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ PULMONARY EMBOLISM, drug therapy/ *THROMBOPHLEBITIS, drug therapy

3976. **Kinlough-Rathbone RL, Chahil A, Mustard JF:** Effect of external calcium and magnesium on thrombin-induced changes in calcium and magnesium of pig platelets. Am J Physiol 224:941-5, Apr 73
ADENINE NUCLEOTIDES, metabolism/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ *CALCIUM, blood/ CALCIUM, pharmacodynamics/ DRUG SYNERGISM/ *MAGNESIUM, blood/ MAGNESIUM, pharmacodynamics/ SEROTONIN, metabolism/ SWINE/ *THROMBIN, pharmacodynamics/ TRITIUM

3977. **Kirchev P, Mileva Zh, Dimov D:** Promeni v serumnata aktivnost na tripsina pri bolni ot bronkhialna astma v mezhdurpistupen period i po vreme na eksperimentalen anafilaktichen shok.
Eksp Med Morfol 10:105-9, 1971 (Bul)
*ANAPHYLAXIS, enzymology/ ANIMAL EXPERIMENTS/ *ASTHMA, enzymology/ ENGLISH ABSTRACT/ GUINEA PIGS/ HISTAMINE, blood/ HISTAMINE LIBERATION/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ *TRYPSIN, blood

3978. **Kirchmayer S, Stalowa I, Szczepkowska W, et al:** Proteolytic activity of leukemic cells--a new differential diagnostic method in acute leukemia.
Mater Med Pol 3:7-9, Jan-Mar 71
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ BLOOD COAGULATION TESTS/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ FIBRIN, metabolism/ HUMAN/ HYDROLYSIS/ *LEUKEMIA, diagnosis/ LEUKEMIA, enzymology/ LEUKEMIA, MYELOBLASTIC, diagnosis/ LEUKEMIA, MYELOBLASTIC, enzymology/ LEUKEMIA, MYELOCYTIC, diagnosis/ LEUKEMIA, MYELOCYTIC, enzymology/ *LEUKOCYTES, enzymology/ LYMPHOCYTES, immunology/ METHODS/ MIDDLE AGE/ NEOPLASM PROTEINS, metabolism/ *PEPTIDE HYDROLASES, blood/ PEPTIDE HYDROLASES, metabolism/ RETICULOENDOTHELIOSIS, diagnosis/ RETICULOENDOTHELIOSIS, enzymology/ UREASE, metabolism

3979. **Kirchner C:** Uterine protease activities and lysis of the blastocyst covering in the rabbit.
J Embryol Exp Morphol 28:177-83, Aug 72
ANIMAL EXPERIMENTS/ CELL MEMBRANE/ ELECTROPHORESIS/ FEMALE/ GESTATIONAL AGE/ HISTOCYTOCHEMISTRY/ NIDATION/ *OVUM, enzymology/ *PEPTIDE HYDROLASES, analysis/ PREGNANCY/ RABBITS/ TIME FACTORS/ *UTERUS, enzymology

3980. **Kirchner JA, Sasaki CT:** Fusion of the vocal cords following intubation and tracheostomy.
Trans Am Acad Ophthalmol Otolaryngol 77:or188-91, Mar-Apr 73
ADHESIONS/ ADOLESCENCE/ AIRWAY RESISTANCE/ DILATATION/ FEMALE/ HUMAN/ INFANT/ *INTUBATION, INTRATRACHEAL, adverse effects/ *LARYNGOSTENOSIS, etiology/ MALE/ *TRACHEOTOMY, adverse effects/ *VOCAL CORDS, surgery

3981. **Kiriakov Z, Otsetova S:** Produlzhitelno kheparinizirane pri lechenie na khronichnata bubrechna nedostatuchnost s intermitirashta khemodializa.
Khirurgiia (Sofiia) 25:357-9, 1972 (Bul)
ENGLISH ABSTRACT/ *HEMODIALYSIS/ *HEPARIN, therapeutic use/ HUMAN/ *KIDNEY FAILURE, CHRONIC, therapy

3982. **Kiricuta I, Todorutiu C, Muresian T, et al:** Prophylaxis of metastases formation by unspecific immunologic stimulation associated with heparintherapy.
Cancer 31:1392-6, Jun 73
ANIMAL EXPERIMENTS/ BACTERIA/ BIOLOGICAL PRODUCTS, therapeutic use/ *HEPARIN, therapeutic use/ ISOTONIC SOLUTIONS, therapeutic use/ LUNG NEOPLASMS/ LYMPHATIC METASTASIS/ MALE/ MICE/ *NEOPLASM METASTASIS, prevention & control/ NEOPLASMS, EXPERIMENTAL, drug therapy/ NEOPLASMS, EXPERIMENTAL, immunology/ *NEOPLASMS, EXPERIMENTAL, therapy/ RETICULOENDOTHELIAL SYSTEM, drug effects

3983. Kirisawa N: [Some problems of cataract surgery]
Acta Soc Ophthalmol Jap 77:265-72, 1973 (Jap)
AGED/ *CATARACT EXTRACTION/ CHYMOTRYPSIN, adverse effects/ CORNEA, surgery/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INTRAOCULAR PRESSURE/ METHODS/ MIDDLE AGE/ PREOPERATIVE CARE/ SUTURES

3984. Kirk J, Handley DA: Experiences in the use of fibrinolytic agents in Behcet's syndrome.
Australas J Dermatol 13:5-10, Apr 72
ADULT/ *BEHCET'S SYNDROME, drug therapy/ BEHCET'S SYNDROME, pathology/ ETHYLESTRENOL, therapeutic use/ FEMALE/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ PHENFORMIN, therapeutic use

3985. Kirk RL, Blake NM, Moodie PM, et al: Population genetic studies in Australian Aborigines of the Northern Territory. The distribution of some serum protein and enzyme groups among populations at various localities in the Northern Territory of Australia. Hum Biol Oceania 1:54-76, Feb 71
ACID PHOSPHATASE, blood/ AUSTRALIA/ *AUSTRALIAN RACE/ BLOOD GROUPS/ *BLOOD PROTEINS, analysis/ *ERYTHROCYTES, enzymology/ FEMALE/ GENE FREQUENCY/ *GENETICS, POPULATION/ HAPTOGLOBINS, analysis/ HUMAN/ LACTATE DEHYDROGENASE, blood/ MALATE DEHYDROGENASE, blood/ MALE/ PEPTIDE HYDROLASES, blood/ PHOSPHOGLUCOMUTASE, blood/ PHOSPHOGLUCONATE DEHYDROGENASE, blood/ PHOSPHOTRANSFERASES, blood/ TRANSFERRIN, analysis

3986. Kirkels VG, Loux AH le, Rijneke RD: Het haematoma vulvae.
Ned Tijdschr Geneeskd 117:257-63, 17 Feb 73 (Dut)
ADULT/ ENGLISH ABSTRACT/ FEMALE/ *HEMATOMA/ HEMATOMA, surgery/ HUMAN/ PREGNANCY/ *PUERPERAL DISORDERS/ *VULVA/ VULVA, surgery

3987. Kirschbaum BB, Zoltick PW, Bosmann HB: Rat kidney acid hydrolase and glycoprotein:glycosyltransferase activity in lead intoxication.
Res Commun Chem Pathol Pharmacol 5:441-58, Mar 73
ACID PHOSPHATASE, analysis/ ACID PHOSPHATASE, urine/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BODY WEIGHT/ CARBON ISOTOPES/ CATHEPSIN, analysis/ CELL MEMBRANE, enzymology/ CYTOSINE NUCLEOTIDES/ GLUCOSIDASE, analysis/ GLUCOSIDASE, urine/ GLYCOPROTEINS/ GLYCOPROTEINS, metabolism/ *HYDROLASES, metabolism/ KIDNEY, cytology/ *KIDNEY, enzymology/ KIDNEY, metabolism/ *LEAD POISONING, enzymology/ LEAD POISONING, metabolism/ NEURAMINIC ACIDS/ NEURAMINIDASE, analysis/ NUCLEOTIDYLTRANSFERASES, analysis/ ORGAN WEIGHT/ PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, urine/ PROTEINS, analysis/ RATS/ *TRANSFERASES, metabolism

3988. Kirschenbaum DM: Molar absorptivity and A-1 per cent-1cm values for proteins at selected wavelengths of the ultraviolet and visible region. VI.
Int J Protein Res 4:125-40, 1972 (145 ref.)
*ABSORPTION/ ALBUMINS/ BACTERIAL PROTEINS/ HUMAN/ IMMUNOGLOBULINS/ LACTATE DEHYDROGENASE/ LIGHT/ LIPASE/ LIPOPROTEINS/ MUCIN/ MYOGLOBIN/ MYOSIN/ PAPAIN/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEROXIDASES/ PLANT PROTEINS/ *PROTEINS/ REVIEW/ RNA NUCLEOTIDYL-TRANSFERASES/ THERMOLYSIN/ TRYPSIN INHIBITORS/ ULTRAVIOLET RAYS/ VENOMS/ VIRAL PROTEINS

3989. Kirschenbaum DM: A compilation of amino acid analyses of proteins. II.
Anal Biochem 49:248-66, Sep 72 (97 ref.)
ACETYLCHOLINESTERASE, analysis/ ACTIN, analysis/ ADENOSINE TRIPHOSPHATASE, analysis/ ALDOLASE, analysis/ ALLERGENS, analysis/ *AMINO ACIDS, analysis/ AMINOHYDROLASES, analysis/ AMINOTRANSFERASES, analysis/ ANIMAL EXPERIMENTS/ ANTIGENS, analysis/ BACTERIAL PROTEINS, analysis/ BROMELAINS, analysis/ CARBOXY-LYASES, analysis/ CARRIER PROTEINS, analysis/ *ENZYMES, analysis/ GLYCOSIDE HYDROLASES, analysis/ HUMAN/ LYASES, analysis/ MOLECULAR WEIGHT/ OXIDOREDUCTASES, analysis/ PEPTIDE HYDROLASES, analysis/ PHOSPHATASES, analysis/ PHOSPHOTRANSFERASES, analysis/ PLANT PROTEINS, analysis/ *PROTEINS, analysis/ REVIEW/ SERUM ALBUMIN, analysis

3990. Kirschner R: Nejčastější příčiny komplikací při ošetřování zraněné krční páteře.
Rozhl Chir 51:541-9, Sep 72 (Cze)
*CERVICAL VERTEBRAE, injuries/ ENGLISH ABSTRACT/ HEMATOMA, etiology/ HUMAN/ INTERVERTEBRAL DISK DISPLACEMENT, etiology/ ISCHEMIA/ MALE/ SPINAL CORD, blood supply/ SPINAL INJURIES, complications/ *SPINAL INJURIES, therapy

3991. Kirschner RH, Getz G8, Evans AE: Leukocyte mitochondria: function and biogenesis.
Enzyme 13:56-76, 1972 (73 ref.)
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, metabolism/ BLOOD PROTEINS, biosynthesis/ BLOOD SUGAR, metabolism/ DNA, blood/ ELECTRON TRANSPORT/ GENETICS, HUMAN/ HUMAN/ KREBS CYCLE/ LEUKEMIA, blood/ LEUKOCYTES, cytology/ *LEUKOCYTES, metabolism/ LYMPHOCYTES, enzymology/ MITOCHONDRIA, enzymology/ *MITOCHONDRIA, metabolism/ NAD, blood/ OXIDATION-REDUCTION/ OXIDATIVE PHOSPHORYLATION/ OXYGEN CONSUMPTION/ POLYMORPHISM (GENETICS)/ REVIEW/ RIBOSOMES, metabolism/ RNA, blood

3992. Kirshen EJ, Naftolin F, Benirschke K: Uterine hemangiopericytoma in a 19-year-old woman.
Obstet Gynecol 40:652-6, Nov 72
ADULT/ FEMALE/ *HEMANGIOPERICYTOMA/ HEMANGIOPERICYTOMA, pathology/ HEMANGIOPERICYTOMA, surgery/ HUMAN/ HYSTERECTOMY/ *UTERINE NEOPLASMS/ UTERINE NEOPLASMS, pathology/ UTERINE NEOPLASMS, surgery/ UTERUS, pathology

3993. Kisfaludy L, Löw M, Dévényi T: Enzymatic degradation of peptides containing alpha-aminooxycarboxylic acids.
Acta Biochim Biophys Acad Sci Hung 6:393-403, 1971
AMINO ACID SEQUENCE/ *AMINO ACIDS/ AMINOPEPTIDASES/ CARBOXYPEPTIDASES/ CHEMISTRY/ CHROMATOGRAPHY, THIN LAYER/ CHYMOTRYPSIN/ *ETHERS/ HYDROLYSIS/ *PEPTIDE HYDROLASES/ *PEPTIDES/ TRYPSIN

3994. Kisiel W, Hanahan DJ: Purification and characterization of human Factor II.
Biochim Biophys Acta 304:103-13, 30 Mar 73
AMINO ACIDS, analysis/ BARIUM/ BLOOD CHEMICAL ANALYSIS/ CARBOHYDRATES, analysis/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CITRATES/ COMPARATIVE STUDY/ DIALYSIS/ EDTA/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ EVALUATION STUDIES/ FACTOR X, analysis/ GEL FILTRATION/ HEXOSAMINES, analysis/ HEXOSES, analysis/ HUMAN/ METHODS/ MOLECULAR WEIGHT/ NEURAMINIC ACIDS, analysis/ PROTHROMBIN, analysis/ *PROTHROMBIN, isolation & purification/ SODIUM DODECYL SULFATE/ ULTRACENTRIFUGATION

3995. Kisker CT, Mauer AM: Bleeding and infection.
Am J Dis Child 124:483-4, Oct 72

BLOOD TRANSFUSION/ DIAGNOSIS, DIFFERENTIAL/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *HEMORRHAGE, etiology/ HEPARIN, therapeutic use/ HUMAN/ *INFECTION/ SPLENECTOMY/ THROMBOPENIA, complications/ THROMBOPENIA, diagnosis/ THROMBOPENIA, therapy

3996. **Kisker CT, Perlman AW, Benton C: Arthritis in hemophilia.** Semin Arthritis Rheum 1:220-5, Winter 72
ANKLE JOINT/ *ARTHRITIS, etiology/ ARTHRITIS, prevention & control/ ARTHRITIS, radiography/ CHILD/ CONTRACTURE, etiology/ ELBOW JOINT/ HEMARTHROSIS, drug therapy/ HEMARTHROSIS, etiology/ HEMARTHROSIS, therapy/ *HEMOPHILIA, complications/ HEMOPHILIA, pathology/ HEMOPHILIA, physiopathology/ HEMOSTASIS/ HUMAN/ HYALURONIDASE, therapeutic use/ KNEE JOINT/ MALE/ SHOULDER JOINT/ SPLINTS/ SYNOVITIS, etiology

3997. **Kisker CT, Rush R: Circulating fibrin in meningococcemia.** J Pediatr 82:787-91, May 73
BLOOD COAGULATION TESTS/ BLOOD PLATELETS, analysis/ CHILD/ CHILD, PRESCHOOL/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *FIBRIN, analysis/ FIBRINOGEN/ HEPARIN, therapeutic use/ HUMAN/ INFANT/ *MENINGOCOCCAL INFECTIONS, blood/ MENINGOCOCCAL INFECTIONS, complications/ MENINGOCOCCAL INFECTIONS, drug therapy/ PROTHROMBIN TIME/ THROMBOPLASTIN

3998. **Kiss A, Sári B, Jakó J, et al: Das Verhalten einiger Thrombozytenenzyme(LDH, G-6-PDH) bei chronischer Hepatitis und Leberzirrhose.**
Folia Haematol (Leipz) 99:180-90, 1973 (Ger)
BLOOD CELL COUNT/ *BLOOD PLATELETS, enzymology/ BLOOD PLATELETS, metabolism/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ EPINEPHRINE, administration & dosage/ EPINEPHRINE, pharmacodynamics/ *GLUCOSEPHOSPHATE DEHYDROGENASE, blood/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ HEPATITIS, blood/ *HEPATITIS, enzymology/ HUMAN/ INFUSIONS, PARENTERAL/ *LACTATE DEHYDROGENASE, blood/ LACTATE DEHYDROGENASE, metabolism/ LIVER CIRRHOSIS, blood/ *LIVER CIRRHOSIS, enzymology/ SPLENOMEGALY/ THROMBOPENIA

3999. **Kiss S, Szécsey G, Bretán M, et al: Az L-alanylpeptidhydrolase és az alfa-amylase isoenzymek vizsgálata máj, epeút és pancreas meghetegedésekben.**
Orv Hetil 114:1281-4, 3 Jun 73 (Hun)
*AMYLASE, analysis/ *BILIARY TRACT DISEASES, enzymology/ HUMAN/ *ISOENZYMES, analysis/ *LIVER DISEASES, enzymology/ *PANCREATIC DISEASES, enzymology/ *PEPTIDE HYDROLASES, analysis

4000. **Kissebah AH, Harrigan P, Adams PW, et al: Effect of methandienone on free fatty acid and triglyceride turnover in normal females.**
Horm Metab Res 5:275-9, Jul 73
ADOLESCENCE/ ADULT/ ANTIGEN-ANTIBODY REACTIONS/ BODY WEIGHT/ CARBON ISOTOPES/ FASTING/ *FATTY ACIDS, NONESTERIFIED, blood/ FATTY ACIDS, NONESTERIFIED, metabolism/ FEMALE/ GLUCOSE TOLERANCE TEST/ HEPARIN, pharmacodynamics/ HUMAN/ INSULIN, blood/ INSULIN ANTIBODIES/ IODINE ISOTOPES/ KINETICS/ *METHANDROSTENOLONE, pharmacodynamics/ PALMITIC ACID, metabolism/ *TRIGLYCERIDES, blood/ TRIGLYCERIDES, metabolism

4001. **Kissebah AH, Harrigan P, Wynn V: Mechanism of hypertriglyceridaemia associated with contraceptive steroids.** Horm Metab Res 5:184-90, May 73
ADOLESCENCE/ ADULT/ BODY WEIGHT/ CARBON ISOTOPES/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ETHINYL ESTRADIOL, pharmacodynamics/ ETHYNODIOL DIACETATE, pharmacodynamics/ *FATTY ACIDS, NONESTERIFIED, blood/ FATTY ACIDS, NONESTERIFIED, metabolism/ FEMALE/ HEPARIN, pharmacodynamics/ HUMAN/ INSULIN ANTIBODIES/ KINETICS/ LIPOPROTEINS, VLDL, metabolism/ LIPOPROTEINS, VLDL, pharmacodynamics/ MEGESTROL, pharmacodynamics/ MESTRANOL, pharmacodynamics/ NORETHINDRONE, pharmacodynamics/ PALMITIC ACID, metabolism/ PROGESTERONE, pharmacodynamics/ TIME FACTORS/ *TRIGLYCERIDES, blood/ TRIGLYCERIDES, metabolism

4002. **Kissmeyer-Nielsen F, Andersen H, Hauge M, et al: HL-A types in Danish Eskimos from Greenland.**
Tissue Antigens 1:74-80, 1971
ANTIGENS/ BLOOD PLATELETS, immunology/ CAUCASIAN RACE/ COMPLEMENT FIXATION TESTS/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ DENMARK/ ESKIMOS/ ETHNIC GROUPS/ FEMALE/ GENE FREQUENCY/ GREENLAND/ *HISTOCOMPATIBILITY ANTIGENS/ HISTOCOMPATIBILITY TESTING/ HUMAN/ IMMUNE SERUMS/ LYMPHOCYTES, immunology/ MALE/ PREGNANCY/ TROPHOBLASTIC TUMOR, occurrence

4003. **Kitabchi AE, Duckworth WC, Stentz FB, et al: Properties of proinsulin and related polypeptides.**
CRC Crit Rev Biochem 1:59-94, Feb 72 (154 ref.)
CATTLE/ CHEMISTRY/ GLUCOSE, metabolism/ HUMAN/ HYDROLYSIS/ IMMUNOLOGY/ INSULIN/ INSULIN, biosynthesis/ INSULIN ANTIBODIES/ KINETICS/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ PANCREAS, metabolism/ PEPTIDE HYDROLASES, metabolism/ *PEPTIDES/ *PROINSULIN/ PROINSULIN, blood/ PROINSULIN, metabolism/ PROINSULIN, pharmacodynamics/ REVIEW/ SWINE/ TRYPSIN

4004. **Kitabchi AE, Nathans AH, Kitchell CL: Adrenal gland in vitamin E deficiency. 3. Inhibition of adrenocorticotropic hormone-induced steroidogenesis in isolated adrenal cells by ascorbic acid.** J Biol Chem 248:835-40, 10 Feb 73
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADRENAL GLANDS, cytology/ ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ ANTIOXIDANTS, pharmacodynamics/ ASCORBIC ACID, administration & dosage/ *ASCORBIC ACID, pharmacodynamics/ BUTYRATES, pharmacodynamics/ CELL MEMBRANE, drug effects/ CELLS, CULTURED/ *CORTICOSTERONE, biosynthesis/ CORTICOTROPIN, antagonists & inhibitors/ *CORTICOTROPIN, pharmacodynamics/ CRESOLS, pharmacodynamics/ LIPIDS, metabolism/ MALE/ OXIDATION-REDUCTION/ PEROXIDES/ RATS/ TRYPSIN/ VITAMIN E, pharmacodynamics/ VITAMIN E, therapeutic use/ VITAMIN E DEFICIENCY, drug therapy/ *VITAMIN E DEFICIENCY, metabolism

4005. **Kitabchi AE, Stentz FB: Degradation of insulin and proinsulin by various organ homogenates of rat.**
Diabetes 21:1091-101, Nov 72
ADIPOSE TISSUE, metabolism/ ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ ANTIGENS/ BRAIN,

metabolism/ CORTICOTROPIN, pharmacodynamics/ GLUCAGON, pharmacodynamics/ GLUTATHIONE, pharmacodynamics/ INSULIN/ INSULIN, antagonists & inhibitors/ *INSULIN, metabolism/ KIDNEY, enzymology/ KIDNEY, metabolism/ LIVER, metabolism/ LUNG, metabolism/ MALE/ MUSCLES, metabolism/ OVARY, metabolism/ PANCREAS, metabolism/ PEPTIDE HYDROLASES, metabolism/ *PROINSULIN, metabolism/ RATS/ SOMATOTROPIN, pharmacodynamics/ SPLEEN, metabolism/ TESTIS, metabolism

4006. **Kitao T, Takiguchi T, Kawamura H, et al:** [Basedow's disease complicated by idiopathic thrombocytopenic purpura. A case report]
J Jap Soc Intern Med 62:380-3, Apr 73 (Jap)
ADULT/ FEMALE/ *GOITER, EXOPHTHALMIC, complications/ HUMAN/ *PURPURA, THROMBOPENIC, complications

4007. **Kitzas R, Ben-Bassat M, Yehoshua H, et al:** [Primary thrombocythemia]
Harefuah 84:147-9, 1 Feb 73 (Heb)
AGED/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *THROMBOPENIA, diagnosis

4008. **Kiyohara T, Iwasaki T, Yoshikawa M:** Chemical and physicochemical characterization of potato proteinase inhibitor I and comparison of its specificity with those of inhibitors II-a and II-b.
J Biochem (Tokyo) 73:89-95, Jan 73
AMINO ACIDS, analysis/ AUTOANALYSIS/ CHEMISTRY/ CHYMOTRYPSIN, antagonists & inhibitors/ MOLECULAR WEIGHT/ PAPAIN, antagonists & inhibitors/ PEPSIN, antagonists & inhibitors/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PLANT PROTEINS, isolation & purification/ TRYPSIN INHIBITORS

4009. **Kjekshus JK, Mjos OD:** Effect of inhibition of lipolysis on infarct size after experimental coronary artery occlusion. J Clin Invest 52:1770-8, Jul 73
*ALCOHOL, METHYL, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ *CORONARY CIRCULATION, drug effects/ CREATINE KINASE, analysis/ DOGS/ ELECTROCARDIOGRAPHY/ FATTY ACIDS, NONESTERIFIED, blood/ HEART RATE/ HEPARIN, pharmacodynamics/ ISOPROTERENOL, antagonists & inhibitors/ ISOPROTERENOL, pharmacodynamics/ *MYOCARDIAL INFARCT/ MYOCARDIUM, enzymology/ *PYRIDINES, pharmacodynamics/ TRIGLYCERIDES, pharmacodynamics/ VASCULAR RESISTANCE, drug effects

4010. **Kjekshus JK, Mjos OD:** Effect of inhibition of lipolysis on infarct size after experimental coronary artery occlusion. J Clin Invest 22:1770-8, Jul 73
*ALCOHOL, METHYL, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ *CORONARY CIRCULATION, drug effects/ CREATINE KINASE, analysis/ DOGS/ ELECTROCARDIOGRAPHY/ FATTY ACIDS, NONESTERIFIED, blood/ HEART RATE/ HEPARIN, pharmacodynamics/ ISOPROTERENOL, antagonists & inhibitors/ ISOPROTERENOL, pharmacodynamics/ *MYOCARDIAL INFARCT/ MYOCARDIUM, enzymology/ *PYRIDINES, pharmacodynamics/ TRIGLYCERIDES, pharmacodynamics/ VASCULAR RESISTANCE, drug effects

4011. **Kjeldsen K, Astrup P, Wanstrup J:** Ultrastructural intimal changes in the rabbit aorta after a moderate carbon monoxide exposure.
Atherosclerosis 16:67-82, Jul-Aug 72
ANIMAL EXPERIMENTS/ AORTA, THORACIC, drug effects/ *AORTA, THORACIC, pathology/ ARTERIOSCLEROSIS, etiology/ BLOOD PLATELETS/ CAPILLARY PERMEABILITY, drug effects/ *CARBON MONOXIDE POISONING, pathology/ CELL MEMBRANE/ FIBRIN/ HEMOGLOBIN/ MALE/ MICROSCOPY, ELECTRON/ MICROSCOPY, ELECTRON, SCANNING/ MUSCLE, SMOOTH, drug effects/ RABBITS/ SMOKING, complications

4012. **Kjellman O:** Apernyl as alveolar inlay in connection with the removal of impacted third molars of the lower jaw. A clinical double blind investigation of 100 patients. Sven Tandlak Tidskr 66:197-200, Mar 73
ADOLESCENCE/ ADULT/ *ASPIRIN, administration & dosage/ ASPIRIN, therapeutic use/ CLINICAL RESEARCH/ DRY SOCKET/ FEMALE/ HEMATOMA/ HEMORRHAGE, ORAL/ HUMAN/ MALE/ MANDIBLE/ MIDDLE AGE/ MOLAR, surgery/ *PAIN, drug therapy/ PLACEBOS/ TABLETS/ *TOOTH EXTRACTION

4013. **Klapper BF, Jameson DM, Mayer RM:** The purification and properties of an extracellular protease from Aspergillus oryzae NRRL 2160.
Biochim Biophys Acta 304:505-12, 28 Apr 73
*ASPERGILLUS, enzymology/ CELL COUNT/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CULTURE MEDIA/ EDTA, pharmacodynamics/ ELECTROPHORESIS, DISK/ FLUORIDES, pharmacodynamics/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ ISOFLUROPHATE, pharmacodynamics/ MOLECULAR WEIGHT/ NITROPHENOLS, pharmacodynamics/ PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SULFONIC ACIDS, pharmacodynamics/ TIME FACTORS

4014. **Klapper BF, Jameson DM, Mayer RM:** Factors affecting the synthesis and release of the extracellular protease of Aspergillus oryzae NRRL 2160.
Biochim Biophys Acta 304:513-9, 28 Apr 73
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ AGING/ AMINO ACIDS, metabolism/ ASPERGILLUS, drug effects/ *ASPERGILLUS, enzymology/ ASPERGILLUS, growth & development/ CARBON ISOTOPES/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CULTURE MEDIA/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GLUCOSE, pharmacodynamics/ GLYCERIN, pharmacodynamics/ *PEPTIDE HYDROLASES, biosynthesis/ PEPTIDE HYDROLASES, metabolism/ PEPTIDE HYDROLASES, secretion/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TIME FACTORS/ ULTRASONICS

4015. **Klaschka F:** Methode der Bestimmung des thrombopenischen Index und seine praktische Bedeutung zur Aufdeckung von Medikament-Allergien.
Hautarzt 23:426-7, Sep 72 (Ger)
BLOOD PLATELETS/ *DRUG HYPERSENSITIVITY, diagnosis/ HUMAN/ METHODS/ SERODIAGNOSIS/ THROMBOPENIA

4016. **Klassen AC:** Treatment of cerebrovascular disorders.
Int J Neurol 9:33-42, 1972
ANTICOAGULANTS, therapeutic use/ CEREBROVASCULAR DISORDERS, drug therapy/ CEREBROVASCULAR DISORDERS, surgery/ *CEREBROVASCULAR DISORDERS, therapy/ ENDARTERECTOMY/ HUMAN

4017. **Klausberger EM, Rajna P:** Angiographic recognition of cerebral metastases via the external carotid artery in the presence of occlusion of the internal carotid artery. Neuroradiology 4:60-2, Jun 72
AGED/ *ARTERIAL OCCLUSIVE DISEASES, radiography/ *BRAIN NEOPLASMS, radiography/ *CAROTID ARTERY DISEASES, radiography/ CAROTID ARTERY, EXTERNAL, radiography/ CAROTID ARTERY, INTERNAL, radiography/ CEREBRAL ANGIOGRAPHY/ GLIOMA, radiography/ HEMANGIOMA, radiography/ HUMAN/ MALE/ MENINGIOMA, radiography/ NEOPLASM METASTASIS/ PNEUMOENCEPHALOGRAPHY

4018. **Kiebanoff G, Armstrong RG, Cline RE, et al:** Resuscitation of a patient in State IV hepatic coma using total body washout. J Surg Res 13:159-65, Oct 72
ADULT/ BICARBONATES, administration & dosage/ BLOOD COAGULATION, drug effects/ BRAIN, drug effects/ CALCIUM CHLORIDE, administration & dosage/ HEPARIN, administration & dosage/ *HEPATIC COMA, therapy/ HUMAN/ LACTATES, administration & dosage/ LIVER, pathology/ MALE/ PERFUSION/ POTASSIUM CHLORIDE, administration & dosage/ SODIUM CHLORIDE, administration & dosage

4019. **Klee CB, Gladner JA:** Isolation of a cysteine-peptide at the active site of histidine ammonia-lyase.
J Biol Chem 247:8051-7, 25 Dec 72
ALKYLATION/ AMINO ACIDS, analysis/ *AMMONIA-LYASES, analysis/ BENZOATES/ BINDING SITES/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ *CYSTEINE, analysis/ DISULFIDES/ ELECTROPHORESIS, PAPER/ ETHYLMALEIMIDE/ GEL FILTRATION/ HISTIDINE/ IODOACETATES/ KINETICS/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ NITRO COMPOUNDS/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ *PEPTIDES, isolation & purification/ *PSEUDOMONAS, enzymology/ TRYPSIN

4020. **Klein D:** La consultation génétique.
Bull Schweiz Akad Med Wiss 28:250-65, Sep 72 (Fre)
ADULT/ AUTOSOME ABNORMALITIES, familial & genetic/ CHILD/ CHILD, PRESCHOOL/ CHROMOSOME ABERRATIONS/ ENGLISH ABSTRACT/ FEMALE/ FOOT DEFORMITIES, ACQUIRED, familial & genetic/ *GENETIC COUNSELING/ HEMOPHILIA, familial & genetic/ HUMAN/ HYDROCEPHALUS, familial & genetic/ INFANT/ MALE/ MANDIBULOFACIAL DYSOSTOSIS, familial & genetic/ MATERNAL AGE/ MENTAL RETARDATION, familial & genetic/ MIDDLE AGE/ PEDIGREE/ PREGNANCY/ SPINA BIFIDA, familial & genetic

4021. **Klein E, Jacobi E, Hagemann G, et al:** Einfluss des Wetters auf die Thrombozytenadhäsivität.
Dtsch Med Wochenschr 98:1189-90, 8 Jun 73 (Ger)
ATMOSPHERE/ BLOOD COAGULATION/ HUMAN/ *PLATELET ADHESIVENESS/ SEASONS/ *WEATHER

4022. **Klein LA, Lupu A, Brosman SA:** Hypertension due to traumatic ureteral occlusion.
Invest Urol 10:327-30, Jan 73
BLOOD PRESSURE/ CATHETERIZATION/ HEMATOMA, complications/ *HYPERTENSION, etiology/ KIDNEY PELVIS/ PRESSURE/ RENIN, blood/ RETROPERITONEAL SPACE/ *URETERAL OBSTRUCTION, complications/ URETERAL OBSTRUCTION, etiology

4023. **Klein U, Gikalov I, Keller M, et al:** Drug monitoring in der Medizinischen Abteilung eines Regionalspitals.
Schweiz Med Wochenschr 102:1083-90, 5 Aug 72 (Ger)
ADULT/ AMPICILLIN, adverse effects/ ANALEPTICS, adverse effects/ ANTICOAGULANTS, adverse effects/ ANTIDEPRESSIVE AGENTS, adverse effects/ DERMATITIS MEDICAMENTOSA, occurrence/ DIGITALIS GLYCOSIDES, adverse effects/ *DRUG HYPERSENSITIVITY, occurrence/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ FEMALE/ HEPATITIS, TOXIC/ HUMAN/ HYPNOTICS AND SEDATIVES, adverse effects/ ISONIAZID, adverse effects/ MALE/ MIDDLE AGE/ *MONITORING SYSTEMS/ PENICILLIN, adverse effects/ RIFAMYCINS, adverse effects/ SULFAMETHOXAZOLE, adverse effects/ TIME FACTORS/ TRANQUILIZING AGENTS, adverse effects/ TRIMETHOPRIM, adverse effects

4024. **Klein W, Rosenbauer KA, Rupprecht L, et al:** Beitrag zur Kenntnis der juvenilen monartikulären rheumatoiden Arthritis.
Virchows Arch [Pathol Anat] 357:359-68, 1972 (Ger)
ARTHRITIS, JUVENILE RHEUMATOID, complications/ *ARTHRITIS, JUVENILE RHEUMATOID, pathology/ ARTHRITIS, JUVENILE RHEUMATOID, surgery/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ FIBRIN/ HUMAN/ HYDRARTHROSIS, etiology/ HYDRARTHROSIS, surgery/ HYPERPLASIA/ MICROSCOPY, ELECTRON, SCANNING/ SYNOVIAL MEMBRANE, pathology/ SYNOVIAL MEMBRANE, surgery

4025. **Kleinknecht D, Kanfer A, Josso F:** Intravascular coagulation and heparin therapy in acute renal failure: a reappraisal.
Rev Eur Etud Clin Biol 17:695-700, Aug-Sep 72
ABORTION, INDUCED/ *DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ HEMOLYTIC-UREMIC SYNDROME, complications/ *HEPARIN, therapeutic use/ HUMAN/ KIDNEY FAILURE, ACUTE, chemically induced/ *KIDNEY FAILURE, ACUTE, complications/ KIDNEY FAILURE, ACUTE, etiology/ KIDNEY FAILURE, ACUTE, mortality/ POSTOPERATIVE COMPLICATIONS/ PREGNANCY/ PROGNOSIS/ SEPTICEMIA, complications/ SEPTICEMIA, therapy/ SHOCK, complications/ SHOCK, therapy/ STREPTOKINASE, therapeutic use

4026. **Kleinknecht D, Kanfer A:** La coagulation intravasculaire. Son rôle en pathologie rénale.
Nouv Presse Med 2:925-8, 7 Apr 73 (Fre)
ABORTION, complications/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ GRAFT REJECTION/ HEPARIN, therapeutic use/ HUMAN/ KIDNEY, transplantation/ *KIDNEY FAILURE, ACUTE, etiology/ KIDNEY FAILURE, CHRONIC, complications/ PUERPERAL DISORDERS, complications/ SEPTICEMIA, complications

4027. **Kleinrok Z, Rotynek M:** Beitrag zur entwicklung der experimentellen Arteriosklerose bei der Ratte.
Cor Vasa 15:146-56, 1973 (Ger)
ANIMAL EXPERIMENTS/ ARTERIOSCLEROSIS, blood/ *ARTERIOSCLEROSIS, pathology/ CHOLESTEROL, blood/ DIET, ATHEROGENIC/ DISEASE MODELS, ANIMAL/ ENGLISH ABSTRACT/ LIPIDS, blood/ LIPOPROTEINS, blood/ MALE/ PHOSPHOLIPIDS, blood/ RATS

4028. **Kleinsasser O:** Synechien und Stenosen im Kehlkopf.
Z Laryngol Rhinol Otol 52:58-67, Jan 73 (Ger)
ADHESIONS/ ADULT/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ INTUBATION, INTRATRACHEAL, adverse effects/ LARYNGEAL DISEASES/ LARYNGOSCOPY/ LARYNGOSTENOSIS, classification/ LARYNGOSTENOSIS, congenital/ LARYNGOSTENOSIS, etiology/ *LARYNGOSTENOSIS, surgery/ METHODS

4029. **Kleinstein I, Dascălu M, Ababei V, et al:** Cercetări cu privire la activitatea fibrinolitică şi coagularea intravasculară diseminată în hepatita cronică şi ciroza hepatică.
Rev Med Chir Soc Med Nat Iasi 76:311-8, Apr-Jun 72 (Rum)
*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ CHRONIC DISEASE/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ *FIBRINOLYSIN, analysis/ FIBRINOLYSIS/ *HEPATITIS, complications/ HUMAN/ *LIVER CIRRHOSIS, complications

4030. **Klemm J:** Zur medikamentösen Vorbereitung bei Röntgen-Kontrastaufnahmen von Galle und Niere.
Fortschr Med 91:550, 26 Apr 73 (Ger)
AMYLASE, administration & dosage/

ASPERGILLUS/ *CHOLANGIOGRAPHY/ *GALLBLADDER, radiography/ HUMAN/ *KIDNEY DISEASES, radiography/ PAPAVERINE, administration & dosage/ PEPTIDE HYDROLASES, administration & dosage/ *PREMEDICATION/ SURFACE-ACTIVE AGENTS, administration & dosage

4031. **Klener P, Donner L, Kožená J:** Daunorubicin and adriamycin in the treatment of leukemia.
Neoplasma 20:87-96, 1973
ADRIAMYCIN, adverse effects/ ADRIAMYCIN, pharmacodynamics/ *ADRIAMYCIN, therapeutic use/ ADULT/ ANEMIA, APLASTIC, chemically induced/ ARRHYTHMIA, chemically induced/ BLOOD PLATELETS, drug effects/ CLINICAL RESEARCH/ DAUNOMYCIN, adverse effects/ DAUNOMYCIN, pharmacodynamics/ *DAUNOMYCIN, therapeutic use/ EVALUATION STUDIES/ FEMALE/ HEMORRHAGIC DIATHESIS, chemically induced/ HUMAN/ *LEUKEMIA, MONOCYTIC, drug therapy/ *LEUKEMIA, MYELOBLASTIC, drug therapy/ LEUKOCYTE COUNT, drug effects/ LEUKOPENIA, chemically induced/ MALE/ REMISSION/ THROMBOPENIA, chemically induced

4032. **Kleniewski J:** Rozpuszczalne kompleksy monomerów fibryny, aktywność fibrynolityczna i produkty degradacji fibryny w hiperglikemii i hipoglikemii doświadczalnej.
Pol Arch Med Wewn 49:337-43, Oct 72 (Pol)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *FIBRIN, metabolism/ *FIBRINOLYSIS/ *HYPERGLYCEMIA, blood/ *HYPOGLYCEMIA, blood/ RABBITS

4033. **Kleniewski J:** A study of the relationship between the hemostasis and hypoglycemic action of intravenous insulin in rabbits.
Endocrinol Exp (Bratisl) 7:141-6, 1973
ANIMAL EXPERIMENTS/ FASTING/ FIBRINOLYSIS, drug effects/ *HEMOSTASIS/ *HYPOGLYCEMIA, chemically induced/ INJECTIONS, INTRAVENOUS/ *INSULIN/ INSULIN, pharmacodynamics/ MALE/ PLATELET ADHESIVENESS, drug effects/ RABBITS

4034. **Kleniewski J:** Badania związku czynnościowego między układem hemostazy osoczowej a insuliną.
Pol Tyg Lek 28:658-9, 30 May 73 (Pol)
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ DIAPHRAGM, enzymology/ FIBRINOLYSIS/ GLUCOSE, metabolism/ INSULIN, antagonists & inhibitors/ *INSULIN, blood/ PLASMINOGEN, metabolism/ PLASMINOGEN, pharmacodynamics/ RABBITS/ RATS

4035. **Klepping C, Carli H, Villand J, et al:** Fibrinolyse mortelle au décours d'une séance de concentration-réinjection d'ascite (C.R.A.
Nouv Presse Med 2:999, 14 Apr 73 (Fre)
AMINOCAPROIC ACID, therapeutic use/ *ASCITIC FLUID/ CASE REPORT/ FEMALE/ *FIBRINOLYSIS/ HEMORRHAGE, etiology/ HUMAN/ INJECTIONS, INTRAPERITONEAL/ *LIVER CIRRHOSIS, therapy/ MIDDLE AGE

4036. **Klessen C:** Die proteolytische Aktivität gebräuchlicher Diastasepräparate.
Histochemie 33:291-300, 1973 (Ger)
*AMYLASE, standards/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ HISTOCYTOCHEMISTRY/ METHODS/ PAPAIN/ PEPSIN/ PEPTIDE HYDROLASES/ SALIVARY GLANDS, cytology/ SNAILS, anatomy & histology

4037. **Kley E:** Das intraossäre Angiom des Schläfenbeines, eine seltene Erkrankung.
Z Laryngol Rhinol Otol 51:824-9, Dec 72 (Ger)
ADULT/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA/ HEMANGIOMA, diagnosis/ HEMANGIOMA, pathology/ HEMANGIOMA, radiography/ HEMANGIOMA, surgery/ *HEMANGIOMA, CAVERNOUS/ HUMAN/ MALE/ MASTOID, pathology/ PROGNOSIS/ *SKULL NEOPLASMS/ *TEMPORAL BONE

4038. **Kley W:** Die Schädelbasisfrakturen aus rhinologischer und otologischer Sicht.
Langenbecks Arch Chir 329:543-7, Dec 71 (Ger)
ANOSMIA, prevention & control/ CEREBROSPINAL OTORRHEA, etiology/ DURA MATER, injuries/ EAR DISEASES, prevention & control/ EAR, MIDDLE, injuries/ ENGLISH ABSTRACT/ EPISTAXIS, etiology/ FACIAL PARALYSIS, prevention & control/ HEMOPTYSIS, etiology/ HEMOSTASIS/ HUMAN/ *INTERPROFESSIONAL RELATIONS/ MAXILLOFACIAL INJURIES, surgery/ NOSE DISEASES, prevention & control/ OTORHINOLARYNGOLOGY/ SINUSITIS, prevention & control/ SKULL FRACTURES, complications/ *SKULL FRACTURES, surgery/ SURGERY, PLASTIC/ WOUNDS AND INJURIES, surgery

4039. **Klimenchenko GA:** Rezul'taty rentgenologicheskikh issledovanii pri gemofilicheskikh krovoizliianiiakh razlichnykh lokalizatsii.
Vestn Khir 108:101-4, Aug 72 (Rus)
ADOLESCENCE/ ADULT/ CHRISTMAS DISEASE, complications/ ENGLISH ABSTRACT/ HEMARTHROSIS, etiology/ *HEMARTHROSIS, radiography/ HEMOPHILIA, complications/ HUMAN/ MIDDLE AGE

4040. **Klimenchenko GA:** O rentgenoterapii gemofilicheskikh krovizliianii v sustavy i miagkie tkani.
Vestn Khir 108:131-3, Apr 72 (Rus)
ADULT/ ANKLE JOINT/ ELBOW JOINT/ ENGLISH ABSTRACT/ *HEMARTHROSIS, prevention & control/ HEMARTHROSIS, radiotherapy/ HEMOPHILIA, complications/ *HEMOPHILIA, radiotherapy/ HIP JOINT/ HUMAN/ KNEE JOINT/ SHOULDER JOINT/ WRIST JOINT

4041. **Klimov AN, Nikul'cheva NG:** Tipy giperlipoproteinemii, ikh sviaz' s aterosklerozom i lechenie.
Kardiologiia 12:133-49, Jun 72 (118 ref.) (Rus)
*ARTERIOSCLEROSIS, metabolism/ CHOLESTEROL, metabolism/ CHYLOMICRONS/ CLOFIBRATE, therapeutic use/ DENSITOMETRY/ DEXTROTHYROXINE, therapeutic use/ DIET THERAPY/ ESTROGENS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ *HYPERLIPEMIA, classification/ HYPERLIPEMIA, familial & genetic/ HYPERLIPEMIA, therapy/ *LIPOPROTEINS, blood/ MALE/ NICOTINIC ACID, therapeutic use/ REVIEW/ TRIGLYCERIDES, metabolism

4042. **Klimov IA, Sorokin AV:** Proteoliticheskaia, antitripsoliticheskaia aktivnost' i sostoianie belkov syvorotki krovi pri ozhogakh tiazheloĭ stepeni.
Lab Delo 4:226-7, 1973 (Rus)
BLOOD PROTEIN ELECTROPHORESIS/ *BLOOD PROTEINS/ *BURNS, blood/ BURNS, enzymology/ HUMAN/ *PEPTIDE HYDROLASES, blood/ *TRYPSIN INHIBITORS, blood

4043. **Kline KA:** On a liquid drop model of blood rheology.
Biorheology 9:287-99, Dec 72
*BLOOD, physiology/ BLOOD FLOW VELOCITY/ BLOOD VISCOSITY/ ERYTHROCYTES, physiology/ MATHEMATICS/ *MODELS, BIOLOGICAL/ RHEOLOGY

4044. **Kline KA, Allen SJ, Keshavarzi M:** Dissipative effects due to hydrodynamic interactions between red cells in a theory of pulse transmission and oscillatory flow in arteries. Biorheology 9:1-22, Mar 72
*ARTERIES/ *BLOOD CIRCULATION/ BLOOD FLOW VELOCITY/ BLOOD VISCOSITY/ ELASTICITY/ *ERYTHROCYTES, physiology/ MATHEMATICS/ MODELS, BIOLOGICAL/ PULSE/ *RHEOLOGY

4045. **Klinger HP:** Rapid processing of primary embryonic

tissues for chromosome banding pattern analysis.
Cytogenetics 11:424-35, 1972
CELLS, CULTURED/ *CHROMOSOMES/ CULTURE MEDIA/ EDTA/ *EMBRYO, cytology/ FEMALE/ *FETUS, cytology/ *GENETIC TECHNICS/ GENETIC TECHNICS, instrumentation/ HUMAN/ HUMIDITY/ LEUKOCYTES, cytology/ PREGNANCY/ STAINS AND STAINING/ TEMPERATURE/ TIME FACTORS/ TRYPSIN

4046. **Klocke RA**: Oxygen transport and 2,3-diphosphoglycerate (DPG).
Chest 62:Suppl:79S-85S, Nov 72
ACIDOSIS, metabolism/ ALKALOSIS, metabolism/ ANEMIA, metabolism/ ANOXEMIA, metabolism/ BLOOD PRESERVATION/ BRAIN, metabolism/ CARBON DIOXIDE, metabolism/ ERYTHROCYTES, metabolism/ *GLYCERIC ACIDS, blood/ HEART DEFECTS, CONGENITAL, metabolism/ HEMOGLOBIN, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYPERTHYROIDISM, metabolism/ KIDNEY, metabolism/ MYOCARDIUM, metabolism/ ORGANOPHOSPHORUS COMPOUNDS, blood/ *OXYGEN, blood/ OXYGEN CONSUMPTION/ VENOUS PRESSURE

4047. **Klöcking HP**: Antithrombotic effect of synthetic thrombin inhibitors.
Folia Haematol (Leipz) 98:483-7, 1972
AMIDINES/ ANIMAL EXPERIMENTS/ ANTITHROMBIN, chem synthesis/ ANTITHROMBIN, pharmacodynamics/ *ANTITHROMBIN, therapeutic use/ BLOOD PLATELETS, drug effects/ MICE/ PYRUVATES, pharmacodynamics/ *PYRUVATES, therapeutic use/ RABBITS/ RATS/ *THROMBOSIS, drug therapy

4048. **Klok PA**: Anticoagulant prevention of massive pulmonary embolism in surgical patients.
Scand J Thorac Cardiovasc Surg 7:45-8, 1973
*ACENOCOUMAROL, therapeutic use/ ADOLESCENCE/ ADULT/ AGED/ HUMAN/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ *PULMONARY EMBOLISM, prevention & control/ SURGERY, OPERATIVE

4049. **Klos I, Gottlob R, Denck H, et al**: Lysierbarkeit operativ gewonnener Thromben. Untersuchungen über Organisationsgrad und Streptokinase-Lysierbardiet in vitro verschieden alter arterieller und venöser Thromben.
Munch Med Wochenschr 114:1927-32, 3 Nov 72 (Ger)
BLOOD COAGULATION, drug effects/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HUMAN/ IN VITRO/ PHAGOCYTES/ REMISSION/ SODIUM CHLORIDE, pharmacodynamics/ STAINS AND STAINING/ STREPTOKINASE, pharmacodynamics/ STREPTOKINASE, therapeutic use/ *THROMBOEMBOLISM/ THROMBOEMBOLISM, drug therapy/ THROMBOEMBOLISM, pathology/ THROMBOEMBOLISM, physiopathology/ THROMBOEMBOLISM, surgery/ TIME FACTORS

4050. **Klubes P, Cerna I**: Actions of 2-methyl-1,4-naphthoquinone in Bacillus cereus.
Biochem Pharmacol 21:249-61, 15 Jan 72
ADENOSINE TRIPHOSPHATE, analysis/ *BACILLUS CEREUS, drug effects/ BACILLUS CEREUS, growth & development/ BACILLUS CEREUS, metabolism/ CARBON ISOTOPES/ CELL WALL, metabolism/ CENTRIFUGATION, DENSITY GRADIENT/ DNA, BACTERIAL, biosynthesis/ GLUTATHIONE, chem synthesis/ LUCIFERASE, diagnostic use/ MACROMOLECULAR SYSTEMS/ RNA, BACTERIAL, metabolism/ SUCROSE/ SULFHYDRYL COMPOUNDS, analysis/ *VITAMIN K, pharmacodynamics

4051. **Klug W**: Prophylaxe der postoperativen pankreatitis bei Revision des Ductus choledochus.
Zentralbl Chir 97:1854-8, 23 Dec 72 (Ger)
AGED/ *COMMON BILE DUCT, surgery/ COMMON BILE DUCT CALCULI, surgery/ FEMALE/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ *PANCREATITIS, etiology/ PANCREATITIS, prevention & control/ *POSTOPERATIVE COMPLICATIONS/ VATER'S AMPULLA, surgery

4052. **Kluge A**: Immun-A-B-Antikörper-Nachweis als pszielles Immunglobulin G mittels HITZE + Proteasen-Resistenz-Test.
Fortschr Med 89:1003-6, 16 Sep 71 (Ger)
*ABO FACTORS/ BLOOD GROUPS/ ENZYME TESTS/ ERYTHROBLASTOSIS, FETAL, blood/ FEMALE/ HEAT/ HUMAN/ *IGG, analysis/ IGM, analysis/ IMMUNOLOGIC TECHNICS/ *ISOANTIBODIES, analysis/ PEPTIDE HYDROLASES/ PREGNANCY

4053. **Kluge A, Weilguni E**: Transfusionskunde am Krankenbett. Schwest Rev 11:23-5, 15 Jul 73 (Ger)
BLOOD DONORS/ BLOOD GROUP INCOMPATIBILITY, prevention & control/ BLOOD PRESERVATION/ BLOOD TRANSFUSION/ SPECIAL LIST NURSING

4054. **Kluge TH, Ro JS, Fretheim B, et al**: Thrombosis prophylaxis with dextran and warfarin in vascular operations. Surg Gynecol Obstet 135:941-4, Dec 72
AORTA, ABDOMINAL, surgery/ DEXTRAN, administration & dosage/ *DEXTRAN, therapeutic use/ ENDARTERECTOMY/ FEMALE/ FEMORAL ARTERY, surgery/ FOLLOW-UP STUDIES/ HEMATOMA, etiology/ HEMORRHAGE, etiology/ HUMAN/ INTERMITTENT CLAUDICATION, surgery/ ISCHEMIA/ LEG, blood supply/ MALE/ POPLITEAL ARTERY, surgery/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, etiology/ SAPHENOUS VEIN, transplantation/ SURGICAL WOUND INFECTION, etiology/ THROMBOSIS, etiology/ *THROMBOSIS, prevention & control/ *VASCULAR SURGERY/ WARFARIN, administration & dosage/ *WARFARIN, therapeutic use

4055. **Klump H**: Untersuchungen zur Konformationsumwandlung von Chymotrypsinen.
Hoppe Seylers Z Physiol Chem 353:724-5, May 72 (Ger)
BINDING SITES/ *CHYMOTRYPSIN/ *CHYMOTRYPSINOGEN/ MOLECULAR WEIGHT/ *PROTEIN CONFORMATION

4056. **Klütsch K, Grosswendt J, Gattenlöhner W, et al**: Austauschtransfusion bei Coma Hepaticum mit dialysierten ACD-Blutkonserven.
Med Klin 66:380-3, 12 Mar 71 (Ger)
ADOLESCENCE/ ADULT/ ARM, blood supply/ ARTERIES/ BLOOD PRESERVATION/ CATHETERIZATION/ ENGLISH ABSTRACT/ *EXCHANGE TRANSFUSION/ EXTRACORPOREAL CIRCULATION/ FEMALE/ GERMANY, WEST/ *HEMODIALYSIS/ HEPATIC COMA, mortality/ *HEPATIC COMA, therapy/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MALE/ POTASSIUM, blood/ VEINS

4057. **Knapik Z**: Leczenie zachowawcze zapaleń trzustki.
Pol Arch Med Wewn 49:565-70, Dec 72 (Pol)
ACUTE DISEASE/ AMINO ACIDS, therapeutic use/ CALCIUM, therapeutic use/ CHRONIC DISEASE/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ PANCREATITIS, drug therapy/ *PANCREATITIS, therapy/ VITAMIN B 12, therapeutic use

4058. **Knights EB, Baylin SB, Foster GV**: Control of polypeptide hormones by enzymatic degradation.
Lancet 2:719-23, 29 Sep 73
CARBOXYPEPTIDASES, physiology/ CATHEPSIN, metabolism/ DEPRESSION, CHEMICAL/ ENDOCRINE DISEASES, etiology/ *ENZYMES, metabolism/ GLUCAGON, metabolism/ HORMONES, biosynthesis/ *HORMONES, metabolism/ INSULIN, metabolism/ LIVER, metabolism/ OXYTOCIN,

metabolism/ PANCREAS, metabolism/ PARATHYROID HORMONE, metabolism/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ *PEPTIDES, metabolism/ PROINSULIN, metabolism/ STIMULATION, CHEMICAL/ THYROCALCITONIN, metabolism/ TRYPSIN, physiology

4059. **Knights SF, Wadey CA:** The partial thromboplastin time test: distinction between inhibitor and clotting-factor deficiency.
Med Lab Technol 30:43-7, Jan 73
BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION TESTS/ CHRISTMAS DISEASE/ FACTOR VIII/ HEMOPHILIA/ HUMAN/ HYPOPROTHROMBINEMIAS/ METHODS/ *THROMBOPLASTIN/ TIME FACTORS

4060. **Knoche HW, Koths KE:** Characterization of a fatty acid synthetase from Corynebacterium diphtheriae.
J Biol Chem 248:3517-9, 25 May 73
AMMONIUM SULFATE/ BUFFERS/ CHROMATOGRAPHY, DEAE-CELLULOSE/ COENZYME A/ *CORYNEBACTERIUM DIPHTHERIAE, enzymology/ ENZYME ACTIVATION/ EVOLUTION/ *FATTY ACID SYNTHETASE COMPLEX, isolation & purification/ GEL FILTRATION/ HYDROXYAPATITE/ MALONATES/ MOLECULAR WEIGHT/ OSMOLAR CONCENTRATION/ PHOSPHATES/ PRESSURE/ PROTAMINES/ SULFURIC ACIDS/ ULTRACENTRIFUGATION

4061. **Knopf PM, Munro AJ, Lennox ES:** Synthesis of an immunoglobulin light chain: pulse-labeling studies.
Arch Biochem Biophys 157:285-302, Jul 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CYANOGEN BROMIDE/ ELECTROPHORESIS, PAPER/ IMMUNOGLOBULIN FRAGMENTS, analysis/ *IMMUNOGLOBULIN FRAGMENTS, biosynthesis/ IMMUNOGLOBULIN FRAGMENTS, isolation & purification/ ISOTOPE LABELING/ LEUCINE/ MICE/ MODELS, BIOLOGICAL/ MULTIPLE MYELOMA, metabolism/ NEOPLASM TRANSPLANTATION/ OXIDATION-REDUCTION/ PEPTIDE CHAIN ELONGATION/ PEPTIDES, analysis/ TEMPLATES/ TIME FACTORS/ TRITIUM/ TRYPSIN/ ULTRAFILTRATION

4062. **Knott PJ, Curzon G:** Free tryptophan in plasma and brain tryptophan metabolism.
Nature (Lond) 239:452-3, 20 Oct 72
ANIMAL EXPERIMENTS/ BRAIN, metabolism/ *BRAIN CHEMISTRY/ FATTY ACIDS, NONESTERIFIED, blood/ FOOD DEPRIVATION/ HEPARIN, pharmacodynamics/ HYDROXYINDOLEACETIC ACID, analysis/ IMMOBILIZATION/ MALE/ RATS/ SEROTONIN, analysis/ STRESS, PSYCHOLOGICAL/ TRYPTOPHAN, analysis/ TRYPTOPHAN, blood/ *TRYPTOPHAN, metabolism

4063. **Knowles PF:** The application of magnetic resonance methods to the study of enzyme structures and action.
Essays Biochem 8:79-106, 1972 (37 ref.)
BINDING SITES/ CARBONIC ANHYDRASE/ CHEMISTRY/ CHYMOTRYPSIN/ CYCLIC N-OXIDES/ DIPHENOL OXIDASES/ *ELECTRON SPIN RESONANCE/ ENZYME ACTIVATION/ *ENZYMES/ ENZYMES, antagonists & inhibitors/ ENZYMES, metabolism/ FOURIER ANALYSIS/ HEMEPROTEINS/ HEMOGLOBIN/ HUMAN/ MAGNETICS/ MATHEMATICS/ METALLOPROTEINS/ METALS/ MULTIENZYME COMPLEXES/ *NUCLEAR MAGNETIC RESONANCE/ PROTEIN BINDING/ PROTEIN CONFORMATION/ REVIEW/ ROTATION/ TIME FACTORS

4064. **Knox KW, Parker RB:** Isolation of a phenol-soluble endotoxin from Leptotrichia buccalis.
Arch Oral Biol 18:85-93, Jan 73
ANIMAL EXPERIMENTS/ *BACTERIA, analysis/ BACTEROIDES, analysis/ *ENDOTOXINS, isolation & purification/ ENDOTOXINS, pharmacodynamics/ FUSOBACTERIUM, analysis/ HEPTOSES, analysis/ HEXOSES, analysis/ LIPOPOLYSACCHARIDES, analysis/ MALE/ PHENOLS/ RABBITS/ SHWARTZMAN PHENOMENON/ SPECTRUM ANALYSIS

4065. **Knudsen FU:** LDH activity and isoenzymes in platelets: relation to thrombopoietic activity in man and rats.
Scand J Haematol 9:459-64, 1972
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ *BLOOD PLATELETS, enzymology/ BLOODLETTING/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FLUOROMETRY/ HUMAN/ *LACTATE DEHYDROGENASE, blood/ *LACTATE DEHYDROGENASE ISOENZYMES, blood/ MALE/ NEOPLASM METASTASIS/ RATS/ THROMBOCYTOSIS, metabolism/ THROMBOPOIETIN, metabolism

4066. **Kobayakawa T:** [Studies on anti-atherosclerotic agents. VII. Experimental studies of sodium chondroitin polysulfate on hypolipemic, anticoagulative, fibrinolytic and lipotropic activities]
J Pharm Soc Jap 92:919-26, Aug 72 (Jap)
ANIMAL EXPERIMENTS/ *ARTERIOSCLEROSIS, prevention & control/ *BLOOD COAGULATION, drug effects/ *CHONDROITIN, pharmacodynamics/ DEXTRAN, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIS, drug effects/ *LIPIDS, blood/ *LIPOTROPIC FACTORS, pharmacodynamics/ MALE/ MICE/ RATS/ SULFATES, pharmacodynamics/ TRIGLYCERIDES, blood

4067. **Kobayashi H, Kitamoto O, Yuri Y, et al:** [A case report--rifampicin induced thrombocytopenia]
Kekkaku 48:213-7, May 73 (Jap)
ENGLISH ABSTRACT/ FEMALE/ GINGIVAL DISEASES, chemically induced/ HEMORRHAGE, ORAL, chemically induced/ HUMAN/ MIDDLE AGE/ *RIFAMPIN, adverse effects/ *THROMBOPENIA, chemically induced

4068. **Kobayashi K, Hricko GM, Habal MB, et al:** Hyperacute rejection of renal allografts in the primate: protective effect of F(ab') 2 fragment of hyperimmune serum.
Transplantation 14:374-81, Sep 72
ANIMAL EXPERIMENTS/ *GRAFT REJECTION/ HEPARIN, pharmacodynamics/ HISTOCOMPATIBILITY ANTIGENS/ *IMMUNE SERUMS, pharmacodynamics/ IMMUNE TOLERANCE/ *IMMUNOGLOBULINS, FAB, analysis/ *KIDNEY, transplantation/ METHODS/ MONKEYS/ MONKEYS, immunology/ PERFUSION/ SKIN, transplantation/ TISSUE DONORS/ TRANSPLANTATION, HOMOLOGOUS/ VENOMS, pharmacodynamics

4069. **Kobayashi K, Vaerman JP, Heremans JF:** Studies on human secretory IgA. II. Comparative studies on a fragment of secretory component derived from secretory IgA and fragments obtained by enzymatic digestion of free secretory component.
Immunochemistry 10:73-80, Feb 73
ALKYLATION/ ANTIGENIC DETERMINANTS/ CATTLE/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHYMOTRYPSIN/ CROSS REACTIONS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HUMAN/ *IGA, analysis/ IMMUNOELECTROPHORESIS/ *IMMUNOGLOBULIN FRAGMENTS, analysis/ IMMUNOGLOBULIN FRAGMENTS, isolation & purification/ MERCAPTOETHANOL/ *MILK, HUMAN, immunology/ MOLECULAR WEIGHT/ NEURAMINIC ACIDS/ OXIDATION-REDUCTION/ PREGNANCY/ RABBITS, immunology/ SODIUM DODECYL SULFATE/ TRYPSIN

4070. **Kobayashi Y, Siegelman HW, Hirs CH:** C-phycocyanin

from Phormidium luridum. Isolation of subunits.
Arch Biochem Biophys 152:187-98, Sep 72
*ALGAE, BLUE-GREEN, analysis/ AMINO ACIDS, analysis/ AMMONIUM SULFATE/ BILE PIGMENTS, analysis/ BILE PIGMENTS, isolation & purification/ CALCIUM PHOSPHATES/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ HISTIDINE, analysis/ IMINES/ MACROMOLECULAR SYSTEMS/ MERCAPTOETHANOL/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ PEPTIDES, isolation & purification/ PLANT PROTEINS, analysis/ *PLANT PROTEINS, isolation & purification/ PRECIPITATION/ SODIUM DODECYL SULFATE/ SPECTROPHOTOMETRY/ TRYPSIN

4071. Kober R: Zur Qualität der häuslichen Therapie am Beispiel der Langzeittherapie mit herwirksamen Glykosiaen und Antikoagulantien.
Z Gesamte Inn Med 28:Suppl 9:141-3, 1 May 73 (Ger)
ANTICOAGULANTS, administration & dosage/ *ANTICOAGULANTS, therapeutic use/ ATTITUDE TO HEALTH/ CARDIAC GLYCOSIDES, administration & dosage/ *CARDIAC GLYCOSIDES, therapeutic use/ ENGLISH ABSTRACT/ GERMANY, EAST/ *HOME CARE SERVICES, standards/ HUMAN/ INFORMED CONSENT/ LONG TERM CARE/ QUALITY OF HEALTH CARE

4072. Kober R: Einige Gesichtspunkte zur patientenbetreuung bei der Therapie mit Antikoagulantien.
Dtsch Gesundheitsw 27:2284-5, 30 Nov 72 (Ger)
ADULT/ AGED/ AMBULATORY CARE/ *ANTICOAGULANTS, therapeutic use/ *BLOOD COAGULATION DISORDERS, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ GERMANY, EAST/ HUMAN/ LONG TERM CARE/ MALE/ MIDDLE AGE/ QUESTIONNAIRES

4073. Kobylka D, Carraway KL: Proteolytic digestion of proteins of the milk fat globule membrane.
Biochim Biophys Acta 307:133-40, 25 Apr 73
ADENOSINE TRIPHOSPHATASE, analysis/ CALCIUM/ CATTLE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ LIPIDS/ *LIPIDS, analysis/ MACROMOLECULAR SYSTEMS/ MAGNESIUM/ MEMBRANES, analysis/ *MILK, analysis/ MILK, enzymology/ MILK, metabolism/ *MILK PROTEINS, analysis/ NUCLEOTIDASES, analysis/ PERMEABILITY/ PRONASE/ SODIUM DODECYL SULFATE/ TRYPSIN/ TRYPSIN, pharmacodynamics/ XANTHINE OXIDASE, analysis

4074. Kocemba-Sliwowska U, Kawiak J: Liberation of cell surface material by the insoluble trypsin derivative.
Acta Biochim Pol 20:113-8, 1973
ANIMAL EXPERIMENTS/ *ANTIGENS, NEOPLASM/ CARCINOMA, EHRLICH TUMOR, enzymology/ CARCINOMA, EHRLICH TUMOR, immunology/ *CARCINOMA, EHRLICH TUMOR, metabolism/ CELL MEMBRANE, enzymology/ CELL MEMBRANE, immunology/ FUCOSE, isolation & purification/ HEXOSAMINES, isolation & purification/ HISTOCOMPATIBILITY ANTIGENS/ MALEATES/ MICE/ NEOPLASM TRANSPLANTATION/ NEURAMINIC ACIDS, isolation & purification/ POLYETHYLENES/ SOLUBILITY/ *TRYPSIN

4075. Koch H, Franke I, Kropp H, et al: Eine sogenannte Cumarinnekrose bei einem Kind.
Monatsschr Kinderheilkd 121:68-71, Feb 73 (Ger)
CHILD/ COUMARINS, administration & dosage/ *COUMARINS, adverse effects/ COUMARINS, therapeutic use/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN/ ILIAC VEIN/ MALE/ NECROSIS, chemically induced/ NECROSIS, complications/ NECROSIS, drug therapy/ OBESITY, complications/ PROGNOSIS/ *SKIN DISEASES, chemically induced/ SKIN DISEASES, complications/ SKIN DISEASES, drug therapy/ STREPTOKINASE, therapeutic use/ THROMBOSIS, drug therapy/ VITAMIN K, therapeutic use

4076. Koch HH, Keller O: Unsere Erfahrungen mit den prophylaktischen Mabbnahmen zur Verhinderung des Sanarelli-Shwartzman-Phänomens (SSP) beim infizierten Abort.
Geburtshilfe Frauenheilkd 33:460-3, Jun 73 (Ger)
*ABORTION, SEPTIC, complications/ ABORTION, SEPTIC, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, prevention & control/ ENGLISH ABSTRACT/ FEMALE/ FEVER/ *HEPARIN, therapeutic use/ HUMAN/ PREGNANCY/ SHWARTZMAN PHENOMENON, complications/ *SHWARTZMAN PHENOMENON, prevention & control

4077. Kochman S, Martin JC, Bureau G, et al: Pulmonary reactions to Micropolyspora faeni in sensitized rabbits. Clin Allergy 2:307-15, Dec 72
AEROSOLS/ *ALLERGENS/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS/ GEL DIFFUSION TESTS/ HEPARIN, pharmacodynamics/ IMMUNE SERUMS, pharmacodynamics/ IMMUNIZATION/ LUNG, immunology/ *LUNG DISEASES, immunology/ MICROSCOPY, ELECTRON/ *MICROSPORUM, immunology/ RABBITS/ SHEEP, immunology

4078. Kociba GJ, Griesemer RA: Disseminated intravascular coagulation induced with leukocyte procoagulant.
Am J Pathol 69:407-20, Dec 72
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION FACTORS/ BLOOD COAGULATION FACTORS, administration & dosage/ BLOOD COAGULATION FACTORS, secretion/ *DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ INJECTIONS, INTRA-ARTERIAL/ INJECTIONS, INTRAVENOUS/ KIDNEY CORTEX NECROSIS, chemically induced/ KIDNEY CORTEX NECROSIS, pathology/ *LEUKOCYTES, secretion/ PULMONARY ARTERY, pathology/ RABBITS/ RENAL ARTERY, pathology/ SHWARTZMAN PHENOMENON, etiology

4079. Kocka FE, Magoc T, Searcy RL: Evaluation of rapid tests for staphylococci characterization.
Am J Med Technol 39:269-71, Jul 73
ACID PHOSPHATASE, analysis/ *BACTERIOLOGICAL TECHNICS/ COAGULASE, analysis/ COMPARATIVE STUDY/ DEOXYRIBONUCLEASE, analysis/ EVALUATION STUDIES/ FERMENTATION/ HEMOLYSIS/ INDOLES/ MANNITOL/ MICROBIAL SENSITIVITY TESTS/ NITROPHENOLS/ ORGANOPHOSPHORUS COMPOUNDS/ PENICILLIN/ PENICILLINASE, analysis/ PHENOLS/ PIGMENTS, biosynthesis/ RABBITS/ SHEEP/ SPECTRUM ANALYSIS/ *STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, isolation & purification

4080. Koćmierska-Grodzka D: Badania nad aktywnością enzymów hydro- i proteolitycznych tkanek w chorobie popromiennej. Pol Tyg Lek 28:996-7, 25 Jun 73 (Pol)
ANIMAL EXPERIMENTS/ BRAIN, enzymology/ *HYDROLASES, metabolism/ INTESTINE, SMALL, enzymology/ LIVER, enzymology/ LUNG, enzymology/ *PEPTIDE HYDROLASES, metabolism/ RADIATION DOSAGE/ *RADIATION INJURIES, enzymology/ RATS/ TIME FACTORS

4081. Koćmierska-Grodzka D: Studies on kinin-forming activity in post-radiation sickness. I. Blood and tissues enzymatic activity.
Radiobiol Radiother (Berl) 13:443-52, 1972
ANIMAL EXPERIMENTS/ BLOOD COAGULATION FACTORS/ CHYMOTRYPSIN, blood/ KALLIKREIN, blood/ *KININS, biosynthesis/ KININS, blood/ MALE/ RADIATION INJURIES, EXPERIMENTAL, blood/ *RADIATION INJURIES,

EXPERIMENTAL, enzymology/ RATS/ RATS, INBRED STRAINS

4082. **Kocot E, Wolański A, Machalski M, et al:** Test z siarczanem protaminy w przebiegu leczenia fibrynolitycznego zawału mięśnia sercowego.
Pol Arch Med Wewn 50:285-8, Mar 73 (Pol)
ADULT/ *BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ MALE/ METHODS/ *MYOCARDIAL INFARCT, drug therapy/ *PROTAMINES, diagnostic use/ SULFATES, diagnostic use

4083. **Kocsis JJ, Hernandovich J, Silver MJ, et al:** Duration of inhibition of platelet prostaglandin formation and aggregation by ingested aspirin or indomethacin.
Prostaglandins 3:141-4, Feb 73
ADULT/ *ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ DEPRESSION, CHEMICAL/ EPINEPHRINE, antagonists & inhibitors/ HUMAN/ *INDOMETHACIN, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ *PROSTAGLANDINS, biosynthesis/ PROSTAGLANDINS, blood/ TIME FACTORS

4084. **Kodama M, Yajima H, Kubo Y, et al:** Studies on endotoxin-like substances in Yoshida sarcoma cells.
Jap J Med Sci Biol 26:3-6, Feb 73
ANIMAL EXPERIMENTS/ ANTIBODIES/ ANTIGENS, NEOPLASM, analysis/ *ENDOTOXINS, isolation & purification/ ESCHERICHIA COLI/ FLUORESCENT ANTIBODY TECHNIC/ PHENOLS/ RABBITS, immunology/ RATS/ *SARCOMA, YOSHIDA, metabolism/ SHWARTZMAN PHENOMENON/ TRICARBOXYLIC ACIDS

4085. **Kodicek E:** Recommended intakes of vitamins for normal growth and development.
Bibl Nutr Dieta 18:45-64, 1973 (46 ref.)
ADOLESCENCE/ ADULT/ AGE FACTORS/ ASCORBIC ACID/ BODY WEIGHT/ CHILD/ *CHILD NUTRITION/ CHILD, PRESCHOOL/ EXERTION/ FEMALE/ GROWTH/ HUMAN/ INFANT/ INFANT, NEWBORN/ *INFANT NUTRITION/ MALE/ NUTRITIONAL REQUIREMENTS/ PREGNANCY/ REVIEW/ SEX FACTORS/ VITAMIN A/ VITAMIN B COMPLEX/ VITAMIN D/ VITAMIN E/ VITAMIN K/ *VITAMINS

4086. **Koeda T, Shibata U, Asaoka H, et al:** [Pharmacological studies of 3',4'-dideoxykanamycin B]
Jap J Antibiot 26:28-39, Feb 73 (Jap)
AGGRESSION, drug effects/ ANESTHETICS/ ANIMAL EXPERIMENTS/ ANTICONVULSANTS/ BLOOD CIRCULATION, drug effects/ BLOOD COAGULATION, drug effects/ BLOOD PRESSURE, drug effects/ BODY TEMPERATURE, drug effects/ CAPILLARY PERMEABILITY, drug effects/ CARDIOVASCULAR SYSTEM, drug effects/ CENTRAL NERVOUS SYSTEM, drug effects/ DRUG SYNERGISM/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ ERYTHROCYTES, drug effects/ FEMALE/ GUINEA PIGS/ HEMODYNAMICS, drug effects/ IN VITRO/ *KANAMYCIN, pharmacodynamics/ MALE/ MICE/ MUSCLE, SMOOTH, drug effects/ NEUROMUSCULAR JUNCTION, drug effects/ RABBITS/ RATS/ REFLEX, drug effects/ RESPIRATION, drug effects/ TREMORINE, antagonists & inhibitors

4087. **Koehler PR, Talner LB, Friedenberg MJ, et al:** Association of subcapsular hematomas with the nonfunctioning kidney. Radiology 106:537-42, Mar 73
ANGIOGRAPHY/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HEMATOMA, radiography/ HUMAN/ *KIDNEY DISEASES, radiography/ KIDNEY NEOPLASMS, radiography/ MIDDLE AGE/ *RENAL ARTERY, radiography/ UROGRAPHY

4088. **Koehnlein HE:** Effects of various hemostyptic drugs in rats. Plast Reconstr Surg 50:462-6, Nov 72
AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ CARBON TETRACHLORIDE POISONING, drug therapy/ CELLULOSE, pharmacodynamics/ COLLAGEN, pharmacodynamics/ *HEMORRHAGE, prevention & control/ HEMORRHAGE, GASTROINTESTINAL, drug therapy/ HEMORRHAGE, GASTROINTESTINAL, prevention & control/ *HEMOSTATICS, pharmacodynamics/ INJECTIONS, INTRAVENOUS/ LIVER, injuries/ POWDERS/ RATS/ TISSUE EXTRACTS, pharmacodynamics/ VITAMIN K, pharmacodynamics

4089. **Kofoed JA, Tocci AA:** The acidic glycosaminoglycans of gingiva of diabetic rats. J Periodont Res 8:323-6, 1973
*ALLOXAN DIABETES/ ANIMAL EXPERIMENTS/ CHONDROITIN, analysis/ *GINGIVA, analysis/ HEPARIN, analysis/ HYALURONIDASE, analysis/ *MUCOPOLYSACCHARIDES, analysis/ RATS

4090. **Koga A, Nakamura T, Yamada A, et al:** [Case of mediastinal hemangiofibroma]
Jap J Thorac Surg 26:331-4, May 73 (Jap)
ADULT/ *ANGIOMA, SCLEROSING, surgery/ FEMALE/ HUMAN/ *MEDIASTINAL NEOPLASMS, surgery

4091. **Kohler PF:** Clinical immune complex disease. Manifestations in systemic lupus erythematosus and hepatitis B virus infection.
Medicine (Baltimore) 52:419-29, Sep 73
ADULT/ ANTIBODY FORMATION/ ANTIGEN-ANTIBODY COMPLEX/ ARTHUS PHENOMENON, immunology/ BLOOD PLATELETS, immunology/ CAPILLARY PERMEABILITY/ COMPLEMENT/ FEMALE/ GLOMERULONEPHRITIS, immunology/ *HEPATITIS, HOMOLOGOUS SERUM, immunology/ HISTAMINE LIBERATION/ HUMAN/ IMMUNE COMPLEX DISEASE/ *IMMUNOLOGIC DISEASES/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ MALE/ PREGNANCY/ SERUM SICKNESS, immunology

4092. **Köhler W, Prokop O, Kühnemund O:** Routine identification of group-C streptococci by means of an agglutinin (protectin) from the albumen gland of the edible snail, Helix pomatia.
J Med Microbiol 6:127-30, Feb 73
AGGLUTINATION TESTS/ *AGGLUTININS/ FORMAMIDE/ GEL DIFFUSION TESTS/ PRECIPITIN TESTS/ *SNAILS, immunology/ *STREPTOCOCCUS, immunology/ TRYPSIN

4093. **Kohn NN:** Toxic thrombocytopenic purpura following use of a nonprescription medication.
J Med Soc NJ 69:1035-6, Dec 72
AGED/ *ANTIHISTAMINICS, adverse effects/ DRUG COMBINATIONS/ FEMALE/ HUMAN/ *PURPURA, THROMBOTIC THROMBOPENIC, chemically induced/ *SALICYLAMIDES, adverse effects

4094. **Köhnlein HE, Mergard U:** Experimentelle Testung likaler Hämostyptica. Chirurg 43:378-81, Aug 72 (Ger)
ANIMAL EXPERIMENTS/ COLLAGEN, standards/ HEMOSTATICS, administration & dosage/ *HEMOSTATICS, standards/ HEMOSTATICS, therapeutic use/ INJECTIONS, INTRAVENOUS/ RATS/ THROMBIN, standards/ THROMBOPLASTIN, standards

4095. **Kolde T, Ikenaka T:** Studies on soybean trypsin inhibitors. 3. Amino-acid sequences of the carboxyl-terminal region and the complete amino-acid sequence of soybean trypsin inhibitor (Kunitz). Eur J Biochem 32:417-31, 1 Feb 73
AMINO ACID SEQUENCE/ CARBOXYPEPTIDASES/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ PEPTIDES/ PEPTIDES, analysis/ SOY BEANS/

THERMOLYSIN/ TRYPSIN/ *TRYPSIN INHIBITORS

4096. **Koide T, Ikenaka T:** Studies on soybean trypsin inhibitors. 1. Fragmentation of soybean trypsin inhibitor (Kunitz) by limited proteolysis and by chemical cleavage. Eur J Biochem 32:401-7, 1 Feb 73
ALKYLATION/ AMINO ACIDS, analysis/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CYANOGEN BROMIDE/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ SOY BEANS/ SULFIDES/ TRYPSIN/ *TRYPSIN INHIBITORS

4097. **Koide T, Tsunasawa S, Ikenaka T:** Studies on soybean trypsin inhibitors. 2. Amino-acid sequence around the reactive site of soybean trypsin inhibitor (Kunitz). Eur J Biochem 32:408-16, 1 Feb 73
AMINO ACID SEQUENCE/ BINDING SITES/ CARBOXYPEPTIDASES/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ HYDROLYSIS/ PEPTIDES, analysis/ SOY BEANS/ TRYPSIN/ *TRYPSIN INHIBITORS

4098. **Koigushskaia GP, Byshevskiĭ ASh:** Soderzhanie fibrinogena v plazme pri dlitel'nom vvedenii razlichnykh doz gidrokortizona.
Vrach Delo 4:105-7, Apr 73 (Rus)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *FIBRINOGEN, biosynthesis/ HYDROCORTISONE, administration & dosage/ *HYDROCORTISONE, pharmacodynamics/ RATS

4099. **Koj A:** Alfa-1-antytrypsyna surowicy krwi: wlasnosci biochemiczne, wrodzone niedobory i funkcje biologiczne. Przegl Lek 29:699-705, 1972 (76 ref.) (Pol)
BLOOD PROTEIN ELECTROPHORESIS/ CHRONIC DISEASE/ FIBRIN, metabolism/ HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ LEUKOCYTES, enzymology/ LYSOSOMES, enzymology/ *METABOLISM, INBORN ERRORS/ METHODS/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PROTEIN DEFICIENCY, enzymology/ PULMONARY EMPHYSEMA, enzymology/ REVIEW/ TRYPSIN, pharmacodynamics/ *TRYPSIN INHIBITORS, blood/ TRYPSIN INHIBITORS, isolation & purification

4100. **Kojima E, Nakamura W:** Modification of radiation lethality in mice by antithrombocyte serum injection. J Radiat Res (Tokyo) 13:167-76, Sep 72
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ *BLOOD PLATELETS, immunology/ MALE/ MICE/ *RADIATION INJURIES, EXPERIMENTAL, prevention & control/ *SEROTHERAPY

4101. **Kolaczkowska MK:** Properties of interferon from mouse brains.
Arch Immunol Ther Exp (Warsz) 21:453-9, 1973
ANIMAL EXPERIMENTS/ BRAIN, enzymology/ *BRAIN, immunology/ CHROMATOGRAPHY, THIN LAYER/ CHYMOTRYPSIN, metabolism/ ELECTROPHORESIS, PAPER/ HYDROGEN-ION CONCENTRATION/ *INTERFERON, metabolism/ *MICE, immunology/ MOLECULAR WEIGHT/ NEWCASTLE DISEASE VIRUS, immunology/ SPECTROPHOTOMETRY/ TRYPSIN, metabolism

4102. **Kolář L, Wieberdink J, Reneman RS:** Anticoagulation in microvascular surgery. Eur Surg Res 5:52-7, 1973
ACENOCOUMAROL, therapeutic use/ ANIMAL EXPERIMENTS/ ANTICOAGULANTS, blood/ *ANTICOAGULANTS, therapeutic use/ FEMORAL ARTERY, surgery/ *MICROSURGERY/ POSTOPERATIVE COMPLICATIONS, prevention & control/ RABBITS/ SUTURE TECHNICS/ THROMBOSIS, prevention & control/ VASCULAR RESISTANCE/ *VASCULAR SURGERY

4103. **Kolarz G, Pietschmann H:** Die Bestimmung einer neutralen Peptidase im Leukozytenhomogenat mit dem Substrat Carboxypropionyl-Phenylalanin-p-Nitranilid.
Wien Med Wochenschr 123:62-5, 3 Feb 73 (Ger)
ADOLESCENCE/ ADULT/ AGED/ *ANILIDES/ CHYMOTRYPSIN, blood/ DIAGNOSIS, DIFFERENTIAL/ *ENZYME TESTS/ *HEMATOLOGIC DISEASES, diagnosis/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INDICATORS AND REAGENTS/ LEUKOCYTE COUNT/ *LEUKOCYTES, enzymology/ METHODS/ MIDDLE AGE/ NITRO COMPOUNDS/ *PEPTIDE HYDROLASES, blood/ PHENYLALANINE

4104. **Kolber-Postępska B:** Rola kinin osocza w czynności niektórych narządów oraz udział w patogenezie rożnorodnych stanów chorobowych.
Pol Tyg Lek 28:621-4, 28 May 73 (19 ref.) (Pol)
ARTHRITIS, RHEUMATOID, metabolism/ ASTHMA, blood/ BLOOD COAGULATION, drug effects/ BLOOD VESSELS, drug effects/ BRADYKININ, pharmacodynamics/ CENTRAL NERVOUS SYSTEM, drug effects/ CEREBROVASCULAR CIRCULATION, drug effects/ FACTOR XII/ HUMAN/ KININOGENS, metabolism/ *KININS, blood/ KININS, physiology/ LIVER, metabolism/ LIVER DISEASES, metabolism/ PERIPHERAL NERVES, drug effects/ RESPIRATION, drug effects/ REVIEW/ SUBARACHNOID HEMORRHAGE

4105. **Kolchinskaia ID, Kvasnikov EI, Sumnevich MG, et al:** Biosyntez proteolitychnykh germentiv bakteriiamy na seredocyshchakh vuhlevodniamy.
Mikrobiol Zh 33:147-54, 1972 (Ukr)
ALKANES, metabolism/ ALKENES, metabolism/ *BACILLUS, enzymology/ CASEIN, metabolism/ CULTURE MEDIA/ ENGLISH ABSTRACT/ *HYDROCARBONS, metabolism/ HYDROLYSIS/ PARAFFIN, metabolism/ *PEPTIDE HYDROLASES, biosynthesis/ *PSEUDOMONAS, enzymology

4106. **Kolebinov NKh, Ankov VK:** Plazmen kortizol i dnevni variatsii na kortizola pri zdravi litsa.
Vutr Boles 12:74-8, 1973 (Bul)
ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ *CIRCADIAN RHYTHM/ ENGLISH ABSTRACT/ FEMALE/ FLUORESCENCE SPECTROMETRY/ HEPARIN/ HUMAN/ *HYDROCORTISONE, blood/ INFANT/ MALE/ MIDDLE AGE

4107. **Kollutskaia OD, Bitsunov NS, Murdasova IV:** Izmeneniia v svertyvaiushchei sisteme krovi pri operatsiiakh pod neiroleptanal'geziei.
Khirurgiia (Mosk) 48:60-3, Aug 72 (Rus)
ADULT/ BLOOD COAGULATION DISORDERS, chemically induced/ *BLOOD COAGULATION DISORDERS, etiology/ ENGLISH ABSTRACT/ FEMALE/ *FENTANYL, adverse effects/ HUMAN/ MALE/ MIDDLE AGE/ *NEUROLEPTOANALGESIA, adverse effects/ *SURGERY, OPERATIVE, adverse effects

4108. **Koller F:** Theory and experience behind the use of coagulation tests in diagnosis and prognosis of liver disease. Scand J Gastroenterol [Suppl] 19:51-61, 1973
ADULT/ ALANINE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ BLOOD COAGULATION FACTORS/ *BLOOD COAGULATION TESTS/ BLOOD PROTEINS, analysis/ CLOT RETRACTION/ FACTOR V/ FACTOR VII/ HEPATIC COMA, diagnosis/ HUMAN/ *LIVER DISEASES, diagnosis/ LIVER DISEASES, enzymology/ MALE/ MIDDLE AGE/ PROTHROMBIN/ PROTHROMBIN TIME/ RETICULOENDOTHELIAL SYSTEM/ SERUM ALBUMIN, analysis

4109. **Koller F, Widmer LK, Madar G:** Die Venenthrombose und ihre Behandlung.
Z Allgemeinmed 49:16-9, 10 Jan 73 (Ger)
ACUTE DISEASE/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ PHLEBOGRAPHY/

*THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, radiography

4110. **Kolodie L, Denis B, Rossignol AM, et al:** Syndrome de défibrination, complication d'un anévrisme athéromateux de l'aorte thoracique. Etude clinique, biologique et anatomique.
Lyon Med 227:1075-80, 11 Jun 72 (Fre)
AGED/ *AORTA, THORACIC/ AORTA, THORACIC, pathology/ *AORTIC ANEURYSM, complications/ AORTIC ANEURYSM, pathology/ *ARTERIOSCLEROSIS, complications/ AUTOPSY/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS/ HEMOSTASIS/ HUMAN/ SYNDROME

4111. **Kolodie L, Leger J, Hollard D:** Etude du taux du cofacteur de l'héparine au stade initial des leucoses aigues. Abaissement de ce cofacteur sous asparaginase.
Lyon Med 228:685-90, 10 Dec 72 (Fre)
ACUTE DISEASE/ ASPARAGINASE, therapeutic use/ BLOOD COAGULATION FACTORS, analysis/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ *HEPARIN, blood/ HEPARIN CO-FACTOR, blood/ HUMAN/ *LEUKEMIA, blood/ LEUKEMIA, drug therapy/ METHODS

4112. **Kol'tsova SV, Glikina MV, Illarionova NG, et al:** The formation of water-soluble trypsin--polymethacrylic acid complexes. Mol Biol 5:177-82, Mar-Apr 71
*ACRYLATES/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ METHODS/ OSMOLAR CONCENTRATION/ POLYMERS/ *PROTEIN BINDING/ PROTEIN CONFORMATION/ SOLUBILITY/ TEMPERATURE/ TIME FACTORS/ *TRYPSIN/ WATER

4113. **Komatsu F:** [Effect of plasmin on chick embryo fibroblasts in culture]
J Jap Soc Intern Med 62:735-46, Jul 73 (Jap)
CELLS, CULTURED/ CHICK EMBRYO/ *FIBRINOLYSIN, pharmacodynamics/ *FIBROBLASTS, drug effects

4114. **Komatsu K, Hayakawa D, Suzuki K, et al:** Effect of combined administration of EACA and heparin on thrombus weight and fibrinolysis. An experimental study. Bull Tokyo Med Dent Univ 20:93-104, Mar 73
ADMINISTRATION, ORAL/ AMINOCAPROIC ACID, administration & dosage/ *AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ANTICOAGULANTS/ *ANTIFIBRINOLYTIC AGENTS/ AORTA/ DRUG SYNERGISM/ FIBRINOGEN, analysis/ *FIBRINOLYSIS, drug effects/ HEPARIN, administration & dosage/ *HEPARIN, pharmacodynamics/ INJECTIONS, SUBCUTANEOUS/ LIGATION/ MALE/ PROTHROMBIN TIME/ RATS/ *THROMBOSIS

4115. **Kominami E, Kobayashi K, Kominami S, et al:** Properties of a specific protease for pyridoxal enzymes and its biological role.
J Biol Chem 247:6848-55, 10 Nov 72
*AMINOTRANSFERASES/ ANIMAL EXPERIMENTS/ APOPROTEINS/ ASPARTATE AMINOTRANSFERASE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS, DISK/ HOMOSERINE/ HYDRO-LYASES/ *INTESTINE, SMALL, enzymology/ MALE/ MOLECULAR WEIGHT/ *MUSCLES, enzymology/ ORGANOPHOSPHORUS COMPOUNDS/ ORNITHINE/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, isolation & purification/ *PICOLINE/ PYRIDOXAL/ PYRIDOXAL PHOSPHATE/ PYRIDOXAMINE/ *PYRIDOXINE/ RATS/ SERINE DEHYDRATASE/ TYROSINE AMINOTRANSFERASE/ ULTRACENTRIFUGATION/ VITAMIN B DEFICIENCY, enzymology

4116. **Komiya M, Kata H, Suzuki T:** Homology between bovine high molecular weight and low molecular weight kininogens.
Biochem Biophys Res Commun 49:1438-43, 18 Dec 72
ALKYLATION/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CATTLE/ CHROMATOGRAPHY, PAPER/ CYANOGEN BROMIDE/ DANSYL COMPOUNDS/ ELECTROPHORESIS, PAPER/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HYDROLYSIS/ KALLIDIN, isolation & purification/ KININOGENS/ KININOGENS, analysis/ *KININS/ KININS, isolation & purification/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ PANCREAS, enzymology/ PEPTIDE HYDROLASES/ PEPTIDES, analysis/ *PROTEIN PRECURSORS/ SNAKES/ THIOCYANATES/ TOSYL COMPOUNDS/ TRYPSIN/ VENOMS

4117. **Komiya M, Nagasawa S, Suzuki T:** Bovine prekallikrein activator with functional activity as Hageman factor.
J Biochem (Tokyo) 72:1205-18, Nov 72
BLOOD COAGULATION, drug effects/ CATTLE/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ *ENZYME PRECURSORS/ ESTERASES, isolation & purification/ ESTERS/ FACTOR XII, antagonists & inhibitors/ *FACTOR XII, isolation & purification/ FACTOR XII, pharmacodynamics/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ *KALLIKREIN/ MOLECULAR WEIGHT/ SERUM GLOBULINS, analysis/ TRYPSIN INHIBITORS

4118. **Konaga E:** Action mechanism in vitro of sensitized regional lymph node cells on target cell. II. Difference in the biological effect of regional lymph node cells of Ehrlich cancer transplanted mouse and that of normal lymph node cells induced by PHA, on Ehrlich cancer cell line (JTC-11 cell).
Acta Med Okayama 26:99-117, Aug 72
ANIMAL EXPERIMENTS/ ANTIGENS, NEOPLASM/ *CARCINOMA, EHRLICH TUMOR, immunology/ CARCINOMA, EHRLICH TUMOR, pathology/ CELL LINE/ CELL NUCLEUS/ FEMALE/ HYDROCORTISONE, pharmacodynamics/ LYMPH NODES, immunology/ LYMPHOCYTES, drug effects/ *LYMPHOCYTES, immunology/ MICE/ MICE, INBRED C57BL/ MICROSCOPY, PHASE CONTRAST/ NEOPLASM TRANSPLANTATION/ *PLANT AGGLUTININS, pharmacodynamics/ TRANSPLANTATION, HOMOLOGOUS/ TRYPSIN, pharmacodynamics

4119. **Kondo H, Hoshida M, Kawamura A:** [Renal cortical necrosis in a pregnant patient with acute promyelocytic leukemia]
Jap J Clin Hematol 13:844-9, Oct 72 (Jap)
ADULT/ AFIBRINOGENEMIA, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *KIDNEY CORTEX NECROSIS, complications/ KIDNEY CORTEX NECROSIS, pathology/ *LEUKEMIA, MYELOBLASTIC, complications/ LEUKEMIA, MYELOBLASTIC, pathology/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, complications

4120. **Kondo S:** Experimental studies on the chemotherapy of open fractures. 4. Experimental studies on the distribution of the aminoglycosidic antibiotic concentrations in the bone marrow and fracture hematomas. Bull Osaka Med Sch 18:74-97, Jun 72
ANIMAL EXPERIMENTS/ *ANTIBIOTICS, metabolism/ ANTIBIOTICS, therapeutic use/ *BONE MARROW, metabolism/ DIHYDROSTREPTOMYCIN, metabolism/ FRACTURES, drug therapy/ *FRACTURES, metabolism/ *HEMATOMA, metabolism/ KANAMYCIN, metabolism/ MALE/ RABBITS

4121. **Kondo S:** Experimental studies on the chemotherapy of open fractures. 5. Clinical studies on the distribution of aminoglycosidic antibiotic concentrations in bone marrow and in fracture hematomas.
Bull Osaka Med Sch 18:98-114, Jun 72

ADULT/ *ANTIBIOTICS, metabolism/ ANTIBIOTICS, therapeutic use/ *BONE MARROW, metabolism/ DIHYDROSTREPTOMYCIN, metabolism/ FEMALE/ FRACTURES, drug therapy/ *FRACTURES, metabolism/ *HEMATOMA, metabolism/ HUMAN/ KANAMYCIN, metabolism/ MALE/ MIDDLE AGE

4122. **Kondo S, Marumo M, Takeda K, et al:** Experimental studies on the chemotherapy of open fractures. 8. Clinical studies on the concentrations of erythromycin, chloramphenicol, oxy-tetracycline, and lincomycin locally administered into human bone marrow hematomas.
Bull Osaka Med Sch 18:203-7, Dec 72
ADULT/ ANTIBIOTICS, administration & dosage/ *BONE MARROW, metabolism/ *CHLORAMPHENICOL, metabolism/ *ERYTHROMYCIN, metabolism/ FEMALE/ *HEMATOMA, metabolism/ HUMAN/ *LINCOMYCIN, metabolism/ MALE/ MIDDLE AGE/ *OXYTETRACYCLINE, metabolism

4123. **Kondo S, Marumo M, Takeda K, et al:** Experimental studies on the chemotherapy of open fractures. 6. Experimental studies on the distribution of erythromycin, chloramphenicol, oxy-tetracyline, and lincomycin concentrations into bone marrow and fracture hematoma.
Bull Osaka Med Sch 18:159-89, Dec 72
ANIMAL EXPERIMENTS/ *BONE MARROW, metabolism/ *CHLORAMPHENICOL, metabolism/ *ERYTHROMYCIN, metabolism/ FRACTURES, complications/ *FRACTURES, metabolism/ HEMATOMA, etiology/ *HEMATOMA, metabolism/ *LINCOMYCIN, metabolism/ MALE/ *OXYTETRACYCLINE, metabolism/ RABBITS

4124. **Kondo Y, Shigematsu H, Kobayashi Y:** Cellular aspects of rabbit Masugi nephritis. II. Progressive glomerular injuries with crescent formation.
Lab Invest 27:620-31, Dec 72
ANIMAL EXPERIMENTS/ ANTIBODIES/ BASEMENT MEMBRANE, immunology/ BIOPSY/ CELL NUCLEUS/ CYTOPLASMIC GRANULES/ DUCKS, immunology/ ENDOTHELIUM/ EPITHELIAL CELLS/ FIBRIN, metabolism/ FLUORESCENT ANTIBODY TECHNIC/ GAMMA GLOBULIN/ *GLOMERULONEPHRITIS, immunology/ GLOMERULONEPHRITIS, pathology/ GOATS, immunology/ IGG/ *IMMUNE SERUMS/ *KIDNEY GLOMERULUS, pathology/ LEUKOCYTES, immunology/ MICROSCOPY, ELECTRON/ MONOCYTES/ RABBITS

4125. **Kondo Y, Turner MD, Lockard VG, et al:** Scanning electron microscopy of canine lung transplants.
J Thorac Cardiovasc Surg 65:940-50, Jun 73
ANIMAL EXPERIMENTS/ BIOPSY/ BRONCHI, cytology/ CILIA/ DOGS/ EPITHELIAL CELLS, cytology/ EXUDATES AND TRANSUDATES/ FIBRIN/ *GRAFT REJECTION/ HEMORRHAGE, etiology/ LUNG, cytology/ LUNG, pathology/ *LUNG, transplantation/ METHODS/ MICROSCOPY, ELECTRON/ *MICROSCOPY, ELECTRON, SCANNING/ NECROSIS/ PULMONARY ALVEOLI, cytology/ PULMONARY EDEMA, etiology/ REIMPLANTATION/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS

4126. **Kondorosi A, Sváb Z, Solymosy F, et al:** Effect of diethyl pyrocarbonate on the biological acitivity of deoxyribonucleic acids isolated from bacteriophages.
J Gen Virol 16:373-80, Sep 72
BACILLUS SUBTILIS/ BACTERIOPHAGE, analysis/ BACTERIOPHAGE, drug effects/ BACTERIOPHAGE, growth & development/ BACTERIOPHAGE, pathogenicity/ *CARBONATES, pharmacodynamics/ CHLORATES, pharmacodynamics/ COLIPHAGES, analysis/ *COLIPHAGES, drug effects/ COLIPHAGES, growth & development/ COLIPHAGES, pathogenicity/ DEOXYRIBONUCLEASE, pharmacodynamics/ DNA, VIRAL, analysis/ *DNA, VIRAL, isolation & purification/ ESCHERICHIA COLI/ EVALUATION STUDIES/ LYSOGENY/ METHODS/ PHENOLS, pharmacodynamics/ SODIUM DODECYL SULFATE/ SPHEROPLASTS, drug effects/ TRANSFORMATION, GENETIC, drug effects/ TRYPSIN, pharmacodynamics

4127. **Kondratskii VF:** Iz praktiki tromboembolicheskikh porazhenii sosudov setchatki.
Oftalmol Zh 26:461-2, 1971 (Rus)
FEMALE/ *FIBRINOLYSIN, therapeutic use/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ *RETINAL VESSELS/ *THROMBOEMBOLISM, drug therapy

4128. **Kones RJ:** Cardiogenic shock. Recent advances in pharmacologic management.
NY State J Med 73:1886-93, 15 Jul 73 (136 ref.)
ANEMIA, physiopathology/ ANEMIA, therapy/ ANOXIA, physiopathology/ BLOOD PRESSURE DETERMINATION/ BLOOD VISCOSITY/ CARBON DIOXIDE, blood/ CORONARY VESSELS/ HEART CATHETERIZATION/ HEART CONDUCTION SYSTEM/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LUNG, physiopathology/ MONITORING SYSTEMS/ MYOCARDIAL INFARCT, blood/ OXYGEN, therapeutic use/ OXYGEN CONSUMPTION/ POSITIVE-PRESSURE RESPIRATION/ REVIEW/ *SHOCK, CARDIOGENIC, drug therapy/ SHOCK, CARDIOGENIC, physiopathology/ WATER-ELECTROLYTE BALANCE

4129. **Kongtahworn C, Foster E, Mason EE, et al:** Heparin-induced elevation of free fatty acids in diabetic patients. Surgery 74:30-3, Jul 73
*DIABETES MELLITUS, blood/ EXTRACORPOREAL CIRCULATION/ *FATTY ACIDS, NONESTERIFIED, blood/ HEPARIN, administration & dosage/ HEPARIN, adverse effects/ *HEPARIN, therapeutic use/ HUMAN/ *OBESITY, blood/ *THROMBOPHLEBITIS, prevention & control

4130. **König K:** Physiologische Auswirkungen des Trainings bei Infarktpatienten.
Schweiz Med Wochenschr 103:46-51, 13 Jan 73 (Ger)
BLOOD COAGULATION/ BLOOD PRESSURE/ ENGLISH ABSTRACT/ EXERCISE THERAPY/ HEART RATE/ HUMAN/ LIPIDS, blood/ MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, physiopathology/ *MYOCARDIAL INFARCT, rehabilitation/ MYOCARDIAL INFARCT, therapy/ OXYGEN CONSUMPTION/ PULSE

4131. **Konijn AM, Eyal Z, Birnbaum D, et al:** Amylase secretion by rat pancreas following prolonged stimulation by unheated soybean flour.
Digestion 6:330-7, 1972
*AMYLASE, secretion/ ANIMAL EXPERIMENTS/ ANIMAL NUTRITION/ BODY WEIGHT/ *DIET/ FLOUR/ HEAT/ MALE/ PANCREAS, drug effects/ PANCREAS, physiology/ *PANCREAS, secretion/ PANCREOZYMIN, administration & dosage/ PANCREOZYMIN, pharmacodynamics/ PANCREOZYMIN, secretion/ RATS/ SECRETORY RATE, drug effects/ *SOY BEANS/ STIMULATION, CHEMICAL/ *TRYPSIN INHIBITORS, pharmacodynamics

4132. **Konishi T, Baba S, Sone H:** Whole-body autoradiographic study of vitamin K distribution in rat. Chem Pharm Bull (Tokyo) 21:220-4, Jan 73
ANIMAL EXPERIMENTS/ *AUTORADIOGRAPHY/ BILE, metabolism/ CARBON ISOTOPES/ MALE/ PHYTONADIONE, metabolism/ RATS/ TIME FACTORS/ TRITIUM/ *VITAMIN K, metabolism

4133. **Koniukhov SG, Tarasova LN, Martyshkin GP, et al:** Trombolitin i antikoagulianty v lechenii bol'nykh ostrym trombozom ven nizhnikh konechnostei.
Vestn Khir 108:66-8, Jul 72 (Rus)
ACUTE DISEASE/ ADULT/ AGED/ *ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION/ ENGLISH ABSTRACT/

FEMALE/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ *LEG, blood supply/ MALE/ MIDDLE AGE/ THROMBOPHLEBITIS, blood/ *THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, surgery

4134. **Konopka P, Afchain J, Senèze J:** Essai d'explication du mécanisme du travail. II. Blocage des contractions utérines par les anti-enzymes (communication préliminaire.
Rev Fr Gynecol Obstet 68:7-12, Jan 73 (Fre)
ADOLESCENCE/ ADULT/ *ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ INJECTIONS, INTRAVENOUS/ *LABOR, drug effects/ MUSCLE CONTRACTION, drug effects/ PREGNANCY/ *UTERUS, drug effects

4135. **Konopka P, Afchain J, Seneze J:** Blokowanie skurczów porodowych macicy za pomocą antyenzymów.
Ginekol Pol 44:55-63, Jan 73 (Pol)
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS, drug effects/ HUMAN/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ *LABOR, drug effects/ LABOR, PREMATURE, prevention & control/ *MUSCLE CONTRACTION, drug effects/ PREGNANCY/ *UTERUS, drug effects

4136. **Konopka P, Gaszynski W, Nowak J:** Essai d'explication du mécanisme du travail. I. Système de coagulation et de fibrinolyse au cours de l'accouchement physiologique.
Rev Fr Gynecol Obstet 68:1-6, Jan 73 (Fre)
*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HUMAN/ *LABOR/ PREGNANCY/ THROMBELASTOGRAPHY/ THROMBOPLASTIN, analysis

4137. **Konopka P, Gaszyński W, Nowak J:** Przebieg proodu fizjologicznego, a zachowanie się układu krzepnięcia i fibrynolizy.
Ginekol Pol 43:1317-24, 1972 (Pol)
ADULT/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS/ HUMAN/ *LABOR/ MUSCLE CONTRACTION/ PREGNANCY/ UTERUS, physiology

4138. **Konstantinov VV, Krasovskaia EA:**
Tromboélastogramma u bol'nykh pnevmosklerozom.
Vrach Delo 2:59-61, Feb 72 (Rus)
ADULT/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PULMONARY FIBROSIS, blood/ THROMBELASTOGRAPHY

4139. **Kontras SB:** Polycythemia and hyperviscosity syndromes in infants and children.
Pediatr Clin North Am 19:919-33, Nov 72 (45 ref.)
AGE FACTORS/ *BLOOD VISCOSITY/ BLOODLETTING/ CHILD/ CHILD, PRESCHOOL/ ERYTHROCYTE COUNT/ ERYTHROCYTES, ABNORMAL/ HEART DISEASES, congenital/ HEMATOCRIT/ HEMOGLOBINOMETRY/ HEMOGLOBINS, ABNORMAL, physiology/ HUMAN/ HYPOVENTILATION, complications/ INFANT/ INFANT, NEWBORN/ NEOPLASMS, metabolism/ PLASMA SUBSTITUTES, therapeutic use/ *POLYCYTHEMIA/ POLYCYTHEMIA, diagnosis/ POLYCYTHEMIA, etiology/ POLYCYTHEMIA, familial & genetic/ POLYCYTHEMIA, therapy/ POLYCYTHEMIA VERA, complications/ REVIEW/ SYNDROME/ VENTILATION-PERFUSION RATIO

4140. **Konttinen YP, Kemppainen L, Turunen O:** Comparison of ethanol and protamine tests in demonstration of soluble fibrin and early products of fibrin degradation.
Thromb Diath Haemorrh 28:342-50, 31 Dec 72
ALCOHOL, ETHYL, diagnostic use/ *BLOOD COAGULATION TESTS/ CATTLE/ COMPARATIVE STUDY/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ *FIBRIN, analysis/ FIBRIN, metabolism/ FIBRINOGEN, metabolism/ FIBRINOLYSIS/ HUMAN/ METHODS/ PROTAMINES, diagnostic use/ SOLUBILITY/ SPECTROPHOTOMETRY/ THROMBIN

4141. **Konttinen YP, Stenman UN, Schauman S:** Peripheral venous scanning with 125 I-tagged fibrinogen in pulmonary embolism. Lancet 2:972, 4 Nov 72
*FIBRINOGEN, diagnostic use/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ *PULMONARY EMBOLISM, diagnosis/ *RADIOISOTOPE SCANNING/ VEINS

4142. **Kontturi M, Kärkölä P:** Renal hypertension caused by fracture of lumbar spine. J Urol 108:673-5, Nov 72
ADULT/ ANGIOGRAPHY/ AORTA, ABDOMINAL/ BLOOD PRESSURE/ DISLOCATIONS, complications/ *FRACTURES, complications/ HEMATOMA, complications/ HUMAN/ *HYPERTENSION, RENAL, etiology/ *LUMBAR VERTEBRAE, injuries/ MALE/ RENAL ARTERY, surgery/ RENAL ARTERY OBSTRUCTION, etiology/ RENAL ARTERY OBSTRUCTION, radiography/ RENAL ARTERY OBSTRUCTION, surgery/ UROGRAPHY

4143. **Kontturi M, Lahti R:** Gross hematuria caused by renal infarction. Report on two cases.
Scand J Urol Nephrol 7:85-9, 1973
ADULT/ DEHYDRATION, complications/ EXERTION/ HEMATOMA, etiology/ *HEMATURIA, etiology/ HUMAN/ INFARCTION, complications/ *KIDNEY, blood supply/ KIDNEY DISEASES, complications/ MALE/ MIDDLE AGE/ NEPHRECTOMY

4144. **Koos W, Valencak E, Kraus H, et al:** L'activité fibrinolytique relevée dans les tumeurs intra-crâniennes.
Neurochirurgie 17:549-57, Dec 71 (Fre)
BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ *BRAIN, enzymology/ *BRAIN NEOPLASMS, enzymology/ BRAIN NEOPLASMS, surgery/ ENGLISH ABSTRACT/ *FIBRINOLYSIS/ HEMORRHAGE, etiology/ HEMORRHAGE, prevention & control/ HISTOCYTOCHEMISTRY/ HISTOLOGICAL TECHNICS/ HUMAN/ IN VITRO/ NEUROSURGERY, adverse effects/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PLASMINOGEN, diagnostic use/ POSTOPERATIVE COMPLICATIONS

4145. **Kopeć M, Węgrzynowicz Z, Kloczewiak M, et al:** Antithrombin action of fibrinogen degradation products (FDP).
Folia Haematol (Leipz) 98:417-25, 1972
*ANTITHROMBIN, isolation & purification/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRINOGEN, physiology/ FIBRINOLYSIN/ HUMAN/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, physiology/ PEPTIDES, physiology/ SNAKES/ TRITIUM/ VENOMS

4146. **Kopeček J, Sprincl L, Lim D:** New types of synthetic infusion solutions. I. Investigation of the effect of solutions of some hydrophilic polymers on blood.
J Biomed Mater Res 7:179-91, Mar 73
ACRYLAMIDES, metabolism/ *ACRYLAMIDES, toxicity/ ANAPHYLAXIS/ ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ ARTHUS PHENOMENON/ BLOOD COAGULATION/ BONE MARROW EXAMINATION/ CARBON ISOTOPES/ DEXTRAN/ LIVER, analysis/ MOLECULAR WEIGHT/ PLASMA SUBSTITUTES/ *POLYMERS, urine/ PYROGENS/ RABBITS/ SODIUM CHLORIDE/ SPLEEN, analysis/ THROMBELASTOGRAPHY/ VISCOSITY

4147. **Köpf RI, Stahlknecht CD:** Zur Behandlung tiefer Becken- und Beinvenenthrombosen.
Med Welt 23:1201-4, 2 Sep 72 (Ger)
ADOLESCENCE/ ADULT/ ANTICOAGULANTS, therapeutic use/ FEMALE/ HUMAN/ *LEG, blood supply/ MALE/ MIDDLE AGE/

PELVIS, blood supply/ THROMBOPHLEBITIS, surgery/ *THROMBOPHLEBITIS, therapy

4148. Kopriva CJ, Ratliff JL, Fletcher JR, et al: Biochemical and hematological changes associated with massive transfusion of ACD-stored blood in severely injured combat casualties. Ann Surg 176:585-9, Nov 72
ADENOSINE TRIPHOSPHATE, blood/ *BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ CITRATES/ CREATINE, blood/ ERYTHROCYTES, analysis/ GLUCOSE/ GLYCEROPHOSPHATES, blood/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LACTATES, blood/ OXYGEN, blood/ PHOSPHATES, blood/ *WOUNDS AND INJURIES, therapy

4149. Koprowicz DC: Drug interactions with coumarin derivatives. Am J Nurs 73:1042-4, Jun 73
COUMARINS, administration & dosage/ *COUMARINS, therapeutic use/ DRUG INTERACTIONS/ PROTHROMBIN TIME/ THROMBOEMBOLISM, drug therapy

4150. Korant BD: Cleavage of viral precursor proteins in vivo and in vitro. J Virol 10:751-9, Oct 72
CELL-FREE SYSTEM/ CELL LINE/ CELLS, CULTURED/ CHYMOTRYPSIN, antagonists & inhibitors/ CHYMOTRYPSIN, pharmacodynamics/ ECHO VIRUSES, growth & development/ *ECHO VIRUSES, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HELA CELLS, metabolism/ HUMAN/ KETONES, pharmacodynamics/ KIDNEY/ MACACA/ MOLECULAR WEIGHT/ MONKEYS/ PEPTIDES, metabolism/ POLIOVIRUS, growth & development/ *POLIOVIRUS, metabolism/ PRECIPITIN TESTS/ TRITIUM/ TRYPSIN, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics/ VIRAL PROTEINS, biosynthesis/ *VIRAL PROTEINS, metabolism

4151. Korchanov LS, Belov VA, Popov ND: Dinamika pokazatelef tromboélastogramm pri giperbaricheskoĭ oksigenatsii v éksperimente.
Voen Med Zh 7:51-4, Jul 72 (Rus)
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ FEMALE/ *HYPERBARIC OXYGENATION/ MALE/ RABBITS/ THROMBELASTOGRAPHY

4152. Kordenat RK, Kezdi P, Powley D: Experimental intracoronary thrombosis and selective in situ lysis by catheter technique. Am J Cardiol 30:640-5, 8 Nov 72
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ AORTA/ ARTERIES/ BLOOD PRESSURE/ CINEANGIOGRAPHY/ CORONARY CIRCULATION/ DISEASE MODELS, ANIMAL/ DOGS/ ELECTROCARDIOGRAPHY/ FEMALE/ FIBRINOLYSIN, administration & dosage/ *FIBRINOLYSIN, therapeutic use/ FIBRINOLYTIC AGENTS, administration & dosage/ HEART CATHETERIZATION/ HEART RATE/ INJECTIONS, INTRAVENOUS/ MALE/ METHODS/ *MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, etiology/ MYOCARDIAL INFARCT, physiopathology/ THROMBOSIS/ TIME FACTORS

4153. Korepanov AM: Vliianie vysokochastotnoi elektroterapii na vneshnesekretornuiu funktsiiu podzheludochnoi zhelezy.
Vrach Delo 2:16-9, Feb 73 (Rus)
ADULT/ AMYLASE, secretion/ CHOLANGITIS, physiopathology/ *CHOLANGITIS, therapy/ CHRONIC DISEASE/ *ELECTROTHERAPY/ ENGLISH ABSTRACT/ FEMALE/ HEPATITIS, physiopathology/ *HEPATITIS, therapy/ HUMAN/ LIPASE, secretion/ MALE/ MIDDLE AGE/ *PANCREAS, enzymology/ PANCREAS, physiopathology/ PANCREATIC JUICE, secretion/ TRYPSIN, secretion

4154. Kornzweig AL: Capillary microaneurisms and shunt vessels in diabetic retinopathy. A hypothesis on pathogenesis and prevention.
Isr J Med Sci 8:1316-22, Aug-Sep 72
AGED/ *ANEURYSM/ ANEURYSM, drug therapy/ ANEURYSM, pathology/ ANEURYSM, prevention & control/ ANTICOAGULANTS, therapeutic use/ *CAPILLARIES/ CAPILLARIES, pathology/ *DIABETIC RETINOPATHY/ DIABETIC RETINOPATHY, drug therapy/ DIABETIC RETINOPATHY, etiology/ DIABETIC RETINOPATHY, pathology/ DIABETIC RETINOPATHY, prevention & control/ DILATATION/ FEMALE/ HUMAN/ MALE/ MICROCIRCULATION/ MICROCIRCULATION, drug effects

4155. Korobkin AB: Vlianie sosudistoĭ stenki na funktsional'nye svoĭstva trombotsitov.
Kardiologiia 13:99-103, 1973 (Rus)
ANGINA PECTORIS, blood/ AORTA, physiopathology/ *ARTERIOSCLEROSIS/ ARTERIOSCLEROSIS, physiopathology/ *BLOOD PLATELETS/ ENGLISH ABSTRACT/ HUMAN/ METHODS/ MYOCARDIAL INFARCT, blood/ PLATELET ADHESIVENESS/ *TISSUE EXTRACTS

4156. Koroiko A: Wyniki przewlekłego stosowania leków przeciwkrzepliwych u chorych z zawałem serca i chorobą wieńcową bez zawału.
Pol Tyg Lek 27:1897-900, 27 Nov 72 (Pol)
ADULT/ AGED/ *BISHYDROXYCOUMARIN, administration & dosage/ *CORONARY DISEASE, drug therapy/ ENGLISH ABSTRACT/ FOLLOW-UP STUDIES/ HUMAN/ MIDDLE AGE/ *MYOCARDIAL INFARCT, drug therapy/ TIME FACTORS

4157. Korra A: The use of alpha-chymotrypsin in syringing the obstructed lacrimal passages.
Bull Ophthalmol Soc Egypt 64:525-8, 1971
ADOLESCENCE/ ADULT/ AGED/ CHILD/ *CHYMOTRYPSIN, therapeutic use/ FEMALE/ HUMAN/ *LACRIMAL DUCT OBSTRUCTION, drug therapy/ MALE/ METHODS/ MIDDLE AGE/ SYRINGES

4158. Korsan-Bengtsen K, Bengtsson C, Tibblin E: Blood coagulation, fibrinolysis and platelet function in women aged 38, 46, 50, 54 and 60. The study of women in Gothenburg 1968-1969.
Acta Med Scand 193:543-6, Jun 73
ADULT/ AGE FACTORS/ AGED/ *BLOOD COAGULATION/ FACTOR VII, metabolism/ FACTOR VIII, metabolism/ FACTOR X, metabolism/ FEMALE/ FIBRINOGEN, metabolism/ *FIBRINOLYSIS/ HUMAN/ MENOPAUSE/ MIDDLE AGE/ PLASMINOGEN, metabolism/ *PLATELET ADHESIVENESS/ PROTHROMBIN, metabolism/ SWEDEN/ THROMBOPLASTIN, metabolism

4159. Korsan-Bengtsen K, Wilhelmsen L, Elmfeldt D, et al: Blood coagulation and fibrinolysis in man after myocardial infarction compared with a representative population sample.
Atherosclerosis 16:83-8, Jul-Aug 72
ADULT/ *BLOOD COAGULATION/ BLOOD COAGULATION FACTORS, analysis/ FEMALE/ FIBRINOLYSIS/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, blood

4160. Korsan-Bengtsen K, Wilhelmsen L, Tibblin G: Blood coagulation and fibrinolysis in a random sample of 788 men 54 years old. II. Relations of the variables to "risk factors" for myocardial infarction.
Thromb Diath Haemorrh 28:99-108, 31 Aug 72
*BLOOD COAGULATION/ BLOOD PRESSURE/ BLOOD SUGAR, analysis/ BODY CONSTITUTION/ BODY WEIGHT/ CHOLESTEROL, blood/ FACTOR VII, analysis/ FACTOR VIII, analysis/ FACTOR X, analysis/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, diagnosis/ OBESITY/ PLASMINOGEN, analysis/ PROTHROMBIN, analysis/ SAMPLING STUDIES/ SKINFOLD THICKNESS/ SMOKING/ SPIROMETRY/ THROMBOPLASTIN, analysis/ TRIGLYCERIDES, blood/ VITAL CAPACITY

4161. Korsan-Bengtsen K, Wilhelmsen L, Tibblin G: Blood

coagulation and fibrinolysis in a random sample of 788 men 54 years old. I. Correlations between the variables of clotting and fibrinolysis.
Thromb Diath Haemorrh 28:89-98, 31 Aug 72
*BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ CLOT RETRACTION/ CORONARY DISEASE, physiopathology/ FACTOR VII, analysis/ FACTOR VIII, analysis/ FACTOR X, analysis/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ PLASMINOGEN, analysis/ PROSPECTIVE STUDIES/ PROTHROMBIN, analysis/ PROTHROMBIN TIME/ SAMPLING STUDIES/ THROMBOPLASTIN, analysis

4162. **Korsan-Bengtsen K, Wilhelmsen L, Tibblin G:** Blood coagulation and fibrinolysis in relation to degree of physical activity during work and leisure time. A study based on a random sample of 54-year-old men.
Acta Med Scand 193:73-7, Jan-Feb 73
BLOOD, physiology/ *BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ CIRCADIAN RHYTHM/ *EXERTION/ *FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ SAMPLING STUDIES/ TIME FACTORS

4163. **Kortt AA, Liu TY:** On the mechanism of action of streptococcal proteinase. II. Comparison of the kinetics of proteinase- and papain-catalyzed hydrolysis of N-acylamino acid esters.
Biochemistry 12:328-37, 16 Jan 73
ALANINE/ ALCOHOL, METHYL/ AMIDES/ AMINO ACIDS/ BENZENE DERIVATIVES/ BENZYL COMPOUNDS/ BINDING SITES/ CHEMISTRY/ ESTERS/ GLYCINE/ HYDROLYSIS/ KINETICS/ LYSINE/ MODELS, STRUCTURAL/ NITROBENZENES/ *PAPAIN/ *PEPTIDE PEPTIDOHYDROLASES/ SPECTROPHOTOMETRY/ *STREPTOCOCCUS, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP

4164. **Kortt AA, Liu TY:** On the mechanism of action of streptococcal proteinase. I. Active-site titration.
Biochemistry 12:320-7, 16 Jan 73
BENZOATES/ BINDING SITES/ CATALYSIS/ CHLORIDES/ DISULFIDES/ ENZYME ACTIVATION/ *ENZYME PRECURSORS, analysis/ ENZYME PRECURSORS, isolation & purification/ GEL FILTRATION/ IODOACETATES/ MERCURY/ NITRO COMPOUNDS/ OXIDATION-REDUCTION/ PAPAIN, isolation & purification/ *PEPTIDE PEPTIDOHYDROLASES, analysis/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ *STREPTOCOCCUS, enzymology/ SULFHYDRYL COMPOUNDS, analysis/ SULFITES/ SULFUR ISOTOPES

4165. **Kortt AA, Liu TY:** On the mechanism of action of streptococcal proteinase. 3. The effect of pH, organic solvents, and deuterium oxide on the proteinase-catalyzed hydrolysis of N-acylamino acid esters. Biochemistry 12:338-45, 16 Jan 73
ACETATES/ ALANINE/ *AMINO ACIDS/ BENZENE DERIVATIVES/ BENZYL COMPOUNDS/ BINDING, COMPETITIVE/ BINDING SITES/ CATALYSIS/ DEUTERIUM/ DIMETHYL SULFOXIDE/ ESTERS/ FORMATES/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LYSINE/ NITRILES/ NITROBENZENES/ PAPAIN/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ PHOSPHATES/ *STREPTOCOCCUS, enzymology/ TROMETHAMINE

4166. **Korvald E, Storen EJ, Ongre A:** Simultaneous use of warfarin-sodium and dextran 70 to prevent post-operative venous thrombosis in patients with hip fractures. A controlled trial.
J Oslo City Hosp 23:25-34, Feb 73
ADMINISTRATION, ORAL/ AGED/ *DEXTRAN/ DEXTRAN, administration & dosage/ FEMALE/ *FEMORAL NECK FRACTURES, surgery/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ MIDDLE AGE/ PHLEBOGRAPHY/ POSTOPERATIVE CARE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PREMEDICATION/ *THROMBOEMBOLISM, prevention & control/ THROMBOEMBOLISM, radiography/ TIME FACTORS/ WARFARIN/ WARFARIN, administration & dosage

4167. **Korz R:** Einfluss therapeutischer heparindosen auf Calcium- und Phosphatstoffwechsel als Faktor zur Genese metastatischer Verkalkungen bei chronischer Hämodialyse.
Verh Dtsch Ges Inn Med 77:224-7, 1971 (Ger)
*CALCINOSIS, etiology/ CALCIUM, metabolism/ *HEMODIALYSIS, adverse effects/ *HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ PHOSPHATES, metabolism

4168. **Kosaki G, Inoshita K:** [Microstructure of the platelets]
Jap J Clin Med 31:765-8, Apr 73 (23 ref.) (Jap)
BLOOD PLATELETS, analysis/ *BLOOD PLATELETS, cytology/ CYTOPLASMIC GRANULES/ ENDOPLASMIC RETICULUM/ GLYCOGEN, blood/ HUMAN/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ REVIEW/ SEROTONIN, blood

4169. **Kositskiĭ GI:** Preduprezhdenie porazheniĭ serdechno-sosudistoĭ sistemy.
Kardiologiia 12:5-14, Feb 72 (Rus)
CARDIOVASCULAR DISEASES, etiology/ CARDIOVASCULAR DISEASES, mortality/ CARDIOVASCULAR DISEASES, occurrence/ *CARDIOVASCULAR DISEASES, prevention & control/ DIET, ATHEROGENIC/ EMOTIONS/ EXERTION/ HUMAN/ NOISE, adverse effects/ PHYSICAL FITNESS/ SMOKING, complications/ STRESS, PSYCHOLOGICAL/ USSR

4170. **Kosman DJ, Piette LH:** ESR probing of macromolecules: spin label study of the conformational integrity and transitions in modified alpha-chymotrypsin.
Arch Biochem Biophys 149:452-60, Apr 72
ALKYLATION/ BINDING SITES/ *CHYMOTRYPSIN, analysis/ CHYMOTRYPSIN, antagonists & inhibitors/ CHYMOTRYPSIN, metabolism/ ELECTRON SPIN RESONANCE/ FLUORIDES/ FLUORIDES, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ KINETICS/ METHIONINE/ OXIDATION-REDUCTION/ PHOSPHONIC ACIDS/ PHOSPHONIC ACIDS, pharmacodynamics/ PROTEIN CONFORMATION/ SERINE/ SPECTROPHOTOMETRY, ULTRAVIOLET

4171. **Kostarz T, Kądziolka A, Węclawski A:** Wpływ diety miażdżycotwórczej na zachowanie się wolnych aminokwasów w osoczu i w krwinkach czerwonych gołębi.
Pol Arch Weter 15:145-57, 1972 (Pol)
*AMINO ACIDS, blood/ ANIMAL EXPERIMENTS/ *DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ *ERYTHROCYTES, metabolism/ *PIGEONS

4172. **Kostarz T, Weclawski A, Kadziolka A:** Wpływ diety aterogennej na zachowanie się wolnych aminokwasów w wątrobie i kale gołębi.
Ann Univ Mariae Curie Sklodowska [Med] 26:77-89, 1971 (Pol)
AMINO ACIDS, analysis/ *AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ *DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ *FECES, analysis/ LIVER, analysis/ *LIVER, metabolism/ PIGEONS/ TIME FACTORS

4173. **Köstering H, König F, Völker P, et al:** Abnahme des Längenwachstums künstlich gesetzter Thromben in der Ohrvene der maus nach epikutaner Applikation eines Heparinoid-Gels.
Aerztl Forsch 26:438-42, 10 Dec 72 (Ger)
AESCULUS, therapeutic use/ ANIMAL EXPERIMENTS/ *CAMPHOR, therapeutic use/ DRUG COMBINATIONS/ *EAR DISEASES, drug therapy/ EAR DISEASES, etiology/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS/ GELS/ MICE/ MICROSCOPY/ *SAPONINS, therapeutic use/ *SULFATES,

therapeutic use/ *THROMBOSIS, drug therapy/ THROMBOSIS, pathology/ TIME FACTORS

4174. **Köstering H, Mietzsch G, Tönnis HJ, et al:** Blutungsbereitschaft unter der Hämodialyse durch intermembranösen Verbrauch von Thrombozyten und Gerinnungsfaktoren.
Med Welt 23:1749-52, 18 Nov 72 (Ger)
*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS/ BLOOD PLATELETS/ CELL MEMBRANE/ *HEMODIALYSIS, adverse effects/ HUMAN/ KIDNEY FAILURE, CHRONIC, therapy

4175. **Kostka V, Drahozal H:** Méně obvyklý případ sarkomatózy tvrdé pleny vytvářející obraz subdurálního hygromu.
Cesk Neurol 36:43-6, Jan 73 (Cze)
ADULT/ AUTOPSY/ *BRAIN NEOPLASMS, diagnosis/ BRAIN NEOPLASMS, pathology/ *DURA MATER/ DURA MATER, pathology/ ENGLISH ABSTRACT/ *HEMATOMA, diagnosis/ HEMATOMA, pathology/ HUMAN/ *LYMPHANGIOMA, diagnosis/ LYMPHANGIOMA, pathology/ MALE/ *SARCOMA, diagnosis/ SARCOMA, pathology/ SUBDURAL EFFUSION, diagnosis

4176. **Kostrzhevs'ka OG, Korotkoruchko VP:** Peptydni karty gamma G-hlobulinu liudyny.
Ukr Biokhim Zh 43:424-7, Jul-Aug 71 (Ukr)
*AMINO ACID SEQUENCE, analysis/ BLOOD PROTEIN ELECTROPHORESIS/ ENGLISH ABSTRACT/ *GAMMA GLOBULIN, 7S, analysis/ HUMAN/ *NEOPLASM PROTEINS, analysis/ *PEPTIDES, analysis/ TRYPSIN, pharmacodynamics/ ULTRACENTRIFUGATION

4177. **Kosuge Y:** [Study of developmental pharmacology on vitamin K3. 3. The effect of vitamin K3 in diet on the nutrition of rats administrated vitamin K3 and incidence of dental caries in rats]
Shikwa Gakuho 73:959-65, May 73 (Jap)
ANIMAL NUTRITION/ DENTAL CARIES, occurrence/ ENGLISH ABSTRACT/ SPECIAL LIST DENTAL/ VITAMIN K, pharmacodynamics

4178. **Kotelba-Witkowska B, Domański A, Daszyński J:** Próba oceny procesu zamrażania i rozmrażania koncentratów leukocytarnych.
Acta Haematol Pol 3:79-88, Jan-Mar 72 (Pol)
*BLOOD PRESERVATION/ BLOOD TRANSFUSION/ CRYOPROTECTIVE AGENTS/ EMULSIONS/ ENGLISH ABSTRACT/ *FREEZING/ GLUCOSE/ HUMAN/ *LEUKOCYTES/ METHODS/ SUCROSE/ TEMPERATURE/ TIME FACTORS

4179. **Kotelba-Witkowska B, Duda W, Daszyński J, et al:** Konserwowanie masy leukocytarnej w temperaturze + 4 degrees.
Acta Haematol Pol 3:71-8, Jan-Mar 72 (Pol)
BLOOD DONORS/ *BLOOD PRESERVATION/ BLOOD SPECIMEN COLLECTION/ BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ HUMAN/ *LEUKOCYTES/ LEUKOCYTES, drug effects/ LYMPHOCYTE TRANSFORMATION, drug effects/ METHODS/ NUCLEOTIDES, analysis/ PLANT AGGLUTININS, pharmacodynamics/ TEMPERATURE/ TIME FACTORS

4180. **Kotlarek-Haus S, Szczeklik A, Frydecka I, et al:** Przypadek zespołu "purpura fulminans" u osoby dorosłej. Przegl Lek 30:325-7, 1973 (Pol)
ADULT/ AGE FACTORS/ AUTOPSY/ DIAGNOSIS, DIFFERENTIAL/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ HUMAN/ KIDNEY FAILURE, ACUTE, complications/ MALE/ PULMONARY EDEMA, pathology/ *PURPURA/ PURPURA, complications/ PURPURA, diagnosis/ PURPURA, pathology/ SYNDROME

4181. **Kotschy M:** Der Einfluss von Prothrombin- und Fibrinogen-Antisera auf das Gerinnungssystem von Rinderblut.
Folia Haematol (Leipz) 98:426-36, 1972 (Ger)
ANIMAL EXPERIMENTS/ ANTIBODIES/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ CATTLE/ *FIBRINOGEN, physiology/ FIBRINOLYSIS/ GEL DIFFUSION TESTS/ IMMUNOELECTROPHORESIS/ PRECIPITIN TESTS/ *PROTHROMBIN, physiology/ RABBITS, immunology/ THROMBELASTOGRAPHY/ THROMBIN

4182. **Kotsiubinskiĭ NN:** Svertyvaiushchaia sistema krovi pri ognestrel'nykh raneniiakh.
Voen Med Zh 5:35-8, May 72 (Rus)
ADULT/ *BLOOD COAGULATION/ FEMALE/ HUMAN/ MALE/ *WOUNDS, GUNSHOT, blood

4183. **Kouba R:** Nobleho plikce v prevenci pooperačních srůstů.
Rozhl Chir 51:675-82, Oct 72 (Cze)
*ADHESIONS, prevention & control/ ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INTESTINAL DISEASES, surgery/ MALE/ METHODS/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, prevention & control

4184. **Kourounakis P, Szabo S, Werringloer J, et al:** Effect of various steroids and ACTH on plasma levels of zoxazolamine and dicumarol.
J Pharm Sci 62:690-2, Apr 73
*ADRENAL CORTEX HORMONES, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BISHYDROXYCOUMARIN, blood/ *CORTICOTROPIN, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ FEMALE/ HYDROXYDIONE, pharmacodynamics/ PARALYSIS, chemically induced/ PREGNENOLONE, pharmacodynamics/ PROGESTERONE, pharmacodynamics/ RATS/ *STEROIDS, pharmacodynamics/ TRIAMCINOLONE, pharmacodynamics/ ZOXAZOLAMINE/ *ZOXAZOLAMINE, blood

4185. **Kout M, Májský A, Brabec V:** Protilátky proti leukocytům a trombocytům u paroxysmální noční hemoglobinurie.
Vnitr Lek 19:654-9, Jul 73 (Cze)
ADULT/ ANTIBODY SPECIFICITY/ ANTIGEN-ANTIBODY REACTIONS/ *BLOOD PLATELETS, immunology/ COMPLEMENT/ ENGLISH ABSTRACT/ FEMALE/ *HEMOGLOBINURIA, PAROXYSMAL, immunology/ HUMAN/ *LEUKOCYTES, immunology/ MALE/ MIDDLE AGE

4186. **Koutský J, Kraus I, Rybák M, et al:** Fibrinolýza a její inhibice v gynekologii.
Cas Lek Cesk 112:72-5, 19 Jan 73 (Cze)
ADMINISTRATION, ORAL/ ADULT/ AMINOCAPROIC ACID, administration & dosage/ AMINOCAPROIC ACID, therapeutic use/ ANTIFIBRINOLYTIC AGENTS, administration & dosage/ ANTIFIBRINOLYTIC AGENTS, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ *METRORRHAGIA, drug therapy/ PREGNANCY

4187. **Koutský J, Kraus I:** Příspěvek k etiopatogenezi a léčbě hemorrhagického porodního syndromu.
Cesk Gynekol 38:347-8, Jun 73 (Cze)
ANTIFIBRINOLYTIC AGENTS, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FEMALE/ *HEMORRHAGE, POSTPARTUM/ HEMORRHAGE, POSTPARTUM, drug therapy/ HEMORRHAGE, POSTPARTUM, etiology/ HUMAN/ PREGNANCY/ SYNDROME

4188. **Kovacs K, Horvath E:** Platelets in the cytoplasm of adrenocortical cells injured by temporary ischemia.
Z Mikrosk Anat Forsch 86:394-8, 1972
*ADRENAL GLANDS, blood supply/ ADRENAL GLANDS, pathology/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS/ BLOOD PLATELETS, enzymology/ CELL NUCLEUS/ CELLULAR INCLUSIONS/ CYTOPLASM/ FEMALE/ ISCHEMIA/ LIPIDS/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/

NECROSIS/ RATS/ REGIONAL BLOOD FLOW/ TIME FACTORS

4189. **Kovács-Szabó I, Cseh G:** Uj cellulolitikus emésztőenzim készítmény vizsgálata.
Acta Pharm Hung 42:213-9, Sep 72 (Hun)
*ASPERGILLUS, enzymology/ *CELLULOSE, metabolism/ ENGLISH ABSTRACT/ *PEPTIDE HYDROLASES, analysis

4190. **Kovalev MM, Roi VP:** K voprosy o vozrastnykh osobennostiakh rannei posleoperatsionnoi spaechnoi neprokhodimosti kishechnika.
Klin Khir 3:1-4, Mar 73 (Rus)
*ADHESIONS, complications/ ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES/ *INTESTINAL OBSTRUCTION, etiology/ MIDDLE AGE/ PERITONEAL DISEASES, complications/ POSTOPERATIVE COMPLICATIONS

4191. **Kovalev MM, Teplyĭ VK:** Izmenenie vneshneĭ sekretsii podzheludochnoĭ zhelezy.
Vrach Delo 10:64-9, Oct 72 (Rus)
AMYLASE, blood/ ANIMAL EXPERIMENTS/ DOGS/ ENGLISH ABSTRACT/ ENZYME TESTS/ HUMAN/ LIPASE, blood/ *PANCREAS, secretion/ *PANCREATIC JUICE, secretion/ PANCREATITIS, diagnosis/ *POSTGASTRECTOMY SYNDROMES, diagnosis/ TRYPSIN, blood/ TRYPSIN INHIBITORS, blood

4192. **Kovaleva GG, Shimanskaya MP, Stepanov VM:** The site of diazoacetyl inhibitor attachment to acid proteinase of Aspergillus awamori--an analog of penicillopepsin and pepsin.
Biochem Biophys Res Commun 49:1075-81, 15 Nov 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AMMONIUM SULFATE/ *ASPERGILLUS, drug effects/ ASPERGILLUS, enzymology/ CHROMATOGRAPHY/ DANSYL COMPOUNDS, chem synthesis/ *DIAZONIUM COMPOUNDS, pharmacodynamics/ DINITROPHENOLS, chem synthesis/ HYDROLYSIS/ PENICILLIN, analysis/ *PENICILLIN, antagonists & inhibitors/ PEPSIN, analysis/ *PEPSIN, antagonists & inhibitors/ PEPTIDE HYDROLASES, analysis/ *PEPTIDE HYDROLASES, antagonists & inhibitors

4193. **Kowallik KV, Herrmann RG:** Variable amounts of DNA related to the size of chloroplasts. IV. Three-dimensional arrangement of DNA in fully differentiated chloroplasts of Beta vulgaris L.
J Cell Sci 11:357-77, Sep 72
ALDEHYDES/ *CHLOROPLASTS/ *DNA/ HISTOLOGICAL TECHNICS/ MICROSCOPY, ELECTRON/ MODELS, STRUCTURAL/ *PLANTS, cytology/ PLANTS, growth & development/ POLYPLOIDY/ PRONASE/ TRYPSIN

4194. **Kowarzyk H, Czerchawski L, Krzemień K, et al:** Regulacja komórkowa krzepliwości krwi.
Przegl Lek 30:494-500, 1973 (Pol)
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ EPINEPHRINE, antagonists & inhibitors/ EPINEPHRINE, pharmacodynamics/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ RATS/ SPLEEN, physiology/ SPLENECTOMY/ TIME FACTORS/ TISSUE EXTRACTS

4195. **Kowarzyk H, Czerchawski L, Krzemień K, et al:** Cellular control of blood coagulation. 3. The response of platelets to adrenaline.
Bull Acad Pol Sci [Biol] 20:755-9, 1972
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ *BLOOD COAGULATION, drug effects/ *BLOOD PLATELETS, drug effects/ *EPINEPHRINE, pharmacodynamics/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ RATS/ SPLEEN, physiology/ SPLENECTOMY

4196. **Kozlov MP, Chumakova IV:** Ispytanie nekotorykh preparatov v kachestve khemosterilliantov blokh.
Med Parazitol (Mosk) 41:595-9, Sep-Oct 72 (Rus)
ANIMAL EXPERIMENTS/ *ANTICOAGULANTS, pharmacodynamics/ *CARBAMATES, pharmacodynamics/ *CHEMOSTERILANTS, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ *FLEAS, drug effects/ INSECT CONTROL/ *INSECTICIDES, pharmacodynamics/ MALE/ SEVIN, pharmacodynamics/ *THIO-TEPA, pharmacodynamics/ USSR

4197. **Kozlowski S, Nazar K:** Fizjologiczne mechanizmy wydolności fizycznej ustroju.
Acta Physiol Pol [Suppl] 24:49-66, 1973 (Pol)
ADENOSINE TRIPHOSPHATASE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ AEROBIOSIS/ AGE FACTORS/ ANAEROBIOSIS/ BLOOD VOLUME/ BODY TEMPERATURE REGULATION/ CARDIOVASCULAR SYSTEM, physiology/ *EXERTION/ HEMOSTASIS/ HUMAN/ LUNG, physiology/ MOTIVATION/ MUSCLES, enzymology/ MUSCLES, metabolism/ MUSCLES, physiology/ NERVOUS SYSTEM, physiology/ OXYGEN CONSUMPTION/ PHOSPHOCREATINE, metabolism/ SWEATING/ TIME FACTORS

4198. **Kozulina EP, Terletskaia IaT, Syrovatskaia LP:** Aktyvnist' proteolitychnykh fermentiv ta kyslot fosfatazy v nervovii tkanyni na riznykh stadiiakh rozvytku alerhichnoho entsefalomiietlitu.
Ukr Biokhim Zh 44:145-8, 1972 (Ukr)
*ACID PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ BRAIN CHEMISTRY/ CATTLE/ *DEMYELINATION, enzymology/ *ENCEPHALOMYELITIS, ALLERGIC, enzymology/ ENGLISH ABSTRACT/ FEMALE/ GUINEA PIGS/ INJECTIONS, SUBCUTANEOUS/ MALE/ METHODS/ *PEPTIDE HYDROLASES, metabolism/ PROTEINS, metabolism/ SPINAL CORD, enzymology

4199. **Kraemer PM, Tobey RA, Van Dilla MA:** Flow microfluorometric studies of lectin binding to mammalian cells. I. General features.
J Cell Physiol 81:305-14, Jun 73
ALCOHOL, METHYL, pharmacodynamics/ BINDING SITES/ CELL LINE/ CELL MEMBRANE, metabolism/ CONCANAVALIN A, metabolism/ FLUORESCEINS/ FLUOROMETRY/ GLYCOSIDES, pharmacodynamics/ HAMSTERS/ MANNOSE, pharmacodynamics/ MICROSCOPY, FLUORESCENCE/ MITOSIS/ *PHYTOMITOGENS, metabolism/ *PLANT AGGLUTININS, metabolism/ TIME FACTORS/ TRYPSIN, pharmacodynamics

4200. **Krafft L, Liebenow HC, Götze K:** Erfahrungsbericht über unsere Behandlung der Verbrennungskrankheit.
Z Aerzti Fortbild (Jena) 66:774-7, 1 Aug 72 (Ger)
ACIDOSIS, prevention & control/ ADOLESCENCE/ ADULT/ ALUMINUM, administration & dosage/ ANALGESIA/ BANDAGES/ BURNS, complications/ BURNS, enzymology/ BURNS, mortality/ BURNS, surgery/ *BURNS, therapy/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ INFUSIONS, PARENTERAL/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ METHODS/ MIDDLE AGE/ PEPTIDE HYDROLASES, antagonists & inhibitors/ POWDERS/ RETROSPECTIVE STUDIES/ TETANUS, complications/ TRANSPLANTATION, AUTOLOGOUS

4201. **Kraft V, Bissell MJ, Gorini L:** Studies on the mechanism of protein excretion in bacteria: the extracellular proteinase of a Sarcina strain (Coccus P).
Hoppe Seylers Z Physiol Chem 353:1540, Oct 72
*BACTERIAL PROTEINS, metabolism/ CALCIUM/ *CYTOPLASM, metabolism/ MEMBRANES, metabolism/ PEPTIDE HYDROLASES, metabolism/ PEPTIDES, metabolism/ RIBOSOMES, metabolism/ SARCINA, enzymology/ *SARCINA, metabolism

4202. **Kraft V, Falkenberg F:** Studies on the protease spectrum isolated from the digestive tract of Limulus polyphemus L. (horseshoe crab) including an immunological comparison to related invertebrates. Hoppe Seylers Z Physiol Chem 353:1540-1, Oct 72
ANIMAL EXPERIMENTS/ BEES, enzymology/ CHYMOTRYPSIN/ *CRABS, enzymology/ CRAYFISH, enzymology/ DIGESTIVE SYSTEM, enzymology/ GEL FILTRATION/ INVERTEBRATES, enzymology/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES/ RABBITS/ RABBITS, immunology/ SCORPIONS, enzymology/ TRYPSIN

4203. **Krahn HP, Axenrod H:** The management of severe renal lacerations. J Urol 109:11-3, Jan 73
ADOLESCENCE/ ADULT/ AGED/ CHILD/ DEBRIDEMENT/ HEMOSTASIS/ HUMAN/ *KIDNEY, injuries/ KIDNEY, radiography/ KIDNEY, surgery/ MALE/ MIDDLE AGE/ NEPHRECTOMY/ SUTURE TECHNICS/ UROGRAPHY

4204. **Krahn J, Stevens FC:** Peptide-bond hydrolysis equilibria in the antitrypsin site of lima bean protease inhibitor. Biochemistry 12:1330-5, 27 Mar 73
ALKYLATION/ AMINO ACIDS, analysis/ BINDING SITES/ CARBOXYPEPTIDASES/ CATTLE/ CHEMISTRY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS, PAPER/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ LYSINE/ LYSINE, analysis/ OXIDATION-REDUCTION/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDES/ PEPTIDES, analysis/ *PLANTS/ SERINE/ TRYPSIN/ *TRYPSIN INHIBITORS

4205. **Krajka K:** Wpływ przeciecia nerwów błędnych na czynność narządów biorących udział w trawieniu i wchłanianiu tłuszczów.
Pol Przegl Chir 44:1829-33, Dec 72 (30 ref.) (Pol)
ANIMAL EXPERIMENTS/ BILIARY TRACT, innervation/ DIETARY FATS, metabolism/ DOGS/ GASTROINTESTINAL MOTILITY/ GASTROINTESTINAL SYSTEM, blood supply/ HUMAN/ INTESTINAL ABSORPTION/ INTESTINES, metabolism/ *LIPIDS, metabolism/ LIVER, innervation/ MESENTERIC ARTERIES/ MESENTERIC VEINS/ PANCREAS, enzymology/ PANCREAS, innervation/ PEPTIC ULCER, surgery/ REVIEW/ TRYPSIN, secretion/ *VAGOTOMY/ VAGOTOMY, adverse effects/ VAGUS NERVE, physiology

4206. **Krakovskiĭ AI, Makovskaia TP:** Svertyvaiushchaia sistema krovi pri mekhanicheskoĭ zheltukhe.
Khirurgiia (Mosk) 48:107-12, Jul 72 (Rus)
ADULT/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *JAUNDICE, OBSTRUCTIVE, blood/ MALE/ MIDDLE AGE

4207. **Krakow W, Endres GF, Siegel BM, et al:** An electron microscopic investigation of the polymerization of bovine fibrin monomer. J Mol Biol 71:95-103, 28 Oct 72
ALLOYS/ AMMONIUM COMPOUNDS/ BROMIDES/ CARBON/ CARBONATES/ CATTLE/ DIALYSIS/ *FIBRIN/ FIBRINOGEN/ FREEZE DRYING/ HISTOLOGICAL TECHNICS/ *MACROMOLECULAR SYSTEMS/ MICROSCOPY, ELECTRON/ MODELS, STRUCTURAL/ PROTEIN CONFORMATION/ SODIUM/ TANTALUM/ TUNGSTEN

4208. **Krämer J, Brandis H:** Anreicherung und Charakterisierung eines Streptococcus Agalactiae-Bacteriocins (Kurzfassung.
Zentralbl Bakteriol [Orig A] 220:356, May 72 (Ger)
BACTERIOCINS, analysis/ *BACTERIOCINS, isolation & purification/ BACTERIOCINS, pharmacodynamics/ GRAM NEGATIVE BACTERIA, drug effects/ LIPASE/ MOLECULAR WEIGHT/ PEPSIN/ *STREPTOCOCCUS, metabolism/ STREPTOCOCCUS AGALACTIAE, metabolism/ TRYPSIN

4209. **Krämer J, Brandis H:** Charakterisierung eines Streptococcus agalactiae-Bacteriocins.
Zentralbl Bakteriol [Orig A] 219:290-301, Mar 72 (Ger)
*BACTERIOCINS, analysis/ BACTERIOCINS, isolation & purification/ BACTERIOCINS, metabolism/ BACTERIOCINS, pharmacodynamics/ CENTRIFUGATION/ CULTURE MEDIA/ ENGLISH ABSTRACT/ GEL FILTRATION/ MICROBIAL SENSITIVITY TESTS/ MOLECULAR WEIGHT/ PEPSIN/ STREPTOCOCCUS, drug effects/ STREPTOCOCCUS AGALACTIAE, drug effects/ STREPTOCOCCUS AGALACTIAE, isolation & purification/ STREPTOCOCCUS AGALACTIAE, metabolism/ TRYPSIN

4210. **Kramer KJ, Feisted RL, Law JH:** Cocoonase. V. Structural studies on an insect serine protease. J Biol Chem 248:3021-8, 10 May 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AUTOANALYSIS/ BINDING SITES/ CARBON ISOTOPES/ CATTLE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ ENZYME PRECURSORS/ GALACTOSAMINE, analysis/ GLUCOSAMINE, analysis/ MANNOSE, analysis/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDES, analysis/ SERINE/ *SILKWORMS, enzymology/ SODIUM DODECYL SULFATE/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRITIUM/ TRYPSIN

4211. **Kramer KJ, Rupley JA:** Sulfanilation of lysozyme by carbodiimide reaction. Reactivities of individual carboxyl groups.
Arch Biochem Biophys 156:414-25, Jun 73
ALKYLATION/ AMINO ACIDS, analysis/ ANILINE COMPOUNDS/ ASPARTIC ACID/ CARBODIIMIDES/ CHEMISTRY/ CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ GLUTAMATES/ MURAMIDASE/ MURAMIDASE, analysis/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SULFONIC ACIDS/ TRYPSIN

4212. **Kramsch DM, Hollander W:** The interaction of serum and arterial lipoproteins with elastin of the arterial intima and its role in the lipid accumulation in atherosclerotic plaques. J Clin Invest 52:236-47, Feb 73
AMINO ACIDS, analysis/ *ARTERIOSCLEROSIS, metabolism/ CHOLESTEROL, metabolism/ CHYLOMICRONS, metabolism/ ELASTIN, analysis/ *ELASTIN, metabolism/ HUMAN/ HYDROLYSIS/ HYPERLIPEMIA, metabolism/ IN VITRO/ IODINE ISOTOPES/ *LIPIDS, metabolism/ *LIPOPROTEINS, metabolism/ LIPOPROTEINS, LDL, metabolism/ LIPOPROTEINS, VLDL, metabolism/ PROTEIN BINDING/ SODIUM HYDROXIDE, pharmacodynamics/ TRYPSIN, pharmacodynamics

4213. **Krantz S, Lober M, Oppermann P:** Die biologische Halbwertszeit von 131 J-markiertem Fibrinogen normaler und kobaltbehandelter Kaninchen.
Acta Biol Med Ger 29:805-10, 1972 (Ger)
ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION DISORDERS, chemically induced/ BLOOD PROTEIN ELECTROPHORESIS/ COBALT, pharmacodynamics/ ENGLISH ABSTRACT/ FIBRINOGEN/ *FIBRINOGEN, metabolism/ HALF-LIFE/ IODINE ISOTOPES/ ISOTOPE LABELING/ RABBITS

4214. **Krantz S, Lober M:** Fibrinogen: biophysikalische, biochemische und biologische Eigenschaften.
Folia Haematol (Leipz) 98:1-30, 1972 (283 ref.) (Ger)
ADSORPTION/ AMINO ACID SEQUENCE/ CHEMISTRY/ CHEMISTRY, PHYSICAL/ ENGLISH ABSTRACT/ FIBRIN/ FIBRINOGEN/ FIBRINOGEN, isolation & purification/ FIBRINOGEN, metabolism/ FIBRINOGEN, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MOLECULAR CONFORMATION/ MOLECULAR

WEIGHT/ REVIEW/ SOLUBILITY/ THROMBIN, pharmacodynamics/ VISCOSITY

4215. **Krasowska I, Jakowicka M, Lewicka J, et al:** Przewlekła małopłytkowość samoistna u 18-letniej chorej obserwowana od okresu wczesnego dzieciństwa.
Wiad Lek 26:435-8, 1 Mar 73 (Pol)
ADOLESCENCE/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ HYSTERECTOMY/ SPLENECTOMY/ *THROMBOPENIA, therapy

4216. **Kratovskaia OV, Zalaldinova NB, Afaunova VI, et al:** Sdvigi v koaguliruiushchef i fibrinoliticheskof aktivnosti krovi pri primenenii nerobola u bol'nykh koronarnym ateroskleroz om.
Ter Arkh 44:29-31, Sep 72 (Rus)
AGED/ ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, drug therapy/ *BLOOD COAGULATION, drug effects/ CORONARY DISEASE, blood/ *CORONARY DISEASE, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN/ FIBRINOLYSIS, drug effects/ HEPARIN, therapeutic use/ HUMAN/ MALE/ METHANDROSTENOLONE, pharmacodynamics/ *METHANDROSTENOLONE, therapeutic use/ MIDDLE AGE/ PROTHROMBIN

4217. **Krause W, Heene D, Heinrich D, et al:** Untersuchungen zu einem neuen Fall von Dysfibrinogenämie.
Verh Dtsch Ges Inn Med 78:1651-3, 1972 (Ger)
ADULT/ *BLOOD COAGULATION DISORDERS, etiology/ FEMALE/ *FIBRINOGEN, analysis/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN

4218. **Krause W, Maus W:** Die Bedeutung der Reptilasezeit zur Frage des fetalen Fibrinogens.
Klin Wochenschr 51:94-5, 15 Jan 73 (Ger)
BLOOD/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FIBRIN/ FIBRINOGEN, analysis/ HUMAN/ INFANT, NEWBORN/ PROTHROMBIN TIME/ UMBILICAL CORD/ VENOMS

4219. **Krauss H, Davies FG, Odegaard OA, et al:** The morphology of the causal agent of bovine petechial fever (Ondiri disease). J Comp Pathol 82:241-6, Jul 72
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ CATTLE/ *CATTLE DISEASES, microbiology/ CELLULAR INCLUSIONS, microbiology/ FEVER, microbiology/ *FEVER, veterinary/ HEPARIN/ HISTOLOGICAL TECHNICS/ LEUKOCYTE COUNT/ MICROSCOPY, ELECTRON/ NEUTROPHILS, microbiology/ PHAGOCYTOSIS/ *RICKETTSIA, isolation & purification/ RICKETTSIAL DISEASES, microbiology/ *RICKETTSIAL DISEASES, veterinary/ SHEEP/ SHEEP DISEASES, microbiology/ VASCULAR DISEASES, microbiology/ *VASCULAR DISEASES, veterinary

4220. **Kraut J, Robertus JD, Birktoft JJ, et al:** The aromatic substrate binding site in subtilisin BPN' and its resemblance to chymotrypsin.
Cold Spring Harbor Symp Quant Biol 36:117-23, 1971
BENZYL COMPOUNDS/ BINDING SITES/ CHLORINE/ *CHYMOTRYPSIN/ EVOLUTION/ FORMIC ACIDS/ KETONES/ MODELS, STRUCTURAL/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ PEPTIDES/ PHENYLALANINE/ PROTEIN BINDING/ SUBTILISINS/ X-RAY DIFFRACTION

4221. **Kravchenko VA:** Sostoianie gemokoaguliatsionnoi aktivnosti pishchevaritel'nykh sokov pri iazvennoi bolezni. Ter Arkh 44:31-3, May 72 (Rus)
*BLOOD COAGULATION/ *DUODENUM, secretion/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ *GASTRIC JUICE/ HUMAN/ IN VITRO/ *INTESTINAL SECRETIONS/ *PANCREATIC JUICE/ *PEPTIC ULCER, physiopathology

4222. **Kraytman M:** Platelet size in thrombocytopenias and thrombocytosis of various origin.
Blood 41:587-98, Apr 73
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, cytology/ DOGS/ MITOMYCIN, pharmacodynamics/ NEPHRECTOMY/ SPLENECTOMY/ *THROMBOCYTOSIS, blood/ *THROMBOPENIA, blood

4223. **Krčílek A, Krčílková M:** Trombóza stehenní tepny p Seldingerově katetrizaci úspěšně léčená streptokinázou.
Cesk Radiol 27:106-10, Mar 73 (Cze)
AORTIC VALVE STENOSIS, therapy/ *CATHETERIZATION, adverse effects/ CHILD/ ENGLISH ABSTRACT/ *FEMORAL ARTERY/ HUMAN/ ILIAC ARTERY/ *STREPTOKINASE, therapeutic use/ THROMBOSIS, drug therapy/ *THROMBOSIS, etiology

4224. **Krčílek A, Smejkal V:** Léčebné účinky venotonik při klinickém farmakoterapeutickém hodnocení v dvojitých slepých studiích.
Cas Lek Cesk 112:930-3, 27 Jul 73 (Cze)
ADULT/ *AESCULUS, therapeutic use/ CLINICAL RESEARCH/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ *ERGOT ALKALOIDS, therapeutic use/ EVALUATION STUDIES/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *RUTIN, therapeutic use/ *THROMBOPHLEBITIS, drug therapy/ *VARICOSE VEINS, drug therapy

4225. **Kredich NM, Keenan BS, Foote LJ:** The purification and subunit structure of cysteine desulfhydrase from Salmonella typhimurium.
J Biol Chem 247:7157-62, 25 Nov 72
AMINO ACIDS, analysis/ AMMONIUM SULFATE/ CENTRIFUGATION, DENSITY GRADIENT/ CYSTATHIONINE/ CYSTEINE/ DANSYL COMPOUNDS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ HYDRO-LYASES, analysis/ KINETICS/ LYASES, analysis/ *LYASES, isolation & purification/ MOLECULAR WEIGHT/ *SALMONELLA TYPHIMURIUM, enzymology/ SPECTROPHOTOMETRY, ULTRAVIOLET/ STREPTOMYCIN/ TRYPSIN/ TRYPTOPHAN SYNTHETASE, analysis/ TRYPTOPHANASE, analysis

4226. **Kreibich G, Debey P, Sabatini DD:** Selective release of content from microsomal vesicles without membrane disassembly. I. Permeability changes induced by low detergent concentrations. J Cell Biol 58:436-62, Aug 73
ANIMAL EXPERIMENTS/ CENTRIFUGATION, DENSITY GRADIENT/ *DETERGENTS, pharmacodynamics/ ELECTRON TRANSPORT/ MALE/ MEMBRANES, drug effects/ MICROSCOPY, ELECTRON/ *MICROSOMES, LIVER, drug effects/ MICROSOMES, LIVER, enzymology/ MICROSOMES, LIVER, metabolism/ PEPTIDE HYDROLASES, pharmacodynamics/ PEPTIDES, metabolism/ PERMEABILITY/ PHOSPHOLIPIDS, metabolism/ PROTEINS, metabolism/ RATS/ RIBOSOMES, metabolism/ TRITIUM

4227. **Kreil G:** Biosynthesis of melittin, a toxic peptide from bee venom. Amino-acid sequence of the precursor.
Eur J Biochem 33:558-66, 15 Mar 73
ALANINE, analysis/ AMIDES, analysis/ AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ ASPARAGINE, analysis/ *BEES/ CARBON ISOTOPES/ CATHEPSIN/ CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS, PAPER/ EXOCRINE GLANDS, analysis/ GLUTAMATES, analysis/ GLUTAMINE, analysis/ GLYCINE, metabolism/ HYDROLYSIS/ PEPSIN/ PEPTIDES, analysis/ PROLINE, analysis/ *PROTEIN PRECURSORS, analysis/ THREONINE, metabolism/ TRITIUM/ TRYPSIN/ *VENOMS, analysis

4228. **Kreindler A, Marcovici G:** Hematoma of the IVth ventricle following a malformation of cerebellar vessels. Rev Roum Neurol 9:101-3, 1972
AGED/ *CEREBELLUM, abnormalities/ *CEREBRAL HEMORRHAGE, etiology/ *CEREBRAL VENTRICLES/ *HEMATOMA, etiology/ HUMAN/ HYPERTENSION, complications/ MALE

4229. **Kreindler A, Marcovici G, Florescu I:** Histoenzymologic and biochemical investigations into the nervous tissue round an experimentally-induced cerebral hemorrhagic focus. Rev Roum Neurol 9:313-9, 1972
ADENOSINE TRIPHOSPHATASE, analysis/ ALCOHOL OXIDOREDUCTASES, analysis/ ANIMAL EXPERIMENTS/ *BRAIN, enzymology/ CATS/ *CEREBRAL HEMORRHAGE, enzymology/ CEREBRAL HEMORRHAGE, pathology/ HEMATOMA, enzymology/ HEMATOMA, pathology/ OXIDOREDUCTASES, analysis/ PEPTIDE HYDROLASES, analysis/ PHOSPHATASES, analysis/ TIME FACTORS

4230. **Kreithen H:** Allergy in adverse drug reactions. Semin Drug Treat 2:431-44, Spring 73 (60 ref.)
ABNORMALITIES, DRUG-INDUCED/ ADULT/ AGE FACTORS/ AGED/ ANEMIA, APLASTIC, etiology/ ANEMIA, HEMOLYTIC, etiology/ ANEMIA, MACROCYTIC, etiology/ ASPIRIN, adverse effects/ CROSS REACTIONS/ DESENSITIZATION/ *DRUG HYPERSENSITIVITY/ DRUG HYPERSENSITIVITY, diagnosis/ DRUG HYPERSENSITIVITY, prevention & control/ DRUG INTERACTIONS/ DRUG THERAPY, adverse effects/ FEVER, etiology/ GENETICS/ HUMAN/ INSULIN, adverse effects/ LIVER DISEASES, etiology/ MIDDLE AGE/ REVIEW/ SERUM SICKNESS/ SKIN MANIFESTATIONS/ THROMBOPENIA, etiology/ TIME FACTORS/ TOXICOLOGY/ VASCULAR DISEASES, etiology

4231. **Kreitman G:** The effect of dextran on the microcirculation. Bull Hosp Joint Dis 34:126-34, Apr 73
BLOOD FLOW VELOCITY/ BLOOD PROTEINS/ BLOOD VISCOSITY, drug effects/ *DEXTRAN, pharmacodynamics/ ERYTHROCYTE AGGREGATION, INTRAVASCULAR, prevention & control/ ERYTHROCYTES/ HUMAN/ *MICROCIRCULATION, drug effects/ WOUND HEALING, drug effects

4232. **Kretsinger RH, Nockolds CE, Coffee CJ, et al:** The structure of a calcium-binding protein from carp muscle.
Cold Spring Harbor Symp Quant Biol 36:217-20, 1971
ALBUMINS/ ALBUMINS, analysis/ AMINO ACID SEQUENCE/ BINDING SITES/ *CALCIUM/ CARBON ISOTOPES/ *CARRIER PROTEINS/ CARRIER PROTEINS, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ CYPRINIDAE/ MERCURY/ MODELS, STRUCTURAL/ *MUSCLE PROTEINS/ MUSCLE PROTEINS, analysis/ ORGANOMETALLIC COMPOUNDS/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PROTEIN BINDING/ PROTEIN CONFORMATION/ THERMOLYSIN/ TRYPSIN/ UREA/ X-RAY DIFFRACTION

4233. **Kreuger A, Sjölin S:** Idiopatisk trombocytopen purpura hos barn.
Lakartidningen 70:190-4, 17 Jan 73 (8we)
ACUTE DISEASE/ ADOLESCENCE/ CEREBRAL HEMORRHAGE, etiology/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ INFANT/ MALE/ PROGNOSIS/ *PURPURA, THROMBOPENIC/ RECURRENCE/ TIME FACTORS

4234. **Kreuziger KP, Gerl D, Zorn C:**
Thrombozytenfunktionstest während und nach gynäkologischen Operationen.
Dtsch Gesundheitsw 27:1281-3, 6 Jul 72 (Ger)
*BLOOD PLATELETS, physiology/ ENGLISH ABSTRACT/ FEMALE/ GYNECOLOGIC DISEASES, blood/ *GYNECOLOGIC DISEASES, surgery/ HUMAN/ PLATELET ADHESIVENESS

4235. **Kristensen JK, Holm HH, Rasmussen SN, et al:** Ultrasonically guided percutaneous puncture of renal masses. Scand J Urol Nephrol 6:Suppl 15:49-56, 1972
ADENOCARCINOMA, pathology/ ADULT/ AGED/ *BIOPSY, NEEDLE/ BIOPSY, NEEDLE, adverse effects/ BIOPSY, NEEDLE, instrumentation/ CARCINOMA, pathology/ HEMATOMA, etiology/ HUMAN/ *KIDNEY, CYSTIC, pathology/ *KIDNEY NEOPLASMS, pathology/ METHODS/ MIDDLE AGE/ TRANSDUCERS/ *ULTRASONICS

4236. **Kritchevsky D, Kim HK, Tepper SA:** Effect of colestipol (U-26,597A) on experimental atherosclerosis in rabbits. Proc Soc Exp Biol Med 142:185-8, Jan 73
ANIMAL EXPERIMENTS/ ANTICHOLESTEREMIC AGENTS, administration & dosage/ *ANTICHOLESTEREMIC AGENTS, pharmacodynamics/ ANTICHOLESTEREMIC AGENTS, therapeutic use/ AORTA, THORACIC, pathology/ ARTERIOSCLEROSIS, chemically induced/ ARTERIOSCLEROSIS, drug therapy/ ARTERIOSCLEROSIS, mortality/ ARTERIOSCLEROSIS, pathology/ *ARTERIOSCLEROSIS, prevention & control/ BODY WEIGHT/ CHOLESTEROL, analysis/ DIET, ATHEROGENIC/ ETHERS, CYCLIC, administration & dosage/ *ETHERS, CYCLIC, pharmacodynamics/ ETHERS, CYCLIC, therapeutic use/ FATTY ACIDS, analysis/ LIVER, analysis/ LIVER, pathology/ MALE/ ORGAN WEIGHT/ POLYAMINES/ *POLYAMINES, pharmacodynamics/ POLYAMINES, therapeutic use/ RABBITS

4237. **Kritchevsky D, Tepper SA:** Effect of SaH 42-348, an analog of clofibrate, on lipid metabolism in rats. Arzneim Forsch 23:858-9, Jun 73
ANIMAL EXPERIMENTS/ *ANTICHOLESTEREMIC AGENTS, pharmacodynamics/ BODY WEIGHT, drug effects/ CHOLESTEROL, metabolism/ CHOLESTEROL, DIETARY/ *CLOFIBRATE, pharmacodynamics/ DIET, ATHEROGENIC/ *GLYCOLATES, pharmacodynamics/ *LIPIDS, metabolism/ MALE/ MITOCHONDRIA, LIVER, drug effects/ PHENOLS, pharmacodynamics/ PHOSPHOLIPIDS, metabolism/ PIPERIDINES, pharmacodynamics/ RATS/ TRIGLYCERIDES, metabolism

4238. **Krizsa F, Kovács Z, Dobay E, et al:** The effect of serum protein fractions of the newborn on the thrombocytopoiesis of mice.
Acta Haematol (Basel) 48:24-7, 1972
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ BLOOD PROTEIN ELECTROPHORESIS/ *BLOOD PROTEINS/ ELECTROPHORESIS, DISK/ *EXCHANGE TRANSFUSION/ HUMAN/ HYPERBILIRUBINEMIA, therapy/ IMMUNOELECTROPHORESIS/ *INFANT, NEWBORN/ MICE/ MICROSCOPY, PHASE CONTRAST

4239. **Krizsa F, Kovács Z, Dobay E:** Effect of vincristine on the megakaryocyte system in mice.
J Med (Basel) 4:12-8, 1973
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, drug effects/ DOSE-RESPONSE RELATIONSHIP, DRUG/ INJECTIONS, INTRAPERITONEAL/ *MEGAKARYOCYTES, drug effects/ MICE/ *THROMBOCYTOSIS, chemically induced/ THROMBOPENIA, chemically induced/ TIME FACTORS/ VINCRISTINE, administration & dosage/ *VINCRISTINE, pharmacodynamics

4240. **Kröger A:** Die Funktion des Ubichinons und die molekulare Organisation der Atmungskette.
Hoppe Seylers Z Physiol Chem 353:685-6, May 72 (Ger)
ANTIMYCIN A, pharmacodynamics/ BACTERIA, metabolism/ BINDING SITES/ CELL MEMBRANE, enzymology/ CYTOCHROMES, metabolism/ KINETICS/ MEMBRANES, enzymology/ MITOCHONDRIA, enzymology/ MITOCHONDRIA, metabolism/ OXIDATION-REDUCTION/ *OXIDATIVE PHOSPHORYLATION/ OXIDOREDUCTASES, metabolism/ *UBIQUINONE, physiology/ VITAMIN K, physiology

4241. **Krohn K, Sherman L, Welch M:** Studies of

radioiodinated fibrinogen. I. Physicochemical properties of the ICl, chloramine-T, and electrolytic reaction products.
Biochim Biophys Acta 285:404-13, 28 Dec 72
ANIMAL EXPERIMENTS/ *CHLORAMINES/ CHLORIDES/ DOGS/ ELECTROLYSIS/ *FIBRINOGEN/ GEL FILTRATION/ HUMAN/ HYDROLYSIS/ IODIDES/ *IODINE/ IODINE ISOTOPES/ ISOTOPE LABELING/ KINETICS/ MOLECULAR WEIGHT/ SODIUM/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TYROSINE

4242. **Krol PM, Farkas-Himsley H:** Mode of action of vibriocin: effects on membrane permeability and transport. Microbios 6:199-211, Dec 72
AMINO ACIDS, metabolism/ AZIDES, pharmacodynamics/ BACTERIOCINS, biosynthesis/ *BACTERIOCINS, pharmacodynamics/ BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ CARBON ISOTOPES/ CELL MEMBRANE, drug effects/ *CELL MEMBRANE PERMEABILITY, drug effects/ CHLORAMPHENICOL, pharmacodynamics/ COLD/ DINITROPHENOLS, pharmacodynamics/ DRUG RESISTANCE, MICROBIAL/ POTASSIUM, metabolism/ PUROMYCIN, pharmacodynamics/ THYMIDINE, metabolism/ TRITIUM/ TRYPSIN, pharmacodynamics/ URACIL, metabolism/ VALINE, metabolism/ *VIBRIO, drug effects/ VIBRIO COMMA, cytology/ VIBRIO COMMA, drug effects/ VIBRIO COMMA, growth & development/ VIBRIO COMMA, metabolism

4243. **Krönig B, Weihrauch T, Fiegel P, et al:** Bedrohliche Reaktion bei diskontinuierlicher Rifampicingabe.
Verh Dtsch Ges Inn Med 78:1617-9, 1972 (Ger)
ADULT/ DRUG HYPERSENSITIVITY/ HUMAN/ JAUNDICE, chemically induced/ KIDNEY FAILURE, ACUTE, chemically induced/ MALE/ RIFAMPIN, administration & dosage/ *RIFAMPIN, adverse effects/ THROMBOPENIA, chemically induced

4244. **Kroshkina LM:** Uchastie sosudisto-trombotsitarnoĭ sistemy v gemorragicheskom sindrome pri bolezni Botkina u deteĭ.
Vopr Okhr Materin Det 17:17-21, Oct 72 (Rus)
ADOLESCENCE/ *BLOOD PLATELET DISORDERS/ CAPILLARY PERMEABILITY/ CHILD/ CHILD, PRESCHOOL/ CLOT RETRACTION/ ENGLISH ABSTRACT/ FEMALE/ *HEMORRHAGIC DIATHESIS/ *HEPATITIS, INFECTIOUS, blood/ HUMAN/ INFANT/ MALE

4245. **Krosse C, Breidenbach H:** Pathogenese und Klinik angeborener Thrombozytopenien.
Kinderaerztl Prax 40:295-300, Jul 72 (Ger)
ABNORMALITIES, MULTIPLE/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FEMALE/ HEMANGIOMA, complications/ HUMAN/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, etiology/ MATERNAL-FETAL EXCHANGE/ MEGAKARYOCYTES/ PREGNANCY/ PURPURA, THROMBOPENIC, complications/ RADIUS, abnormalities/ SKIN NEOPLASMS, complications/ SYNDROME/ *THROMBOPENIA, congenital/ THROMBOPENIA, diagnosis/ THROMBOPENIA, etiology/ THROMBOPENIA, immunology

4246. **Krstić C, Ril A:** Neki problemi dijagnostike i prevencije postoperativnih tromboza dubokih vena.
Med Pregl 25:339-43, 1972 (Cro)
ADULT/ ANTICOAGULANTS, therapeutic use/ HUMAN/ *POSTOPERATIVE COMPLICATIONS/ POSTOPERATIVE COMPLICATIONS, diagnosis/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOPHLEBITIS/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, prevention & control/ *THROMBOSIS/ THROMBOSIS, diagnosis/ THROMBOSIS, prevention & control

4247. **Kruchinina NA, Chernigovskaia SV:** K voprosu o roli maniakal'no-depressivnykh sostoianii v razvitii ishemicheskoi bolezni serdtsa.
Kardiologiia 13:56-61, Mar 73 (Rus)
ADULT/ *ANGINA PECTORIS, complications/ BLOOD COAGULATION/ BRADYCARDIA, complications/ CHOLESTEROL, blood/ *CORONARY DISEASE, complications/ ENGLISH ABSTRACT/ EXERTION/ HUMAN/ HYPERTENSION, complications/ LIPOPROTEINS, blood/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, complications/ OCCUPATIONS/ PHOSPHOLIPIDS, blood/ PSYCHOSES, MANIC-DEPRESSIVE, blood/ *PSYCHOSES, MANIC-DEPRESSIVE, complications/ STRESS, PSYCHOLOGICAL

4248. **Krug H, Dziewolska M, Sidor H, et al:** Wewnątrznaczyniowa aktywacja krzepnięcia (DIC) w marskości wątroby.
Pol Arch Med Wewn 50:243-9, Mar 73 (Pol)
ADULT/ AGED/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ *LIVER CIRRHOSIS, blood/ LIVER CIRRHOSIS, complications/ MIDDLE AGE/ PROTHROMBIN TIME

4249. **Krug H, Gluszek J:** Koagulopatia w guzkowym zapaleniu tętnic.
Pol Arch Med Wewn 49:591-5, Dec 72 (Pol)
ADULT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ENGLISH ABSTRACT/ FIBRIN, metabolism/ FIBRINOLYSIS/ *GLOMERULONEPHRITIS, etiology/ HUMAN/ KIDNEY GLOMERULUS, metabolism/ MIDDLE AGE/ *PERIARTERITIS NODOSA, complications/ PROTHROMBIN TIME

4250. **Krug H, Luczak J, Tumalewicz W, et al:** Leczenie trombolityczne zatorów obwodowych w endocarditis lenta w świetle własnej obserwacji.
Kardiol Pol 15:347-52, 1972 (Pol)
EMBOLISM, complications/ *EMBOLISM, drug therapy/ EMBOLISM, surgery/ *ENDOCARDITIS, BACTERIAL, complications/ ENGLISH ABSTRACT/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ *STREPTOKINASE, therapeutic use

4251. **Krug K:** Zur Therapie der idiopathischen thrombozytopenischen Purpura mit Immunsuppressiva.
Dtsch Gesundheitsw 28:444-8, 2 Mar 73 (Ger)
ACTINOMYCIN, therapeutic use/ ADOLESCENCE/ ADULT/ AZATHIOPRINE, therapeutic use/ CYCLOPHOSPHAMIDE, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, adverse effects/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ LEUKEMIA, chemically induced/ MALE/ MIDDLE AGE/ *PURPURA, THROMBOPENIC, drug therapy

4252. **Krupa J, Kalinowski M:** Uber den Einfluss der Konservierungsdauer auf die elektrische Leitfähigkeit des Erythrozytenplasmas.
Folia Haematol (Leipz) 99:273-8, 1973 (Ger)
*BLOOD PRESERVATION/ CYTOPLASM/ *ELECTRIC CONDUCTIVITY/ ENGLISH ABSTRACT/ *ERYTHROCYTES/ ERYTHROCYTES, cytology/ HUMAN/ PLASMA/ TIME FACTORS

4253. **Krutchoff DJ, Simon WJ:** How to test for bleeding time.
Dent Assist 42:13-6, Jun 73
BLOOD COAGULATION TESTS/ SPECIAL LIST DENTAL

4254. **Krutiakov VM:** Priamoe dokazatel'stvo nesushchestvennosti deatsetilirovaniia pri sopostavlenii amidaznoĭ i esteraznoĭ aktivnosteĭ monoatsetiltripsina.
Biokhimiia 37:1091-4, Sep-Oct 72 (Rus)
ACETYLATION/ *AMIDOHYDROLASES/ ENGLISH ABSTRACT/ *ESTERASES/ *TRYPSIN

4255. **Krylov AA:** O mekhanizmakh provotsiruiushchego deĭstviia alkogolia pri razvitii infarkta miokarda.
Klin Med (Mosk) 51:60-3, Apr 73 (Rus)
ADULT/ *ALCOHOLIC INTOXICATION, complications/ BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ FIBRINOGEN/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, blood/ *MYOCARDIAL INFARCT, chemically induced/ MYOCARDIAL INFARCT, diagnosis

4256. **Kryshtal'skaia LR:** Krovotechenila iz iazy dvenadtsatiperstnoĭ kishki.
Vestn Khir 108:18-20, Jul 72 (Rus)
*DUODENAL ULCER, complications/ DUODENUM, enzymology/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS/ HUMAN/ MIDDLE AGE/ *PEPTIC ULCER HEMORRHAGE/ PEPTIC ULCER HEMORRHAGE, drug therapy/ PEPTIC ULCER HEMORRHAGE, etiology/ TRYPSIN INHIBITORS, therapeutic use

4257. **Krzanowska H:** Rapidity of removal in vitro of the cumulus oophorus and the zona pellucida in different strains of mice.
J Reprod Fertil 31:7-14, Oct 72
ANIMAL EXPERIMENTS/ FEMALE/ FERTILIZATION/ *GRAAFIAN FOLLICLE, cytology/ HYALURONIDASE/ IN VITRO/ MICE/ MICE, INBRED C57BL/ MICE, INBRED CBA/ MICE, INBRED STRAINS/ *OVUM/ PRONASE/ SPERMATOZOA/ TIME FACTORS/ TRYPSIN

4258. **Krzywanek HJ, Breddin HK:** Abtrennung und Einengung des plättchenaggregierenden Plasmafaktors.
Verh Dtsch Ges Inn Med 77:152-4, 1971 (Ger)
*BLOOD COAGULATION FACTORS, isolation & purification/ *BLOOD PLATELETS, analysis/ HUMAN/ *PLATELET ADHESIVENESS

4259. **Krzywanek HJ, Breddin K:** Streptokinasebehandlung des frischen Herzinfarkts. Ergebnisse einer Doppelblindstudie.
Verh Dtsch Ges Inn Med 78:1042-4, 1972 (Ger)
AGED/ CLINICAL RESEARCH/ HEPARIN, therapeutic use/ HUMAN/ MIDDLE AGE/ *MYOCARDIAL INFARCT, drug therapy/ PLACEBOS/ *STREPTOKINASE, therapeutic use

4260. **Kubisz P:** Vliv rozpustných komplexů na některé funkce destiček.
Vnitr Lek 18:833-7, Sep 72 (Cze)
ACID PHOSPHATASE, metabolism/ BLOOD COAGULATION FACTORS/ BLOOD PLATELETS, drug effects/ ENGLISH ABSTRACT/ *FIBRIN, pharmacodynamics/ *FIBRINOGEN, pharmacodynamics/ HUMAN/ *PLATELET ADHESIVENESS, drug effects/ SOLUBILITY

4261. **Kubisz P:** Aktivita destičkových kyselých fosfatáz u některých poruch destiček.
Vnitr Lek 18:958-68, Oct 72 (Cze)
*ACID PHOSPHATASE, blood/ *BLOOD PLATELET DISORDERS, enzymology/ *BLOOD PLATELETS, enzymology/ ENGLISH ABSTRACT/ HEMOSTASIS/ HUMAN/ PLATELET ADHESIVENESS

4262. **Kubisz P:** Myeloproliferative disorders and platelet functions.
Folia Haematol (Leipz) 99:202-11, 1973
ACID PHOSPHATASE, blood/ ADENOSINE DIPHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ BLOOD COAGULATION FACTORS, analysis/ *BLOOD PLATELET DISORDERS, etiology/ BLOOD PLATELETS, enzymology/ EPINEPHRINE, pharmacodynamics/ HEMOSTASIS/ HUMAN/ LEUKEMIA, MYELOCYTIC, blood/ *MYELOPROLIFERATIVE DISORDERS, complications/ PLATELET ADHESIVENESS

4263. **Kubisz P, Caen J:** Interaction of alpha and beta receptor blocking agents with platelet release and availability reaction induced by ADP, adrenaline and collagen.
Pathol Biol (Paris) Suppl:34-40, Dec 72
ACID PHOSPHATASE, metabolism/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ *ADRENERGIC ALPHA RECEPTOR BLOCKADERS, pharmacodynamics/ *ADRENERGIC BETA RECEPTOR BLOCKADERS, pharmacodynamics/ BLOOD COAGULATION, drug effects/ *BLOOD COAGULATION FACTORS/ *BLOOD PLATELETS, drug effects/ CELL AGGREGATION, drug effects/ COLLAGEN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ HUMAN/ IN VITRO

4264. **Kubisz P, Petríček J:** Vplyv prostaglandínu E 1 na uvoľňovanie doštičkového faktora 4 (DF 4.
Bratisl Lek Listy 58:408-12, Oct 72 (Slo)
*BLOOD COAGULATION FACTORS, antagonists & inhibitors/ ENGLISH ABSTRACT/ HUMAN/ PLATELET ADHESIVENESS, drug effects/ *PROSTAGLANDINS, pharmacodynamics

4265. **Kubisz P, Špíra E:** Defibrinační syndromy v porodnictví a jejich diferenciální diagnostika.
Cesk Gynekol 38:401-3, Jul 73 (Cze)
ADULT/ BLOOD COAGULATION DISORDERS, complications/ *BLOOD COAGULATION DISORDERS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOGEN/ *HEMORRHAGE, POSTPARTUM, diagnosis/ HEMORRHAGE, POSTPARTUM, etiology/ HUMAN/ PREGNANCY/ SYNDROME

4266. **Kubli F:** Der septische Abort.
Med Klin 68:500-4, 20 Apr 73 (Ger)
*ABORTION, SEPTIC/ ABORTION, SEPTIC, diagnosis/ ABORTION, SEPTIC, physiopathology/ ABORTION, SEPTIC, surgery/ ABORTION, SEPTIC, therapy/ ADRENAL CORTEX HORMONES, therapeutic use/ BLOOD COAGULATION, drug effects/ BLOOD VESSELS, drug effects/ CHLORAMPHENICOL, therapeutic use/ CLOSTRIDIUM/ ENDOTOXINS, pharmacodynamics/ FEMALE/ HUMAN/ HYSTERECTOMY/ INFUSIONS, PARENTERAL/ ISOPROTERENOL, therapeutic use/ MICROCIRCULATION, drug effects/ PENICILLIN, therapeutic use/ PLASMA SUBSTITUTES, therapeutic use/ PREGNANCY/ TOXINS, pharmacodynamics

4267. **Kubodera A, Shikita M, Akaboshi S, et al:** Effects of potato kallikrein inhibitor and S-methyl-L-cysteine sulfoxide on plasma and liver kininogen levels of x-irradiated rats and effectiveness of these materials as radioprotectors.
J Radiat Res (Tokyo) 14:128-35, Jun 73
ANIMAL EXPERIMENTS/ *CYSTEINE, pharmacodynamics/ CYSTEINE, therapeutic use/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ KININOGENS, blood/ KININOGENS, metabolism/ *KININS, metabolism/ LIVER, metabolism/ MALE/ MICE/ *PROTEIN PRECURSORS, metabolism/ RADIATION INJURIES, EXPERIMENTAL, drug therapy/ *RADIATION INJURIES, EXPERIMENTAL, metabolism/ *RADIATION-PROTECTIVE AGENTS, pharmacodynamics/ RADIATION-PROTECTIVE AGENTS, therapeutic use/ RATS/ SULFOXIDES

4268. **Kuboki Y, Tanzer ML, Mechanic GL:** Isolation of polypeptides containing the intermolecular cross-link , '-dihydroxylysinonorleucine from dentin collagen.
Arch Biochem Biophys 158:106-15, Sep 73
AMINO ACIDS, analysis/ AUTOANALYSIS/ BOROHYDRIDES/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ *COLLAGEN, analysis/ COLLAGEN, isolation & purification/ CYANOGEN BROMIDE/ DENTIN/ *DENTIN, analysis/ *DIPEPTIDES, analysis/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ *LYSINE, analysis/ NORLEUCINE, analysis/ OXIDATION-REDUCTION/ *PEPTIDES, analysis/ PERIODIC ACIDS/ PROTEIN CONFORMATION/ TRITIUM/ TRYPSIN

4269. **Kucera M, Turner RB:** Persistence of a diurnal rhythm of protease activity after lethal heat treatment of Anagasta eggs. Nature [New Biol] 240:287-8, 27 Dec 72
ANIMAL EXPERIMENTS/ *CIRCADIAN RHYTHM/ *HEAT/ HYDROGEN-ION CONCENTRATION/ *INSECTS, enzymology/ *OVUM, enzymology/ *PEPTIDE HYDROLASES, metabolism/ TIME FACTORS

4270. **Kucera M, Turner RB:** Changes in activity of proteases during embryogenesis of Anagasta kuehniella (Insecta).
Comp Biochem Physiol [B] 44:577-85, 15 Feb 73
AGING/ ANIMAL EXPERIMENTS/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HEMOGLOBIN/ HYDROGEN-ION CONCENTRATION/ *INSECTS, enzymology/ ISOENZYMES, metabolism/ METAMORPHOSIS, BIOLOGICAL/ OVUM, enzymology/ OVUM, growth & development/ *PEPTIDE HYDROLASES, metabolism/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TEMPERATURE

4271. **Kuczenski R:** Rat brain tyrosine hydroxylase. Activation by limited tryptic proteolysis.
J Biol Chem 248:2261-5, 10 Apr 73
ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ BINDING, COMPETITIVE/ *BRAIN, enzymology/ CATTLE/ CENTRIFUGATION, DENSITY GRADIENT/ CHONDROITIN, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENZYME ACTIVATION/ HEPARIN, pharmacodynamics/ ISOENZYMES/ KINETICS/ MALE/ MOLECULAR WEIGHT/ ORGAN SPECIFICITY/ PANCREAS, enzymology/ PROTEIN BINDING/ PROTEIN CONFORMATION/ PTERIDINES, pharmacodynamics/ RATS/ SOLUBILITY/ SULFURIC ACIDS, pharmacodynamics/ TRITIUM/ *TRYPSIN, pharmacodynamics/ TYROSINE HYDROXYLASE, antagonists & inhibitors/ *TYROSINE HYDROXYLASE, metabolism

4272. **Kuczenski R:** Soluble, membrane-bound, and detergent-solubilized rat striatal tyrosine hydroxylase. pH-dependent cofactor binding.
J Biol Chem 248:5074-80, 25 Jul 73
ANIMAL EXPERIMENTS/ BINDING SITES/ CAUDATE NUCLEUS, enzymology/ COLD/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG STABILITY/ *GANGLIA, BASAL, enzymology/ GLOBUS PALLIDUS, enzymology/ HEPARIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MALE/ MEMBRANES, enzymology/ PROTEIN CONFORMATION/ *PTERIDINES, metabolism/ RATS/ SOLUBILITY/ SURFACE-ACTIVE AGENTS, administration & dosage/ *SURFACE-ACTIVE AGENTS, pharmacodynamics/ SYNAPTIC MEMBRANES, enzymology/ TIME FACTORS/ TYROSINE/ TYROSINE HYDROXYLASE, antagonists & inhibitors/ *TYROSINE HYDROXYLASE, metabolism

4273. **Kudrewicz-Hubicka Z, Baranowska M, Czernow I, et al:** Wpływ alkoholu na zachowanie się nietórych glikoproteidów surowicy krwi.
Pol Tyg Lek 27:1917-20, 4 Dec 72 (Pol)
ADOLESCENCE/ ADULT/ AGED/ ALCOHOL, ETHYL, pharmacodynamics/ ENGLISH ABSTRACT/ *GLYCOPROTEINS, blood/ HUMAN/ MALE/ MIDDLE AGE/ MUCOPROTEINS, blood/ NEURAMINIC ACIDS, blood/ TRYPSIN INHIBITORS, blood

4274. **Kudriashov BA, Bazar'ian GG, Liapina LP:** Neénzimaticheskaia fibrinoliticheskaia aktivnost' plazmy krovi u zhivotnykh pri khronicheskom stresse.
Kardiologiia 12:100-4, Oct 72 (Rus)
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ ARTERIOSCLEROSIS, blood/ *ARTERIOSCLEROSIS, complications/ CHRONIC DISEASE/ FIBRINOGEN, metabolism/ *FIBRINOLYSIS/ HEPARIN, diagnostic use/ MALE/ RATS/ *STRESS, blood

4275. **Kudriashov BA, Liapina LA:** Vozniknovenie i fiziologicheskoe znachenie aktivirovannogo plazminogena i plazmina pri vozbuzhdenii protivosvertyvaiushchei sistemy.
Vopr Med Khim 19:136-40, Mar-Apr 73 (Rus)
AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ BLOOD PROTEINS, analysis/ ENGLISH ABSTRACT/ FIBRINOLYSIN, analysis/ FIBRINOLYSIN, antagonists & inhibitors/ FIBRINOLYSIN, chem synthesis/ *FIBRINOLYSIN, physiology/ FIBRINOLYSIS/ HEPARIN, blood/ HEPARIN, chem synthesis/ HEPARIN, physiology/ IN VITRO/ INJECTIONS, INTRAVENOUS/ METHODS/ PLASMINOGEN, blood/ PLASMINOGEN, chem synthesis/ *PLASMINOGEN, physiology/ RATS/ THROMBIN, pharmacodynamics

4276. **Kudriashov BA, Lomovskaia EG, Shapiro FB, et al:** Vliianie adrenalektomii i vvedeniia kortikosteroidov na fibrinoliticheskuiu aktivnost' kompleksnykh soedinenii geparina v krovi pri immobilizatsii.
Fiziol Zh SSSR 59:1108-13, Jul 73 (Rus)
*ADRENALECTOMY/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ EPINEPHRINE, blood/ FEMALE/ FIBRINOGEN, metabolism/ FIBRINOLYSIN, metabolism/ *FIBRINOLYSIS/ *HEPARIN, blood/ HYDROCORTISONE, pharmacodynamics/ IMMOBILIZATION/ PLASMINOGEN, metabolism/ RATS

4277. **Kudriashov BA, Podol'skaia OV, Liapina LA:** Obrazovanie kompleksa noradrenalin-geparin i adrenalin-geparin v krovi molodykh liudeí pri émotsional'nom i intellekutal'nom napriazhenii.
Vopr Med Khim 18:385-90, Jul-Aug 72 (Rus)
ADULT/ *BLOOD COAGULATION/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ *EPINEPHRINE, blood/ FATIGUE/ FEMALE/ FIBRINOGEN, blood/ FIBRINOLYSIS/ *HEPARIN, blood/ HUMAN/ MALE/ *NOREPINEPHRINE, blood/ *STRESS, PSYCHOLOGICAL/ STUDENTS/ THROMBELASTOGRAPHY

4278. **Kudrjaschow BA, Liapina LA:** Entstehung und physiologische Bedeutung des "aktivierten" Plasminogens und Plasmins bei der Ingangsetzung des Antikoagulationssystems.
Folia Haematol (Leipz) 98:313-21, 1972 (Ger)
AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *FIBRINOLYSIN, physiology/ *FIBRINOLYSIS/ FIBRINOLYSIS, drug effects/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ *PLASMINOGEN, physiology/ RATS/ THROMBIN, physiology

4279. **Kudrjashov BA:** Humorale Faktoren des antikoagulatorischen Systems.
Folia Haematol (Leipz) 98:391-6, 1972 (Ger)
ANIMAL EXPERIMENTS/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ FIBRINOLYSIN, physiology/ *FIBRINOLYSIS/ HEPARIN, physiology/ PLASMINOGEN, physiology/ RATS/ *THROMBIN

4280. **Kudrjashov BA, Ljapina LA, Kovaleva TN:** Die Bedeutung des Thrombins und Adrenalins für die Ingangsetzung des sekundären Antikoagulationssystems (SAK) bei Versuchstieren.
Folia Haematol (Leipz) 99:76-84, 1973 (Ger)
ADRENERGIC ALPHA RECEPTOR BLOCKADERS, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ *EPINEPHRINE, pharmacodynamics/ FIBRINOLYSIS/ HEPARIN/ MALE/ RATS/ *THROMBIN, pharmacodynamics

4281. **Kühn H, Cook JH, Dreyer WJ:** Phosphorylation of rhodopsin in bovine photoreceptor membranes. A dark reaction after illumination.
Biochemistry 12:2495-502, 19 Jun 73

*ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ CATTLE/ DARKNESS/ FREEZING/ HISTONES, metabolism/ LIGHT/ MAGNESIUM, pharmacodynamics/ MEMBRANES, enzymology/ MEMBRANES, metabolism/ MICROPORE FILTERS/ MODELS, CHEMICAL/ PHOSPHORUS ISOTOPES/ *PHOSPHOTRANSFERASES, metabolism/ PHOTIC STIMULATION/ PHOTOCHEMISTRY/ PHOTOPHOSPHORYLATION/ PROTAMINES, metabolism/ PROTEIN KINASE, metabolism/ *RETINAL PIGMENTS, metabolism/ RODS AND CONES, cytology/ RODS AND CONES, enzymology/ *RODS AND CONES, metabolism/ RODS AND CONES, physiology/ SODIUM DODECYL SULFATE

4282. **Kühn HA:** Rationelle Leberfunktionsprüfung.
Med Klin 68:539-44, 27 Apr 73 (Ger)
ALANINE AMINOTRANSFERASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ AUSTRALIA ANTIGEN, analysis/ BILIRUBIN, analysis/ BIOPSY/ BLOOD COAGULATION TESTS/ BLOOD PROTEIN ELECTROPHORESIS/ CHOLINESTERASE, blood/ DIAGNOSIS, DIFFERENTIAL/ ENZYME TESTS/ FETAL GLOBULINS, analysis/ GLUTAMYL TRANSPEPTIDASE, blood/ HUMAN/ LACTATE DEHYDROGENASE, blood/ *LIVER DISEASES, diagnosis/ *LIVER FUNCTION TESTS/ LIVER NEOPLASMS, diagnosis/ SULFOBROMOPHTHALEIN, diagnostic use/ THYMOL, diagnostic use/ UROBILINOGEN, urine

4283. **Kuhns WJ, Pann C, Bramson S:** Differentiation of blood group H in a human transformed cell line.
Am J Pathol 69:389-406, Dec 72
AGGLUTINATION TESTS/ *BLOOD GROUPS/ CARBOHYDRATES/ CLONE CELLS/ FLUORESCENT ANTIBODY TECHNIC/ GENETICS, BIOCHEMICAL/ *HELA CELLS/ HUMAN/ *ISOANTIGENS/ KARYOTYPING/ NEURAMINIDASE, pharmacodynamics/ PEPSIN, pharmacodynamics/ PRONASE, pharmacodynamics/ TRYPSIN, pharmacodynamics

4284. **Kuklina AS, Leĭbzon ND, Monakova EA, et al:** Tromboémbolila legochnoĭ arterii i sostoianie svertyvaemosti krovi pri tiazheloĭ cherepno-mozgovoĭ travme.
Vopr Neirokhir 36:25-8, May-Jun 72 (Rus)
ADOLESCENCE/ ADULT/ AGED/ *ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ *BLOOD COAGULATION DISORDERS, etiology/ BRAIN INJURIES, ACUTE, blood/ *BRAIN INJURIES, ACUTE, complications/ BRAIN INJURIES, ACUTE, metabolism/ CONTUSIONS/ ENGLISH ABSTRACT/ FIBRINOGEN, metabolism/ FIBRINOLYSIS/ HEAD INJURIES, blood/ HEAD INJURIES, complications/ HEAD INJURIES, metabolism/ HEPARIN, pharmacodynamics/ HUMAN/ MIDDLE AGE/ *PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, prevention & control/ *SKULL, injuries/ THROMBELASTOGRAPHY/ TIME FACTORS

4285. **Kulagin VK, Assur MV:** Sravnitel'naia otsenka razlichnykh metodov transfuzionnoĭ terapii pri tiazheloĭ krovopotere.
Voen Med Zh 8:42-5, Aug 72 (Rus)
ANIMAL EXPERIMENTS/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ COMPARATIVE STUDY/ DOGS/ *HEMORRHAGE, therapy

4286. **Kulikova LA, Goldin VA, Appukhami K:** Serotonin i funktsional'noe sostoianie zheludochno-kishechnogo trakta u khirurgicheskogo bol'nogo.
Khirurgiia (Mosk) 48:124-7, Oct 72 (23 ref.) (Rus)
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, metabolism/ CARDIOVASCULAR SYSTEM, drug effects/ CENTRAL NERVOUS SYSTEM, metabolism/ CHROMAFFIN SYSTEM, secretion/ DOGS/ DUMPING SYNDROME, metabolism/ GASTROINTESTINAL DISEASES, metabolism/ GASTROINTESTINAL DISEASES, surgery/ GASTROINTESTINAL MOTILITY, drug effects/ HUMAN/ LIVER, drug effects/ LIVER, physiology/ LUNG, metabolism/ MUSCLE, SMOOTH, drug effects/ PANCREAS, secretion/ REVIEW/ SEROTONIN, biosynthesis/ *SEROTONIN, metabolism/ SEROTONIN, pharmacodynamics/ SEROTONIN, secretion/ SEROTONIN, urine

4287. **Kulish EA, Opochinskii EF, Desiatkova RG:** Aggliutinatsiia eritrotsitov obrabotannykh tripsinom, s antigenom virusa krasnukhi.
Vopr Virusol 18:181-4, Mar-Apr 73 (Rus)
ANIMAL EXPERIMENTS/ ANTIBODIES, VIRAL, analysis/ ANTIGENS, VIRAL, analysis/ *ANTIGENS, VIRAL, physiology/ BIRDS/ CATTLE/ CHICKENS/ DUCKS/ ENGLISH ABSTRACT/ *ERYTHROCYTES, physiology/ *HEMAGGLUTINATION TESTS/ HUMAN/ METHODS/ *RUBELLA VIRUS, physiology/ SHEEP/ *TRYPSIN, pharmacodynamics

4288. **Kullmann L, Wouters HW:** Neurofibromatose, gigantisme et hématome sous-périostal. 2 cas accompagnés de formation osseuse extensive sous-périostale sur les os longs.
Rev Chir Orthop 58:Suppl 1:237-40, 1972 (Fre)
*BONE DISEASES, etiology/ CHILD/ FEMUR, pathology/ FEMUR, radiography/ *GIGANTISM, complications/ *HEMATOMA, etiology/ HEMATOMA, surgery/ HUMAN/ INFANT/ MALE/ *NEUROFIBROMATOSIS, complications/ NEUROFIBROMATOSIS, pathology/ NEUROFIBROMATOSIS, radiography/ PERIOSTEUM, pathology/ PERIOSTEUM, radiography/ SKIN, pathology/ TIBIA, pathology/ TIBIA, radiography

4289. **Kummer H:** Neuere Möglichkeiten der Thromboseprophylaxe.
Praxis 62:619-25, 15 May 73 (Ger)
ASPIRIN, therapeutic use/ DEXTRAN, therapeutic use/ DIPYRIDAMOLE, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ *THROMBOSIS, prevention & control

4290. **Kummer H, Schwander D, Dezaules M, et al:** Separation of platelet rich plasma and red cells with modified gelatin.
Vox Sang 24:76-88, Jan 73
ACIDS/ ADENOSINE DIPHOSPHATE/ *BLOOD PLATELETS/ BLOOD PRESERVATION/ BLOOD SEDIMENTATION/ CELL SEPARATION/ CELL SURVIVAL/ CHROMIUM ISOTOPES/ CITRATES/ ERYTHROCYTE COUNT/ *ERYTHROCYTES/ *GELATIN, pharmacodynamics/ GLASS/ GLUCOSE/ HUMAN/ PLATELET ADHESIVENESS

4291. **Kundu AK, Pal N, Manna S:** Production of extracellular fungal collagenase.
Indian J Exp Biol 10:73-4, Jan 72
*ASPERGILLUS, enzymology/ *CLOSTRIDIOPEPTIDASE A, biosynthesis/ CULTURE MEDIA/ HYDROGEN-ION CONCENTRATION/ PEPTIDE HYDROLASES, biosynthesis/ TEMPERATURE

4292. **Kundu N, Roy S, Maenza F:** Esterase activity of chymotrypsin on oxygen-substituted tyrosine substrates.
Eur J Biochem 28:311-5, 24 Jul 72
ACYLATION/ ALCOHOL, ETHYL/ ALKYLATION/ CHEMISTRY/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, antagonists & inhibitors/ CORTICOTROPIN/ ESTERASES/ ESTERS/ METHYLATION/ STRUCTURE-ACTIVITY RELATIONSHIP/ TYROSINE/ TYROSINE, chem synthesis

4293. **Kunft HD, Schliack H:** Epidurale Angioblutung als Ursache einer Querschnittslähmung.
Nervenarzt 43:543-5, Oct 72 (Ger)
AGED/ FEMALE/ *HEMANGIOMA, complications/ HEMANGIOMA, radiography/ HUMAN/ LUMBAR VERTEBRAE/ MYELOGRAPHY/ *PARAPLEGIA, etiology/ PARAPLEGIA, radiography/ *SPINAL CORD

NEOPLASMS, complications/ SPINAL CORD NEOPLASMS, radiography

4294. **Kunlin J, Lengua F, Testart J, et al:** Thromboangiosis or thromboangeitis treated by adrenalectomy and sympathectomy from 1942 to 1962. A follow-up study of 110 cases.
J Cardiovasc Surg (Torino) 14:21-7, Jan-Feb 73
ADOLESCENCE/ *ADRENALECTOMY/ ADULT/ AGE FACTORS/ AMPUTATION/ ANGIOGRAPHY/ ANTICOAGULANTS, therapeutic use/ ARTERIES, pathology/ ARTERIOSCLEROSIS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ EMOTIONS/ FOLLOW-UP STUDIES/ FROSTBITE, complications/ HUMAN/ MALE/ MIDDLE AGE/ *SYMPATHECTOMY/ THROMBOANGIITIS OBLITERANS, diagnosis/ THROMBOANGIITIS OBLITERANS, etiology/ THROMBOANGIITIS OBLITERANS, mortality/ THROMBOANGIITIS OBLITERANS, pathology/ THROMBOANGIITIS OBLITERANS, radiography/ THROMBOANGIITIS OBLITERANS, surgery/ *THROMBOANGIITIS OBLITERANS, therapy

4295. **Kunz F:** The paricipation of phospholipids in the extrinsic pathway of the coagulation process.
Thromb Diath Haemorrh 27:655-7, 31 Jul 72
*BLOOD COAGULATION/ BRAIN/ *CEPHALINS, blood/ CHROMATOGRAPHY, THIN LAYER/ FEMALE/ FIBRIN, analysis/ HUMAN/ *LECITHINS, blood/ *PHOSPHOINOSITIDES, blood/ PLACENTA/ RABBITS/ SERINE, blood/ THROMBOPLASTIN, analysis

4296. **Kunz F, Hörtnagl H:** Plasmaphosphatidmuster bei Arteriosklerose.
Arzneim Forsch 22:1825-31, Oct 72 (Ger)
ADULT/ *ARTERIOSCLEROSIS, blood/ CEPHALINS, blood/ CHROMATOGRAPHY, THIN LAYER/ ENGLISH ABSTRACT/ FOLLOW-UP STUDIES/ HEPARIN, therapeutic use/ HUMAN/ LYSOLECITHIN, blood/ MIDDLE AGE/ MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, drug therapy/ PHOSPHOLIPIDS, analysis/ *PHOSPHOLIPIDS, blood

4297. **Kunz F, Rumpl E, Holzknecht F:** The role of phospholipids in haemophilia A.
Klin Wochenschr 50:1058-60, 15 Nov 72
BLOOD COAGULATION/ CEPHALINS, blood/ CLOT RETRACTION/ FACTOR VIII, analysis/ FIBRIN, analysis/ *HEMOPHILIA, blood/ HUMAN/ LECITHINS, analysis/ *PHOSPHOLIPIDS, blood/ THROMBOPLASTIN

4298. **Kuo SH, Jaques LB, Millar GJ:** An improved in vivo procedure for standardization of heparin preparations.
J Pharm Pharmacol 24:858-68, Nov 72
ACETIC ACIDS/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ BODY WEIGHT/ DOGS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HEPARIN, pharmacodynamics/ *HEPARIN, standards/ INJECTIONS, INTRAVENOUS/ LIPOPROTEIN LIPASE, blood/ MALE

4299. **Kurachi K, Powers JC, Wilcox PE:** Kinetics of the reaction of chymotrypsin A with peptide chloromethyl ketones in relation to its subsite specificity.
Biochemistry 12:771-7, Feb 73
BINDING SITES/ CHEMISTRY/ CHLORINE/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, antagonists & inhibitors/ HYDROGEN-ION CONCENTRATION/ *KETONES/ KETONES, chem synthesis/ KINETICS/ MATHEMATICS/ MODELS, CHEMICAL/ *PEPTIDES/ PEPTIDES, chem synthesis

4300. **Kurachi S, Hermodson M, Hornung S, et al:** Structure of haemoglobin Seattle.
Nature [New Biol] 243:275-6, 27 Jun 73
ALANINE/ AMINO ACID SEQUENCE/ ASPARTIC ACID/ CHYMOTRYPSIN/ GEL FILTRATION/ *HEMOGLOBINS, ABNORMAL/ HUMAN/ PEPTIDES, analysis

4301. **Kuramoto A:** [Metabolism of blood platelets: biochemical aspects of its release reaction]
Jap J Clin Pathol 21:11-23, Jan 73 (73 ref.) (Jap)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENOSINE MONOPHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ BLOOD PLATELET DISORDERS/ *BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, physiology/ BLOOD SUGAR, metabolism/ CARBON DIOXIDE, metabolism/ CARBON ISOTOPES/ ENERGY TRANSFER/ HUMAN/ LACTATES, metabolism/ LIPIDS, metabolism/ PHAGOCYTOSIS/ PLATELET ADHESIVENESS/ RABBITS/ REVIEW

4302. **Kurchavov GK, Kotel'nikov VA:** Funktsional'nye i morfologicheskie izmeneniia pecheni u bol'nykh do i posle rezektsii zheludka po povodu iazvennoĭ bolezni.
Vestn Khir 110:23-8, Apr 73 (Rus)
ADULT/ BILIRUBIN, secretion/ BLOOD PROTEINS, biosynthesis/ ENGLISH ABSTRACT/ FEMALE/ *GASTRECTOMY/ GLUCOSE TOLERANCE TEST/ HUMAN/ *LIVER/ LIVER, metabolism/ LIVER, pathology/ LIVER, physiopathology/ LIVER, secretion/ LIVER GLYCOGEN, biosynthesis/ MALE/ *PEPTIC ULCER, surgery/ PROTHROMBIN, biosynthesis

4303. **Kurecki T, Tocsko K:** Isolation and partial purification of protease from calf thymus chromatin.
Bull Acad Pol Sci [Biol] 20:543-6, 1972
ANIMAL EXPERIMENTS/ CATTLE/ *CHROMATIN, enzymology/ GEL FILTRATION/ *PEPTIDE HYDROLASES, isolation & purification/ *THYMUS GLAND, enzymology

4304. **Kurek C:** Chorobotwórczość a aktywność biochemiczna gronkowców w przebiegu długotrwałych schorzeń gruczołów mlecznych krów hodowli wielkostadnej.
Pol Arch Weter 15:225-36, 1972 (Pol)
ANIMAL EXPERIMENTS/ CATTLE/ COAGULASE, metabolism/ ENGLISH ABSTRACT/ FEMALE/ MASTITIS, BOVINE, enzymology/ *MASTITIS, BOVINE, microbiology/ STAPHYLOCOCCUS, enzymology/ *STAPHYLOCOCCUS, isolation & purification/ STAPHYLOCOCCUS, pathogenicity/ *UDDER, microbiology

4305. **Kurihara H:** Plasma angiotensin I converting enzyme activity in rabbits under various experimental conditions.
Jap Circ J 36:587-8, Jun 72
ANGIOTENSIN/ ANIMAL EXPERIMENTS/ CAROTID ARTERIES/ HYPERTENSION, RENAL, enzymology/ JUGULAR VEIN/ KIDNEY, physiology/ *PEPTIDE PEPTIDOHYDROLASES, blood/ RABBITS/ RENAL VEINS

4306. **Kurihara H, Gregory A, Dewailly P, et al:** Effects of changes in sodium balance and of experimental renal hypertension on plasma angiotensin I converting enzyme activity of rabbits.
Tohoku J Exp Med 109:19-27, Jan 73
ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ FUROSEMIDE, pharmacodynamics/ HEMATOCRIT/ *HYPERTENSION, RENAL, enzymology/ HYPERTENSION, RENAL, etiology/ HYPERTENSION, RENAL, metabolism/ KININASE II, blood/ LIGATION/ MALE/ NEPHRECTOMY/ *PEPTIDE PEPTIDOHYDROLASES, blood/ RABBITS/ RENAL ARTERY/ RENIN, blood/ *SODIUM, metabolism

4307. **Kurnosov AN, Zuev VA, Oparin VN, et al:** Perfuzionnaia tripsinizatsiia izolirovannykh pochek porpsiat.
Veterinariia 12:50-2, Dec 72 (Rus)
ANIMAL EXPERIMENTS/ *KIDNEY, physiology/ ORGAN CULTURE/ *PERFUSION/ SWINE/ *TRYPSIN

4308. **Kurosky A, Hofmann T:** Kinetics of the reaction of nitrous acid with model compounds and proteins, and the conformational state of N-terminal groups in the chymotrypsin family.
Can J Biochem 50:1282-96, Dec 72

AMINES/ *AMINO ACIDS/ CHEMISTRY/ CHYMOTRYPSIN/ ESTERS/ HYDROGEN-ION CONCENTRATION/ INDOLEACETIC ACID/ ISOLEUCINE/ KINETICS/ *NITRITES/ NITROSO COMPOUNDS/ OSMOLAR CONCENTRATION/ PANCREATOPEPTIDASE/ PEPSIN/ *PEPTIDE PEPTIDOHYDROLASES/ *PEPTIDES/ PROTEIN CONFORMATION/ PROTEINS/ SERINE/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SWINE/ TRYPSIN/ TRYPTOPHAN/ TYROSINE

4309. **Kusakabe T:** A goitrous subject with structural abnormality of thyroglobulin.
J Clin Endocrinol Metab 35:785-94, Dec 72
ELECTROPHORESIS/ GEL DIFFUSION TESTS/ *GOITER, metabolism/ HYDROLYSIS/ IODINE ISOTOPES/ PEPTIDE HYDROLASES/ STRUCTURE-ACTIVITY RELATIONSHIP/ THYROGLOBULIN, analysis/ *THYROGLOBULIN, metabolism/ THYROID GLAND, enzymology/ ULTRACENTRIFUGATION

4310. **Kushch NL, Kononuchenko VP:** Novoobrazovaniia zheludochno-kishechnogo trakta u detei.
Vestn Khir 110:70-4, Apr 73 (Rus)
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ DIAGNOSTIC ERRORS/ ENGLISH ABSTRACT/ FEMALE/ FIBROMA/ *GASTROINTESTINAL NEOPLASMS/ GASTROINTESTINAL NEOPLASMS, diagnosis/ GASTROINTESTINAL NEOPLASMS, drug therapy/ GASTROINTESTINAL NEOPLASMS, surgery/ HEMANGIOMA/ HUMAN/ INTESTINE, LARGE/ INTESTINE, SMALL/ LYMPHOSARCOMA/ MALE/ NEUROBLASTOMA/ SARCOMA, RETICULUM CELL/ STOMACH NEOPLASMS/ TERATOID TUMOR

4311. **Kushelevskiĭ BP, Seliverstova GP:** Dlitel'noe lechebno-profilakticheskoe primenenie antikoagulliantov.
Klin Med (Mosk) 51:26-8, Apr 73 (Rus)
ADULT/ AGED/ ANTICOAGULANTS, pharmacodynamics/ *ANTICOAGULANTS, therapeutic use/ *ARTERIOSCLEROSIS, drug therapy/ ARTERIOSCLEROSIS, prevention & control/ BLOOD COAGULATION, drug effects/ *CORONARY DISEASE, drug therapy/ FIBRINOLYSIS, drug effects/ HUMAN/ MIDDLE AGE/ THROMBOSIS, drug therapy

4312. **Kušnír J, Meloun B:** Sequence of 36 amino acid residues between the 1st and 2nd methionine of human plasma albumin. Biochim Biophys Acta 310:124-9, 17 May 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ CYANOGEN BROMIDE/ DANSYL COMPOUNDS/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ HUMAN/ METHIONINE/ PEPTIDES, analysis/ *SERUM ALBUMIN, analysis/ THIOCYANATES/ TRYPSIN

4313. **Küss R, Chatelain C, Jardin A:** Les hémorragies de l'adénomectomie (a propos de 100 observations.
J Urol Nephrol (Paris) 78:461-6, Jun 72 (Fre)
AGE FACTORS/ AGED/ BLOOD TRANSFUSION/ *HEMORRHAGE, etiology/ HEMOSTASIS/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ *PROSTATECTOMY/ PROSTATECTOMY, mortality/ *PROSTATIC HYPERTROPHY, surgery

4314. **Kusserow BK, Larrow RW, Nichols JE:** The surface bonded, covalently crosslinked urokinase synthetic surface. In vitro and chronic in vivo studies.
Trans Am Soc Artif Intern Organs 19:8-12, 1973
ANIMAL EXPERIMENTS/ AORTA, ABDOMINAL, surgery/ *BIOCOMPATIBLE MATERIALS/ BLOOD COAGULATION/ BLOOD VESSEL PROSTHESIS/ CARBON/ CARBONATES/ CHLORIDES/ COLLOIDS/ DOGS/ ENDOTHELIUM, cytology/ FIBRINOLYSIS/ *FIBRINOLYTIC AGENTS/ GLUTARALDEHYDE/ METHODS/ METHYLMETHACRYLATE/ POLYVINYLS/ SURFACE PROPERTIES/ TEMPERATURE/ THROMBOSIS, prevention & control/ WATER

4315. **Kutt H, Louis S:** Anticonvulsant drugs. II. Clinical pharmacological and therapeutic aspects.
Drugs 4:256-82, 1972
ABNORMALITIES, DRUG-INDUCED, etiology/ *ANTICONVULSANTS/ ANTICONVULSANTS, adverse effects/ ANTICONVULSANTS, antagonists & inhibitors/ ANTICONVULSANTS, blood/ ANTICONVULSANTS, metabolism/ ANTICONVULSANTS, therapeutic use/ ANTICONVULSANTS, toxicity/ BLOOD COAGULATION DISORDERS, chemically induced/ CEREBELLUM, drug effects/ CONVULSIONS, drug therapy/ DIPHENYLHYDANTOIN, blood/ DIPHENYLHYDANTOIN, pharmacodynamics/ DRUG INTERACTIONS/ EPILEPSY, GRAND MAL, drug therapy/ EPILEPSY, PETIT MAL, drug therapy/ FEMALE/ HUMAN/ JACKSONIAN SEIZURE, drug therapy/ PHENOBARBITAL, pharmacodynamics/ PREGNANCY/ REVIEW

4316. **Kuttan R, Radhakrishnan AN:** Biochemistry of the hydroxyprolines.
Adv Enzymol 37:273-347, 1973 (496 ref.)
ANIMAL EXPERIMENTS/ ASCORBIC ACID, metabolism/ BACTERIA, metabolism/ BONE DISEASES, urine/ CHEMISTRY/ COLLAGEN, blood/ *COLLAGEN, metabolism/ COLLAGEN DISEASES, urine/ ENDOCRINE DISEASES, urine/ GLYCOSIDES, urine/ HUMAN/ HYDROXYLATION/ HYDROXYLYSINE, urine/ *HYDROXYPROLINE/ HYDROXYPROLINE, biosynthesis/ HYDROXYPROLINE, blood/ HYDROXYPROLINE, metabolism/ HYDROXYPROLINE, urine/ ISOMERISM/ PEPTIDE HYDROLASES, metabolism/ PLANTS, metabolism/ POLYRIBOSOMES, metabolism/ PROLINE, metabolism/ PROLINE HYDROXYLASE, metabolism/ PROTEIN PRECURSORS/ REVIEW

4317. **Kutti J, Ridell B, Weinfeld A, et al:** The relation of thrombokinetics to bone marrow megakaryocytes and to the size of the spleen in polycythaemia vera.
Scand J Haematol 10:88-95, 1973
ADULT/ AGED/ BIOPSY, NEEDLE/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ BONE MARROW EXAMINATION/ CELL SURVIVAL/ CHROMIUM ISOTOPES/ FEMALE/ HALF-LIFE/ HUMAN/ KINETICS/ MALE/ *MEGAKARYOCYTES/ MIDDLE AGE/ POLYCYTHEMIA VERA, blood/ *POLYCYTHEMIA VERA, pathology/ SPLEEN, pathology/ SPLENOMEGALY, pathology/ TECHNETIUM

4318. **Kutti J, Weinfeld A, Westin J:** The relationship between splenic platelet pool and spleen size.
Scand J Haematol 9:351-4, 1972
ADULT/ AGED/ *BLOOD PLATELETS/ CARDIOVASCULAR DISEASES, pathology/ CHROMIUM ISOTOPES/ FEMALE/ HUMAN/ IODINE ISOTOPES/ MALE/ METHODS/ MIDDLE AGE/ POLYCYTHEMIA VERA, pathology/ SPLEEN/ *SPLEEN, pathology/ SPLENOMEGALY, pathology/ TECHNETIUM/ TIME FACTORS

4319. **Kutushev FKh, Libov AS, Cherniavskii VV:** Znachenie tromboeleastograficheskogo metoda issledovaniia v diagnostike i lechenii raka legkogo.
Vopr Onkol 19:18-20, 1973 (Rus)
BLOOD COAGULATION/ CARCINOMA, physiopathology/ ENGLISH ABSTRACT/ HUMAN/ *LUNG NEOPLASMS, diagnosis/ LUNG NEOPLASMS, physiopathology/ LUNG NEOPLASMS, surgery/ PNEUMONIA, physiopathology/ *THROMBELASTOGRAPHY

4320. **Kuwahara A, Otsuka H, Nagamatsu A:** Induction of hemangiomatous lesions with dimethyl-nitrosoamine: influence of route of administration and strain of mice.
Gann 63:499-502, Aug 72
ABDOMINAL NEOPLASMS, chemically induced/ ANIMAL EXPERIMENTS/

DIMETHYLAMINES, administration & dosage/ FEMALE/ HEMANGIOENDOTHELIOMA, chemically induced/ *HEMANGIOMA, chemically induced/ HEMANGIOMA, pathology/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, SUBCUTANEOUS/ KIDNEY NEOPLASMS, chemically induced/ LIVER NEOPLASMS, chemically induced/ LUNG NEOPLASMS, chemically induced/ MALE/ MICE/ MICE, INBRED BALB C/ MICE, INBRED STRAINS/ NEOPLASMS, EXPERIMENTAL, chemically induced/ *NITROSAMINES, administration & dosage/ RETROPERITONEAL NEOPLASMS, chemically induced/ SPECIES SPECIFICITY/ SPLENIC NEOPLASMS, chemically induced

4321. **Kux M, Piza F, Rauhs R, et al:** Immediate complement consumption and ultrastructural lesions in canine renal allografts. Transplantation 15:637-40, Jun 73
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD PLATELETS, immunology/ BLOOD PROTEINS, analysis/ CALCIUM, blood/ *COMPLEMENT/ DOGS/ GRAFT REJECTION/ HEMATOCRIT/ *KIDNEY, transplantation/ KIDNEY GLOMERULUS, blood supply/ KIDNEY GLOMERULUS, pathology/ LEUKOCYTES, immunology/ MICROSCOPY, ELECTRON/ RENAL ARTERY/ RENAL VEINS/ TIME FACTORS/ TRANSPLANTATION, AUTOLOGOUS/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY

4322. **Kuzin MI, Dreĭzina AM, Dobrovol'skiĭ VI, et al:** Izmenenie funktsional'nykh svoĭstv trombotsitov u operarirovannykh bol'nykh.
Klin Med (Mosk) 50:123-9, Sep 72 (Rus)
ADOLESCENCE/ ADULT/ *BLOOD PLATELETS/ ENGLISH ABSTRACT/ HUMAN/ PLATELET ADHESIVENESS/ STOMACH DISEASES, blood/ *STOMACH DISEASES, surgery/ STOMACH NEOPLASMS, blood/ *STOMACH NEOPLASMS, surgery

4323. **Kuźma J, Prokš C:** Esenciální hemoragická trombocytémie.
Vnitr Lek 18:899-904, Sep 72 (Cze)
AGED/ AUTOPSY/ *BLOOD PLATELET DISORDERS/ BLOOD PLATELET DISORDERS, pathology/ ENGLISH ABSTRACT/ *HEMORRHAGIC DIATHESIS/ HEMORRHAGIC DIATHESIS, pathology/ HUMAN/ MALE

4324. **Kuz'min DS:** Rentgenologicheskie issledovaniia v diagnostike oslozhnenii gemofilii.
Khirurgiia (Mosk) 48:42-6, Aug 72 (Rus)
ADULT/ ENGLISH ABSTRACT/ HEMARTHROSIS, etiology/ *HEMARTHROSIS, radiography/ *HEMOPHILIA, complications/ HEMOPHILIA, radiography/ HUMAN/ MALE

4325. **Kuznik BI:** O roli sosudistoĭ stenki v protsesse gemostaza.
Usp Sovrem Biol 75:61-85, Jan-Feb 73 (258 ref.) (Rus)
ADENOSINE DIPHOSPHATE/ ADENOSINE TRIPHOSPHATASE/ ADENOSINE TRIPHOSPHATE/ ANIMAL EXPERIMENTS/ ANTICOAGULANTS/ ANTIFIBRINOLYTIC AGENTS/ ANTITHROMBIN/ BLOOD COAGULATION/ BLOOD COAGULATION FACTORS/ BLOOD PLATELETS/ *BLOOD VESSELS, physiology/ CLOT RETRACTION/ FACTOR VIII/ FACTOR XIII/ FIBRINOLYSIS/ *HEMOSTASIS/ HEPARIN/ HUMAN/ MICROCIRCULATION/ PLASMINOGEN/ PLATELET ADHESIVENESS/ REVIEW/ THROMBIN/ VASCULAR RESISTANCE

4326. **Kuznik BI, Al'fonsov VV, Basov VP, et al:** Serdtse kak efferentnyi reguliator protsessa svertyvaniia krovi i fibrinoliza.
Kardiologiia 13:10-7, Mar 73 (Rus)
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION FACTORS/ CHLORATES, pharmacodynamics/ CHOLINE, pharmacodynamics/ DOGS/ ENGLISH ABSTRACT/ EPINEPHRINE, pharmacodynamics/ *FIBRINOLYSIS/ GLYCERYL TRINITRATE, pharmacodynamics/ *HEART CONDUCTION SYSTEM, physiology/ HISTAMINE, pharmacodynamics/ *MYOCARDIUM, metabolism

4327. **Kuznik BI, Mishchenko VP:** O roli serdtsa i sosudov v reguliatsii svertyvaniia krovi i fibrinoliza.
Kardiologiia 13:145-54, Apr 73 (112 ref.) (Rus)
ANIMAL EXPERIMENTS/ ANTIFIBRINOLYTIC AGENTS/ *BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, physiology/ BLOOD PRESSURE/ BLOOD VESSELS, injuries/ BLOOD VESSELS, innervation/ *BLOOD VESSELS, physiology/ CELL MEMBRANE PERMEABILITY/ CHOLINE, physiology/ ELECTROPHYSIOLOGY/ EPINEPHRINE, pharmacodynamics/ FACTOR VIII, physiology/ *FIBRINOLYSIS/ *HEART, physiology/ HEMOSTASIS/ HISTAMINE, physiology/ PERFUSION/ REVIEW/ SYMPATHETIC NERVOUS SYSTEM, physiology/ THROMBOPLASTIN, physiology/ THROMBOSIS, physiopathology

4328. **Kvam E:** Scanning electron microscopy of organic structures on the root surface of human teeth.
Scand J Dent Res 80:297-306, 1972
ADOLESCENCE/ BICUSPID, cytology/ CHILD/ DENTAL CEMENTUM/ FIBRIN/ FIBROBLASTS/ HUMAN/ INCISOR, cytology/ MICROSCOPY, ELECTRON, SCANNING/ NERVE ENDINGS, cytology/ NERVE TISSUE, cytology/ *TOOTH ROOT, cytology

4329. **Kwa BH:** Studies on the sparganum of Spirometra erinacei. II. Proteolytic enzymes(s) in the scolex.
Int J Parasitol 2:29-33, Mar 72
ALKALINE PHOSPHATASE, metabolism/ CESTODA, cytology/ *CESTODA, enzymology/ COLORIMETRY/ HISTOCYTOCHEMISTRY/ *PEPTIDE HYDROLASES, metabolism/ *SPARGANOSIS/ TIME FACTORS

4330. **Kwaan HC, Barlow GH:** Nature and biological activities of degradation products of fibrinogen and fibrin.
Annu Rev Med 24:335-44, 1973 (76 ref.)
BLOOD COAGULATION DISORDERS, diagnosis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRIN, metabolism/ *FIBRINOGEN, metabolism/ FIBRINOLYSIS/ HUMAN/ IMMUNOLOGIC TECHNICS/ PEPTIDE CHAIN TERMINATION/ PEPTIDES, isolation & purification/ REVIEW/ THROMBIN, metabolism

4331. **Kwaan HC, Silverman S:** Fibrinolytic activity in lesions of hereditary hemorrhagic telangiectasia.
Arch Dermatol 107:571-3, Apr 73
AGED/ AMINOCAPROIC ACID, therapeutic use/ BIOPSY/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ ENZYME ACTIVATION/ *FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ NASAL MUCOSA, pathology/ PLASMINOGEN/ SKIN, pathology/ *TELANGIECTASIA, HEREDITARY HEMORRHAGIC, blood/ TELANGIECTASIA, HEREDITARY HEMORRHAGIC, drug therapy

4332. **Kwak KS, Sturgeon P, Gitnick GL:** Automated continuous-flow hemagglutination inhibition test for hepatitis B antigen in blood. Vox Sang 25:97-104, 1973
*AUSTRALIA ANTIGEN, analysis/ AUTOANALYSIS/ COMPLEMENT FIXATION TESTS/ ELECTROPHORESIS/ *HEMAGGLUTINATION INHIBITION TESTS, instrumentation/ HEMOPHILIA, immunology/ HEPATITIS, HOMOLOGOUS SERUM, diagnosis/ HUMAN/ IMMUNE SERUMS

4333. **Kwast M:** Wpływ butylohydroksyanizolu (BHA), butylohydroksytoluenu (BHT) i kwasu nordwuhydrogwajaretowego (NDGA) na hemolizę krwinek czerwonych i krzepliwość krwi szczura.
Rocz Panstw Zaki Hig 24:169-73, 1973 (Pol)
ANIMAL EXPERIMENTS/ *BENZOATES, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ BUTANES, pharmacodynamics/

*CRESOLS, pharmacodynamics/ ENGLISH ABSTRACT/ *GUAIACOL, pharmacodynamics/ *HEMOLYSIS, drug effects/ *HYDROQUINONES, pharmacodynamics/ MALE/ RATS

4334. Kyle RA, Costa G, Cooper MR, et al: Evaluation of aniline mustard in patients with multiple myeloma. Cancer Res 33:956-60, May 73
ADULT/ AGED/ ANILINE COMPOUNDS, administration & dosage/ ANILINE COMPOUNDS, adverse effects/ *ANILINE COMPOUNDS, therapeutic use/ FEMALE/ HEMATOCRIT/ HUMAN/ LEUKOCYTE COUNT/ LEUKOPENIA, chemically induced/ MALE/ MIDDLE AGE/ MULTIPLE MYELOMA, blood/ *MULTIPLE MYELOMA, drug therapy/ NITROGEN MUSTARD COMPOUNDS, administration & dosage/ NITROGEN MUSTARD COMPOUNDS, adverse effects/ *NITROGEN MUSTARD COMPOUNDS, therapeutic use/ PLASMA CELLS, drug effects/ PREDNISONE, therapeutic use/ THROMBOPENIA, chemically induced

L

4335. Labadie P: L'alpha 1--anti-trypsine, glyco-protéine d'actualité. Rev Prat 23:2876 passim, 1 Jun 73 (Fre)
BLOOD CHEMICAL ANALYSIS/ GENETICS/ PEPTIDE HYDROLASES, antagonists & inhibitors/ RADIOIMMUNOASSAY/ SPECIAL LIST FOREIGN/ TRYPSIN, antagonists & inhibitors

4336. Labib MA, Higazi AM, el-Ebrashy N, et al: Studies on diabetic retinal vascular changes with special reference to blood coagulation and viscosity. Bull Ophthalmol Soc Egypt 64:457-82, 1971
ADULT/ AGED/ *BLOOD COAGULATION/ *BLOOD VISCOSITY/ *DIABETIC RETINOPATHY, blood/ DIABETIC RETINOPATHY, physiopathology/ HUMAN/ MIDDLE AGE/ *RETINAL VESSELS

4337. Laborit H: Bases biologiques générales de la réaction à l'aggression.
Agressologie 13:1-54, 1972 (Fre)
ACIDOSIS, etiology/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD SUGAR, biosynthesis/ BRAIN EDEMA, etiology/ CARBON DIOXIDE, blood/ *CATECHOLAMINES, metabolism/ CATS/ CONNECTIVE TISSUE, metabolism/ DOGS/ ENGLISH ABSTRACT/ HUMAN/ LACTATES, blood/ LYSOSOMES, metabolism/ NEUROPHYSIOLOGY/ OXYGEN CONSUMPTION/ POTASSIUM, blood/ PYRUVATES, blood/ RABBITS/ RATS/ RETICULOENDOTHELIAL SYSTEM, physiopathology/ SHOCK, blood/ SHOCK, metabolism/ *SHOCK, physiopathology/ *SHOCK, TRAUMATIC, physiopathology/ VASOMOTOR SYSTEM, physiopathology/ WATER-ELECTROLYTE BALANCE

4338. Laborit H, Lamothe C: Sul l'utilisation de la dihydroxycétone comme nouveau substrat dans les milieux de conservation du sang.
Agressologie 13:243-6, 1972 (Fre)
*ACETONE/ ACETONE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ *BLOOD PRESERVATION/ CITRATES/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ ERYTHROCYTES, metabolism/ GLYCEROPHOSPHATES, blood/ GLYCOLYSIS/ HYDROGEN-ION CONCENTRATION/ HYDROXYLATION/ IN VITRO/ NICOTINAMIDE/ OXYGEN, blood/ PARTIAL PRESSURE/ PHOSPHATES/ RABBITS/ TIME FACTORS

4339. Labow RS, Williamson DG, Layne DS: Effect of proteases and of crude phospholipases on steroid glycosyltransferases from rabbit liver.
Biochemistry 12:1548-51, 10 Apr 73
ANIMAL EXPERIMENTS/ ESTRADIOL/ GEL FILTRATION/ GLUCOSAMINE/ GLUCOSYLTRANSFERASES, metabolism/ GLUCURONATES/ *HEXOSYLTRANSFERASES, metabolism/ LIVER, cytology/ *LIVER, enzymology/ MICROSOMES, LIVER, enzymology/ *PEPTIDE HYDROLASES, pharmacodynamics/ *PHOSPHOLIPASE, pharmacodynamics/ POLYSACCHARIDES/ RABBITS/ SNAKES/ SOLUBILITY/ ULTRAFILTRATION/ URIDINE DIPHOSPHATE SUGARS/ VENOMS, pharmacodynamics

4340. Labrune B: Traitement de la maladie hémorrhagique du nouveau-né. Soins 18:40-4, Feb 73 (Fre)
HEMORRHAGIC DISEASE OF NEWBORN, therapy/ SPECIAL LIST NURSING

4341. Labrune B: Hémophilie. Soins 17:7-11, Nov 72 (Fre)
HEMOPHILIA/ SPECIAL LIST NURSING

4342. Laća Z: Interchromosomal fibres.
Lancet 2:1367, 23 Dec 72
*CHROMOSOMES, analysis/ CHROMOSOMES, enzymology/ HUMAN/ METHODS/ MICROSCOPY, ELECTRON/ TRYPSIN, pharmacodynamics

4343. Lacanilao F: The urophysial hydrosmotic factor of fishes. I. Characteristics and similarity to neurohypophysial hormones.
Gen Comp Endocrinol 19:405-12, Dec 72
ANIMAL EXPERIMENTS/ BLADDER, drug effects/ BLADDER, metabolism/ BLOOD/ BUFO MARINUS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ *FISHES, physiology/ HUMAN/ IN VITRO/ *NEUROSECRETORY SYSTEMS, secretion/ OSMOSIS/ PERMEABILITY/ THIOGLYCOLATES, pharmacodynamics/ TIME FACTORS/ TRYPSIN, pharmacodynamics/ WATER, metabolism/ *WATER-ELECTROLYTE BALANCE

4344. Lacassie F: Le temps de coagulation est-il encore utile.
Nouv Presse Med 2:413-4, 17 Feb 73 (Fre)
*BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION TESTS/ DIAGNOSIS, LABORATORY/ DIAGNOSTIC ERRORS/ HEPARIN, therapeutic use/ HUMAN

4345. Lacerte JM, Kane VM, Cohen P: U.S. licensed blood banks. Evaluation of whole blood and its components.
Transfusion 12:339-43, Sep-Oct 72
*BLOOD BANKS, standards/ BLOOD PRESERVATION, standards/ ERYTHROCYTES/ HUMAN/ PLASMA/ QUALITY CONTROL/ UNITED STATES/ UNITED STATES PUBLIC HEALTH SERVICE

4346. Lachmann H, Mauser H, Schneider F: Nachweis von Acyl-Zwischenprodukten bei enzymatischen Reaktionen und Modellreaktionen durch Reaktionspektren, Extinktionsdifferenzen-(ED) und Extinktionsdifferenzen-Quotienten-(EDQ) Diagramme.
Hoppe Seylers Z Physiol Chem 353:730-1, May 72 (Ger)
*ACETIC ACIDS/ CHYMOTRYPSIN/ CINNAMATES/ HYDROLYSIS/ IMIDAZOLES/ NITROPHENOLS/ *SPECTRUM ANALYSIS

4347. Lackner H: Hemostatic abnormalities associated with dysproteinemias.
Semin Hematol 10:125-33, Apr 73 (72 ref.)
AMYLOIDOSIS, complications/ *BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION FACTORS/ BLOOD PLATELETS/ *BLOOD PROTEIN DISORDERS, complications/ BLOOD VISCOSITY/ FIBRINOLYSIS/ HUMAN/ REVIEW/ THROMBOEMBOLISM, etiology/ THROMBOSIS, etiology

4348. Lackner H, Javid JP: The clinical significance of the plasminogen level. Am J Clin Pathol 60:175-81, Aug 73
ADOLESCENCE/ ADULT/ AFIBRINOGENEMIA, blood/ AFIBRINOGENEMIA, congenital/ BLOOD COAGULATION TESTS/ CONTRACEPTIVES, ORAL, adverse effects/ DIAGNOSIS, DIFFERENTIAL/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/

FEMALE/ FIBRINOGEN, analysis/ *HEMORRHAGIC DIATHESIS, blood/ HUMAN/ INFECTION, blood/ LIVER CIRRHOSIS, blood/ MALE/ MENSTRUATION/ MIDDLE AGE/ MYOCARDIAL INFARCT, blood/ NEOPLASMS, blood/ *PLASMINOGEN/ SEX FACTORS/ SURGERY, OPERATIVE, adverse effects/ *THROMBOSIS, blood/ WOUNDS AND INJURIES, blood

4349. **Lacks S, Greenberg B:** Competence for deoxyribonucleic acid uptake and deoxyribonuclease action external to cells in the genetic transformation of Diplococcus pneumoniae.
J Bacteriol 114:152-63, Apr 73
CALCIUM, pharmacodynamics/ CHROMATOGRAPHY, ION EXCHANGE/ CULTURE MEDIA/ *DEOXYRIBONUCLEASE, metabolism/ DIPLOCOCCUS PNEUMONIAE, drug effects/ DIPLOCOCCUS PNEUMONIAE, enzymology/ DIPLOCOCCUS PNEUMONIAE, growth & development/ *DIPLOCOCCUS PNEUMONIAE, metabolism/ DNA, BACTERIAL, isolation & purification/ *DNA, BACTERIAL, metabolism/ MAGNESIUM, pharmacodynamics/ MUTATION/ NITROSOGUANIDINES, pharmacodynamics/ PHOSPHORUS ISOTOPES/ TEMPERATURE/ *TRANSFORMATION, GENETIC/ TRYPSIN, pharmacodynamics

4350. **Ladenson JH, Bowers GN Jr:** Free calcium in serum. I. Determination with the ion-specific electrode, and factors affecting the results.
Clin Chem 19:565-74, Jun 73
ADULT/ BLOOD CHEMICAL ANALYSIS, standards/ BLOOD PRESERVATION/ BLOOD SPECIMEN COLLECTION/ *CALCIUM, blood/ CALCIUM, standards/ COMPARATIVE STUDY/ ELECTRODES/ ETHANOLAMINES/ EVALUATION STUDIES/ FASTING/ FEMALE/ HEPARIN/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IONS, blood/ MAGNESIUM/ MALE/ MIDDLE AGE/ OSMOLAR CONCENTRATION/ POTASSIUM/ PROTEIN BINDING/ SODIUM/ TEMPERATURE/ TRYPSIN

4351. **La Du BN:** Pharmacogenetics: defective enzymes in relation to reactions to drugs.
Annu Rev Med 23:453-68, 1972 (125 ref.)
ACETYLATION/ BISHYDROXYCOUMARIN, metabolism/ CHOLINESTERASE, metabolism/ COUMARINS, pharmacodynamics/ DIPHENYLHYDANTOIN, metabolism/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ GENETIC CODE/ GLUCOSEPHOSPHATE DEHY- DROGENASE DEFICIENCY, familial & genetic/ HEREDITARY DISEASES, metabolism/ HUMAN/ ISONIAZID, metabolism/ MALE/ *METABOLISM, INBORN ERRORS, familial & genetic/ *PHARMACOGENETICS/ PHENACETIN, metabolism/ PHENOBARBITAL, metabolism/ REVIEW/ SUCCINYLCHOLINE, metabolism

4352. **Ladurner D:** Akutes und chronisches Cor pulmonale bei metastasierenden Karzinomen.
Wien Klin Wochenschr 85:27-9, 12 Jan 73 (Ger)
ACUTE DISEASE/ ADULT/ AGED/ AUTOPSY/ BLOOD COAGULATION DISORDERS, etiology/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LUNG NEOPLASMS, pathology/ LYMPHATIC METASTASIS/ MALE/ MIDDLE AGE/ *NEOPLASM CIRCULATING CELLS/ *NEOPLASM METASTASIS, pathology/ PULMONARY HEART DISEASE, complications/ *PULMONARY HEART DISEASE, etiology/ PULMONARY HEART DISEASE, pathology/ RESPIRATORY INSUFFICIENCY, etiology/ STOMACH NEOPLASMS/ STOMACH NEOPLASMS, complications/ STOMACH NEOPLASMS, pathology

4353. **Lagerlöf B, Franzén S:** The ultrastructure of megakaryocytes in polycythaemia vera and chronic granulocytic leukaemia.
Acta Pathol Microbiol Scand [A] 80:71-83, 1972
ADULT/ AGED/ BLOOD PLATELETS/ CELL NUCLEUS/ CYTOPLASM/ CYTOPLASMIC GRANULES/ FEMALE/ HEMATOPOIESIS/ HUMAN/ *LEUKEMIA, MYELOCYTIC, pathology/ MALE/ *MEGAKARYOCYTES/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ ORGANOIDS/ *POLYCYTHEMIA VERA, pathology/ RIBOSOMES

4354. **Lages B, Stivala SS:** Interaction of the polyelectrolyte heparin with copper(II) and calcium.
Biopolymers 12:127-43, 1973
BINDING SITES/ BUFFERS/ *CALCIUM/ *COPPER/ DENSITOMETRY/ DIALYSIS/ *HEPARIN/ HYDROGEN-ION CONCENTRATION/ VISCOSITY

4355. **Lages B, Stivala SS:** Copper ion binding and heparin interactions of human fibrinogen.
Biopolymers 12:961-74, May 73
BINDING SITES/ *COPPER/ DIALYSIS/ *FIBRINOGEN/ *HEPARIN/ HEPARIN, pharmacodynamics/ HUMAN/ PROTEIN BINDING

4356. **Laget-Corsin L, Wattiaux JP:** L'appendicite chez l'hémophile connu. A propos de trois cas.
Anesth Analg (Paris) 30:195-201, Jan-Feb 73 (Fre)
ADOLESCENCE/ *APPENDECTOMY/ APPENDICITIS, complications/ BLOOD TRANSFUSION/ CHILD/ FACTOR VIII, administration & dosage/ HEMOPHILIA, complications/ *HEMOPHILIA, surgery/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PREOPERATIVE CARE

4357. **Lago BD, Birnbaum J, Demain AL:** Fermentation process for double-stranded ribonucleic acid, an interferon inducer. Appl Microbiol 24:430-6, Sep 72
AIR/ COLIPHAGES, growth & development/ COLIPHAGES, metabolism/ CORN/ CULTURE MEDIA/ ESCHERICHIA COLI, growth & development/ ESCHERICHIA COLI, metabolism/ FERMENTATION/ *INTERFERON INDUCERS/ LYSOGENY/ METHODS/ MUTATION/ PEPTONES/ *RNA, VIRAL, biosynthesis/ TEMPERATURE/ TRYPSIN/ VIRAL PROTEINS, metabolism/ VIRUS REPLICATION

4358. **Lagraulet J, Tapu J, Cuzon G, et al:** Quelques observations récentes sur lea piqures par poissons venimeux du genre Synanceja et étude disc-électrophorétique de leur venin.
Bull Soc Pathol Exot 65:605-21, 1972 (Fre)
ADULT/ BEHAVIOR, ANIMAL/ *BITES AND STINGS/ BITES AND STINGS, complications/ BITES AND STINGS, therapy/ CHILD/ EDEMA, etiology/ ELECTROPHORESIS, DISK/ ENGLISH ABSTRACT/ FEMALE/ *FISHES, POISONOUS/ HEMATOMA, etiology/ HUMAN/ MALE/ MIDDLE AGE/ POLYNESIA/ SEROTHERAPY/ *VENOMS, analysis

4359. **Lagrue G, Vernant JP:** Les maladies amyloïdes héréditaires.
Nouv Presse Med 1:2525-8, 28 Oct 72 (Fre)
*AMYLOIDOSIS, familial & genetic/ AUTOSOME ABNORMALITIES/ DEAFNESS, familial & genetic/ FIBRINOGEN/ HEART FAILURE, CONGESTIVE, familial & genetic/ HUMAN/ JOINT DISEASES, familial & genetic/ NEUROLOGIC MANIFESTATIONS/ PAIN, familial & genetic/ *PERIODIC DISEASE, familial & genetic/ PERIPHERAL NERVE DISEASES, familial & genetic/ PERITONITIS, familial & genetic/ POLYNEURITIS, familial & genetic/ PORTUGAL/ PROGNOSIS/ RACIAL STOCKS/ SKIN DISEASES, familial & genetic/ THYROID NEOPLASMS, familial & genetic

4360. **Lagunoff D:** The mechanism of histamine release from mast cells. Biochem Pharmacol 21:1889-96, 15 Jul 72
ANIMAL EXPERIMENTS/ CHYMOTRYPSIN, analysis/ EXTRACELLULAR SPACE, analysis/ FERRITIN, diagnostic use/ GLYCOSIDE HYDROLASES, analysis/ HEPARIN, analysis/

HISTAMINE, analysis/ *HISTAMINE LIBERATION/ HISTAMINE LIBERATION, drug effects/ HISTOCYTOCHEMISTRY/ MAST CELLS, enzymology/ *MAST CELLS, metabolism/ MICROSCOPY, ELECTRON/ POLYMYXIN, administration & dosage/ POLYMYXIN, pharmacodynamics/ RATS/ RUTHENIUM, diagnostic use/ STAINS AND STAINING

4361. **Lahiri B, Shainoff JR:** Fate of fibrinopeptides in the reaction between human plasmin and fibrinogen. Biochim Biophys Acta 303:161-70, 23 Mar 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ELECTROPHORESIS, PAPER/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRINOGEN, metabolism/ *FIBRINOLYSIN, pharmacodynamics/ GEL FILTRATION/ HUMAN/ MOLECULAR WEIGHT/ OLIGOPEPTIDES, analysis/ PEPTIDES, analysis/ PEPTIDES, metabolism/ PROTEIN HYDROLYSATES/ SODIUM DODECYL SULFATE/ SPECTROPHOTOMETRY/ THROMBIN

4362. **Lahmann N:** Immunologische Untersuchungen an lyophilisiertem Humanplasma. Folia Haematol (Leipz) 99:259-72, 1973 (Ger)
ANIMAL EXPERIMENTS/ ANTIGENIC DETERMINANTS/ *BLOOD PRESERVATION/ ENGLISH ABSTRACT/ *FREEZE DRYING/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS/ *PLASMA, immunology/ PROTEIN DENATURATION/ RABBITS/ SOLUBILITY

4363. **Lai C, Listgarten M, Rosan B:** Serology of Streptococcus sanguis: localization of antigens with unlabeled antisera. Infect Immun 8:475-81, Sep 73
ABSORPTION/ ANIMAL EXPERIMENTS/ *ANTIGENS, BACTERIAL, analysis/ BACTERIOLOGICAL TECHNICS/ FERRITIN/ GEL DIFFUSION TESTS/ *IMMUNE SERUMS/ IMMUNIZATION/ MICROSCOPY, ELECTRON/ PEPSIN, pharmacodynamics/ RABBITS/ RABBITS, immunology/ *STREPTOCOCCUS, immunology/ TRYPSIN, pharmacodynamics

4364. **Laki K:** Our ancient heritage in blood clotting and some of its consequences. Ann NY Acad Sci 202:297-307, 8 Dec 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ BLOOD COAGULATION FACTORS/ *BLOOD PLATELETS/ CONTRACEPTIVES, ORAL/ ENZYME ACTIVATION/ ENZYME PRECURSORS/ EVOLUTION/ FACTOR XIII/ FACTOR XIII DEFICIENCY/ FEMALE/ FIBRIN/ FIBRINOGEN/ FIBRINOGEN, analysis/ GLUTAMINE/ HUMAN/ NEOPLASMS, EXPERIMENTAL, physiopathology/ PEPTIDES, analysis/ PEPTIDES, therapeutic use/ PREGNANCY/ THROMBIN/ THROMBOSIS, etiology/ *TRANSFERASES

4365. **Laki K, Benkö A, Farrell J:** Clot stabilization and atherosclerosis. Ann NY Acad Sci 202:235-9, 8 Dec 72
ANIMAL EXPERIMENTS/ AORTA, enzymology/ AORTA, pathology/ ARTERIOSCLEROSIS, enzymology/ *ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, pathology/ *BLOOD COAGULATION/ CHOLESTEROL, DIETARY/ DIET, ATHEROGENIC/ ESTERS, metabolism/ GLUTAMINE/ GLYCINE, metabolism/ HYDROGEN-ION CONCENTRATION/ LIVER, enzymology/ MALE/ MYOCARDIUM, enzymology/ RABBITS/ RADIOISOTOPES/ TRANSFERASES, blood/ *TRANSFERASES, metabolism

4366. **Lakin KM, Ovnatanova MS, Fel'dbaum VA:** Vliianie nekotorykh proizvodnykh indola na agregatsiiu trombotsitov. Farmakol Toksikol 35:711-4, Nov-Dec 72 (Rus)
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, drug effects/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *ERGOTAMINE, pharmacodynamics/ FEMALE/ *INDOLES, pharmacodynamics/ MALE/ *PLATELET ADHESIVENESS, drug effects/ RABBITS/ *TRYPTAMINES, pharmacodynamics

4367. **Lakina SK, Danilina ZA:** Svetovoe i fazovokontrastnoe issledovanie trombotsitov u detei s trombotsitopenicheskoi purpuroi. Lab Delo 7:424-6, 1972 (Rus)
ADOLESCENCE/ *BLOOD PLATELETS, analysis/ CHILD/ CHILD, PRESCHOOL/ HUMAN/ MICROSCOPY, PHASE CONTRAST/ *PURPURA, THROMBOPENIC, blood/ PURPURA, THROMBOPENIC, pathology

4368. **Lal S, Sourkes TL:** Potentiation and inhibition of the amphetamine stereotypy in rats by neuroleptics and other agents. Arch Int Pharmacodyn Ther 199:289-301, Oct 72
ANIMAL EXPERIMENTS/ *BEHAVIOR, ANIMAL, drug effects/ CHLORPROMAZINE, pharmacodynamics/ CHLORPROTHIXENE, pharmacodynamics/ COMPULSIVE BEHAVIOR, drug effects/ DEXAMETHASONE, pharmacodynamics/ *DEXTRO AMPHETAMINE, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG ANTAGONISM/ DRUG INTERACTIONS/ DRUG SYNERGISM/ HALOPERIDOL, pharmacodynamics/ LITHIUM, pharmacodynamics/ MALE/ MESORIDAZINE, pharmacodynamics/ METHOTRIMEPRAZINE, pharmacodynamics/ MOTOR ACTIVITY, drug effects/ PROCHLORPERAZINE, pharmacodynamics/ PROMAZINE, pharmacodynamics/ PROMETHAZINE, pharmacodynamics/ QUININE, pharmacodynamics/ RATS/ *TRANQUILIZING AGENTS, pharmacodynamics/ TRIFLUPROMAZINE, pharmacodynamics/ WARFARIN, pharmacodynamics

4369. **Lalezari P:** Direct determination of red cell bound antibody specificity. Br J Haematol 24:777-92, Jun 73
AMINES/ ANEMIA, HEMOLYTIC, ACQUIRED, immunology/ *ANTIBODIES/ ANTIGENS/ AUTOANALYSIS/ BLOOD COAGULATION/ *ERYTHROCYTES, immunology/ HEPARIN ANTAGONISTS/ METHODS/ PENICILLIN/ RH FACTORS

4370. **Lam-Po-Tang PR:** Anticoagulants in thromboembolism. Med J Aust 2:1438, 16 Dec 72
ANTICOAGULANTS, administration & dosage/ ANTICOAGULANTS, therapeutic use/ HUMAN/ *PROTHROMBIN TIME/ *THROMBOEMBOLISM, drug therapy/ *THROMBOPLASTIN, standards

4371. **Lambelet F:** Le traitement des troubles circulatoires veineux: une étude en double-insu avec le Sandovène. Praxis 62:925-9, 17 Jul 73 (Fre)
*AESCULUS, therapeutic use/ CLINICAL RESEARCH/ ENGLISH ABSTRACT/ *ERGOT ALKALOIDS, HYDROGENATED, therapeutic use/ EVALUATION STUDIES/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *RUTIN, therapeutic use/ *VENOUS INSUFFICIENCY, drug therapy

4372. **Lambert B, Daw E:** Haemangiopericytoma of the uterus. Practitioner 210:255-8, Feb 73
AGED/ CASE REPORT/ FEMALE/ *HEMANGIOPERICYTOMA/ HEMANGIOPERICYTOMA, pathology/ HUMAN/ MIDDLE AGE/ *UTERINE NEOPLASMS/ UTERINE NEOPLASMS, pathology/ UTERUS, pathology

4373. **Lambert CJ, Mitchel BF Jr, Geisler GF, et al:** A simple method for aortic cannulation. Chest 64:274-6, Aug 73
*AORTA/ AORTA, surgery/ AORTA, THORACIC, surgery/ CAROTID ARTERIES, surgery/ *CATHETERIZATION/ HEMOSTASIS/ HUMAN/ INNOMINATE ARTERY, surgery/ METHODS/ SUBCLAVIAN ARTERY, surgery/ SUTURE TECHNICS/ SUTURES/ VASCULAR SURGERY

4374. **Lambert PH, Creighton D, Goodman R, et al:** Approche expérimentale de la pathogénie du lupus

érythémateux.
J Urol Nephrol (Paris) 78:973-80, Dec 72 (Fre)
ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY COMPLEX/ AUTOANTIBODIES, analysis/ CYCLOPHOSPHAMIDE, therapeutic use/ *DISEASE MODELS, ANIMAL/ DNA, analysis/ FEMALE/ GLOMERULONEPHRITIS, etiology/ *GLOMERULONEPHRITIS, immunology/ HEPARIN, therapeutic use/ HYBRIDIZATION/ IMMUNE COMPLEX DISEASE/ *IMMUNOLOGIC DISEASES/ LUPUS ERYTHEMATOSUS, SYSTEMIC, chemically induced/ LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ LUPUS ERYTHEMATOSUS, SYSTEMIC, etiology/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ MICE/ MICE, INBRED NZB/ MOUSE LEUKEMIA VIRUSES/ PRECIPITIN TESTS/ PROCAINE AMIDE, adverse effects

4375. **Lambert RM, Downing JP, Zelenski SK:** The stability of the I, HI, and H blood group antigens during storage at 4 degrees C. Vox Sang 24:362-5, Apr 73
*ABO FACTORS/ ACIDS/ *BLOOD GROUPS/ *BLOOD PRESERVATION/ CITRATES/ ERYTHROCYTES, immunology/ FREEZING/ GLUCOSE/ HUMAN/ *ISOANTIGENS

4376. **Lameire N, Baele G, Hilderson J, et al:** Urinary fibrin-fibrinogen degradation products and acute renal-transplant rejection. Lancet 2:160-1, 21 Jul 73
FIBRIN, analysis/ *FIBRIN, urine/ FIBRINOGEN, analysis/ *FIBRINOGEN, urine/ *GRAFT REJECTION/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ IMMUNOASSAY/ KIDNEY, immunology/ *KIDNEY, transplantation/ POSTOPERATIVE COMPLICATIONS/ TRANSPLANTATION, HOMOLOGOUS

4377. **Lanchantin GF, Friedmann JA, Hart DW:** Two forms of human thrombin. Isolation and characterization. J Biol Chem 248:5956-66, 10 Sep 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CATTLE/ CITRATES/ DRUG STABILITY/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ HORSES/ HUMAN/ MACROMOLECULAR SYSTEMS/ MODELS, CHEMICAL/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ PEPTIDE HYDROLASES/ *PEPTIDES, analysis/ PROTHROMBIN/ PROTHROMBIN TIME/ SNAKES/ SODIUM DODECYL SULFATE/ SPECIES SPECIFICITY/ TEMPERATURE/ *THROMBIN, isolation & purification/ THROMBIN, metabolism/ VENOMS

4378. **Landay ME:** Spherules in the serology of Coccidioides immitis. II. Complement fixation tests with human sera. Mycopathol Mycol Appl 49:45-52, 31 Jan 73
*ANTIGENS, FUNGAL/ ANTIGENS, FUNGAL, isolation & purification/ BLASTOMYCES, immunology/ *COCCIDIOIDES, immunology/ COCCIDIOIDOMYCOSIS, blood/ COMPLEMENT FIXATION TESTS/ CROSS REACTIONS/ GEL DIFFUSION TESTS/ HISTOPLASMA, immunology/ HUMAN/ IMMUNE SERUMS/ LIPASE/ MURAMIDASE/ PRECIPITATION/ TRYPSIN

4379. **Landbeck G, Kurme A:** Regeln und Richtlinien zur Therapie der Hämophilie.
Fortschr Med 90:542-6, 11 May 72 (Ger)
ANALGESICS AND ANTIPYRETICS, administration & dosage/ ANTIFIBRINOLYTIC AGENTS, administration & dosage/ BLOOD TRANSFUSION/ FACTOR VIII, administration & dosage/ FACTOR VIII, therapeutic use/ FACTOR X, administration & dosage/ FACTOR X, therapeutic use/ GLUCOCORTICOIDS, administration & dosage/ *HEMOPHILIA, drug therapy/ HEMOSTASIS/ HUMAN

4380. **Landbeck G, Kurme A:** Aktuelle Probleme der ärztlichen Versorgung Hämophiler.
Fortschr Med 90:525-9, 11 May 72 (Ger)
CHILD/ CHILD, PRESCHOOL/ FEMALE/ GERMANY, WEST/ HEMOPHILIA, complications/ HEMOPHILIA, diagnosis/ HEMOPHILIA, familial & genetic/ HEMOPHILIA, mortality/ HEMOPHILIA, occurrence/ HEMOPHILIA, physiopathology/ HEMOPHILIA, therapy/ *HEMOPHILIA, therapy/ HUMAN/ INFANT/ INFANT, NEWBORN/ LIFE EXPECTANCY/ MALE/ PROGNOSIS/ SEX CHROMOSOMES

4381. **Landbeck G, Kurme A:** Verhütung körperbehindernder Blutungsfolgen bei schwerer und mittelschwerer Hämophilie. Med Welt 24:763-8, 11 May 73 (Ger)
ADOLESCENCE/ FACTOR VIII, administration & dosage/ FACTOR IX, administration & dosage/ *HEMOPHILIA, complications/ *HEMORRHAGE, prevention & control/ HUMAN/ MALE/ PROGNOSIS

4382. **Landbo K:** A case of optic disc angioma with a fluorescein angiography.
Acta Ophthalmol (Kbh) 50:431-5, 1972
EYE NEOPLASMS/ *EYE NEOPLASMS, diagnosis/ FEMALE/ FLUORESCENCE ANGIOGRAPHY/ *FUNDUS OCULI/ HEMANGIOMA/ *HEMANGIOMA, diagnosis/ HUMAN/ MIDDLE AGE

4383. **Landers MB 3d:** Fluorescein angiography: case presentation. Ann Ophthalmol 5:436-42, Apr 73
*ANGIOMATOSIS, diagnosis/ ANGIOMATOSIS, surgery/ CHILD/ *EYE NEOPLASMS, diagnosis/ EYE NEOPLASMS, surgery/ *FLUORESCENCE ANGIOGRAPHY/ *FUNDUS OCULI/ HEMORRHAGE, complications/ HUMAN/ LIGHT COAGULATION/ MACULA LUTEA/ MALE

4384. **Landmann H:** Hirudin und andere Thrombininhibitoren aus blutsaugenden Tieren.
Folia Haematol (Leipz) 98:437-45, 1972 (Ger)
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ *ANTITHROMBIN/ BLOOD COAGULATION, drug effects/ FIBRINOGEN, metabolism/ HIRUDIN, analysis/ *HIRUDIN, pharmacodynamics/ LEECHES/ MOLECULAR WEIGHT/ THROMBIN, metabolism

4385. **Landrgot B, Spán V, Cepelák V, et al:** Zkušenosti s chirurgickou léčbou u nemocných s hemofilií.
Acta Chir Orthop Traumatol Cech 40:136-9, Apr 73 (Cze)
CRYOTHERAPY/ ENGLISH ABSTRACT/ *HEMOPHILIA, complications/ HEMORRHAGE, therapy/ HUMAN/ MALE/ METHODS/ *WOUNDS AND INJURIES, surgery

4386. **Lang JM, Oberling F, North ML, et al:** Selective IgA deficiency and idiopathic thrombocytopenia.
Ann Intern Med 79:274-5, Aug 73
ANTI-ANTIBODIES, analysis/ FEMALE/ HUMAN/ *IGA/ IGA, analysis/ *IMMUNOLOGIC DEFICIENCY SYNDROMES, complications/ MIDDLE AGE/ *THROMBOPENIA, complications

4387. **Lang W, Mennicke WH:** Pharmakokinetische Untersuchungen mit tritiiertem Aescin an Maus und Ratte.
Arzneim Forsch 22:1928-32, Nov 72 (Ger)
ADMINISTRATION, ORAL/ AESCULUS, blood/ *AESCULUS, metabolism/ AESCULUS, pharmacodynamics/ AESCULUS, urine/ ANIMAL EXPERIMENTS/ BILE, analysis/ CHROMATOGRAPHY, PAPER/ ENGLISH ABSTRACT/ INJECTIONS, INTRAVENOUS/ INTESTINAL ABSORPTION/ LYMPH, analysis/ MALE/ MICE/ MICE, INBRED STRAINS/ RATS/ TIME FACTORS/ TRITIUM

4388. **Langdon DE, Harlan JR, Bailey RL:** Thrombophlebitis with diazepam used intravenously.
JAMA 223:184-5, 8 Jan 73
ADULT/ CLINICAL RESEARCH/ *DIAZEPAM, adverse effects/ *ENDOSCOPY/ ESOPHAGOSCOPY/ FEMALE/ FOLLOW-UP STUDIES/ GASTROSCOPY/ HEPARIN, therapeutic use/ HUMAN/ HYDROCORTISONE, therapeutic use/ MALE/ MIDDLE AGE/ *PREMEDICATION, adverse effects/ SODIUM

CHLORIDE, therapeutic use/ *THROMBOPHLEBITIS, chemically induced/ THROMBOPHLEBITIS, drug therapy

4389. **Lange HP, Jürgens J:** Urokinase-Ausscheidung, juxtaglomerulärer Apparat, intratubuläre Zylinderbildung und exogene Fibrinolyse bei postischämischer Nephrose der Ratte.
Beitr Pathol 148:103-26, Feb 73 (Ger)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYTIC AGENTS, urine/ ISCHEMIA, complications/ JUXTAGLOMERULAR APPARATUS, pathology/ KIDNEY, blood supply/ *KIDNEY DISEASES, pathology/ KIDNEY TUBULES/ RATS/ TIME FACTORS/ VASCULAR DISEASES, complications

4390. **Lange JA de, Veltkamp JJ:** The preservation of leukocytes in stored blood. Vox Sang 24:261-3, Mar 73
*BLOOD PRESERVATION/ EDTA/ HUMAN/ LEUKOCYTE COUNT/ *LEUKOCYTES

4391. **Langeron P, Callens J, Croccel L, et al:** Accidents occlusifs sous traitement anticoagulant. Hématome intra-mural de l'intestin grêle (4 observations.
Chirurgie 98:199-205, 1 Mar 72 (Fre)
AGED/ *ANTICOAGULANTS, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HEMATOMA, chemically induced/ *HEMATOMA, complications/ HUMAN/ *INTESTINAL OBSTRUCTION, etiology/ *INTESTINE, SMALL/ MALE/ MIDDLE AGE

4392. **Langlois J, Binet JP, Planché C, et al:** Les contusions cardio-vasculaires au cours des traumatismes du thorax. Rev Chir Orthop 59:Suppl 1:324-33, 1973 (Fre)
AORTIC RUPTURE, etiology/ *CARDIOVASCULAR DISEASES, etiology/ CONTUSIONS, etiology/ HEART ANEURYSM, etiology/ HEART INJURIES, etiology/ HEMATOMA, etiology/ HUMAN/ INNOMINATE ARTERY, injuries/ MEDIASTINAL DISEASES, etiology/ PERICARDIAL EFFUSION, etiology/ RUPTURE, etiology/ *THORACIC INJURIES, complications

4393. **Langston HT, Callaghan RS, Mehl R:** Blood for autologous transfusion.
Bull Soc Int Chir 31:514-9, Nov-Dec 72
ADOLESCENCE/ ADULT/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION, AUTOLOGOUS/ FEMALE/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ *SURGERY, OPERATIVE/ TUBERCULOSIS, PULMONARY, surgery

4394. **Lantz JM, Quigley JH:** Intraocular pressure after cataract extraction: effects of alpha chymotrypsin.
Can J Ophthalmol 8:339-43, Apr 73
ACETAZOLAMIDE, pharmacodynamics/ AGED/ CATARACT, complications/ *CATARACT EXTRACTION, adverse effects/ *CHYMOTRYPSIN, adverse effects/ GLAUCOMA, complications/ HUMAN/ *INTRAOCULAR PRESSURE, drug effects/ MANNITOL, pharmacodynamics/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ TIME FACTORS/ TONOMETRY

4395. **Lanyi JK:** Influence of electron transport on the interaction between membrane lipids and Triton X-100 in Halobacterium cutirubrum.
Biochemistry 12:1433-8, 27 Mar 73
ALKENES, metabolism/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, enzymology/ CELL MEMBRANE, metabolism/ CELL MEMBRANE PERMEABILITY/ CYANATES, pharmacodynamics/ DENSITOMETRY/ DRUG RESISTANCE, MICROBIAL/ ELECTRON TRANSPORT/ FATTY ALCOHOLS, metabolism/ HALOBACTERIUM, drug effects/ HALOBACTERIUM, enzymology/ *HALOBACTERIUM, metabolism/ KINETICS/ *LIPIDS, metabolism/ NADH, NADPH OXIDOREDUCTASES, metabolism/ OXYGEN CONSUMPTION/ PIGMENTS, metabolism/ POTASSIUM, pharmacodynamics/ SPECTROPHOTOMETRY/ *SURFACE-ACTIVE AGENTS, pharmacodynamics/ SURFACE PROPERTIES/ VITAMIN K

4396. **Lapeyrolerie F:** Management of dentoalveolar hemorrhage. Dent Clin North Am 17:523-32, Jul 73
BLOOD COAGULATION/ BLOOD COAGULATION DISORDERS, classification/ COLD/ HEMORRHAGE, ORAL, classification/ HEMORRHAGE, ORAL, prevention & control/ *HEMORRHAGE, ORAL, therapy/ HEMOSTATICS, therapeutic use/ HUMAN/ PRESSURE/ *SURGERY, ORAL

4397. **Lapin R, Kantrowitz A, Degenshein GA:** Guided balloon catheter for proximal hemostatic control of ruptured abdominal aortic aneurysm. Am Surg 39:271-4, May 73
ANIMAL EXPERIMENTS/ *AORTA, ABDOMINAL/ *AORTIC ANEURYSM, complications/ *AORTIC RUPTURE, therapy/ *CATHETERIZATION, instrumentation/ DOGS/ *HEMOSTASIS

4398. **Laplace JP:** Circulation sanguine croisée chronique chez le porc. Technique chirurgicale, entretien, validité.
J Physiol (Paris) 64:165-72, 1972 (Fre)
ANIMAL EXPERIMENTS/ ANTICOAGULANTS, therapeutic use/ AORTA, ABDOMINAL, surgery/ ARTERIOVENOUS SHUNT, SURGICAL/ BLOOD CIRCULATION/ BLOOD VESSEL PROSTHESIS/ BODY WEIGHT/ ENGLISH ABSTRACT/ FEMALE/ HISTOCOMPATIBILITY TESTING/ MALE/ METHODS/ NEPHRECTOMY/ *PARABIOSIS/ RENAL ARTERY, surgery/ *SWINE/ VENA CAVA, INFERIOR, surgery

4399. **Laporte F, Lachaize A:** Rupture du rein et de la rate chez un polytraumatisé. L'utilité de l'artériographie sélective pour le traitement opératoire simultané des deux lésions.
J Urol Nephrol (Paris) 78:511-21, Jun 72 (Fre)
ADULT/ *ANGIOGRAPHY/ AORTOGRAPHY/ HEMATOMA, radiography/ HUMAN/ *KIDNEY, injuries/ MALE/ NEPHRECTOMY/ *RENAL ARTERY, radiography/ SHOCK, TRAUMATIC/ SPLENECTOMY/ *SPLENIC ARTERY, radiography/ *SPLENIC RUPTURE, radiography/ UROGRAPHY

4400. **Laporte JC:** Action in vitro de l'éthanol sur les activités antitrypsique et protéolytique du plasma et du sérum.
Nutr Metab 14:271-81, 1972 (Fre)
ALCOHOL, ETHYL, administration & dosage/ *ALCOHOL, ETHYL, pharmacodynamics/ ANIMAL EXPERIMENTS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ GELATIN/ MATHEMATICS/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, blood/ PLASMA, metabolism/ PROTEIN BINDING/ RATS/ TIME FACTORS/ TRYPSIN, blood/ TRYPSIN, pharmacodynamics/ *TRYPSIN INHIBITORS, blood

4401. **Laporte JC, Trémolières J:** Action de la trypsine et des inhibiteurs trypsiques sur la sécrétion pancréatique.
Nutr Metab 15:192-206, 1973 (Fre)
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ BODY WATER/ DUODENUM/ ENGLISH ABSTRACT/ INJECTIONS/ INJECTIONS, INTRAPERITONEAL/ INTESTINAL ABSORPTION/ MALE/ *PANCREAS/ PANCREAS, drug effects/ PANCREAS, physiology/ PANCREAS, secretion/ PANCREAS, surgery/ PANCREATIC FISTULA/ PANCREATIC JUICE, enzymology/ *PANCREATIC JUICE, secretion/ PANCREOZYMIN, metabolism/ RATS/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPSIN, administration & dosage/ TRYPSIN, blood/ *TRYPSIN, pharmacodynamics/ TRYPSIN INHIBITORS, administration & dosage/ *TRYPSIN INHIBITORS, pharmacodynamics

4402. **Lapousse JC, Hawthorn E:** Essai de traitement local des affections rhumatismales par un inhibiteur d'enzymes (inhibiteur de Kunitz.
Rhumatologie 24:263-71, Aug-Sep 72 (Fre)

ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AGED/ *ANTI-INFLAMMATORY AGENTS, therapeutic use/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ INJECTIONS, INTRA-ARTICULAR/ MALE/ MIDDLE AGE/ PANCREATIC EXTRACTS, therapeutic use/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDES, therapeutic use/ *RHEUMATISM, drug therapy

4403. **Lapras C, Bochu M, Russel F, et al:** Les angiomes de la tête du noyau caudè (a propos de 8 cas opèrès.
Neurochirurgie 18:471-83, Sep-Oct 72 (Fre)
ADOLESCENCE/ ADULT/ *BRAIN NEOPLASMS/ BRAIN NEOPLASMS, pathology/ BRAIN NEOPLASMS, radiography/ BRAIN NEOPLASMS, surgery/ *CAUDATE NUCLEUS/ CAUDATE NUCLEUS, pathology/ CAUDATE NUCLEUS, radiography/ CAUDATE NUCLEUS, surgery/ CEREBRAL ANGIOGRAPHY/ CHILD/ ENGLISH ABSTRACT/ *HEMANGIOMA/ HEMANGIOMA, pathology/ HEMANGIOMA, radiography/ HEMANGIOMA, surgery/ HUMAN/ MIDDLE AGE

4404. **Larato DC:** Oral tissue changes in the chronic alcoholic.
J Periodontol 43:772-3, Dec 72
*ALCOHOLISM, complications/ BLOOD COAGULATION FACTORS/ CHRONIC DISEASE/ FACE/ HUMAN/ ORAL HEALTH/ ORAL HYGIENE/ *ORAL MANIFESTATIONS/ PAROTID GLAND, physiopathology/ PERIODONTAL DISEASES, etiology/ PRECANCEROUS CONDITIONS/ SALIVARY GLAND DISEASES/ SKIN MANIFESTATIONS/ TONGUE DISEASES, etiology

4405. **Larcan A, Stoltz JF:** Proprieties electrocinetiques des elements figures du sang humain (globules rouges, plaquettes, lymphocytes.
Biorheology 10:189-205, Jun 73 (103 ref.) (Fre)
AMMONIUM COMPOUNDS/ ANTIBODIES/ ANTIGEN-ANTIBODY REACTIONS/ ANTILYMPHOCYTE SERUM/ BLOOD COAGULATION/ *BLOOD PLATELETS, physiology/ BLOOD PROTEINS/ CARBONATES/ ELECTROPHORESIS/ *ERYTHROCYTES, physiology/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INTERCELLULAR JUNCTIONS/ IONS/ ISOANTIBODIES/ *LYMPHOCYTES, physiology/ *MEMBRANE POTENTIALS/ NEURAMINIC ACIDS, physiology/ NEURAMINIDASE, pharmacodynamics/ PHOSPHATES/ PLATELET ADHESIVENESS/ REVIEW/ SULFHYDRYL REAGENTS/ SURFACE PROPERTIES

4406. **Larcan A, Stoltz JF, Streiff F, et al:** Action de l'ADP sur la pression de filtration d'un plasma riche en plaquettes. Corrélation avec l'agrégation plaquettaire.
C R Soc Biol (Paris) 166:1065-6, 1972 (Fre)
*ADENOSINE DIPHOSPHATE, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, physiology/ CENTRIFUGATION/ FILTRATION/ KINETICS/ MANOMETRY/ METHODS/ *PLASMA, drug effects/ PLATELET ADHESIVENESS/ PRESSURE

4407. **Larcan A, Stoltz JF, Vigneron C, et al:** Modification de la fragilité osmotique des globules rouges au cours dela conservation du sang prélevé sur ACD. Incidence rhéologique. Biorheology 9:83-5, Jun 72 (Fre)
BLOOD DONORS/ *BLOOD PRESERVATION/ BLOOD SPECIMEN COLLECTION/ CELL MEMBRANE/ *CITRATES/ *ERYTHROCYTES, physiology/ *GLUCOSE/ HEMOLYSIS/ HUMAN/ MODELS, BIOLOGICAL/ *OSMOTIC FRAGILITY/ TIME FACTORS

4408. **Larcan A, Stoltz JF, Nicolas A:** Etude de l'agrégation plaquettaire à l'aide de la technique de la pression de filtration.
Agressologie 13:207-12, 1972 (Fre)
*BLOOD COAGULATION TESTS, instrumentation/ *BLOOD PLATELETS/ ENGLISH ABSTRACT/ FILTRATION/ HEMATOCRIT/ HUMAN/ PRESSURE/ SURFACE PROPERTIES/ TEMPERATURE

4409. **Larcan A, Stoltz JF, Nicolas A, et al:** Propriétś électrocinétiques des plaquettes humaines.
Nouv Rev Fr Hematol 13:119-34, Jan-Feb 73 (Fre)
ANTIBODIES/ *BLOOD PLATELETS/ BLOOD PLATELETS, immunology/ BLOOD PROTEIN ELECTROPHORESIS/ *ELECTROPHYSIOLOGY/ ENGLISH ABSTRACT/ HUMAN/ METHODS

4410. **Larcan A, Stoltz JF, Vigneron C, et al:** Application de l'électrophorèse en phase liquide à l'étude des groupements ionisés des plaquettes humaines sensibles à une phosphatase alcaline.
C R Acad Sci [D] (Paris) 276:2349-51, 9 Apr 73 (Fre)
*ALKALINE PHOSPHATASE, pharmacodynamics/ *BLOOD PLATELETS/ ELECTROPHORESIS/ HUMAN

4411. **Larcan A, Streiff F, Stoltz JF, et al:** Action de deux polybases sur la charge et l'agrégation des plaquettes.
Experientia 28:1096-7, 15 Sep 72 (Fre)
*BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, physiology/ CELL MOVEMENT/ *DEXTRAN, pharmacodynamics/ ELECTROPHORESIS/ ELECTROPHYSIOLOGY/ *HEPARIN ANTAGONISTS, pharmacodynamics/ HUMAN/ HYDROCARBONS, HALOGENATED, pharmacodynamics/ *PLATELET ADHESIVENESS, drug effects/ *POLYAMINES, pharmacodynamics/ POLYMERS, pharmacodynamics

4412. **Larena A, Zimmermann F, Zehle A:** Behandlung der "Stress-Ulkus"-Blutung durch Magenunterkühlung.
Fortschr Med 90:1005-8, 12 Oct 72 (Ger)
DUODENAL ULCER, etiology/ *DUODENAL ULCER, therapy/ *GASTRIC HYPOTHERMIA/ GASTRIC HYPOTHERMIA, adverse effects/ GASTRIC HYPOTHERMIA, instrumentation/ HEMOSTASIS/ HUMAN/ PEPTIC ULCER HEMORRHAGE, etiology/ *PEPTIC ULCER HEMORRHAGE, therapy/ STOMACH ULCER, etiology/ *STOMACH ULCER, therapy/ *STRESS, PSYCHOLOGICAL

4413. **Lareng L, Boneu B, Cathala B, et al:** Conduite pratique de l'héparinothérapie chez les opérés récents et les polytraumatisés.
Can Anesthesiol 20:503-6, Jul-Sep 72 (Fre)
*HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ *POSTOPERATIVE CARE/ *THROMBOEMBOLISM, prevention & control/ *WOUNDS AND INJURIES, complications

4414. **Large B:** Treatment of renal disease. 5. Haemodialysis.
Nurs Times 68:1282-6, 12 Oct 72
*HEMODIALYSIS/ HEPARIN, administration & dosage/ HUMAN/ KIDNEY, ARTIFICIAL/ KIDNEY FAILURE, ACUTE, therapy

4415. **Largo R, Sigg P, Felten A von, et al:** Erworbener Faktor-IX-Hemmkorper bei einem nicht-hamophilen Patienten mit Autoimmunkrankheit.
Schweiz Med Wochenschr 102:1612-3, 4 Nov 72 (Ger)
*AUTOIMMUNE DISEASES, blood/ BLOOD COAGULATION/ CHILD/ ENGLISH ABSTRACT/ *FACTOR IX, antagonists & inhibitors/ HUMAN/ IGG, analysis/ MALE/ THROMBIN, analysis/ THROMBOPLASTIN, analysis

4416. **Larkin EC, Williams WT, Ulvedal F:** Human hematologic responses to 4 hr of isobaric hyperoxic exposure (100 per cent oxygen at 760 mm Hg).
J Appl Physiol 34:417-21, Apr 73
*BILIRUBIN, blood/ *BLOOD CELLS/ BLOOD PLATELETS/ ERYTHROCYTE COUNT/ ERYTHROCYTES, metabolism/ ERYTHROCYTES, ABNORMAL/ *GLUTATHIONE, blood/ HEMATOCRIT/ *HEMOGLOBIN/ HEMOGLOBINOMETRY/ HEMOLYSIS/ HUMAN/ LEUKOCYTES/ MALE/ OSMOTIC FRAGILITY/ *OXYGEN/ PLASMA, metabolism/ RETICULOCYTES

4417. **Larmas M:** Observations on endopeptidases in human carious dentin. Scand J Dent Res 80:520-3, 1972

*ARGININE, metabolism/ BENZOATES, metabolism/ CETYLPYRIDINIUM, pharmacodynamics/ *DENTAL CARIES, enzymology/ DENTAL CARIES, metabolism/ *DENTIN, enzymology/ DNA, analysis/ EDTA, pharmacodynamics/ *HEMOGLOBIN, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ IN VITRO/ MERCURY, pharmacodynamics/ NAPHTHALENES, metabolism/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, metabolism/ TRYPTOPHAN, analysis/ TYROSINE, analysis

4418. **Larmas M, Mäkinen KK, Scheinin A:** Studies on dog saliva. IV. The effect of carbohydrate diet on the activity of some hydrolytic enzymes.
Acta Odontol Scand 30:629-41, Dec 72
ACID PHOSPHATASE, metabolism/ AMYLASE, metabolism/ ANIMAL EXPERIMENTS/ BLOOD SUGAR/ DENTAL CARIES, etiology/ DENTITION/ *DIETARY CARBOHYDRATES/ DOGS/ ENZYME ACTIVATION/ ENZYME INDUCTION/ GROWTH/ HYDROLASES, metabolism/ HYDROLYSIS/ PEPTIDE HYDROLASES, metabolism/ POLYSACCHARIDES, metabolism/ PROTEINS, analysis/ SALIVA, analysis/ *SALIVA, enzymology/ TOOTH, DECIDUOUS/ TOOTH ERUPTION/ TOOTH EXFOLIATION

4419. **Larmi TK:** Jaundice following cardiopulmonary by-pass. Ann Chir Gynaecol Fenn 62:2-8, 1973
AGE FACTORS/ ALANINE AMINOTRANSFERASE, blood/ ANOXIA, complications/ AORTIC VALVE, surgery/ ASPARTATE AMINOTRANSFERASE, blood/ BLOOD DONORS/ BLOOD TRANSFUSION, adverse effects/ *EXTRACORPOREAL CIRCULATION, adverse effects/ FIBRINOGEN/ HEART FAILURE, CONGESTIVE, complications/ HEART, MECHANICAL, adverse effects/ HEMOLYSIS/ HEPATITIS, occurrence/ HEPATITIS, INFECTIOUS, etiology/ HEPATITIS, TOXIC, etiology/ HUMAN/ *JAUNDICE, etiology/ LIVER DISEASES, enzymology/ MITRAL VALVE, surgery/ POSTOPERATIVE COMPLICATIONS/ SULFOBROMOPHTHALEIN, diagnostic use/ TIME FACTORS

4420. **Larmi TK:** Total proteolytic activity in experimental pancreatitic tissue.
Ann Chir Gynaecol Fenn 61:254-9, 1972
ANIMAL EXPERIMENTS/ CASEIN, diagnostic use/ CHYMOTRYPSIN, pharmacodynamics/ DOGS/ ELECTROPHORESIS/ ENZYME ACTIVATION/ PANCREAS, blood supply/ *PANCREAS, enzymology/ PANCREAS, pathology/ *PANCREATITIS, enzymology/ PANCREATITIS, pathology/ PANCREATITIS, physiopathology/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, metabolism/ REGIONAL BLOOD FLOW/ STIMULATION, CHEMICAL

4421. **Laros RK Jr, Collins J, Penner JA, et al:** Coagulation changes in saline-induced abortion.
Am J Obstet Gynecol 116:271-6, 15 May 73
*ABORTION, INDUCED/ BLOOD CELL COUNT/ *BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, analysis/ FACTOR V, analysis/ FACTOR VII, analysis/ FACTOR IX, analysis/ FACTOR X, analysis/ FACTOR XI, analysis/ FACTOR XII, analysis/ FEMALE/ FIBRIN, analysis/ FIBRINOGEN/ GESTATIONAL AGE/ HUMAN/ HYPERTONIC SOLUTIONS, administration & dosage/ PREGNANCY/ PROTHROMBIN TIME

4422. **Larrieu H, Strich M:** Une complication rare de traitement anticoagulant: l'hématome de la paroi vésicale.
Bull Mem Soc Chir Paris 62:350-6, Dec 72 (Fre)
ADULT/ *BLADDER DISEASES, chemically induced/ FEMALE/ *HEMATOMA, chemically induced/ *HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN

4423. **Larsén C, Dallner G, Ernster L:** Association of sialic acid with microsomal membrane structures in rat liver.
Biochem Biophys Res Commun 49:1300-6, 4 Dec 72
ANIMAL EXPERIMENTS/ CELL MEMBRANE, analysis/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ DEOXYCHOLIC ACID/ GOLGI APPARATUS, analysis/ LIVER, cytology/ MEMBRANES, drug effects/ MEMBRANES, metabolism/ *MICROSOMES, LIVER, metabolism/ NEURAMINIC ACIDS, analysis/ NEURAMINIC ACIDS, isolation & purification/ *NEURAMINIC ACIDS, metabolism/ NEURAMINIDASE/ PHENOBARBITAL, pharmacodynamics/ PROTEIN BINDING/ RATS/ TRYPSIN

4424. **Larsen RA:** Family studies in systemic lupus erythematosus. I. A proband material from central eastern Norway.
Acta Med Scand [Suppl] 543:11-9, 1972
ADOLESCENCE/ ADULT/ AGED/ BLOOD PLATELET DISORDERS/ CHILD/ FEMALE/ FEVER, complications/ GAMMA GLOBULIN, analysis/ HEMAGGLUTINATION TESTS/ HEMOGLOBIN, analysis/ HUMAN/ LUNG DISEASES, complications/ LUPUS ERYTHEMATOSUS, SYSTEMIC, blood/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ LUPUS ERYTHEMATOSUS, SYSTEMIC, diagnosis/ LUPUS ERYTHEMATOSUS, SYSTEMIC, familial & genetic/ LUPUS ERYTHEMATOSUS, SYSTEMIC, mortality/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, occurrence/ MALE/ MIDDLE AGE/ NORWAY/ PROTEINURIA, complications/ PURPURA, complications/ RHEUMATISM, complications/ RHEUMATOID FACTOR, analysis/ SKIN MANIFESTATIONS

4425. **Larson NE, Crampton AR:** A surgical procedure for postmastectomy edema. Arch Surg 106:475-81, Apr 73
ADHESIONS, surgery/ *ARM/ ARM, blood supply/ *AXILLARY VEIN/ AXILLARY VEIN, surgery/ COLLATERAL CIRCULATION/ FEMALE/ HUMAN/ *LYMPHEDEMA, etiology/ *MASTECTOMY, adverse effects/ PHLEBOGRAPHY/ POSTOPERATIVE COMPLICATIONS/ *SUBCLAVIAN VEIN/ SUBCLAVIAN VEIN, surgery/ *VENOUS INSUFFICIENCY, complications/ VENOUS INSUFFICIENCY, radiography/ VENOUS INSUFFICIENCY, surgery

4426. **Larsson-Cohn U, Fagerhol MK, Ahlidgaard U:** Concentration of antithrombin 3 during combined and progestogen-only oral contraceptive treatment.
Acta Obstet Gynecol Scand 51:315-7, 1972
ADOLESCENCE/ ADULT/ *ANTITHROMBIN, blood/ BLOOD COAGULATION, drug effects/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ HUMAN/ NORETHINDRONE, administration & dosage/ *NORETHINDRONE, pharmacodynamics/ TIME FACTORS

4427. **Lasch HG:** Shock und Mikrozirkulation.
Verh Dtsch Ges Inn Med 77:1235-9, 1971 (Ger)
BLOOD VISCOSITY/ CAPILLARY PERMEABILITY/ DISSEMINATED INTRAVASCULAR COAGULATION/ FIBRINOLYSIS/ HUMAN/ *MICROCIRCULATION/ PLATELET ADHESIVENESS/ *SHOCK, physiopathology

4428. **Lasch HG:** Parenterale therapie; blut- und Blutderivate.
Langenbecks Arch Chir 332:239-44, 1972 (Ger)
BLOOD COAGULATION DISORDERS, therapy/ BLOOD COAGULATION FACTORS/ *BLOOD TRANSFUSION/ BLOOD TRANSFUSION, adverse effects/ ENGLISH ABSTRACT/ HUMAN/ INFUSIONS, PARENTERAL/ METHODS/ MICROCIRCULATION/ SHOCK, therapy/ TRANSPLANTATION

4429. **Lash AF, Stepto RC:** Chicago technique for vaginal hysterectomy at the Cook County Hospital.
Clin Obstet Gynecol 15:755-68, Sep 72
ANESTHESIA/ CARCINOMA IN SITU, surgery/ CERVIX NEOPLASMS, surgery/ CHICAGO/ FEMALE/ HEMOSTASIS/ HUMAN/

*HYSTERECTOMY/ LEIOMYOMA, surgery/ LIGATION/ MENSTRUATION DISORDERS, surgery/ METHODS/ POLYPS, surgery/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ PREOPERATIVE CARE/ SUPPURATION, surgery/ UTERINE DISEASES, surgery/ UTERINE HEMORRHAGE, surgery/ UTERINE NEOPLASMS, surgery/ UTERINE PROLAPSE, surgery/ VAGINA

4430. László E: Adatok az uraemiás thrombopathiához.
Orv Hetil 114:1616-8, 8 Jul 73 (Hun)
ADULT/ *BLOOD PLATELET DISORDERS, complications/ HUMAN/ KIDNEY FAILURE, ACUTE, blood/ MIDDLE AGE/ NEPHRITIS, blood/ PYELONEPHRITIS, blood/ *UREMIA, blood

4431. Latallo ZS, Malanowicz W: Reptilase and thrombin clotting time of plasma from patients treated with streptokinase. J Clin Pathol 25:625, Jul 72
*BLOOD COAGULATION TESTS/ HUMAN/ *PEPTIDE HYDROLASES/ SNAKES/ *STREPTOKINASE, therapeutic use/ *THROMBIN/ VENOMS

4432. Latner AL, Longstaff E, Pradhan K: Inhibition of malignant cell invasion in vitro by a proteinase inhibitor. Br J Cancer 27:460-4, Jun 73
CELL LINE/ CELL TRANSFORMATION, NEOPLASTIC/ HAMSTERS/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ KIDNEY/ LACTATE DEHYDROGENASE ISOENZYMES/ MICE/ NEOPLASM TRANSPLANTATION/ *NEOPLASMS, EXPERIMENTAL/ ORGAN CULTURE/ ORGAN WEIGHT/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *POLYOMA VIRUS/ TISSUE CULTURE

4433. Latner AL, Longstaff E, Lunn JM: Influence of histones on nuclear size. Nature [New Biol] 243:107-9, 23 May 73
ANIMAL EXPERIMENTS/ *CELL NUCLEUS, drug effects/ *CELLS, CULTURED, drug effects/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *HISTONES, pharmacodynamics/ LIVER/ LYSINE, pharmacodynamics/ PROTAMINES, pharmacodynamics/ RATS

4434. Latour JG, McKay DG, Nasu K: Prevention of the generalized Schwartzman reaction by glucocorticoids.
Am J Obstet Gynecol 113:863-7, 1 Aug 72
ANIMAL EXPERIMENTS/ CORTICOTROPIN, administration & dosage/ CORTICOTROPIN, therapeutic use/ DESOXYCORTICOSTERONE, administration & dosage/ *DESOXYCORTICOSTERONE, therapeutic use/ DEXAMETHASONE, administration & dosage/ *DEXAMETHASONE, therapeutic use/ FEMALE/ HYDROCORTISONE, administration & dosage/ *HYDROCORTISONE, therapeutic use/ INJECTIONS, SUBCUTANEOUS/ KIDNEY GLOMERULUS, drug effects/ MALE/ PREDNISOLONE, administration & dosage/ PREDNISOLONE, therapeutic use/ PREGNANCY/ RABBITS/ RATS/ *SHWARTZMAN PHENOMENON, prevention & control/ TRIAMCINOLONE, administration & dosage/ *TRIAMCINOLONE, therapeutic use

4435. Latour JG, McKay DG, Parrish MH: Activation of Hageman factor by cardiac arrest.
Thromb Diath Haemorrh 27:543-53, 31 Jul 72
ANIMAL EXPERIMENTS/ *ANOXEMIA, physiopathology/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD PRESSURE DETERMINATION/ DEXAMETHASONE, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION, prevention & control/ ERYTHROCYTES/ *FACTOR XII, analysis/ *HEART ARREST, INDUCED/ HEMATOCRIT/ HEMOGLOBIN/ OSMOTIC FRAGILITY/ PULMONARY EMBOLISM, physiopathology/ RABBITS

4436. Lau TJ, Hackett RL, Sunderman FW Jr: The carcinogenicity of intravenous nickel carbonyl in rats.
Cancer Res 32:2253-8, Oct 72
ANIMAL EXPERIMENTS/ *CARCINOGENS/ CARCINOMA, chemically induced/ FIBROSARCOMA, chemically induced/ HEMANGIOENDOTHELIOMA, chemically induced/ INJECTIONS, INTRAVENOUS/ KETONES/ LEUKEMIA, EXPERIMENTAL, chemically induced/ LUNG NEOPLASMS, chemically induced/ LYMPHOMA, chemically induced/ *NEOPLASMS, EXPERIMENTAL, chemically induced/ NICKEL, administration & dosage/ *NICKEL, pharmacodynamics/ RATS/ SARCOMA, EXPERIMENTAL, chemically induced

4437. Lauras B: Tumeurs rénales sécrétant la rénine.
Pediatrie 27:455-8, Jun 72 (Fre)
ADOLESCENCE/ ADULT/ FEMALE/ HEMANGIOPERICYTOMA, complications/ *HEMANGIOPERICYTOMA, physiopathology/ HEMANGIOPERICYTOMA, surgery/ HUMAN/ HYPERTENSION, RENAL, etiology/ *KIDNEY, secretion/ KIDNEY NEOPLASMS, complications/ *KIDNEY NEOPLASMS, physiopathology/ KIDNEY NEOPLASMS, surgery/ MALE/ NEPHRECTOMY/ *RENIN, secretion

4438. Laurell CB: Electrophoresis, specific protein assays, or both in measurement of plasma proteins?
Clin Chem 19:99-102, Jan 73
ALPHA GLOBULIN, analysis/ BETA GLOBULIN/ BLOOD CHEMICAL ANALYSIS, standards/ *BLOOD PROTEIN ELECTROPHORESIS/ *BLOOD PROTEINS, analysis/ BLOOD PROTEINS, isolation & purification/ CERULOPLASMIN, analysis/ CHEMISTRY, CLINICAL/ COMPARATIVE STUDY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ELECTROPHORESIS, STARCH GEL/ EVALUATION STUDIES/ FIBRINOGEN, analysis/ HAPTOGLOBINS, analysis/ HUMAN/ IMMUNOELECTROPHORESIS/ IMMUNOGLOBULINS, analysis/ ISOELECTRIC FOCUSING/ LIPOPROTEINS, blood/ MACROGLOBULINS, analysis/ METHODS/ MUCOPROTEINS, blood/ SERUM ALBUMIN, analysis/ TRYPSIN INHIBITORS, blood

4439. Laurell CB, Persson U: Analysis of plasma 1-antitrypsin variants and their microheterogeneity.
Biochim Biophys Acta 310:500-7, 15 Jun 73
*ALPHA GLOBULIN, analysis/ ALPHA GLOBULIN, isolation & purification/ ELECTROPHORESIS/ HUMAN/ IMMUNOELECTROPHORESIS/ METHODS/ RABBITS, immunology/ *TRYPSIN INHIBITORS, blood/ TRYPSIN INHIBITORS, isolation & purification

4440. Laurencet FL, Béboux JM, Humair L: Embolies graisseuses.
Schweiz Med Wochenschr 102:1079-83, 5 Aug 72 (Fre)
ADOLESCENCE/ ADULT/ ANTICOAGULANTS, therapeutic use/ DEXTRAN, therapeutic use/ ELECTROENCEPHALOGRAPHY/ *EMBOLISM, FAT/ EMBOLISM, FAT, diagnosis/ EMBOLISM, FAT, drug therapy/ EMBOLISM, FAT, etiology/ EMBOLISM, FAT, radiography/ ENGLISH ABSTRACT/ HUMAN/ MALE/ PROGNOSIS/ TIBIAL FRACTURES, complications

4441. Laurent G, Foveau D, Limozin N, et al: Données sur la structure primaire comparée des anhydrases carboniques érythrocytaires B et C humaines et C bovine.
C R Acad Sci [D] (Paris) 676:827-30, 29 Jan 73 (Fre)
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ *CARBONIC ANHYDRASE, analysis/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ *ERYTHROCYTES, enzymology/ HUMAN/ PROTEIN HYDROLYSATES/ TRYPSIN

4442. Laurent-Tabusse G, Giraud N, Limozin N: Structure primaire de l'anhydrase carbonique érythrocytaire B humaine. I. Hydrolyse par la trypsine et séquence des peptides trypsiques.
Biochimie 54:809-21, 1972 (Fre)

*AMINO ACID SEQUENCE/ *CARBONIC ANHYDRASE, analysis/ CHROMATOGRAPHY/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ *ERYTHROCYTES, enzymology/ GEL FILTRATION/ HUMAN/ HYDROLYSIS/ METHODS/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PROTEIN CONFORMATION/ PROTEIN HYDROLYSATES/ TRYPSIN

4443. **Lauria F, Baccarani M, Bagnara GP, et al:** La plichemioterapia del linfoma di Hodgkin. 3. IV stadio.
Haematologica (Pavia) 57:536-42, 1972 (Ita)
ADULT/ AGED/ *ANTINEOPLASTIC AGENTS, administration & dosage/ BLOOD PLATELETS, drug effects/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ FEMALE/ *HODGKIN'S DISEASE, drug therapy/ HODGKIN'S DISEASE, radiotherapy/ HUMAN/ MALE/ MIDDLE AGE/ NEUTROPHILS, drug effects/ NITROGEN MUSTARD COMPOUNDS, therapeutic use/ PREDNISONE, therapeutic use/ PROCARBAZINE, therapeutic use/ REMISSION/ TIME FACTORS/ VINCRISTINE, therapeutic use

4444. **Lautsch EV:** Pathogenetic factors in atherosclerosis.
Angiology 23:584-94, Nov 72
ANIMAL EXPERIMENTS/ *ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, pathology/ ARTERITIS, complications/ BLOOD FLOW VELOCITY/ BLOOD PRESSURE/ BLOOD VESSELS, enzymology/ BLOOD VESSELS, metabolism/ BLOOD VESSELS, pathology/ CHOLESTEROL, metabolism/ DIET, ATHEROGENIC/ HUMAN/ ISCHEMIA, complications/ LIPIDS, metabolism

4445. **Lauwers AM, Heinen W:** Correlation between the fatty acid composition and the activity of extracellular enzymes from Bacillus caldolyticus.
Arch Mikrobiol 91:241-54, 6 Jun 73
*AMYLASE, metabolism/ BACILLUS, analysis/ *BACILLUS, enzymology/ BACILLUS, growth & development/ BACILLUS, metabolism/ CELL MEMBRANE, analysis/ CELL MEMBRANE, metabolism/ CELL MEMBRANE PERMEABILITY/ CHROMATOGRAPHY, GAS/ CULTURE MEDIA/ *FATTY ACIDS, analysis/ FATTY ACIDS, metabolism/ HEAT/ ISOLEUCINE, pharmacodynamics/ LEUCINE, pharmacodynamics/ *PEPTIDE HYDROLASES, metabolism/ PROTOPLASTS, analysis/ SPHEROPLASTS, enzymology

4446. **Lavappa KS, Fu MM, Singh M, et al:** Banding patterns of chromosomes in bone marrow cells of the Chinese hamster as revealed by acetic-saline-giemsa, urea, and trypsin technics.
Lab Anim Sci 23:546-50, Aug 73
ANIMAL EXPERIMENTS/ *BONE MARROW CELLS, cytology/ BUFFERS/ CHROMOSOMES/ DYES/ FEMALE/ *HAMSTERS/ KARYOTYPING/ MALE/ *STAINS AND STAINING/ TRYPSIN/ UREA

4447. **Lavergne JM, Weiland C, Josso F:** Tentative immunochemical analysis of the prothrombin molecule.
Pathol Biol (Paris) Suppl:47-51, Dec 72
ACTIVATION ANALYSIS/ ANTIBODIES/ ANTIGENIC DETERMINANTS/ BLOOD COAGULATION/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNE SERUMS/ IMMUNOASSAY/ IMMUNOELECTROPHORESIS/ NEUTRALIZATION TESTS/ *PROTHROMBIN/ *THROMBIN

4448. **Lavis VR, Williams RH:** Lipolytic effects of high concentrations of insulin on isolated fat cells. Enhancement of the response to lipolytic hormones.
Diabetes 22:629-36, Aug 73
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ CORTICOTROPIN, pharmacodynamics/ CYCLOHEXIMIDE, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG SYNERGISM/ EPINEPHRINE, pharmacodynamics/ FATTY ACIDS, NONESTERIFIED, biosynthesis/ GAMMA GLOBULIN/ GLYCERIN, biosynthesis/ INSULIN, administration & dosage/ *INSULIN, pharmacodynamics/ INSULIN ANTIBODIES/ PUROMYCIN, pharmacodynamics/ RATS/ THEOPHYLLINE, pharmacodynamics/ TRYPSIN, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics

4449. **Lavrik SS, Poluboiarivova OV, Kushko OV, et al:** Konservirovanie x eritrotsitov metodom glubokogo zamorazhivaniia s primeneniem polivinilpirrolidona.
Vrach Delo 4:126-8, Apr 72 (Rus)
*BLOOD PRESERVATION/ CELLS, CULTURED/ ENGLISH ABSTRACT/ *ERYTHROCYTES/ *FREEZING/ HUMAN/ *POLYVINYLPYRROLIDONE

4450. **Law J:** Symposium on current surgical nursing: the fat embolism syndrome.
Nurs Clin North Am 8:191-8, Mar 73 (27 ref.)
ALCOHOL, ETHYL, therapeutic use/ CLOFIBRATE, therapeutic use/ *EMBOLISM, FAT/ EMBOLISM, FAT, nursing/ EMBOLISM, FAT, prevention & control/ FRACTURES, complications/ HEPARIN, therapeutic use/ HUMAN/ REVIEW/ STEROIDS, therapeutic use/ SURGICAL NURSING

4451. **Lawiński M, Cisek T, Soltys W, et al:** Leczenie zakrzepowego zapalenia żył kończyn dolnych streptokinazą.
Pol Przegl Chir 45:35-9, Jan 73 (Pol)
ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LEG, blood supply/ MALE/ METHODS/ MIDDLE AGE/ *STREPTOKINASE, therapeutic use/ THROMBELASTOGRAPHY/ *THROMBOPHLEBITIS, drug therapy/ TIME FACTORS

4452. **Lawkowicz W, Krzemińska-Lawkowiczowa, Borowicz JW, et al:** A case of familial thrombocytopenia-thrombocytopathia associated with haemolytic anaemia of unknown heredity pattern. An interdisciplinary approach.
Folia Haematol (Leipz) 99:191-201, 1973
ADULT/ *ANEMIA, HEMOLYTIC, familial & genetic/ ANEMIA, HEMOLYTIC, therapy/ BLOOD COAGULATION FACTORS, analysis/ *BLOOD PLATELET DISORDERS, familial & genetic/ BLOOD PLATELET DISORDERS, pathology/ CASE REPORT/ ELECTROENCEPHALOGRAPHY/ ERYTHROCYTE AGING/ FEMALE/ HUMAN/ HYPERPLASIA/ IGA, analysis/ IGM, analysis/ MEGAKARYOCYTES/ MENTAL RETARDATION, diagnosis/ MICROSCOPY, ELECTRON/ SPLEEN, pathology/ SPLENECTOMY/ *THROMBOPENIA, familial & genetic/ THROMBOPENIA, therapy

4453. **Lawkowicz W, Polubiec A, Domańska B:** Zastosowanie calcium-dobesilate w przewlekłym zakrzepowym zapaleniu żył podudzi.
Wiad Lek 26:599-601, 1 Apr 73 (Pol)
ADMINISTRATION, ORAL/ ADULT/ AGED/ CALCIUM, therapeutic use/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FEMALE/ *HEMOSTATICS, therapeutic use/ HUMAN/ *HYDROQUINONES, therapeutic use/ *LEG, blood supply/ MALE/ MIDDLE AGE/ *SULFONIC ACIDS, therapeutic use/ SYNDROME/ *THROMBOPHLEBITIS, drug therapy

4454. **Lawkowicz W, Polubiec A, Ptaszyński D:** Wartość lecznicza calcium-dobesilate w zaburzeniach hemostazy typu naczyniowego.
Wiad Lek 25:1521-4, 1 Sep 72 (Pol)
CALCIUM, therapeutic use/ *DIABETIC ANGIOPATHIES, drug therapy/ ENGLISH ABSTRACT/ *HEMORRHAGIC DIATHESIS, drug therapy/ *HEMOSTATICS, therapeutic use/ HUMAN/ *HYDROQUINONES, therapeutic use/ *PURPURA, drug therapy/ *SULFONIC ACIDS, therapeutic use

4455. **Lawrence F, Blanquet S, Poiret M, et al:** The mechanism of action of methionyl-tRNA synthetase. 3. Ion requirements and kinetic parameters of the ATP-PP

exchange and methionine-transfer reactions catalyzed by the native and trypsin-modified enzymes. Eur J Biochem 36:234-43, 2 Jul 73
ACYLATION/ ADENOSINE TRIPHOSPHATE/ *AMINO ACYL T RNA SYNTHETASES, metabolism/ AMMONIUM CHLORIDE/ CATALYSIS/ *ESCHERICHIA COLI, enzymology/ FLUORESCENCE SPECTROMETRY/ KINETICS/ MAGNESIUM/ METHIONINE/ POTASSIUM CHLORIDE/ PROTEIN BINDING/ PROTEIN CONFORMATION/ RNA, TRANSFER/ SPERMIDINE/ SPERMINE/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN

4456. **Lawson DH, Hutton MM, McNicol GP:** Chandler's thrombi as agents for the assessment of anti-thrombotic drugs in vitro.
J Clin Pathol 26:452-3, Jun 73
AMINOCAPROIC ACID, therapeutic use/ *ANTICOAGULANTS, therapeutic use/ ANTITHROMBIN/ EXTRACORPOREAL CIRCULATION/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ IN VITRO/ MORPHOLINES, therapeutic use/ PIPERAZINES, therapeutic use/ PYRIMIDINES, therapeutic use/ STREPTOKINASE, therapeutic use/ *THROMBOSIS, drug therapy

4457. **Lawson DH, Murray RM, Parker JL:** Early mortality in the megaloblastic anaemias. Q J Med 41:1-14, Jan 72
ADULT/ AGED/ ANEMIA, HYPOCHROMIC, mortality/ ANEMIA, MACROCYTIC, complications/ *ANEMIA, MACROCYTIC, mortality/ ANEMIA, MACROCYTIC, therapy/ BLOOD CELL COUNT/ BLOOD PLATELETS/ COBAMIDES, therapeutic use/ ERYTHROCYTES, analysis/ EXCHANGE TRANSFUSION/ FEMALE/ FOLIC ACID, therapeutic use/ HEMATOCRIT/ HUMAN/ HYPOKALEMIA, drug therapy/ MALE/ MIDDLE AGE/ POTASSIUM, blood/ POTASSIUM, therapeutic use/ RETROSPECTIVE STUDIES/ SCOTLAND/ THROMBOCYTOSIS, etiology/ THROMBOPENIA, etiology

4458. **Laycock MV:** The amino acid sequence of cytochrome c-553 from the Chrysophycean alga Monochrysis lutheri. Can J Biochem 50:1311-25, Dec 72
*ALGAE, analysis/ AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ ASPARAGINE, analysis/ ASPARTIC ACID, analysis/ AUTOANALYSIS/ BACTERIA, analysis/ CHYMOTRYPSIN/ CYSTEINE, analysis/ *CYTOCHROME C, analysis/ DANSYL COMPOUNDS/ ELECTRON TRANSPORT/ GLYCINE, analysis/ HORSES/ HYDROLYSIS/ MITOCHONDRIA, MUSCLE, analysis/ PEPSIN/ PEPTIDES, analysis/ PHOTOSYNTHESIS/ SPECIES SPECIFICITY/ THIOCYANATES/ TIME FACTORS/ TRYPSIN

4459. **Layman DL, Ross R:** The production and secretion of procollagen peptidase by human fibroblasts in culture. Arch Biochem Biophys 152:451-6, Aug 73
CELL COUNT/ CELL DIVISION/ CELLS, CULTURED/ CHROMATOGRAPHY, ION EXCHANGE/ *COLLAGEN, biosynthesis/ CULTURE MEDIA/ FIBROBLASTS, enzymology/ HUMAN/ *PEPTIDE HYDROLASES, biosynthesis/ PROTEIN PRECURSORS/ TIME FACTORS/ TRITIUM

4460. **Layne P, Constantopoulos A, Judge JF, et al:** The occurrence of fluoride stimulated membrane phosphoprotein phosphatase.
Biochem Biophys Res Commun 53:800-5, 6 Aug 73
BLOOD PLATELETS, cytology/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, enzymology/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, enzymology/ ENZYME ACTIVATION/ *FLUORIDES, pharmacodynamics/ GLUCOSEPHOSPHATES/ LEUKOCYTES, cytology/ LEUKOCYTES, drug effects/ *LEUKOCYTES, enzymology/ PERITONEAL CAVITY/ *PHOSPHATASES, blood/ PHOSPHATASES, metabolism/ PHOSPHOGLUCOMUTASE, metabolism/ PHOSPHOPROTEINS/ PHOSPHORUS ISOTOPES/ PROSTAGLANDINS, pharmacodynamics/ RABBITS/ TIME FACTORS

4461. **Lázár G, Karády S, Husztik E, et al:** Biological effect of basic polyglutamic acid derivatives.
Acta Physiol Acad Sci Hung 41:113-23, 1972
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD PLATELETS, drug effects/ DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ *GLUTAMATES, pharmacodynamics/ INDICATORS AND REAGENTS/ KIDNEY GLOMERULUS, metabolism/ RATS

4462. **Lázár G, Tóth A, Karády S:** Effect of adaptation to histamine and epinephrine on hyperfibrinogenaemia induced by histamine and epinephrine.
Acta Physiol Acad Sci Hung 41:107-12, 1972
ADAPTATION, PHYSIOLOGICAL/ ANIMAL EXPERIMENTS/ BODY TEMPERATURE REGULATION/ *EPINEPHRINE, pharmacodynamics/ *FIBRINOGEN, analysis/ *HISTAMINE, pharmacodynamics/ RATS

4463. **Lazarev IR, Polishchuk EI, Alpat'eva SIu, et al:** Izmeneniia perifericheskoĭ krovi bol'nykh posle lecheniia lazernym izlucheniem.
Vrach Delo 9:43-5, Sep 72 (Rus)
BLOOD COAGULATION DISORDERS, etiology/ ENGLISH ABSTRACT/ HEMATOLOGIC DISEASES, etiology/ HUMAN/ *LASERS, adverse effects/ LASERS, therapeutic use/ *SKIN NEOPLASMS, surgery

4464. **Lazarowitz SG, Compans RW, Choppin PW:** Proteolytic cleavage of the hemagglutinin polypeptide of influenza virus. Function of the uncleaved polypeptide HA. Virology 52:199-212, Mar 73
ALPHA GLOBULIN, pharmacodynamics/ AMINO ACIDS/ CARBON ISOTOPES/ CATTLE/ CELL LINE/ CHICK EMBRYO/ CYTOPATHOGENIC EFFECT, VIRAL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FIBROBLASTS/ GLUCOSAMINE/ GLYCOPROTEINS, metabolism/ HAMSTERS/ HEMAGGLUTINATION INHIBITION TESTS/ HEMAGGLUTINATION, VIRAL, drug effects/ *HEMAGGLUTININS, VIRAL/ INFLUENZA VIRUSES, growth & development/ INFLUENZA VIRUSES, immunology/ *INFLUENZA VIRUSES, metabolism/ KIDNEY/ PEPTIDES, metabolism/ PLAQUE ASSAY/ TIME FACTORS/ TISSUE CULTURE/ TRITIUM/ TRYPSIN/ VIRAL PROTEINS, metabolism

4465. **Lazarus LH, Itin A:** Activity of foot-and-mouth disease virus RNA-dependent RNA polymerase in vitro: inhibition by polyamines and poly(amino acid)s.
Arch Biochem Biophys 156:154-60, May 73
ARGININE/ CADAVERINE, pharmacodynamics/ DNA/ *FOOT-AND-MOUTH DISEASE VIRUS, enzymology/ HEPARIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LYSINE/ ORNITHINE/ PEPTIDES, pharmacodynamics/ *POLYAMINES, pharmacodynamics/ PUTRESCINE, pharmacodynamics/ RNA POLYMERASE, antagonists & inhibitors/ *RNA POLYMERASE, metabolism/ RNA, VIRAL, biosynthesis/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SPERMINE, pharmacodynamics/ TIME FACTORS

4466. **Lazdins I, Haslam EA, White DO:** The polypeptides of influenza virus. VI. Composition of the neuraminidase. Virology 49:758-65, Sep 72
AMINO ACIDS, metabolism/ CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GLUCOSAMINE, analysis/ GLUCOSAMINE, metabolism/ GLYCOPROTEINS, analysis/ *INFLUENZA VIRUSES, analysis/ INFLUENZA VIRUSES, enzymology/ IODINE ISOTOPES/ MOLECULAR WEIGHT/ *NEURAMINIDASE, analysis/ NEURAMINIDASE, isolation & purification/

NEURAMINIDASE, metabolism/ *PEPTIDES, analysis/ SODIUM DODECYL SULFATE/ SUCROSE/ TRITIUM/ TRYPSIN/ VALINE, metabolism/ *VIRAL PROTEINS, analysis

4467. **Lazerson J:** Hemophilia home transfusion program: analysis of cost data. J Pediatr 83:623-5, Oct 73
ADOLESCENCE/ ANTI-ANTIBODIES/ *BLOOD TRANSFUSION/ CHILD/ CHILD, PRESCHOOL/ COSTS AND COST ANALYSIS/ FACTOR VIII, therapeutic use/ HEMOPHILIA, drug therapy/ *HEMOPHILIA, therapy/ *HOME CARE SERVICES/ HUMAN

4468. **Lazerson J:** Hemophilia home transfusion program: effect of cryoprecipitate utilization.
J Pediatr 82:857-9, May 73
ADOLESCENCE/ *BLOOD TRANSFUSION/ CHILD/ CHILD, PRESCHOOL/ *COLD/ *FACTOR VIII, therapeutic use/ *HEMOPHILIA, therapy/ *HOME CARE SERVICES/ HUMAN

4469. **Lebas J, Hayem A, Laine A, et al:** Séparation de deux formes d'alpha 1-antitrypsine endobronchiques par chromatographie d'affinité sur "Sepharose-trypsine".
C R Acad Sci [D] (Paris) 276:2741-3, 9 May 73 (Fre)
BRONCHI, secretion/ *BRONCHITIS/ *CHROMATOGRAPHY/ CHROMATOGRAPHY, AFFINITY/ IMMUNOELECTROPHORESIS/ METHODS/ *MUCIN, analysis/ PROTEINS, analysis/ *SPUTUM, analysis/ *TRYPSIN INHIBITORS, isolation & purification

4470. **Lebeau B, Rochemaure J:** Déficits en alpha 1 antitrypsine au cours de bronchopneumopathies chroniques. Nouv Presse Med 2:843-8, 31 Mar 73 (Fre)
ADULT/ AGED/ BLOOD PROTEIN ELECTROPHORESIS/ CHRONIC DISEASE/ FEMALE/ GEL DIFFUSION TESTS/ HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ IMMUNOELECTROPHORESIS/ LUNG DISEASES, OBSTRUCTIVE, blood/ *LUNG DISEASES, OBSTRUCTIVE, familial & genetic/ LUNG DISEASES, OBSTRUCTIVE, physiopathology/ MALE/ MIDDLE AGE/ PROGNOSIS/ PULMONARY EMPHYSEMA, blood/ PULMONARY EMPHYSEMA, familial & genetic/ RESPIRATORY INSUFFICIENCY/ *TRYPSIN INHIBITORS, blood

4471. **Lebeaupin R, Guimbretiére J, Mousseau PA, et al:** A propos de quatre observations d'accidents allergiques dus à l'héparine.
Anesth Analg (Paris) 29:487-96, Jul-Aug 72 (Fre)
ABDOMEN, surgery/ ADIPOSE TISSUE, surgery/ ADULT/ ANAPHYLAXIS/ ANTIBODY SPECIFICITY/ CEREBROVASCULAR DISORDERS, chemically induced/ CESAREAN SECTION/ COOMBS' TEST/ DERMATITIS MEDICAMENTOSA/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DIVERTICULOSIS, COLONIC, surgery/ *DRUG HYPERSENSITIVITY/ FEMALE/ HEMAGGLUTINATION TESTS/ HEPARIN, administration & dosage/ *HEPARIN, adverse effects/ HUMAN/ IGG, analysis/ IMMUNOGLOBULINS, analysis/ MALE/ METHODS/ MIDDLE AGE/ MYOCARDIAL INFARCT, drug therapy/ PHLEBITIS, drug therapy/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBELASTOGRAPHY

4472. **Lebherz HG, Bradshaw RA, Rutter WJ:** Structural comparisons between the class I fructose diphosphate aldolases from Micrococcus aerogenes and rabbit.
J Biol Chem 248:1660-5, 10 Mar 73
ACETONE/ ALDOLASE, analysis/ *ALDOLASE, analysis/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BINDING SITES/ CARBON ISOTOPES/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, ION EXCHANGE/ CYANATES/ FRUCTOSE DIPHOSPHATASE, analysis/ IODOACETATES/ *MICROCOCCUS, enzymology/ MUSCLES, enzymology/ ORGANOPHOSPHORUS COMPOUNDS/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PROTEIN BINDING/ RABBITS/ THIOCYANATES/ TRIOSES/ TRITIUM/ TRYPSIN

4473. **Lebioda J, Lukasiak B:** Leczenie immunosupresyjne układowego liszaja rumieniowatego z plamicą małopłytkową.
Przegl Dermatol 59:721-5, Nov-Dec 72 (Pol)
ANTIBODIES, analysis/ ANTINUCLEAR FACTORS, analysis/ *AZATHIOPRINE, therapeutic use/ BLOOD PLATELETS, immunology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LUPUS ERYTHEMATOSUS, SYSTEMIC/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ MIDDLE AGE/ *PURPURA, THROMBOPENIC, complications

4474. **Leblanc A, Vernet A:** La néphrotoxicité des médicaments. 3. Praxis 62:93-100, 23 Jan 73 (Fre)
ANTIBIOTICS, adverse effects/ ANTINEOPLASTIC AGENTS, adverse effects/ CATECHOLAMINES, adverse effects/ DEXTRAN, adverse effects/ EDTA, adverse effects/ HUMAN/ *KIDNEY, drug effects/ *KIDNEY DISEASES, chemically induced/ PHENACETIN, adverse effects/ PHENINDIONE, adverse effects/ PHENYLBUTAZONE, adverse effects/ SALICYLATES, adverse effects

4475. **Lebrun J, Petit J, Ledieu R:** 401 prostatectomies en série continue par la technique de R. Denis.
J Urol Nephrol (Paris) 78:478-9, Jun 72 (Fre)
AGED/ *HEMOSTASIS/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ *PROSTATECTOMY/ *PROSTATIC HYPERTROPHY, surgery

4476. **Lechner K:** Inactive factor VIII in hemophilia A and Willebrand's disease. A study of 117 cases.
Acta Haematol (Basel) 48:257-68, 1972
BLOOD COAGULATION TESTS/ *FACTOR VIII, analysis/ FACTOR VIII, antagonists & inhibitors/ *HEMOPHILIA, blood/ HUMAN/ ISOANTIGENS/ NEUTRALIZATION TESTS/ *VON WILLEBRAND'S DISEASE, blood

4477. **Lechner K:** Inaktiver Faktor VIII bei Hämophilie A und Willebrandscher Erkrankung.
Verh Dtsch Ges Inn Med 78:710-3, 1972 (Ger)
*FACTOR VIII, antagonists & inhibitors/ FACTOR VIII, metabolism/ *HEMOPHILIA, blood/ HEMOPHILIA, familial & genetic/ HUMAN/ MALE/ *VON WILLEBRAND'S DISEASE, blood

4478. **Lechner K:** Diagnose und Therapie der Verbrauchskoagulopathie.
Wien Klin Wochenschr 85:467-70, 29 Jun 73 (Ger)
ADULT/ ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ COUMARINS, therapeutic use/ *DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ ENGLISH ABSTRACT/ FEMALE/ FIBRIN, analysis/ FIBRINOGEN, analysis/ FIBRINOLYSIN, analysis/ FIBRINOLYSIS, drug effects/ HEPARIN, therapeutic use/ HUMAN/ PLASMINOGEN, analysis/ PREGNANCY/ STREPTOKINASE, therapeutic use

4479. **Lecrubier C, Uzan A, Samama M:** Action in vitro d'un nouveau vasodilatateur cérébral, viquidil, sur l'aggfegation des plaquettes sanguines.
Arzneim Forsch 22:1334-6, Aug 72 (Fre)
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, drug effects/ CELL AGGREGATION, drug effects/ COLLAGEN, pharmacodynamics/ DOGS/ ENGLISH ABSTRACT/ EPINEPHRINE, pharmacodynamics/ HUMAN/ KETONES, blood/ KETONES, pharmacodynamics/ MALE/ PAPAVERINE, blood/ PAPAVERINE, pharmacodynamics/ *PIPERIDINES, pharmacodynamics/ *QUINOLINES,

pharmacodynamics/ VASODILATOR AGENTS, blood/ *VASODILATOR AGENTS, pharmacodynamics/ VINYL COMPOUNDS, blood/ VINYL COMPOUNDS, pharmacodynamics

4480. Lecuire J, Deruty R, Dechaume JP, et al: La paralysie du nerf crural par Hématome iliaque. Lyon Chir 68:349-51, Sep-Oct 72 (Fre) ADOLESCENCE/ ENGLISH ABSTRACT/ FEMALE/ *FEMORAL NERVE/ *HEMATOMA, complications/ HUMAN/ *LEG/ LUMBOSACRAL REGION, injuries/ MALE/ *NERVE COMPRESSION SYNDROMES/ *PARALYSIS, etiology

4481. Lederer K, Schurz J: High shear rate viscosity measurements with dilute solutions of bovine fibrinogen. Biopolymers 11:1989-93, 1972 CATTLE/ *FIBRINOGEN, analysis/ INDICATOR DILUTION TECHNICS/ MATHEMATICS/ VISCOSITY

4482. Ledge WJ: Infections in obstetrics and gynecology. New developments in treatment. Surg Clin North Am 52:1447-58, Dec 72 (24 ref.) ABORTION, SEPTIC, surgery/ ADNEXITIS, drug therapy/ ADNEXITIS, etiology/ ANTICOAGULANTS, therapeutic use/ BACTERIAL INFECTIONS, etiology/ BACTERIAL INFECTIONS, surgery/ *BACTERIAL INFECTIONS, therapy/ BACTEROIDES INFECTIONS, diagnosis/ BACTEROIDES INFECTIONS, drug therapy/ BACTEROIDES INFECTIONS, etiology/ CHLORAMPHENICOL, therapeutic use/ CLINDAMYCIN, therapeutic use/ CLOSTRIDIUM INFECTIONS, surgery/ CROSS INFECTION/ DRUG RESISTANCE, MICROBIAL/ FEMALE/ *GYNECOLOGIC DISEASES, therapy/ HUMAN/ LINCOMYCIN, therapeutic use/ PREGNANCY/ *PREGNANCY COMPLICATIONS, INFECTIOUS/ REVIEW/ TETRACYCLINE, therapeutic use/ THROMBOPHLEBITIS, drug therapy

4483. Lee CK, Manning JM: Kinetics of the carbamylation of the amino groups of sickle cell hemoglobin by cyanate. J Biol Chem 248:5861-5, 25 Aug 73 ANEMIA, SICKLE CELL, blood/ BINDING, COMPETITIVE/ *CARBAMATES/ CARBON DIOXIDE/ CARBON ISOTOPES/ CARBOXYHEMOGLOBIN/ COUNTERCURRENT DISTRIBUTION/ *CYANATES/ CYANATES, metabolism/ ERYTHROCYTES, metabolism/ HEMOGLOBIN/ HEMOGLOBIN, analysis/ *HEMOGLOBINS, ABNORMAL/ HEMOLYSIS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYDROXYMERCURIBENZOATES/ KINETICS/ OXYHEMOGLOBIN/ PEPTIDES, isolation & purification/ POTASSIUM/ SODIUM, metabolism/ TRYPSIN/ VALINE

4484. Lee CL, Welch JP, Winsor EJ: Banding patterns in human chromosomes: production by proteolytic enzymes. J Hered 63:296-7, Sep-Oct 72 *CHROMOSOMES/ *CHYMOTRYPSIN/ HUMAN/ KARYOTYPING/ *PEPSIN/ *TRYPSIN

4485. Lee CY, Ryan RJ: Luteinizing hormone receptors: specific binding of human luteinizing hormone to homogenates of luteinized rat ovaries. Proc Natl Acad Sci USA 69:3520-3, Dec 72 ANIMAL EXPERIMENTS/ BINDING, COMPETITIVE/ BINDING SITES/ CALCIUM CHLORIDE, pharmacodynamics/ DEOXYRIBONUCLEASE, pharmacodynamics/ FEMALE/ FSH, metabolism/ GONADOTROPINS, CHORIONIC, metabolism/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ IODINE ISOTOPES/ KINETICS/ *LH, metabolism/ MAGNESIUM SULFATE, pharmacodynamics/ OVARY, drug effects/ *OVARY, metabolism/ PEPTIDE HYDROLASES, pharmacodynamics/ POTASSIUM CHLORIDE, pharmacodynamics/ PROLACTIN, metabolism/ RADIOLIGAND ASSAY/ RATS/ *RECEPTORS, HORMONE/ RIBONUCLEASE, pharmacodynamics/ SODIUM CHLORIDE, pharmacodynamics/ TEMPERATURE

4486. Lee HH, Roberts RD: Incorporation of (3 H)glucosamine to the surface component of testicular cultures and the differential response of steroidogenic and fibroblastic cells in vitro to cytochalasin B. In Vitro 8:368-74, Mar-Apr 73 ANIMAL EXPERIMENTS/ CELL MEMBRANE, metabolism/ CELL SURVIVAL/ CELLS, CULTURED/ CHICKENS/ CYTOCHALASIN B, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ *FIBROBLASTS, drug effects/ GLUCOSAMINE, antagonists & inhibitors/ *GLUCOSAMINE, metabolism/ HISTOLOGICAL TECHNICS/ *INDOLES, pharmacodynamics/ MALE/ MICROSCOPY, PHASE CONTRAST/ *MONILIALES/ STEROIDS, biosynthesis/ TESTIS/ TRICHLOROACETIC ACID/ TRITIUM/ TRYPSIN

4487. Lee HM, Sulkin M, Hume D: A standard technique for procurement of cadaver donor organs. Transplant Proc 4:583-4, Dec 72 *CADAVER/ DIURESIS/ HEPARIN, therapeutic use/ HUMAN/ *KIDNEY, transplantation/ METHODS/ NEPHRECTOMY/ PHENOXYBENZAMINE, therapeutic use/ *TISSUE DONORS/ TISSUE PRESERVATION

4488. Lee KF, Lin SR, Schatz NJ: Neuroradiology of juxtasellar mass lesions. CRC Crit Rev Radiol Sci 3:105-69, Jan 72 ADENOMA, CHROMOPHOBE, radiography/ ANGIOMA, SCLEROSING, radiography/ ARTERIOVENOUS FISTULA, radiography/ ARTERIOVENOUS MALFORMATIONS, radiography/ *BRAIN DISEASES, radiography/ *BRAIN NEOPLASMS, radiography/ CAROTID ARTERY DISEASES, radiography/ CAVERNOUS SINUS, radiography/ CEREBRAL ANEURYSM, radiography/ CHONDROMA, radiography/ CHORDOMA, radiography/ CRANIOPHARYNGIOMA, radiography/ DISGERMINOMA, radiography/ EPENDYMOMA, radiography/ GLIOMA, radiography/ HUMAN/ MENINGIOMA, radiography/ MUCOCELE, radiography/ NASOPHARYNGEAL NEOPLASMS, radiography/ NEURILEMMOMA, radiography/ OPTIC CHIASM/ OPTIC NERVE/ *SELLA TURCICA/ TERATOID TUMOR, radiography

4489. Lee KT, Lee WM, Han J, et al: Experimental model for study of "sudden death" from ventricular fibrillation or asystole. Am J Cardiol 32:62-73, Jul 73 ANGIOCARDIOGRAPHY/ ANIMAL EXPERIMENTS/ AORTA, THORACIC, pathology/ ARRHYTHMIA, pathology/ *ARRHYTHMIA, physiopathology/ AUTOPSY/ CORONARY VESSELS, pathology/ CORONARY VESSELS, radiography/ *DEATH, SUDDEN/ DIET, ATHEROGENIC/ *DISEASE MODELS, ANIMAL/ ELECTROCARDIOGRAPHY/ HEART, drug effects/ *HEART, physiopathology/ HEART, radiation effects/ HEART CONDUCTION SYSTEM, physiopathology/ LIDOCAINE, pharmacodynamics/ LUNG, pathology/ MALE/ MYOCARDIUM, pathology/ PROPYLTHIOURACIL, pharmacodynamics/ RADIATION EFFECTS/ SWINE/ VENTRICULAR FIBRILLATION, pathology/ *VENTRICULAR FIBRILLATION, physiopathology

4490. Lee MY, Iverson RM: Protein kinase in sea urchin gametes and embryos. Exp Cell Res 75:300-4, Nov 72 ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ ANIMAL EXPERIMENTS/ *EMBRYO, enzymology/ FEMALE/ FERTILIZATION/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE/ HISTONES/ HYDROGEN-ION CONCENTRATION/ MALE/ *OVUM, enzymology/ *PHOSPHOTRANSFERASES, analysis/ PROTAMINES/ SEA URCHINS/ *SPERMATOZOA, enzymology

4491. Lee RS: Cryofibrinogen and oral contraception in women. J Am Osteopath Assoc 72:1161-5, Aug 73

ADOLESCENCE/ ADULT/ *BLOOD PROTEIN DISORDERS, chemically induced/ *COLD/ *CONTRACEPTIVES, ORAL, adverse effects/ DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ FEMALE/ *FIBRINOGEN/ HUMAN/ MIDDLE AGE

4492. **Leeds SE, Benioff MA, Ortega P:** Pulmonary lymphangiomyoma with renal angiomyolipomas.
Calif Med 119:74-8, Aug 73
ADULT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HEMANGIOMA/ HUMAN/ *KIDNEY NEOPLASMS/ KIDNEY NEOPLASMS, pathology/ *LEIOMYOMA/ *LIPOMA/ *LUNG NEOPLASMS/ LUNG NEOPLASMS, pathology/ *LYMPHANGIOMA/ RESPIRATORY INSUFFICIENCY, etiology

4493. **Leevy CM, Chen T, Zaki FG:** Differential diagnosis of cholestasis. Adv Intern Med 17:323-42, 1971 (67 ref.)
ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE/ BILE ACIDS AND SALTS, secretion/ BILE DUCTS, physiopathology/ BILE DUCTS, secretion/ BILE DUCTS, INTRAHEPATIC, secretion/ BILIRUBIN, metabolism/ CELL DIVISION/ CHENODEOXYCHOLIC ACID, secretion/ CHOLANGIOGRAPHY/ CHOLESTASIS, classification/ CHOLESTASIS, complications/ *CHOLESTASIS, diagnosis/ CHOLESTASIS, enzymology/ CHOLESTASIS, etiology/ CHOLESTASIS, metabolism/ CHOLESTASIS, therapy/ CHOLIC ACID, secretion/ DIAGNOSIS, DIFFERENTIAL/ DYES, diagnostic use/ HUMAN/ JAUNDICE, OBSTRUCTIVE, physiopathology/ LIVER, enzymology/ LIVER FUNCTION TESTS/ MITOCHONDRIA, LIVER/ PRURITUS, etiology/ REVIEW/ VITAMIN K, therapeutic use

4494. **Lefaucher C, Elchardus JF, Bardoux J, et al:** Hématome intra-pariétal duodéno-jéjunal occlusif d'allure spontanée.
Ann Chir Infant 13:283-8, Jul-Aug 72 (Fre)
CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ *HEMATOMA, complications/ HUMAN/ *INTESTINAL DISEASES, complications/ *INTESTINAL OBSTRUCTION, etiology/ INTESTINAL OBSTRUCTION, surgery/ *INTESTINE, SMALL/ MALE

4495. **Lefebvre P, Luyckx A:** Les troubles lipidiques du diabete.
Acta Cardiol (Brux) Suppl 25:55-73, 1972 (Fre)
*ADIPOSE TISSUE, metabolism/ *ARTERIOSCLEROSIS, etiology/ DIABETES MELLITUS, complications/ *DIABETES MELLITUS, metabolism/ ENGLISH ABSTRACT/ HUMAN/ INSULIN, physiology/ LIPID MOBILIZATION/ LIPIDS, blood/ *LIPIDS, metabolism/ LIPOPROTEIN LIPASE, blood/ *LIVER, metabolism/ TRIGLYCERIDES, blood

4496. **Lefer AM, Barenholz Y:** Pancreatic hydrolases and the formation of a myocardial depressant factor in shock.
Am J Physiol 223:1103-9, Nov 72
ACID PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ CATS/ CELIAC ARTERY/ CHYMOTRYPSIN, metabolism/ ENZYME ACTIVATION, drug effects/ FEMALE/ *HYDROLASES, blood/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ LIGATION/ LYSOSOMES, enzymology/ MALE/ MESENTERIC ARTERIES/ METHYLPREDNISOLONE, pharmacodynamics/ MICROSCOPY, ELECTRON/ *MYOCARDIAL DEPRESSANTS, blood/ *PANCREAS, enzymology/ PANCREAS, secretion/ PHOSPHOLIPASE, metabolism/ *SHOCK, blood/ TRYPSIN, metabolism

4497. **Lefrak EA, Stevens PM, Noon GP, et al:** Current status of prolonged extracorporeal membrane oxygenation for acute respiratory failure.
Chest 63:773-82, May 73 (92 ref.)
ANOXEMIA, surgery/ ANOXEMIA, therapy/ BLOOD COAGULATION/ CARBON DIOXIDE, blood/ *EXTRACORPOREAL CIRCULATION/ HEPARIN, therapeutic use/ HUMAN/ LUNG, physiopathology/ OXYGEN, blood/ OXYGEN INHALATION THERAPY/ OXYGENATORS, MEMBRANE/ RESPIRATORY INSUFFICIENCY, surgery/ *RESPIRATORY INSUFFICIENCY, therapy/ REVIEW/ TIME FACTORS

4498. **Legaz ME, Schmer G, Counts RB, et al:** Isolation and characterization of human Factor VIII (antihemophilic factor).
J Biol Chem 248:3946-55, 10 Jun 73
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BINDING SITES, ANTIBODY/ BLOOD COAGULATION TESTS/ CARBOHYDRATES, analysis/ CATTLE/ DOGS/ ELECTROPHORESIS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FACTOR VII, antagonists & inhibitors/ FACTOR VIII, analysis/ *FACTOR VIII, isolation & purification/ FACTOR VIII, metabolism/ FREEZING/ GEL FILTRATION/ HEMOPHILIA, metabolism/ HUMAN/ IMMUNOELECTROPHORESIS/ MOLECULAR WEIGHT/ PROTEIN DENATURATION/ RABBITS, immunology/ SODIUM DODECYL SULFATE/ THROMBIN/ ULTRACENTRIFUGATION

4499. **Léger H, Babin P, Fardin J:** Hémangiopéricytome de l'utérus. A propos d'un cas.
Bord Med 5:1589-92, Sep 72 (Fre)
ADULT/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOPERICYTOMA/ HEMANGIOPERICYTOMA, diagnosis/ HEMANGIOPERICYTOMA, pathology/ HUMAN/ *UTERINE NEOPLASMS/ UTERINE NEOPLASMS, diagnosis/ UTERINE NEOPLASMS, pathology/ UTERUS, pathology

4500. **Leger L, Godeau P, Delaitre B, et al:** Kystes et pseudo-kystes surrénaliens.
J Chir (Paris) 104:107-20, Sep 72 (Fre)
ABDOMINAL INJURIES, complications/ *ADRENAL GLAND DISEASES/ ADRENAL GLAND DISEASES, diagnosis/ ADRENAL GLAND DISEASES, pathology/ ADRENAL GLAND DISEASES, radiography/ ADRENAL GLAND DISEASES, surgery/ *ADRENAL GLAND NEOPLASMS, diagnosis/ ADULT/ *CYSTS/ CYSTS, diagnosis/ CYSTS, pathology/ CYSTS, radiography/ CYSTS, surgery/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, diagnosis/ HEMANGIOMA, pathology/ HEMANGIOMA, surgery/ HEMATOMA, diagnosis/ HEMORRHAGE, complications/ HEMORRHAGE, diagnosis/ HUMAN/ HYPERTENSION, etiology/ MIDDLE AGE/ NECROSIS

4501. **Legnani F:** L'uso dell'idrocortisone nella pratica emodialitica periodica.
Minerva Med 63:4320-3, 7 Nov 72 (Ita)
ANAPHYLAXIS, prevention & control/ ENGLISH ABSTRACT/ *HEMODIALYSIS/ HUMAN/ *HYDROCORTISONE, administration & dosage/ SHOCK, drug therapy/ *SHOCK, prevention & control/ SHOCK, CARDIOGENIC, prevention & control/ SHOCK, TOXIC, prevention & control/ STREPTOKINASE, administration & dosage/ *UREMIA, therapy

4502. **Legrand J, Hervouet F, Ertus:** La conjonctivite ligneuse des petites filles.
Bull Soc Ophtalmol Fr 71:1077-85, Dec 71 (Fre)
CHILD, PRESCHOOL/ CHYMOTRYPSIN, therapeutic use/ CONJUNCTIVITIS, drug therapy/ *CONJUNCTIVITIS, pathology/ FEMALE/ HUMAN/ HYALURONIDASE, therapeutic use/ SEX FACTORS

4503. **Legrand Y, Caen J, Booyse FM, et al:** Studies on a human blood platelet protease with elastolytic activity. Biochim Biophys Acta 309:406-13, 6 Jun 73
AMIDES/ AMMONIUM SULFATE/ *BLOOD PLATELETS, enzymology/ DENSITOMETRY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ ENZYME PRECURSORS/ GEL FILTRATION/ HUMAN/

HYDROGEN-ION CONCENTRATION/ IODINE ISOTOPES/ *PANCREATOPEPTIDASE/ PANCREATOPEPTIDASE, isolation & purification/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDES/ PRECIPITATION/ STRUCTURE-ACTIVITY RELATIONSHIP/ SURFACE-ACTIVE AGENTS/ TRYPSIN

4504. **Lehmann H, Fiegle B, Held K:** Ergebnisse der Anticoagulantienlangzeitbehandlung bei cerebralen Zirkulationsstörungen.
Verh Dtsch Ges Inn Med 78:675-7, 1972 (Ger)
ADOLESCENCE/ ADULT/ AGED/ *ANTICOAGULANTS, therapeutic use/ *CEREBROVASCULAR DISORDERS, drug therapy/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ MIDDLE AGE/ TIME FACTORS

4505. **Lehmann V:** Properties of purified phospholipase C from Acinetobacter calcoaceticus.
Acta Pathol Microbiol Scand [B] 80:827-34, 1972
*ACHROMOBACTER, enzymology/ ALBUMINS, pharmacodynamics/ CALCIUM, pharmacodynamics/ CEPHALINS/ CHROMATOGRAPHY/ DEOXYCHOLIC ACID, pharmacodynamics/ EDTA, pharmacodynamics/ GEL FILTRATION/ HEMOLYSIS/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LECITHINS/ MAGNESIUM, pharmacodynamics/ *PHOSPHOLIPASE, isolation & purification/ PROTAMINES/ SPHINGOMYELINS/ TEMPERATURE/ ULTRAFILTRATION/ ZINC, pharmacodynamics

4506. **Lehnert U, Maak B, Zintl F:** Beitrag zum Krankheitsbild des hämolytisch-urämischen Syndroms.
Folia Haematol (Leipz) 99:39-48, 1973 (Ger)
*ANEMIA, HEMOLYTIC, ACQUIRED, diagnosis/ BLOOD TRANSFUSION/ CHILD/ CHILD, PRESCHOOL/ COOMBS' TEST/ ENGLISH ABSTRACT/ ERYTHROCYTES/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ HEMODIALYSIS/ HEMOLYTIC-UREMIC SYNDROME, diagnosis/ HEMOLYTIC-UREMIC SYNDROME, drug therapy/ HEMOLYTIC-UREMIC SYNDROME, immunology/ HEMOLYTIC-UREMIC SYNDROME, therapy/ HEPARIN, therapeutic use/ HUMAN/ MALE/ *UREMIA, diagnosis

4507. **Lehrer S, Nowotny A:** Isolation and purification of endotoxin by hydrolytic enzymes.
Infect Immun 6:928-33, Dec 72
ALKALINE PHOSPHATASE, pharmacodynamics/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CARBOXYLIC ACIDS, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ ENDOTOXINS, analysis/ *ENDOTOXINS, isolation & purification/ LETHAL DOSE 50/ MICE/ *PEPTIDE HYDROLASES, pharmacodynamics/ PHOSPHODIESTERASES, pharmacodynamics/ PHOSPHORUS, analysis/ POLYSACCHARIDES, BACTERIAL, analysis/ PRONASE, pharmacodynamics/ PYROGENS/ SERRATIA MARCESCENS, enzymology/ SHWARTZMAN PHENOMENON

4508. **Leiber G, Egbring R:** Zur Therapie der "Cumarinnekrose".
Internist (Berlin) 13:340-1, Aug 72 (Ger)
ADULT/ COUMARINS, adverse effects/ COUMARINS, therapeutic use/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ NECROSIS/ SKIN DISEASES, chemically induced/ *SKIN DISEASES, drug therapy/ *STREPTOKINASE, therapeutic use/ THROMBOEMBOLISM, drug therapy

4509. **Leibovitz-BenGershon Z, Kobiler I, Gatt S:** Lysophospholipases of rat brain.
J Biol Chem 247:6840-7, 10 Nov 72
ADSORPTION/ AMMONIUM SULFATE/ ANIMAL EXPERIMENTS/ BRAIN, cytology/ *BRAIN, enzymology/ CENTRIFUGATION, DENSITY GRADIENT/ COLD/ COLLOIDS/ CYTOSOL, enzymology/ DRUG STABILITY/ ENZYME ACTIVATION/ GEL FILTRATION/ HEAT/ KINETICS/ LYSOLECITHIN/ MACROMOLECULAR SYSTEMS/ MICROSOMES, enzymology/ PHOSPHOLIPASE/ PHOSPHOLIPASE, isolation & purification/ PRECIPITATION/ PROTAMINES/ RATS/ SERUM ALBUMIN/ SUBCELLULAR FRACTIONS, enzymology/ TRITIUM

4510. **Leicester J:** Transient cerebral ischaemic attacks.
Med J Aust 1:806-7, 21 Apr 73
AGED/ ANTICOAGULANTS, therapeutic use/ BASILAR ARTERY/ CAROTID ARTERIES, radiography/ CAROTID ARTERY DISEASES, diagnosis/ CAROTID ARTERY DISEASES, surgery/ CEREBRAL EMBOLISM AND THROMBOSIS, drug therapy/ CEREBRAL ISCHEMIA, TRANSIENT, complications/ CEREBRAL ISCHEMIA, TRANSIENT, diagnosis/ CEREBRAL ISCHEMIA, TRANSIENT, radiography/ *CEREBRAL ISCHEMIA, TRANSIENT, therapy/ DIAGNOSIS, DIFFERENTIAL/ ENDARTERECTOMY/ HUMAN/ HYPERTENSION, complications/ HYPERTENSION, drug therapy/ MIDDLE AGE/ SUBCLAVIAN STEAL SYNDROME, diagnosis/ VERTEBRAL ARTERY/ VERTEBRAL ARTERY, radiography

4511. **Leighton TJ:** An RNA polymerase mutation causing temperature-sensitive sporulation in Bacillus subtilis.
Proc Natl Acad Sci USA 70:1179-83, Apr 73
ADENINE NUCLEOTIDES, metabolism/ ALKALINE PHOSPHATASE, metabolism/ *BACILLUS SUBTILIS, enzymology/ BACILLUS SUBTILIS, growth & development/ GENES, STRUCTURAL/ *MUTATION/ PEPTIDE HYDROLASES, metabolism/ POLYNUCLEOTIDES, metabolism/ RNA, BACTERIAL, biosynthesis/ *RNA POLYMERASE, biosynthesis/ RNA POLYMERASE, metabolism/ SPORES, BACTERIAL/ TEMPERATURE/ TEMPLATES/ THYMINE NUCLEOTIDES, metabolism/ TRITIUM/ URIDINE, metabolism

4512. **Leighton TJ, Dor RH, Warren RA, et al:** The relationship of serine protease activity to RNA polymerase modification and sporulation in Bacillus subtilis. J Mol Biol 76:103-22, 5 May 73
BACILLUS SUBTILIS, drug effects/ *BACILLUS SUBTILIS, enzymology/ BACTERIAL PROTEINS, analysis/ CHLORAMPHENICOL, pharmacodynamics/ CHROMOSOME MAPPING/ DNA, BACTERIAL, analysis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GENES, STRUCTURAL/ GENETIC CODE/ MOLECULAR WEIGHT/ MUTATION/ *PEPTIDE HYDROLASES, isolation & purification/ PHENOTYPE/ *RNA POLYMERASE, analysis/ SERINE/ SPORES, growth & development/ SPORES, BACTERIAL, growth & development/ TEMPERATURE

4513. **Leivestad O, Malt RA:** Continuous infusion into the hepatic artery and vena cava of the rat.
Surgery 74:401-4, Sep 73
ANIMAL EXPERIMENTS/ CATHETERIZATION/ HEPARIN/ *HEPATIC ARTERY/ *INFUSIONS, PARENTERAL/ ISOTONIC SOLUTIONS/ METHODS/ RATS/ SODIUM CHLORIDE/ TAIL/ TIME FACTORS/ *VENAE CAVAE

4514. **Lemenev VL, Smirnova LA, Martynov AA, et al:** Sistema gemostaza pri khirurgicheskom lechenii ateroskleroticheskikh anevrizm briushnoĭ aorty.
Probl Gematol Pereliv Krovi 18:48-51, Jan 73 (Rus)
AGED/ *AORTA, ABDOMINAL, surgery/ AORTIC ANEURYSM, blood/ *AORTIC ANEURYSM, surgery/ ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, surgery/ *BLOOD COAGULATION/ HUMAN/ MIDDLE AGE

4515. **Lemkin SR, Kattlove HE:** Maternal death due to DIC after saline abortion. Obstet Gynecol 42:233-5, Aug 73
*ABORTION, THERAPEUTIC, adverse effects/ ADULT/ BLOOD COAGULATION TESTS/ CEREBRAL HEMORRHAGE, etiology/

*DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, mortality/ FEMALE/ HUMAN/ HYPERTONIC SOLUTIONS/ PREGNANCY/ *SODIUM CHLORIDE, adverse effects

4516. **Lemmer B: Effects of amantadine and amphetamine on serotonin uptake and release by human blood platelets.** Eur J Pharmacol 21:183-8, Feb 73
AMANTADINE, administration & dosage/ *AMANTADINE, pharmacodynamics/ AMPHETAMINE, administration & dosage/ *AMPHETAMINE, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HUMAN/ IN VITRO/ KINETICS/ SEROTONIN, antagonists & inhibitors/ *SEROTONIN, metabolism/ TIME FACTORS/ TRITIUM

4517. **Lemmer B, Hellenbrecht D, Grobecker H: Membrane effects of drugs interfering with adrenergic mechanisms.** Acta Physiol Pol 24:285-8, Jan-Feb 73
*ALCOHOL, PROPYL, pharmacodynamics/ AMINES, pharmacodynamics/ ANIMAL EXPERIMENTS/ AXONS, metabolism/ AXOPLASMIC FLOW/ BIOGENIC AMINES, physiology/ BLOOD PLATELETS, metabolism/ *CELL MEMBRANE PERMEABILITY, drug effects/ CHROMAFFIN SYSTEM, metabolism/ CORONARY VESSELS, drug effects/ *COUMARINS/ EPINEPHRINE, metabolism/ *GLYCOLATES, pharmacodynamics/ HUMAN/ IPROVERATRIL, pharmacodynamics/ NERVE ENDINGS, metabolism/ NOREPINEPHRINE, secretion/ PRENYLAMINE, pharmacodynamics/ *PROPIOPHENONES, pharmacodynamics/ RATS/ SEROTONIN, metabolism/ STIMULATION, CHEMICAL/ *SYMPATHETIC NERVOUS SYSTEM, drug effects/ TIME FACTORS/ *VASODILATOR AGENTS, pharmacodynamics

4518. **Lemmer B, Wiethold G, Hellenbrecht D, et al: Human blood platelets as cellular models for investigation of membrane active drugs: beta-adrenergic blocking agents.**
Naunyn Schmiedebergs Arch Pharmacol 275:299-313, 1972
*ADRENERGIC BETA RECEPTOR BLOCKADERS, pharmacodynamics/ ALPRENOLOL, pharmacodynamics/ AMINO ALCOHOLS, pharmacodynamics/ BIOLOGICAL TRANSPORT/ *BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ *CELL MEMBRANE PERMEABILITY, drug effects/ HUMAN/ KINETICS/ MICROSCOPY, ELECTRON/ MODELS, BIOLOGICAL/ OXPRENOLOL, pharmacodynamics/ PINDOLOL, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ SEROTONIN, antagonists & inhibitors/ SEROTONIN, metabolism/ SOTALOL, pharmacodynamics/ TRITIUM

4519. **Lena A, Coignet J, Orfanos J, et al: Phéochromocytome bilatéral successif associé à une maladie de Von Hippel Lindau.**
Nouv Presse Med 2:81-6, 13 Jan 73 (Fre)
*ADRENAL GLAND NEOPLASMS, complications/ ADRENAL GLAND NEOPLASMS, diagnosis/ ADRENAL GLAND NEOPLASMS, pathology/ *ANGIOMATOSIS, complications/ ANGIOMATOSIS, diagnosis/ AORTOGRAPHY/ CHILD/ ENGLISH ABSTRACT/ EYE MANIFESTATIONS/ *EYE NEOPLASMS, complications/ FUNDUS OCULI/ HUMAN/ HYPERTENSION, diagnosis/ MALE/ *NEOPLASMS, MULTIPLE PRIMARY, complications/ NEOPLASMS, MULTIPLE PRIMARY, diagnosis/ NEOPLASMS, MULTIPLE PRIMARY, pathology/ *PHEOCHROMOCYTOMA, complications/ PHEOCHROMOCYTOMA, diagnosis/ PHEOCHROMOCYTOMA, pathology/ PROGNOSIS

4520. **Lénárt G, Králl G: Ritka haemophiliás szövödmények a végtagokon.**
Magy Traumatol Orthop 16:41-4, 1973 (Hun)
ADULT/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ *EXTREMITIES, blood supply/ EXTREMITIES, innervation/ HAND DEFORMITIES, ACQUIRED, etiology/ HEMARTHROSIS, etiology/ *HEMOPHILIA, complications/ *HEMORRHAGE, complications/ HUMAN/ KNEE JOINT/ PARALYSIS, etiology/ VOLKMANN'S CONTRACTURE, etiology

4521. **Lenaz G, Pasquali P, Bertoli E, et al: Effect of protein binding on phospholipase C hydrolysis of aqueous phospholipid dispersions.**
Biochem Biophys Res Commun 49:278-82, 6 Oct 72
ALBUMINS/ CHEMISTRY/ CYTOCHROME C/ HYDROLYSIS/ MEMBRANES, ARTIFICIAL/ MURAMIDASE/ *PHOSPHOLIPASE/ *PHOSPHOLIPIDS/ PROTAMINES/ *PROTEIN BINDING

4522. **Lenggenhager K: Therapy and origin of large pancreatic pseudocysts.** Am J Surg 125:542-5, May 73
ADULT/ AGED/ ANTIBIOTICS, therapeutic use/ CHOLECYSTITIS, complications/ DEBRIDEMENT/ DRAINAGE/ FEMALE/ HEMOSTASIS/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ *PANCREATIC CYST/ PANCREATIC CYST, complications/ PANCREATIC CYST, drug therapy/ PANCREATIC CYST, etiology/ PANCREATIC CYST, surgery/ PANCREATIC FISTULA, etiology/ POSTOPERATIVE COMPLICATIONS/ *SODIUM HYDROXIDE, therapeutic use/ SURGICAL WOUND INFECTION, prevention & control/ SUTURE TECHNICS/ TIME FACTORS/ WOUND HEALING

4523. **Lengle E, Geyer RP: Strain L fibroblast lipases. Purification and properties.**
Biochim Biophys Acta 296:411-25, 14 Feb 73
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ CARBON ISOTOPES/ CHROMATOGRAPHY, DEAE-CELLULOSE/ FATTY ACIDS, metabolism/ GEL FILTRATION/ HEPARIN/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ *L CELLS, enzymology/ L CELLS, metabolism/ LIPASE, antagonists & inhibitors/ *LIPASE, isolation & purification/ LIPIDS, metabolism/ MICE/ OLEIC ACID/ PHOSPHATES/ PHYSOSTIGMINE/ SODIUM/ SODIUM CHLORIDE/ TAUROCHOLIC ACID/ TRIGLYCERIDES/ TRIOLEIN/ ULTRACENTRIFUGATION/ VIBRATION

4524. **Lennert KA, Kollmar M, Hupe H: Verhalten der Immunglobuline G, A and M, des beta 1 -C-Globulins, des 2 -Antitrypsins und des 1 -Makroglobulins bei Kindern vor und nach operativen Eingriffen.**
Monatsschr Kinderheilkd 121:151-4, Apr 73 (Ger)
ADOLESCENCE/ *BETA GLOBULIN, analysis/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HUMAN/ IGA, analysis/ IGG, analysis/ IGM, analysis/ *IMMUNOGLOBULINS, analysis/ INFANT/ *MACROGLOBULINS, analysis/ MALE/ *SURGERY, OPERATIVE/ TIME FACTORS/ *TRYPSIN INHIBITORS, analysis

4525. **Lenz J, Hartel W, Linder MM, et al: Zur Therapie des Schocks mit vaso- und gerinnungsaktiven Substanzen. Das Verhalten des Gewebssauerstoffes an der Hundeniere unter dem Einfluss vaso- und gerinnungsaktiver Substanzen.**
Fortschr Med 90:1199-201, 16 Nov 72 (Ger)
ANGIOTENSIN, pharmacodynamics/ ANGIOTENSIN, therapeutic use/ ANIMAL EXPERIMENTS/ DOGS/ *KIDNEY, drug effects/ KIDNEY, metabolism/ NOREPINEPHRINE, pharmacodynamics/ NOREPINEPHRINE, therapeutic use/ OXYGEN CONSUMPTION, drug effects/ *SHOCK, drug therapy/ STREPTOKINASE, pharmacodynamics/ *STREPTOKINASE, therapeutic use/ THROMBIN, pharmacodynamics/ *THROMBIN,

therapeutic use/ VASOCONSTRICTOR AGENTS, pharmacodynamics/ *VASOCONSTRICTOR AGENTS, therapeutic use

4526. **Lenz W:** Phenocopies.
J Med Genet 10:34-49, Mar 73 (86 ref.)
*ABNORMALITIES, DRUG-INDUCED/ ABNORMALITIES, MULTIPLE, etiology/ *ABNORMALITIES, MULTIPLE, familial & genetic/ ANEMIA, APLASTIC, familial & genetic/ ANOREXIA NERVOSA, complications/ ARM, abnormalities/ CLEFT LIP, familial & genetic/ CLEFT PALATE, familial & genetic/ ECTROMELIA, familial & genetic/ FEMALE/ GENES/ HEART DEFECTS, CONGENITAL, familial & genetic/ HEAT/ HUMAN/ *PHENOTYPE/ PREGNANCY/ RADIUS, abnormalities/ REVIEW/ SPINE, abnormalities/ SYNDACTYLIA, familial & genetic/ *THALIDOMIDE, adverse effects/ THROMBOPENIA, familial & genetic/ THUMB, abnormalities/ TIBIA, abnormalities

4527. **Leon AS:** Comparative cardiovascular adaptation to exercise in animals and man and its relevance to coronary heart disease.
Adv Exp Med Biol 22:143-74, 1972
*ADAPTATION, PHYSIOLOGICAL/ ANIMAL EXPERIMENTS/ AUTOPSY/ BLOOD COAGULATION/ BLOOD PRESSURE/ BLOOD SUGAR, metabolism/ BODY WEIGHT/ CARDIOVASCULAR SYSTEM, physiology/ CORONARY CIRCULATION/ *CORONARY DISEASE/ CORONARY DISEASE, blood/ CORONARY DISEASE, mortality/ CORONARY DISEASE, occurrence/ CORONARY DISEASE, pathology/ CORONARY DISEASE, physiopathology/ CORONARY DISEASE, prevention & control/ DISEASE MODELS, ANIMAL/ ELECTROCARDIOGRAPHY/ EXERCISE THERAPY/ *EXERTION/ HUMAN/ LIPIDS, blood/ RABBITS/ RATS/ URIC ACID, blood

4528. **Leonard CG:** Early events in development of streptococcal competence.
J Bacteriol 114:1198-205, Jun 73
AUTOLYSIS/ CELL AGGREGATION, drug effects/ CHLORAMPHENICOL, pharmacodynamics/ CULTURE MEDIA/ HYDROGEN-ION CONCENTRATION/ PRONASE, pharmacodynamics/ STREPTOCOCCUS, drug effects/ *STREPTOCOCCUS, metabolism/ TIME FACTORS/ TRANSFORMATION, GENETIC, drug effects/ TRYPSIN, pharmacodynamics

4529. **Leonard EF, Grabowski EF, Turitto VT:** The role of convection and diffusion on platelet adhesion and aggregation. Ann NY Acad Sci 201:329-42, 27 Oct 72
BLOOD COAGULATION/ DIFFUSION/ MOTION/ *PLATELET ADHESIVENESS/ RHEOLOGY/ *THROMBOSIS, blood

4530. **Leonard RJ, Lazarow A, Hegre OD:** Pancreatic islet transplantation in the rat. Diabetes 22:413-28, Jun 73
*ALLOXAN DIABETES, therapy/ ANIMAL EXPERIMENTS/ CLOSTRIDIOPEPTIDASE A, metabolism/ GLUCOSE, urine/ GLUCOSE TOLERANCE TEST/ GRAFT REJECTION/ ISLANDS OF LANGERHANS, growth & development/ *ISLANDS OF LANGERHANS, transplantation/ LIVER, transplantation/ MALE/ PANCREAS, enzymology/ *PANCREAS, transplantation/ RATS/ TISSUE THERAPY/ TRANSPLANTATION, HOMOLOGOUS/ TRYPSIN, metabolism

4531. **Leonhardt H:** Der Einfluss der gamma-Globuline auf die Viskosität.
Experientia 29:439-41, 15 Apr 73 (Ger)
*BLOOD VISCOSITY/ ENGLISH ABSTRACT/ FIBRINOGEN/ *GAMMA GLOBULIN/ HUMAN/ SERUM ALBUMIN

4532. **Leonhardt H, Bungert HJ:** Untersuchungen über die Wechselwirkung von Fibrinogen, Globulinen and Albumin auf die Plasmaviscosität.
Clin Chim Acta 42:181-7, Nov 72 (Ger)
*BLOOD VISCOSITY, drug effects/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ *FIBRINOGEN, pharmacodynamics/ *GAMMA GLOBULIN, pharmacodynamics/ HUMAN/ *SERUM ALBUMIN, pharmacodynamics

4533. **Leonhardt H, Bungert HJ:** Viskositätsuntersuchungen bei -Globulinen unter Streptokinaseeinwirkung.
Clin Chim Acta 45:129-34, 30 Apr 73 (Ger)
ENGLISH ABSTRACT/ ERYTHROCYTES, drug effects/ FIBRINOGEN/ *GAMMA GLOBULIN/ HUMAN/ *STREPTOKINASE/ STREPTOKINASE, pharmacodynamics/ VISCOSITY

4534. **Leonidas JC, Strauss L, Beck AR:** Vascular tumors of the liver in newborns. A pediatric emergency.
Am J Dis Child 125:507-10, Apr 73
AORTA, ABDOMINAL, radiography/ AORTOGRAPHY/ ARTERIOVENOUS MALFORMATIONS, complications/ ELECTROCARDIOGRAPHY/ HAMARTOMA, congenital/ HAMARTOMA, pathology/ *HEART FAILURE, CONGESTIVE, etiology/ HEMANGIOENDOTHELIOMA, congenital/ HEMANGIOENDOTHELIOMA, pathology/ HEMANGIOMA, congenital/ HEPATIC ARTERY, radiography/ HEPATIC VEINS, radiography/ HUMAN/ INFANT/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ *LIVER NEOPLASMS, congenital/ LIVER NEOPLASMS, pathology/ MALE/ *NEOPLASMS, VASCULAR TISSUE, congenital/ NEOPLASMS, VASCULAR TISSUE, pathology/ RADIOISOTOPE SCANNING/ VENA CAVA, INFERIOR, radiography

4535. **Leopold H, Samšiňáková A, Mišíková S:** Der enzymatische Charakter der durch den entomophagen Pilz Beauveria bassiana sezernierten toxischen Stoffe und die Stimulation ihrer Bildung.
Zentralbl Bakteriol [Naturwiss] 128:31-41, 1973 (Ger)
AMMONIUM SULFATE/ CULTURE MEDIA/ ENGLISH ABSTRACT/ *INSECTS, drug effects/ LARVA, drug effects/ MONILIALES, enzymology/ *MONILIALES, metabolism/ *MYCOTOXINS, biosynthesis/ MYCOTOXINS, isolation & purification/ MYCOTOXINS, toxicity/ *PEPTIDE HYDROLASES, biosynthesis/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, toxicity/ PRECIPITATION/ SUCROSE

4536. **Leperchey F:** Questions soulevées par l'origine et le développement des angiomes cranio-faciaux à la lumière des données embryologiques.
Ann Otolaryngol Chir Cervicofac 90:45-53, Jan-Feb 73 (Fre)
CEREBRAL ARTERIOVENOUS MALFORMATIONS, complications/ ENGLISH ABSTRACT/ FACIAL NEOPLASMS, classification/ *FACIAL NEOPLASMS, embryology/ FACIAL NEOPLASMS, etiology/ HEMANGIOMA, classification/ *HEMANGIOMA, embryology/ HEMANGIOMA, etiology/ HUMAN/ HYPERPLASIA/ SKULL NEOPLASMS, classification/ *SKULL NEOPLASMS, embryology/ SKULL NEOPLASMS, etiology

4537. **Lerat JL, Patricot L, Baulieux J, et al:** Etude expérimentale d'une colle à base de gélatine dans l'hémostase des plaies hépatiques.
Lyon Chir 68:143-5, Mar-Apr 72 (Fre)
ANIMAL EXPERIMENTS/ *GELATIN/ *HEMOSTASIS/ LIVER, injuries/ *LIVER, surgery/ METHODS/ RABBITS/ *TISSUE ADHESIVES

4538. **Leren P:** Hjerteinfarktsykdommen.
Tidsskr Nor Laegeforen 92:1672-4, 20 Sep 72 (Nor)
*CHOLESTEROL, DIETARY/ CORONARY DISEASE, prevention & control/ DIET, ATHEROGENIC/ *DIET THERAPY/ DIETARY CARBOHYDRATES/ DIETARY FATS/ ENGLISH ABSTRACT/ HUMAN/ *MYOCARDIAL INFARCT, therapy

4539. **Leroy J, Robert M, Humbert G:** Les accidents du sang

contminé. A propos de deux observations avec choc toxinique sévère.
Sem Hop Paris 48:2193-7, 26 Jun 72 (Fre)
ABDOMEN, ACUTE/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION, adverse effects/ DIARRHEA, etiology/ ENTEROBACTERIACEAE INFECTIONS, complications/ FEMALE/ FEVER, etiology/ GRAM NEGATIVE BACTERIA/ HUMAN/ MALE/ MIDDLE AGE/ RESUSCITATION/ *SEPTICEMIA, etiology/ SHOCK, TOXIC, diagnosis/ *SHOCK, TOXIC, etiology/ SHOCK, TOXIC, therapy

4540. Leroy F, Netter R, Barbier Y, et al: La melanisation induite du plumage chez les volailles est-elle due a l'action d'un virus.
Bull Biol Fr Belg 106:91-100, 1972 (Fre)
ANIMAL EXPERIMENTS/ AVIAN LEUKOSIS VIRUS/ CHICK EMBRYO/ COMPLEMENT FIXATION TESTS/ ENGLISH ABSTRACT/ *FEATHERS/ FETAL MEMBRANES, microbiology/ FIBRINOGEN, analysis/ GERM LAYERS, transplantation/ GLYCOPROTEINS, analysis/ *MELANOSIS, microbiology/ PARABIOSIS/ PIGMENTATION DISORDERS, embryology/ PIGMENTATION DISORDERS, microbiology/ POULTRY/ TRANSPLANTATION, HOMOLOGOUS/ VIRUS CULTIVATION/ *VIRUS DISEASES

4541. Lesaru-Soltuz V, Radu I, Molotiu N: Anestezia în urgenţă şi bolile cu determinism genetic.
Chirurgia (Bucur) 21:569-74, Jun 72 (Rum)
*ANESTHESIA, GENERAL/ CHOREA, HEREDITARY/ HEMOPHILIA/ *HEREDITARY DISEASES/ HUMAN/ MUSCULAR DYSTROPHY/ *SURGERY, OPERATIVE/ THALASSEMIA/ THROMBOPENIA/ TRISOMY

4542. Letson JA Jr, Birck HG: Septal dermoplasty for von Willebrand's disease in children.
Laryngoscope 83:1078-83, Jul 73
CHILD/ CHILD, PRESCHOOL/ *EPISTAXIS, surgery/ FACTOR VIII/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ *NASAL SEPTUM, surgery/ PSYCHOLOGY/ *SKIN, transplantation/ TELANGIECTASIA, HEREDITARY HEMORRHAGIC, surgery/ TRANSPLANTATION, AUTOLOGOUS/ VON WILLEBRAND'S DISEASE, diagnosis/ *VON WILLEBRAND'S DISEASE, surgery

4543. Leung CC, Brent RL: The production of congenital malformations using tissue antisera. X. Effectiveness of kidney antigens treated with neuraminidase or trypsin. Pediatr Res 6:822-31, Nov 72
*ABNORMALITIES, etiology/ ABSORPTION/ ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ ANTIGEN-ANTIBODY REACTIONS/ *ANTIGENS, adverse effects/ FETAL DEATH/ FETAL DISEASES, immunology/ FETUS, growth & development/ FLUORESCENT ANTIBODY TECHNIC/ GAMMA GLOBULIN, analysis/ GEL DIFFUSION TESTS/ GROWTH DISORDERS/ IMMUNE SERUMS, administration & dosage/ *IMMUNE SERUMS, adverse effects/ *KIDNEY, immunology/ MATERNAL-FETAL EXCHANGE/ MICROSCOPY, FLUORESCENCE/ *NEURAMINIDASE, pharmacodynamics/ PRECIPITIN TESTS/ PROTEINURIA, immunology/ RABBITS, immunology/ RATS/ *TRYPSIN, pharmacodynamics/ VITELLINE MEMBRANE, immunology

4544. Lev M, Milford AF: The 3-ketodihydrosphingosine synthetase of Bacteroides melaninogenicus: induction by vitamin K.
Arch Biochem Biophys 152:500-8, Aug 73
BACTEROIDES, drug effects/ *BACTEROIDES, enzymology/ CARBON ISOTOPES/ CELL-FREE SYSTEM/ CHROMATOGRAPHY, THIN LAYER/ COENZYME A/ ENZYME INDUCTION/ *KETOACID-LYASES, biosynthesis/ KINETICS/ PALMITIC ACID/ PUROMYCIN, pharmacodynamics/ RIFAMPIN, pharmacodynamics/ SERINE/ SPHINGOSINE, biosynthesis/ TIME FACTORS/ VIBRATION/ VITAMIN K, metabolism/ *VITAMIN K, pharmacodynamics

4545. Leval M de, Hill JD, Dontigny L, et al: Controle de l'héparinisation continue par le temps de coagulation active (ACT). Application aux circulations extracorporelles prolongées.
Ann Chir Thorac Cardiovasc 11:287-90, Sep 72 (Fre)
*BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ *EXTRACORPOREAL CIRCULATION/ *HEPARIN/ HUMAN/ METHODS

4546. Levanon M, Rimon S, Shani M, et al: Active and inactive factor VII in Dubin-Johnson syndrome with factor-VII deficiency, hereditary factor-VII deficiency and on coumadin administration.
Br J Haematol 23:669-77, Dec 72
BLOOD COAGULATION TESTS/ *FACTOR VII, analysis/ FACTOR VII, antagonists & inhibitors/ HUMAN/ *HYPOPROCONVERTINEMIA, blood/ HYPOPROCONVERTINEMIA, drug therapy/ HYPOPROCONVERTINEMIA, familial & genetic/ IMMUNE SERUMS/ *JAUNDICE, CHRONIC IDIOPATHIC, blood/ NEUTRALIZATION TESTS/ PROTHROMBIN TIME/ RABBITS, immunology/ *WARFARIN, therapeutic use

4547. Levashov AV, Martinek K, Berezin IV: Effect of the polar functional group in aliphatic compounds on their complex formation with the active center in -chymotrypsin. Mol Biol 6:418-20, Jul-Aug 72
ALCOHOLS, OCTYL/ *AMIDES/ BINDING, COMPETITIVE/ BINDING SITES/ CAPROATES/ *CARBOXYLIC ACIDS/ CHEMISTRY/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, antagonists & inhibitors/ CYCLOHEXANECARBOXYLIC ACIDS/ CYCLOHEXANOL/ ESTERS/ MATHEMATICS/ *NITRILES/ STRUCTURE-ACTIVITY RELATIONSHIP/ THERMODYNAMICS/ WATER

4548. Levashov AV, Martinek K, Strel'tsova ZA, et al: Noncovalent bonding of the competitive inhibitor -naphthol to -chymotrypsin.
Mol Biol 5:154-8, Mar-Apr 71
*BINDING SITES/ *CHYMOTRYPSIN, antagonists & inhibitors/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ *NAPHTHOLS, pharmacodynamics/ PROTEIN BINDING/ TEMPERATURE

4549. Levdikova GA, Orekhovich VN: On a collagenase-like enzyme detected in the extracts of hypothalamus and hypophysis. Clin Chim Acta 42:205-8, Nov 72
ANIMAL EXPERIMENTS/ CASEIN/ CATTLE/ *CLOSTRIDIOPEPTIDASE A/ CLOSTRIDIOPEPTIDASE A, isolation & purification/ COLLAGEN/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ *HYPOTHALAMUS, enzymology/ MOLECULAR WEIGHT/ OLIGOPEPTIDES/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ *PITUITARY GLAND, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP

4550. LeVeen HH, Diaz CA: Venous and arterial occlusive disease treated by enzymatic clot lysis.
Arch Surg 105:927-36, Dec 72
ADULT/ AGED/ ANGIOGRAPHY/ *ARTERIAL OCCLUSIVE DISEASES, drug therapy/ FEMALE/ FEMORAL ARTERY, radiography/ FEMORAL VEIN, radiography/ *FIBRINOLYSIS/ HEPARIN, therapeutic use/ HUMAN/ ILIAC ARTERY, radiography/ INTERMITTENT CLAUDICATION, drug therapy/ MALE/ MIDDLE AGE/ PHLEBOGRAPHY/ PULMONARY CIRCULATION/ *STREPTOKINASE, therapeutic use/ *THROMBOEMBOLISM, drug therapy/ *THROMBOPHLEBITIS, drug therapy

4551. Levenbook L, Bauer C, Shigematsu H: Fructose diphosphate aldolase during growth and development

of the blowfly Phormia regina (Meigen). 3. Physicochemical comparison of the larval and adult muscle enzymes.
Arch Biochem Biophys 152:625-31, Aug 73
AGING/ *ALDOLASE, analysis/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CARBOXYPEPTIDASES/ COMPUTERS, DIGITAL/ CYSTINE, analysis/ *DIPTERA, enzymology/ DIPTERA, growth & development/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FRUCTOSEDIPHOSPHATE ALDOLASE, analysis/ FRUCTOSEDIPHOSPHATE ALDOLASE, metabolism/ GEL FILTRATION/ ISOELECTRIC FOCUSING/ LARVA, enzymology/ METAMORPHOSIS, BIOLOGICAL/ MOLECULAR WEIGHT/ *MUSCLES, enzymology/ MUSCLES, growth & development/ PEPTIDES, analysis/ SODIUM DODECYL SULFATE/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPSIN

4552. **Levenbuk IS:** Induktsiia angiogennykh sarkom nekotorymi adenovirusami mlekopitaiushchikh.
Biull Eksp Biol Med 73:71-5, Oct 72 (Rus)
*ADENOVIRUS/ ANIMAL EXPERIMENTS/ CATTLE/ ENGLISH ABSTRACT/ HAMSTERS/ *HEMANGIOPERICYTOMA/ *LEIOMYOSARCOMA/ MONKEYS/ *SARCOMA, EXPERIMENTAL

4553. **Levin B:** Mechanical small bowel obstruction.
Semin Roentgenol 8:281-97, Jul 73
ADHESIONS, radiography/ ADULT/ AGE FACTORS/ AGED/ APPENDICITIS, radiography/ CHOLELITHIASIS, radiography/ CONTRAST MEDIA/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ *INTESTINAL OBSTRUCTION, radiography/ *INTESTINE, SMALL, radiography/ MALE/ MIDDLE AGE

4554. **Levin DC, Watson RC, Baltaxe HA:** Arteriography of retroperitoneal masses.
Radiology 108:543-51, Sep 73
ABSCESS, radiography/ ANGIOGRAPHY/ AORTA, ABDOMINAL, pathology/ CYSTS, radiography/ HEMATOMA, radiography/ HUMAN/ ILIAC ARTERY, pathology/ LEIOMYOSARCOMA, radiography/ LIPOMA, radiography/ LIPOSARCOMA, radiography/ LYMPHOMA, radiography/ MESENTERIC ARTERIES, pathology/ MESOTHELIOMA, radiography/ NEOPLASM METASTASIS/ NEURILEMMOMA, radiography/ NEUROFIBROMA, radiography/ PERITONEAL DISEASES, radiography/ RENAL ARTERY, pathology/ RETROPERITONEAL FIBROSIS, radiography/ *RETROPERITONEAL NEOPLASMS, radiography/ *RETROPERITONEAL SPACE/ SPLENIC ARTERY, pathology/ TERATOID TUMOR, radiography

4555. **Levin MM, Loseva VA:** K kharakteristike geparinovogo profilia u bol'nykh ékzemoĭ.
Vestn Dermatol Venerol 46:19-21, Jul 72 (Rus)
ADOLESCENCE/ ADULT/ AGED/ BLOOD COAGULATION, drug effects/ BLOOD SEDIMENTATION/ *ECZEMA, blood/ ENGLISH ABSTRACT/ *HEPARIN, blood/ HEPARIN, pharmacodynamics/ HUMAN/ MIDDLE AGE

4556. **Levine FH, Copeland JG:** Prosthetic replacement of the mitral valve. Continuing assessments of the 100 patients operated upon during 1961-1965.
Circulation 47:518-26, Mar 73
ADOLESCENCE/ ADULT/ AORTIC VALVE INSUFFICIENCY, complications/ AURICULAR FIBRILLATION, complications/ CEREBRAL HEMORRHAGE, mortality/ CHILD/ DEATH, SUDDEN/ ENDOCARDITIS, BACTERIAL, mortality/ FEMALE/ FOLLOW-UP STUDIES/ HEART VALVE DISEASES, classification/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ MALE/ MIDDLE AGE/ MITRAL VALVE INSUFFICIENCY, complications/ *MITRAL VALVE INSUFFICIENCY, surgery/ MITRAL VALVE STENOSIS, complications/ *MITRAL VALVE STENOSIS, surgery/ MYOCARDIAL INFARCT, mortality/ POSTOPERATIVE COMPLICATIONS, mortality/ THROMBOEMBOLISM, mortality/ TRICUSPID VALVE INSUFFICIENCY, complications/ WARFARIN, adverse effects

4557. **Levine PH:** An acute effect of cigarette smoking on platelet function. A possible link between smoking and arterial thrombosis.
Circulation 48:619-23, Sep 73
ADENOSINE DIPHOSPHATE, pharmacodynamics/ BLOOD CELL COUNT/ BLOOD COAGULATION FACTORS, analysis/ *BLOOD PLATELETS, physiology/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HUMAN/ LIPOPROTEINS, blood/ MALE/ PLATELET ADHESIVENESS, drug effects/ *SMOKING, complications/ STRESS, PSYCHOLOGICAL/ *THROMBOSIS, etiology/ TIME FACTORS

4558. **Levine PH:** A qualitative platelet defect in severe vitamin B 12 deficiency. Response, hyperresponse, and thrombosis after vitamin B 12 therapy.
Ann Intern Med 78:533-9, Apr 73
ADENOSINE DIPHOSPHATE/ AGED/ BIOLOGICAL ASSAY/ BLOOD CELL COUNT/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ BLOOD PLATELET DISORDERS, drug therapy/ *BLOOD PLATELET DISORDERS, etiology/ COLLAGEN/ COLORIMETRY/ EPINEPHRINE, pharmacodynamics/ FEMALE/ FIBRINOGEN, analysis/ FOLIC ACID, blood/ HUMAN/ LACTOBACILLUS CASEI/ MALE/ MIDDLE AGE/ *PLATELET ADHESIVENESS/ PROTHROMBIN TIME/ RADIOISOTOPE DILUTION TECHNIC/ SCHILLING TEST/ THROMBOPLASTIN/ *THROMBOSIS, etiology/ VITAMIN B 12, blood/ *VITAMIN B 12, therapeutic use/ *VITAMIN B 12 DEFICIENCY, complications

4559. **Levine PH, Britten AF:** Supervised patient-management of hemophilia. A study of 45 patients with hemophilia A and B.
Ann Intern Med 78:195-201, Feb 73
ABSENTEEISM/ ADOLESCENCE/ ADULT/ ATTITUDE/ BOSTON/ CHILD/ CHILD, PRESCHOOL/ *CHRISTMAS DISEASE, therapy/ DELIVERY OF HEALTH CARE/ EXPENDITURES, HEALTH/ *FACTOR VIII, therapeutic use/ *FACTOR IX, therapeutic use/ FOLLOW-UP STUDIES/ HEMOPHILIA, mortality/ *HEMOPHILIA, therapy/ HOME NURSING/ HOSPITALIZATION/ HUMAN/ MALE/ MIDDLE AGE/ *SELF MEDICATION

4560. **Levine RU, Neuwirth RS:** Simultaneous laparoscopy and hysteroscopy for intrauterine adhesions.
Obstet Gynecol 42:441-5, Sep 73
ADHESIONS, complications/ ADHESIONS, surgery/ ELECTROSURGERY/ *ENDOSCOPY/ ESTROGENIC SUBSTANCES, CONJUGATED, administration & dosage/ FEMALE/ FIBER OPTICS/ HUMAN/ INTRAUTERINE DEVICES/ *LAPAROSCOPY/ MEDROXYPROGESTERONE, administration & dosage/ *MENSTRUATION DISORDERS, diagnosis/ POSTOPERATIVE COMPLICATIONS/ STERILITY, FEMALE/ SURGICAL WOUND INFECTION, complications/ *UTERINE DISEASES, diagnosis/ UTERINE DISEASES, radiography/ UTERUS, injuries/ UTERUS, radiography

4561. **Levine SB:** Embolism of cerebral tissue to lungs.
Arch Pathol 96:183-5, Sep 73
ADULT/ *BRAIN, pathology/ FIBRIN/ HEAD INJURIES, complications/ HUMAN/ LUNG, pathology/ MALE/ PULMONARY ARTERY, pathology/ *PULMONARY EMBOLISM, etiology/ WOUNDS, GUNSHOT, complications

4562. **Levinson CJ:** Hysterectomy complications.
Clin Obstet Gynecol 15:802-26, Sep 72 (16 ref.)
DYSPAREUNIA, etiology/ EMOTIONS/ FEMALE/ GASTROINTESTINAL DISEASES, etiology/ GASTROINTESTINAL DISEASES,

therapy/ HEMATOMA, therapy/ HUMAN/ *HYSTERECTOMY, adverse effects/ LUNG DISEASES, etiology/ LUNG DISEASES, therapy/ NERVOUS SYSTEM, injuries/ OVARIAN DISEASES, surgery/ *POSTOPERATIVE COMPLICATIONS, etiology/ POSTOPERATIVE COMPLICATIONS, prevention & control/ REVIEW/ SHOCK, etiology/ SHOCK, therapy/ SURGICAL WOUND DEHISCENCE, surgery/ SURGICAL WOUND INFECTION, drug therapy/ URINARY TRACT, injuries/ UROLOGIC DISEASES, etiology/ UROLOGIC DISEASES, therapy/ VASCULAR DISEASES, etiology/ VASCULAR DISEASES, therapy

4563. **Levy CC, Mitch WE, Schmukler M:** Effect of polyamines on a ribonuclease which hydrolyzes ribonucleic acid at uridylic acid residues.
J Biol Chem 248:5712-9, 25 Aug 73
AMMONIUM SULFATE/ BUFFERS/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ COMPARATIVE STUDY/ DRUG STABILITY/ *ENTEROBACTERIACEAE, enzymology/ GEL FILTRATION/ HEAT/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ OSMOLAR CONCENTRATION/ POLY A-U/ *POLYAMINES/ *POLYNUCLEOTIDES/ PROTAMINES/ RIBONUCLEASE, antagonists & inhibitors/ *RIBONUCLEASE, isolation & purification/ RNA/ SPERMINE/ STRUCTURE-ACTIVITY RELATIONSHIP/ SULFURIC ACIDS/ *URACIL NUCLEOTIDES

4564. **Levy D:** The esterification of insulin with triethyloxonium tetrafluoroborate.
Biochim Biophys Acta 310:406-15, 15 Jun 73
ADIPOSE TISSUE, drug effects/ ADIPOSE TISSUE, metabolism/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ ASPARAGINE/ BIOLOGICAL ASSAY/ *BORON COMPOUNDS/ CARBODIIMIDES/ CARBON ISOTOPES/ CARBOXYPEPTIDASES/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ ESTERS, analysis/ ESTERS, chem synthesis/ FLUORINE/ GEL FILTRATION/ GLUCOSE, metabolism/ GLYCINE/ INDICATORS AND REAGENTS/ *INSULIN/ INSULIN, analysis/ INSULIN, pharmacodynamics/ MALE/ ONIUM COMPOUNDS/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ RADIOIMMUNOASSAY/ RATS

4565. **Levy D, Paselk RA:** The trifluoroacetylation of insulin.
Biochim Biophys Acta 310:398-405, 15 Jun 73
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CATTLE/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CONVULSIONS, chemically induced/ DEAMINATION/ DIMETHYLFORMAMIDE/ GEL FILTRATION/ GLYCINE/ *INSULIN/ INSULIN, analysis/ INSULIN, pharmacodynamics/ MICE/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ SULFHYDRYL COMPOUNDS, analysis/ TRYPSIN

4566. **Levy G, Cresp-Bordex E, Faizende J, et al:** Etude de l'agrégabilité plaquettaire dans la période post-opératoire immédiate.
Mars Med 109:537-40, 1972 (Fre)
BLOOD COAGULATION TESTS/ HUMAN/ *PLATELET ADHESIVENESS/ *POSTOPERATIVE COMPLICATIONS/ *THROMBOEMBOLISM, etiology

4567. **Levy H, Schoop W, Zeitler E, et al:** 4 Jahre Erfahrung mit der thrombolytischen Therapie chronischer Arterienokklusionen. Früh- und Spätergebnisse bei 350 Kranken mit Streptokinase behandelten Verschlusskranken.
Verh Dtsch Ges Inn Med 78:627-31, 1972 (Ger)
*ARTERIAL OCCLUSIVE DISEASES, drug therapy/ CHRONIC DISEASE/ HUMAN/ STREPTOKINASE, adverse effects/ *STREPTOKINASE, therapeutic use/ TIME FACTORS

4568. **Levy L, Smith JK:** Retention of a sulfated polysaccharide (SPG) and attempts at modifying this retention. Agents Actions 2:236-40, 1972
ACETAZOLAMIDE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CORTISONE, pharmacodynamics/ DOGS/ HISTOCYTOCHEMISTRY/ LIVER, analysis/ LIVER, anatomy & histology/ *LIVER, metabolism/ LUNG, analysis/ MONKEYS/ POLYSACCHARIDES, analysis/ POLYSACCHARIDES, antagonists & inhibitors/ *POLYSACCHARIDES, metabolism/ PROBENECID, pharmacodynamics/ PROTAMINES, pharmacodynamics/ RATS/ RATS, INBRED STRAINS/ SPLEEN, analysis/ SULFUR, analysis/ *SULFUR, metabolism/ SULFUR ISOTOPES/ THORIUM, pharmacodynamics/ TIME FACTORS/ ZYMOSAN, pharmacodynamics

4569. **Levy NL, Amos DB, Solovieff GV, et al:** In vitro methods for assessment of antibody-mediated tumor immunity. Natl Cancer Inst Monogr 35:5-11, Dec 72
ANTIBODIES, analysis/ *ANTIBODIES, NEOPLASM, analysis/ ANTIBODY SPECIFICITY/ ANTIGEN-ANTIBODY COMPLEX/ *ANTIGENS, NEOPLASM, analysis/ AUTOANTIBODIES/ BURKITT'S LYMPHOMA VIRUS, immunology/ CARCINOEMBRYONIC ANTIGEN/ CHROMIUM ISOTOPES/ COMPLEMENT/ COMPLEMENT FIXATION TESTS/ CROSS REACTIONS/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ EMBRYO/ FLUORESCENT ANTIBODY TECHNIC/ HEMAGGLUTINATION TESTS/ HISTOCOMPATIBILITY/ HUMAN/ *IMMUNOLOGIC TECHNICS, standards/ IN VITRO/ LYMPHOCYTES, immunology/ *NEOPLASMS, immunology/ NEURAMINIDASE, pharmacodynamics/ RABBITS, immunology/ TRYPSIN, pharmacodynamics

4570. **Levy VG, Buffet C, Conard J:** Trobules de la coagulation au cours de réinjections continues du liquide d'ascite. Fibrinolyse ou coagulation intra-vasculaire.
Nouv Presse Med 2:446, 17 Feb 73 (Fre)
AMINOCAPROIC ACID, therapeutic use/ *ASCITIC FLUID/ BLOOD COAGULATION DISORDERS, drug therapy/ *BLOOD COAGULATION DISORDERS, etiology/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *FIBRINOLYSIS/ HEMORRHAGE, drug therapy/ HEMORRHAGE, etiology/ HUMAN/ INJECTIONS, INTRAVENOUS/ LIVER CIRRHOSIS, drug therapy

4571. **Levy-Toledano S, Rendu F, Besson P, et al:** Aggregation of human gel-filtered platelets. Requirement of apyrase and proteins.
Rev Eur Etud Clin Biol 17:513-8, May 72
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ALBUMINS, pharmacodynamics/ *BLOOD PLATELETS/ BLOOD PLATELETS, drug effects/ CALCIUM, pharmacodynamics/ *CELL AGGREGATION, drug effects/ FIBRINOGEN, pharmacodynamics/ GAMMA GLOBULIN, pharmacodynamics/ GEL FILTRATION/ HUMAN/ METHODS/ PHOSPHATASES, pharmacodynamics/ POLYSACCHARIDES

4572. **Lew HS:** An arithmetical approach to the mechanics of blood flow in small caliber blood vessels.
J Biomech 5:49-69, Jan 72
*BLOOD FLOW VELOCITY/ *BLOOD VESSELS, anatomy & histology/ BLOOD VESSELS, physiology/ BLOOD VISCOSITY/ CAPILLARIES, anatomy & histology/ CAPILLARIES, physiology/ ERYTHROCYTES, physiology/ HEMATOCRIT/ HUMAN/ MATHEMATICS/ MODELS, BIOLOGICAL

4573. **Lewis B:** Metabolism of the plasma lipoproteins.
Sci Basis Med 118-44, 1972 (129 ref.)
AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ BILE, metabolism/ *BLOOD PROTEINS, metabolism/ CHOLESTEROL, blood/ CHOLESTEROL, metabolism/ FATTY ACIDS, NONESTERIFIED, metabolism/

HUMAN/ LIPIDS, blood/ LIPOPROTEIN LIPASE/ *LIPOPROTEINS, blood/ LIPOPROTEINS, metabolism/ LIPOPROTEINS, HDL, metabolism/ LIPOPROTEINS, LDL, metabolism/ LIPOPROTEINS, VLDL, metabolism/ RATS/ REVIEW/ TRIGLYCERIDES, metabolism/ ULTRACENTRIFUGATION

4574. **Lewis BK, Ketchel MM:** Effects of female reproductive tract secretions on rabbit sperm. II. Control of sperm hyaluronidase release.
Proc Soc Exp Biol Med 141:719-24, Nov 72
ANIMAL EXPERIMENTS/ *BODY FLUIDS/ BODY FLUIDS, analysis/ CASTRATION/ FEMALE/ GEL FILTRATION/ HEAT/ *HYALURONIDASE, metabolism/ MALE/ OVULATION/ PROGESTERONE, administration & dosage/ PROGESTERONE, pharmacodynamics/ PROTEINS, analysis/ RABBITS/ SOY BEANS/ SPERM CAPACITATION/ SPERMATOZOA, drug effects/ *SPERMATOZOA, enzymology/ TIME FACTORS/ TRYPSIN INHIBITORS, administration & dosage/ TRYPSIN INHIBITORS, pharmacodynamics/ *UTERUS, secretion

4575. **Lewis DG, Mackenzie A, McNeill IF:** The use of the G suit in the control of bleeding arising from hypocoagulation. Ann R Coll Surg Engl 52:53-8, Jan 73
ADOLESCENCE/ AGED/ AORTA, ABDOMINAL/ AORTIC ANEURYSM, complications/ AORTIC ANEURYSM, surgery/ *BLOOD COAGULATION DISORDERS, complications/ *CLOTHING/ FEMALE/ HEMORRHAGE, complications/ HEMORRHAGE, etiology/ HEMORRHAGE, prevention & control/ *HEMORRHAGE, therapy/ HUMAN/ HYPOTENSION, etiology/ HYPOTENSION, therapy/ ISCHEMIA, etiology/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, therapy/ *PRESSURE

4576. **Lewis DG, Mackenzie A, McNeill IF:** The control of abdominal haemorrhage by external counterpressure.
Resuscitation 1:117-30, Jul 72
ABDOMINAL INJURIES, therapy/ ADOLESCENCE/ AGED/ AORTA, ABDOMINAL/ AORTIC ANEURYSM, therapy/ AORTIC RUPTURE, therapy/ BLOOD VOLUME/ EMERGENCIES/ FEMALE/ *HEMORRHAGE, therapy/ *HEMOSTASIS, instrumentation/ HUMAN/ MALE/ METHODS/ *PRESSURE

4577. **Lewis EE, Schnug GE:** Importance of angiography in the management of massive hemorrhage from colonic diverticula. Am J Surg 124:573-80, Nov 72
ADULT/ AGED/ *ANGIOGRAPHY/ BARIUM SULFATE, diagnostic use/ BLOOD COAGULATION TESTS/ *DIVERTICULOSIS, COLONIC, complications/ DIVERTICULOSIS, COLONIC, radiography/ DIVERTICULOSIS, COLONIC, surgery/ DIVERTICULOSIS, COLONIC, therapy/ ENEMA/ EPINEPHRINE, administration & dosage/ FEMALE/ *HEMORRHAGE, GASTROINTESTINAL, etiology/ HEMORRHAGE, GASTROINTESTINAL, therapy/ HUMAN/ MALE/ MIDDLE AGE/ VASOCONSTRICTOR AGENTS, administration & dosage

4578. **Lewis JH:** Hemorrhagic disease associated with inhibitors of fibrin cross-linkage.
Ann NY Acad Sci 202:213-9, 8 Dec 72
AGED/ AMINOSALICYLIC ACID, pharmacodynamics/ AMINOSALICYLIC ACID, therapeutic use/ ANTIBODIES/ ANTIGEN-ANTIBODY REACTIONS/ BINDING, COMPETITIVE/ BINDING SITES/ *BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ CALCIUM/ ENZYME ACTIVATION/ *FACTOR XIII/ FACTOR XIII, antagonists & inhibitors/ FACTOR XIII, metabolism/ FEMALE/ *FIBRIN/ *HEMORRHAGE, etiology/ HUMAN/ ISONIAZID, adverse effects/ ISONIAZID, therapeutic use/ MALE/ MIDDLE AGE/ PEPTIDES, metabolism/ TUBERCULOSIS, drug therapy

4579. **Lewis JH, Szeto IL, Bayer WL, et al:** Leukofibrinolysis.
Blood 40:844-55, Dec 72
ANIMAL EXPERIMENTS/ DOGS/ FIBRIN, isolation & purification/ FIBRINOLYSIN, isolation & purification/ *FIBRINOLYSIS/ FLUORESCENT ANTIBODY TECHNIC/ HYDROGEN-ION CONCENTRATION/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ IODINE ISOTOPES/ *LEUKOCYTES, immunology/ MICROSCOPY, ELECTRON/ *PHAGOCYTOSIS/ RABBITS, immunology/ SOLUBILITY

4580. **Lewis JH, Szeto IL, Bayer WL, et al:** Leukofibrinolysis.
Blood 40:844-55, Dec 72
ANIMAL EXPERIMENTS/ DOGS/ *FIBRIN/ FIBRINOLYSIN/ *FIBRINOLYSIS/ FLUORESCENT ANTIBODY TECHNIC/ IMMUNE SERUMS/ IODINE ISOTOPES/ *LEUKOCYTES, immunology/ MICROSCOPY, ELECTRON/ *PHAGOCYTOSIS/ RABBITS, immunology/ SOLUBILITY/ STREPTOKINASE, pharmacodynamics

4581. **Lewis JH, Wilson JH, Brandon JM:** Counterelectrophoresis test for molecules immunologically similar to fibrinogen.
Am J Clin Pathol 58:400-4, Oct 72
AFIBRINOGENEMIA, blood/ ANTIBODIES/ FIBRIN, analysis/ *FIBRINOGEN, analysis/ HEMORRHAGE, blood/ HUMAN/ IMMUNE SERUMS/ *IMMUNOELECTROPHORESIS/ RABBITS, immunology/ THROMBOEMBOLISM, blood/ THROMBOSIS, blood

4582. **Lewis MI, Pirruccello R:** Use of angiography to diagnose subcapsular hematoma of the spleen before delayed rupture. Am Surg 39:587-91, Oct 73
*ABDOMINAL INJURIES, radiography/ ACCIDENTS, TRAFFIC/ ADOLESCENCE/ *ANGIOGRAPHY/ *HEMATOMA, diagnosis/ HEMATURIA/ HUMAN/ MALE/ *SPLEEN, injuries/ SPLEEN, radiography/ *SPLENIC RUPTURE, etiology/ SPLENIC RUPTURE, mortality/ TIME FACTORS

4583. **Lewis MR, Dale WA:** Special problems in the use of heparin for thromboembolism.
Surg Gynecol Obstet 137:472-4, Sep 73
ARTERIES, surgery/ BLOOD COAGULATION/ FEMALE/ HEART ARREST/ HEMORRHAGE, chemically induced/ HEPARIN, administration & dosage/ HEPARIN, adverse effects/ *HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, INTRAMUSCULAR, adverse effects/ INJECTIONS, INTRAVENOUS, adverse effects/ LIGATION, adverse effects/ MENSTRUATION/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, etiology/ THROMBOEMBOLISM, complications/ *THROMBOEMBOLISM, drug therapy/ THROMBOEMBOLISM, surgery

4584. **Lewis PN, Momany FA, Scheraga HA:** Chain reversals in proteins.
Biochim Biophys Acta 303:211-29, 20 Apr 73
*AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CARBOXYPEPTIDASES, analysis/ CATTLE/ CETACEA/ CHICKENS/ CHYMOTRYPSIN, analysis/ CYTOCHROME C, analysis/ FEMALE/ HORSES/ IRON/ MODELS, STRUCTURAL/ MURAMIDASE, analysis/ MYOGLOBIN, analysis/ OLIGOPEPTIDES, analysis/ OVALBUMIN/ *PROTEIN CONFORMATION/ *PROTEINS, analysis/ RIBONUCLEASE, analysis/ STAPHYLOCOCCUS/ SUBTILISINS, analysis/ X-RAY DIFFRACTION

4585. **Lewis RJ, Trager WF, Robinson AJ, et al:** Warfarin metabolites: the anticoagulant activity and pharmacology of warfarin alcohols.
J Lab Clin Med 81:925-31, Jun 73
ALCOHOLS, administration & dosage/ ALCOHOLS, blood/ *ALCOHOLS, metabolism/ ALCOHOLS, pharmacodynamics/ ALCOHOLS, therapeutic use/ ALCOHOLS, urine/

*ANTICOAGULANTS, pharmacodynamics/ BLOOD COAGULATION FACTORS, antagonists & inhibitors/ CHROMATOGRAPHY, THIN LAYER/ HUMAN/ ISOMERISM/ PHENOBARBITAL, pharmacodynamics/ PROTHROMBIN TIME/ SPECTRUM ANALYSIS/ STRUCTURE-ACTIVITY RELATIONSHIP/ VITAMIN K, antagonists & inhibitors/ VITAMIN K, pharmacodynamics/ WARFARIN, administration & dosage/ WARFARIN, blood/ *WARFARIN, metabolism/ WARFARIN, therapeutic use/ WARFARIN, urine

4586. **Lewis SD, Shafer JA:** Conversion of exposed aspartyl and glutamyl residues in proteins to asparaginyl and glutaminyl residues.
Biochim Biophys Acta 303:284-91, 20 Apr 73
AMIDES/ AMMONIUM CHLORIDE/ ASPARAGINASE/ *ASPARAGINE/ *ASPARTIC ACID/ AUTOANALYSIS/ CARBODIIMIDES/ CATTLE/ CHYMOTRYPSIN/ CHYMOTRYPSINOGEN/ ESCHERICHIA COLI, enzymology/ ESTERS/ *GLUTAMATES/ *GLUTAMINE/ GLYCINE/ MURAMIDASE/ PANCREAS, enzymology/ PEPSIN/ PROTEIN CONFORMATION/ *PROTEINS/ RIBONUCLEASE/ SPECTROPHOTOMETRY/ STOMACH, enzymology/ SWINE/ TRYPSIN

4587. **Lewis WH:** Common polymorphism of peptidase A. Electrohoretic variants associated with quantitative variation of red cell levels.
Ann Hum Genet 36:267-71, Jan 73
ALLELES/ BLOOD PROTEIN ELECTROPHORESIS/ *ERYTHROCYTES, enzymology/ FEMALE/ GENE FREQUENCY/ GREAT BRITAIN/ HUMAN/ MALE/ METHODS/ NIGERIA/ PEDIGREE/ *PEPTIDE HYDROLASES, blood/ PHENOTYPE/ *POLYMORPHISM (GENETICS)/ RACIAL STOCKS/ *VARIATION (GENETICS)

4588. **Leyden JJ, Mills OH Jr:** Cystic acne as a source of bleeding in hemophilia.
Arch Dermatol 107:465-6, Mar 73
*ACNE, complications/ ACNE, drug therapy/ ADOLESCENCE/ CAROTENOIDS, therapeutic use/ CYSTS, complications/ FATTY ACIDS, UNSATURATED, therapeutic use/ *HEMOPHILIA, complications/ HEMORRHAGE, etiology/ HUMAN/ MALE/ STEROIDS, therapeutic use/ TETRACYCLINE, therapeutic use

4589. **Lhez A:** Prévention et traitement des hémorragies de la prostatectomie.
J Urol Nephrol (Paris) 78:492-4, Jun 72 (Fre)
AGED/ BLOOD TRANSFUSION/ *HEMORRHAGE, prevention & control/ HEMORRHAGE, therapy/ *HEMOSTASIS/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *PROSTATECTOMY/ *PROSTATIC HYPERTROPHY, surgery

4590. **Lhez A, Sarramon JP, Ferry M, et al:** Notre attitude dans la prévention des thromboses veineuses en chirurgie urinaire.
J Urol Nephrol (Paris) 79:120-3, Jan-Feb 73 (Fre)
*BLADDER, surgery/ BLOOD COAGULATION TESTS/ *HEPARIN, therapeutic use/ HUMAN/ ILEUM, surgery/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *PROSTATECTOMY/ *THROMBOPHLEBITIS, prevention & control/ URINARY DIVERSION

4591. **Li CH:** Adrenocorticotropin 45. Revised amino acid sequences for sheep and bovine hormones.
Biochem Biophys Res Commun 49:835-9, 1 Nov 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CATTLE/ *CORTICOTROPIN, analysis/ ELECTROPHORESIS, PAPER/ HUMAN/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ SHEEP/ SPECIES SPECIFICITY/ SWINE/ TRYPSIN

4592. **Li CH, Gordon D, Knorr J:** The primary structure of sheep pituitary growth hormone.
Arch Biochem Biophys 156:493-508, Jun 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ ELECTROPHORESIS/ FORMIC ACIDS/ GEL FILTRATION/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ *PITUITARY GLAND, analysis/ SHEEP/ *SOMATOTROPIN, analysis/ SOMATOTROPIN, isolation & purification/ TRYPSIN

4593. **Li CY, Chuda RA, Lam WK, et al:** Acid phosphatases in human plasma.
J Lab Clin Med 82:446-60, Sep 73
*ACID PHOSPHATASE, blood/ ACID PHOSPHATASE, isolation & purification/ ALKALINE PHOSPHATASE, antagonists & inhibitors/ BLOOD PLATELETS, enzymology/ ELECTROPHORESIS, DISK/ ERYTHROCYTES, enzymology/ FEMALE/ HUMAN/ INDICATORS AND REAGENTS/ ISOENZYMES, antagonists & inhibitors/ ISOENZYMES, blood/ ISOENZYMES, isolation & purification/ LEUKOCYTES, enzymology/ MALE/ METHODS/ NAPHTHOLS/ NITROPHENOLS/ PHENOLPHTHALEINS/ PHOSPHATES/ PROSTATIC HYPERTROPHY, enzymology/ PROSTATIC NEOPLASMS, enzymology/ TARTRATES, pharmacodynamics

4594. **Li CY, Lam KW, Yam LT:** Esterases in human leukocytes.
J Histochem Cytochem 21:1-12, Jan 73
BLOOD PLATELETS, enzymology/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ESTERASES, antagonists & inhibitors/ *ESTERASES, blood/ HEMOCHROMATOSIS, blood/ HEMOCHROMATOSIS, enzymology/ HISTOCYTOCHEMISTRY/ HUMAN/ ISOENZYMES, blood/ *LEUKOCYTES, enzymology/ LYMPHOCYTES, enzymology/ METHODS/ MONOCYTES, enzymology/ NEUTROPHILS, enzymology/ PLASMA CELLS, enzymology/ POLYCYTHEMIA VERA, blood/ POLYCYTHEMIA VERA, enzymology

4595. **Li CY, Yam LT, Crosby WH:** Histochemical characterization of cellular and structural elements of the human spleen.
J Histochem Cytochem 20:1049-58, Dec 72
ACID PHOSPHATASE, analysis/ ALKALINE PHOSPHATASE, analysis/ BLOOD VESSELS, enzymology/ ERYTHROCYTES, enzymology/ ESTERASES, analysis/ HISTOCYTOCHEMISTRY/ HUMAN/ LEUKOCYTES, enzymology/ LYMPHOCYTES, enzymology/ MACROPHAGES, enzymology/ MAST CELLS, enzymology/ METHODS/ PEROXIDASES, analysis/ *SPLEEN/ SPLEEN, analysis/ SPLEEN, cytology/ SPLEEN, enzymology/ STAINS AND STAINING/ TEMPERATURE/ TIME FACTORS/ TRYPSIN, analysis

4596. **Li FP, Jaffe N, Mitus WJ, et al:** Epidemiology of acute myelomonocytic leukemia in children.
Cancer 31:516-9, Mar 73
ADOLESCENCE/ ANEMIA, APLASTIC, complications/ BOSTON/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ LEUKEMIA, MYELOCYTIC, complications/ LEUKEMIA, MYELOCYTIC, familial & genetic/ *LEUKEMIA, MYELOCYTIC, occurrence/ MALE/ MENTAL RETARDATION, complications/ THROMBOPENIA, complications

4597. **Li SL, Yanofsky C:** Amino acid sequence studies with the tryptophan synthetase chain of Salmonella typhimurium.
J Biol Chem 248:1830-6, 10 Mar 73
*AMINO ACID SEQUENCE/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ ESCHERICHIA COLI, enzymology/ GEL FILTRATION/ *HYDRO-LYASES, analysis/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ *SALMONELLA TYPHIMURIUM, enzymology/ SPECIES SPECIFICITY/ THERMOLYSIN/ THIOCYANATES/ TRYPSIN/ TRYPTOPHAN SYNTHETASE, analysis

4598. **Li SL, Yanofsky C:** Amino acid sequence studies with the tryptophan synthetase chain of Aerobacter aerogenes. J Biol Chem 248:1837-43, 10 Mar 73
*AEROBACTER AEROGENES, enzymology/ *AMINO ACID SEQUENCE/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, ION EXCHANGE/ ESCHERICHIA COLI, enzymology/ EVOLUTION/ GEL FILTRATION/ *HYDRO-LYASES, analysis/ KINETICS/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ SALMONELLA TYPHIMURIUM, enzymology/ SPECIES SPECIFICITY/ TRYPSIN/ TRYPTOPHAN SYNTHETASE, analysis

4599. **Li YT, Li SC:** Some experiences in the fractionation of proteins by isoelectric focusing.
Ann NY Acad Sci 209:187-97, 15 Jun 73
ACETIC ACIDS/ BLOOD COAGULATION FACTORS, isolation & purification/ CHIMPANZEES/ CHROMATOGRAPHY, ION EXCHANGE/ COMPARATIVE STUDY/ ELECTROPHORESIS, DISK/ EVALUATION STUDIES/ GALACTOSIDASE, isolation & purification/ GLUCOSAMINIDASE, isolation & purification/ GLYCOPROTEINS, isolation & purification/ HEXOSAMINIDASES, isolation & purification/ HUMAN/ ISOELECTRIC FOCUSING/ MANNOSE/ PLANTS, enzymology/ *PROTEINS, isolation & purification/ RABBITS, immunology

4600. **Liacopoulos P, Harel S, Efraim SB:** Quality, affinity, and class A antibody produced after partial tolerance induction. Transplant Proc 4:391-4, Sep 72
AMINOCAPROIC ACID/ ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ *ANTIBODY FORMATION/ ANTIGEN-ANTIBODY REACTIONS/ ANTIGENS/ COMPLEMENT FIXATION TESTS/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ DINITROPHENOLS/ GUINEA PIGS/ HYPERSENSITIVITY, DELAYED, immunology/ IGG, analysis/ IGM, analysis/ *IMMUNE TOLERANCE/ PRECIPITIN TESTS/ SERUM ALBUMIN, BOVINE/ SKIN TESTS

4601. **Liaras H:** Paralysie bilatérale du crural par hématome sous-péritonéal lombo-iliaque.
Lyon Chir 68:381-2, Sep-Oct 72 (Fre)
ADOLESCENCE/ *FEMORAL NERVE/ *HEMATOMA, complications/ HUMAN/ *LUMBOSACRAL REGION, injuries/ MALE/ *NERVE COMPRESSION SYNDROMES, etiology/ *PARALYSIS, etiology

4602. **Libánský J, Lukášová M, Piňosová I:** Blastogenic transformation of lymphocytes following phytohaemagglutinin treatment in vitro in malignant lymphomas. I. Hodgkin's disease. (Correlation with immunity response of the cellular type and with the clinical status). Neoplasma 20:51-60, 1973
ADULT/ AGED/ ANTIBODIES, NEOPLASM/ ANTIBODY FORMATION/ ANTIGENS/ CELL TRANSFORMATION, NEOPLASTIC/ FEMALE/ *HODGKIN'S DISEASE, immunology/ HUMAN/ HYPERSENSITIVITY, DELAYED, immunology/ *IMMUNITY, CELLULAR/ LEUKOCYTE COUNT/ *LYMPHOCYTE TRANSFORMATION/ MALE/ MIDDLE AGE/ NEOPLASM CIRCULATING CELLS/ *PLANT AGGLUTININS/ SKIN TESTS/ STREPTOKINASE, pharmacodynamics/ TUBERCULIN TEST

4603. **Libánský J, Lukášová M, Piňosová I:** Blastogenic transformation of lymphocytes following phytohaemagglutinin treatment in vitro in malignant lymphomas. 3. Chronic lymphatic leukaemia.
Neoplasma 20:69-77, 1973
ADULT/ AGED/ CHLORAMBUCIL, therapeutic use/ FEMALE/ HUMAN/ HYPERSENSITIVITY, DELAYED, immunology/ *IMMUNITY, CELLULAR/ LEUKEMIA, LYMPHOCYTIC, drug therapy/ *LEUKEMIA, LYMPHOCYTIC, immunology/ LEUKOCYTE COUNT/ *LYMPHOCYTE TRANSFORMATION/ MALE/ MIDDLE AGE/ *PLANT AGGLUTININS/ REMISSION/ SKIN TESTS/ STREPTOKINASE, pharmacodynamics/ TUBERCULIN TEST

4604. **Libánský J, Sedláčková M, Piňosová I:** Blastogenic transformation of lymphocytes following phytohaemagglutinin treatment in vitro in malignant lymphomas. II. Reticulosarcoma. (Correlation with the immunity reaction of the cellular type and the clinical status). Neoplasma 20:61-7, 1973
ADULT/ AGED/ ANTIBODIES, NEOPLASM/ ANTIBODY FORMATION/ CELL TRANSFORMATION, NEOPLASTIC/ FEMALE/ HUMAN/ HYPERSENSITIVITY, DELAYED/ *IMMUNITY, CELLULAR/ *LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES/ LYMPHOSARCOMA, immunology/ MALE/ MIDDLE AGE/ NEOPLASM CIRCULATING CELLS/ *PLANT AGGLUTININS/ *SARCOMA, RETICULUM CELL, immunology/ SKIN TESTS/ STREPTOKINASE, pharmacodynamics/ TUBERCULIN TEST

4605. **Libman LJ, Goldsmith KL:** Quinidine-induced thrombocytopenia. Proc R Soc Med 65:590, Jul 72
AGED/ FEMALE/ HUMAN/ PURPURA, THROMBOPENIC, chemically induced/ *QUINIDINE, adverse effects/ *THROMBOPENIA, chemically induced

4606. **Libonati M, Taniguchi T, Leone E:** Resistance of ribonuclease dimers to subtilisin.
Biochim Biophys Acta 317:160-3, 12 Jul 73
CHEMISTRY/ MACROMOLECULAR SYSTEMS/ MALE/ PANCREAS, enzymology/ *PEPTIDE PEPTIDOHYDROLASES/ PROTEIN CONFORMATION/ *RIBONUCLEASE/ SEMEN, enzymology/ SUBTILISINS/ TIME FACTORS/ TRYPSIN

4607. **Licht P:** Induction of spermiation in anurans by mammalian pituitary gonadotropins and their subunits. Gen Comp Endocrinol 20:522-9, Jun 73
ANIMAL EXPERIMENTS/ DRUG SYNERGISM/ FROGS/ *FROGS, physiology/ *FSH, pharmacodynamics/ HYPOPHYSECTOMY/ IMMUNE SERUMS, pharmacodynamics/ *LH, pharmacodynamics/ PITUITARY GLAND/ RANA CATESBEIANA/ RANA PIPIENS/ SPECIES SPECIFICITY/ *SPERMATOZOA, drug effects/ SWINE/ *TESTIS, drug effects/ TISSUE EXTRACTS/ TRYPSIN, pharmacodynamics

4608. **Licht S:** Stroke: a history of its rehabilitation. Walter J. Zeiter Lecture.
Arch Phys Med Rehabil 54:10-8 passim, Jan 73
ANTICOAGULANTS, therapeutic use/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ APHASIA, rehabilitation/ CAROTID ARTERIES, surgery/ CEREBROVASCULAR DISORDERS, complications/ CEREBROVASCULAR DISORDERS, drug therapy/ CEREBROVASCULAR DISORDERS, history/ *CEREBROVASCULAR DISORDERS, rehabilitation/ CEREBROVASCULAR DISORDERS, surgery/ EUROPE/ EXERCISE THERAPY, history/ HEMIPLEGIA, history/ HEMIPLEGIA, rehabilitation/ HEMIPLEGIA, surgery/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, ANCIENT/ HISTORY OF MEDICINE, 17TH CENT./ HISTORY OF MEDICINE, 18TH CENT./ HISTORY OF MEDICINE, 19TH CENT./ HISTORY OF MEDICINE, 20TH CENT./ HISTORY OF MEDICINE, MEDIEVAL/ HUMAN/ PHYSICAL THERAPY, history/ REFLEXOTHERAPY, history/ *REHABILITATION, history/ SPEECH THERAPY/ UNITED STATES

4609. **Lichtman MA, Marinetti GV:** Erythrocyte shape alteration "in vitro": relationship to plasma and cellular factors. Abstract.
Nouv Rev Fr Hematol 12:755-6, Nov-Dec 72
BLOOD PRESERVATION/ *ERYTHROCYTES/ ERYTHROCYTES, drug effects/ ERYTHROCYTES, metabolism/ *ERYTHROCYTES, ABNORMAL/ HUMAN/ IN VITRO/ PLASMA

4610. **Lichtman MA, Weed RI:** Divalent cation content of

normal and ATP-depleted erythrocytes and erythrocyte membranes.
Nouv Rev Fr Hematol 12:799-813, Nov-Dec 72
*ADENOSINE TRIPHOSPHATE, metabolism/ BLOOD PRESERVATION/ *CALCIUM, analysis/ CELL MEMBRANE, analysis/ *COPPER, analysis/ EDTA, pharmacodynamics/ *ERYTHROCYTES, analysis/ HUMAN/ IN VITRO/ *MAGNESIUM, analysis/ *ZINC, analysis

4611. **Lie TH, Rothfield NF:** An evaluation of the preliminary criteria for the diagnosis of systemic lupus erythematosus. Arthritis Rheum 15:532-4, Sep-Oct 72
ALOPECIA, etiology/ ANEMIA, HEMOLYTIC, etiology/ ARTHRITIS, etiology/ CONVULSIONS, etiology/ ERYTHEMA, etiology/ FALSE POSITIVE REACTIONS/ HUMAN/ LE CELLS/ LEUKOPENIA, etiology/ LUPUS ERYTHEMATOSUS, DISCOID, etiology/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, diagnosis/ MOUTH DISEASES, etiology/ NASOPHARYNGEAL DISEASES, etiology/ PERICARDITIS, etiology/ PHOTOSENSITIZATION, etiology/ PLEURAL DISEASES, etiology/ PROTEINURIA, etiology/ PSYCHOSES, etiology/ RAYNAUD'S DISEASE, etiology/ THROMBOPENIA, etiology/ ULCER, etiology

4612. **Lieber E, Hsu L, Spitler L, et al:** Cytogenetic findings in a parent of a patient with Fanconi's anemia.
Clin Genet 3:357-63, 1972
ADULT/ *ANEMIA, APLASTIC, familial & genetic/ BLOOD PLATELETS/ BONE MARROW CELLS/ CELL LINE/ CHROMOSOME ABERRATIONS/ *CHROMOSOMES, HUMAN, 19-20/ FEMALE/ FIBROBLASTS/ HISTOCYTOCHEMISTRY/ HUMAN/ KARYOTYPING/ LEUKOCYTES/ MALE/ MICROCIRCULATION/ MIDDLE AGE/ *MOSAICISM/ SKIN/ TRISOMY

4613. **Lieberman E:** The value of collaboration: the California model. J Pediatr 82:363-4, Feb 73
*ANEMIA, HEMOLYTIC, ACQUIRED, drug therapy/ CALIFORNIA/ CHILD/ EVALUATION STUDIES/ HEMOLYTIC-UREMIC SYNDROME, drug therapy/ *HEPARIN, therapeutic use/ HUMAN/ *UREMIA, drug therapy

4614. **Lieberman J:** Alpha 1 -antitrypsin deficiency.
Med Clin North Am 57:691-706, May 73 (35 ref.)
ADULT/ AGE FACTORS/ AGED/ *ALPHA GLOBULIN, analysis/ BLOOD PROTEIN ELECTROPHORESIS/ ETHNIC GROUPS/ GEL DIFFUSION TESTS/ HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ LIVER, enzymology/ LIVER DISEASES, etiology/ MALE/ *METABOLISM, INBORN ERRORS, complications/ MIDDLE AGE/ PULMONARY EMPHYSEMA, diagnosis/ PULMONARY EMPHYSEMA, enzymology/ PULMONARY EMPHYSEMA, etiology/ *PULMONARY EMPHYSEMA, familial & genetic/ RADIOISOTOPE SCANNING/ REVIEW/ SMOKING, complications/ *TRYPSIN INHIBITORS, blood

4615. **Lieberman J:** A new "double ring" screening test for alpha1-antitrypsin variants.
Am Rev Respir Dis 108:248-57, Aug 73
ANTIBODIES/ ANTIGEN-ANTIBODY REACTIONS/ *GEL DIFFUSION TESTS/ HEAT/ HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ METHODS/ PHENOTYPE/ PRECIPITIN TESTS/ PULMONARY EMPHYSEMA, familial & genetic/ TIME FACTORS/ *TRYPSIN INHIBITORS, blood

4616. **Lieberman J:** Involvement of leukocytic proteases in emphysema and antitrypsin deficiency.
Arch Environ Health 27:196-200, Sep 73
HAMSTERS/ HUMAN/ *LEUKOCYTES, enzymology/ LIVER, enzymology/ LUNG, enzymology/ *METABOLISM, INBORN ERRORS, enzymology/ METABOLISM, INBORN ERRORS, familial & genetic/ PANCREATOPEPTIDASE, antagonists & inhibitors/ *PEPTIDE HYDROLASES, metabolism/ PHENOTYPE/ PROTEIN BINDING/ *PULMONARY EMPHYSEMA, enzymology/ SPUTUM, cytology/ SPUTUM, enzymology/ TRYPSIN INHIBITORS, blood/ *TRYPSIN INHIBITORS, metabolism/ TRYPSIN INHIBITORS, pharmacodynamics

4617. **Lieberman J, Gaidulis L, Garoutte B, et al:** Identification and characteristics of the common alpha 1 -antitrypsin phenotypes.
Chest 62:557-64, Nov 72
ANTIBODIES/ ANTIGENS/ BLOOD PROTEIN ELECTROPHORESIS/ GEL DIFFUSION TESTS/ GENETICS, HUMAN/ HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ IMMUNOELECTROPHORESIS/ *PHENOTYPE/ PULMONARY EMPHYSEMA, enzymology/ *TRYPSIN INHIBITORS, blood

4618. **Liedholm P, Astedt B, Kullander S:** Passage of tranexamic acid (AMCA) to semen in man and its effect on the fibrinolytic activity and on migration of spermatozoa. Fertil Steril 24:517-20, Jul 73
ADULT/ CELL MOVEMENT, drug effects/ CERVIX MUCUS, physiology/ CYCLOHEXANECARBOXYLIC ACIDS, administration & dosage/ *CYCLOHEXANECARBOXYLIC ACIDS, metabolism/ CYCLOHEXANECARBOXYLIC ACIDS, pharmacodynamics/ FEMALE/ *FIBRINOLYSIS, drug effects/ HUMAN/ MALE/ METHYLAMINES, administration & dosage/ METHYLAMINES, metabolism/ METHYLAMINES, pharmacodynamics/ MIDDLE AGE/ SEMEN, analysis/ SEMEN, drug effects/ *SEMEN, metabolism/ *SPERMATOZOA, drug effects

4619. **Liehr H, Gruen M, Thiel H:** Different stimuli to disseminated intravascular coagulation in liver diseases. Thromb Diath Haemorrh 28:325-6, 31 Oct 72
ANIMAL EXPERIMENTS/ CARDIAC OUTPUT/ CONSTRICTION/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ GALACTOSAMINE, pharmacodynamics/ HEPATITIS, chemically induced/ HYPERTENSION, PORTAL/ LIVER CIRCULATION/ *LIVER CIRRHOSIS, complications/ MICROCIRCULATION/ PORTAL VEIN, surgery/ RATS/ SPLANCHNIC NERVES, blood supply

4620. **Liem RK, Scheraga HA:** Mechanism of action of thrombin on fibrinogen. 3. Partial mapping of the active sites of thrombin and trypsin.
Arch Biochem Biophys 158:387-95, Sep 73
AMIDES/ AMINO ACIDS, analysis/ AUTOANALYSIS/ BINDING SITES/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ ELECTROPHORESIS, DISK/ *FIBRINOGEN, metabolism/ GEL FILTRATION/ KINETICS/ OLIGOPEPTIDES/ OLIGOPEPTIDES, chem synthesis/ OPTICAL ROTATION/ PROTEIN BINDING/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *THROMBIN, analysis/ THROMBIN, metabolism/ TIME FACTORS/ *TRYPSIN, analysis/ TRYPSIN, metabolism

4621. **Liener IE, Garrison OR, Pravda Z:** The purification of human serum 1 -antitrypsin by affinity chromatography on concanavalin A.
Biochem Biophys Res Commun 51:436-43, 17 Mar 73
AMMONIUM SULFATE/ *BLOOD PROTEINS, isolation & purification/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CONCANAVALIN A/ ELECTROPHORESIS/ GEL DIFFUSION TESTS/ GOATS, immunology/ HORSES, immunology/ HUMAN/ IMMUNOELECTROPHORESIS/ *PHYTOMITOGENS/ *PLANT AGGLUTININS/ SERUM ALBUMIN/ TRYPSIN INHIBITORS, analysis/ *TRYPSIN INHIBITORS, blood/

TRYPSIN INHIBITORS, isolation & purification

4622. **Lienhard GE, Secemski II, Koehler KA, et al:** Enzymatic catalysis and the transition state theory of reaction rates: transition state analogs.
Cold Spring Harbor Symp Quant Biol 36:45-51, 1971
BINDING SITES/ BORONIC ACIDS/ CATALYSIS/ CHYMOTRYPSIN/ CINNAMATES/ DEOXYURIDINE/ *ENZYMES/ *KINETICS/ LACTONES/ MATHEMATICS/ MURAMIDASE/ PANCREAS, enzymology/ PROTEIN BINDING/ PROTEIN CONFORMATION/ PYRIMIDINE NUCLEOTIDES/ RIBONUCLEASE/ RIBONUCLEASE, antagonists & inhibitors/ URACIL NUCLEOTIDES/ VANADIUM

4623. **Lightman MA:** Rheology of leukocytes, leukocyte suspensions, and blood in leukemia. Possible relationship to clinical manifestations.
J Clin Invest 52:350-8, Feb 73
BLOOD VISCOSITY/ ERYTHROCYTE COUNT/ ERYTHROCYTES, physiopathology/ FILTRATION/ HUMAN/ *LEUKEMIA, LYMPHOCYTIC, physiopathology/ *LEUKEMIA, MYELOCYTIC, physiopathology/ LEUKOCYTE COUNT/ *LEUKOCYTES, physiopathology/ RHEOLOGY

4624. **Lightwood AM, Scott GL:** Autoimmune haemolytic anaemia due to red cell antibodies of different specificities in a patient with chronic hepatitis.
Vox Sang 24:331-6, Apr 73
*ANEMIA, HEMOLYTIC, AUTOIMMUNE, complications/ ANTIBODY SPECIFICITY/ AUTOANTIBODIES/ AUTOIMMUNE DISEASES/ BLOOD GROUPS/ BLOOD PRESERVATION/ CHRONIC DISEASE/ ERYTHROCYTES, immunology/ FEMALE/ HEMAGGLUTINATION TESTS/ HEPATITIS, complications/ HEPATITIS, drug therapy/ *HEPATITIS, immunology/ HUMAN/ IGM/ LIVER FUNCTION TESTS/ MIDDLE AGE/ PREDNISONE, therapeutic use

4625. **Likhachev IuP, Liarskiĭ PP, Elovskaia LT:** Vliianie pyleĭ redkozemel'nykh metallov, soderzhashchikh radioaktivnyĭ komponent, na vozniknovenie retikulosarkom legkikh.
Biull Eksp Biol Med 73:78-81, Nov 72 (Rus)
*AIR POLLUTION, RADIOACTIVE/ ANIMAL EXPERIMENTS/ DUST/ ENGLISH ABSTRACT/ *HEMANGIOENDOTHELIOMA, etiology/ *LUNG NEOPLASMS, etiology/ *METALS, adverse effects/ NEOPLASMS, EXPERIMENTAL, etiology/ *NEOPLASMS, RADIATION-INDUCED/ RATS/ *SARCOMA, RETICULUM CELL, etiology/ *THORIUM

4626. **Likhtenshteĭn GI, Avilova TV:** Kineticheskie osobennosti biologicheskogo kataliza i dinamicheskaia struktura fermentov.
Usp Sovrem Biol 75:26-45, Jan-Feb 73 (91 ref.) (Rus)
ACETYLCHOLINESTERASE/ AMYLASE/ ASPARTATE AMINOTRANSFERASE/ CARBONIC ANHYDRASE/ CARBOXYPEPTIDASES/ CATALASE/ CATALYSIS/ CHOLINESTERASE/ CHYMOTRYPSIN/ *ENZYMES/ ERYTHROCYTES, enzymology/ GALACTOSIDASE/ KINETICS/ METHEMOGLOBIN/ MICROSOMES, LIVER, enzymology/ MURAMIDASE/ MYOSIN/ PEPSIN/ PHOSPHATASES/ PROTEINS/ REVIEW/ TRYPSIN

4627. **Liljedahl SO, Frisk A, Wickman K:** Successful treatment of Candida septicaemia in severely burned patients with a new antimycotic, clotrimazole (Bay b 5097).
Injury 4:157-63, Nov 72
ADMINISTRATION, ORAL/ ADULT/ *ANTIFUNGAL AGENTS, therapeutic use/ *BURNS, complications/ CANDIDA ALBICANS, drug effects/ CHILD, PRESCHOOL/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ FEVER, etiology/ HEPARIN, therapeutic use/ HUMAN/ *IMIDAZOLES, therapeutic use/ MALE/ *MONILIASIS, drug therapy/ *SEPTICEMIA, drug therapy/ *WOUND INFECTION, drug therapy

4628. **Lill HR, Hartmann GR:** Effect of proteases on the sigma factor and on its function.
Hoppe Seylers Z Physiol Chem 353:1543-4, Oct 72
CHEMISTRY/ *CHYMOTRYPSIN/ COLIPHAGES/ DNA/ DNA, VIRAL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ESCHERICHIA COLI, enzymology/ OSMOLAR CONCENTRATION/ *RNA POLYMERASE/ SALMON/ SODIUM DODECYL SULFATE

4629. **Lim RC Jr, Olcott C 4th, Robinson AJ, et al:** Platelet response and coagulation changes following massive blood replacement.
J Trauma 13:577-82, Jul 73
*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ *BLOOD PLATELET DISORDERS, etiology/ BLOOD PLATELETS/ *BLOOD TRANSFUSION, adverse effects/ CELL AGGREGATION/ CELL COUNT/ FACTOR V, analysis/ FACTOR VII, analysis/ FACTOR X, analysis/ FIBRIN, metabolism/ FIBRINOLYSIN, analysis/ HUMAN/ PLASMINOGEN, analysis/ TIME FACTORS/ WOUNDS AND INJURIES, surgery/ *WOUNDS AND INJURIES, therapy

4630. **Lin CD, Hoshino K:** Haemorrhage caused by isografts of submandibular glands of male mice.
Arch Oral Biol 17:1241-3, Aug 72
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD COAGULATION DISORDERS, etiology/ EPISTAXIS, etiology/ FEMALE/ GALLBLADDER DISEASES, etiology/ *HEMORRHAGE, etiology/ HEMORRHAGE, GASTROINTESTINAL, etiology/ LUNG DISEASES, etiology/ MALE/ MICE/ SEX FACTORS/ *SUBMANDIBULAR GLAND, transplantation/ TRANSPLANTATION, HOMOLOGOUS

4631. **Lin HJ, Norris LC, Kratzer FH:** Extraction of calcium from blood fibrin with a solution of tetrasodium-ethylenediaminetetraacetate (Na4EDTA).
Poult Sci 52:540-2, Mar 73
ANIMAL EXPERIMENTS/ ANIMAL FEED/ CALCIUM, blood/ *CALCIUM, isolation & purification/ CHICKENS/ DIET/ *EDTA, pharmacodynamics/ *FIBRIN, analysis/ HYDROGEN-ION CONCENTRATION/ MALE/ METHODS/ SODIUM, pharmacodynamics

4632. **Lin KT, Deutsch HF:** Human carbonic anhydrases. X. Preparation of large peptide fragments of carbonic anhydrase B used for sequence studies.
J Biol Chem 248:1881-4, 25 Mar 73
AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ ARGININE, analysis/ *CARBONIC ANHYDRASE, analysis/ CARBONIC ANHYDRASE, blood/ CYANOGEN BROMIDE/ CYSTEINE, analysis/ *ERYTHROCYTES, enzymology/ FREEZE DRYING/ GEL FILTRATION/ GUANIDINES/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LYSINE, analysis/ METHIONINE, analysis/ PEPTIDES, analysis/ *PEPTIDES, isolation & purification/ PHENYLALANINE, analysis/ SOLUBILITY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPSIN/ TRYPTOPHAN, analysis/ TYROSINE, analysis

4633. **Lin KT, Deutsch HF:** Human carbonic anhydrases. XI. The complete primary structure of carbonic anhydrase B.
J Biol Chem 248:1885-93, 25 Mar 73
AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ ARGININE, analysis/ AUTOANALYSIS/ *CARBONIC ANHYDRASE, analysis/ CARBONIC ANHYDRASE, blood/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ CYSTEINE, analysis/ ELECTROPHORESIS, PAPER/ *ERYTHROCYTES, enzymology/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INDICATORS AND REAGENTS/ LYSINE, analysis/ *PEPTIDES, analysis/ PEPTIDES,

isolation & purification/ SOLUBILITY/ SULFHYDRYL COMPOUNDS, analysis/ TRYPSIN/ TRYPTOPHAN, analysis

4634. **Lin TP, Monie IW:** The development of mouse blastocysts injected with, or cultured in, trypan blue solution. J Reprod Fertil 32:149-51, Jan 73
ANIMAL EXPERIMENTS/ CULTURE MEDIA/ FEMALE/ FETAL DEATH, chemically induced/ HEMATOMA, chemically induced/ HEMORRHAGE, chemically induced/ INJECTIONS/ MICE/ *OVUM, drug effects/ OVUM, growth & development/ OVUM, transplantation/ PREGNANCY/ TRANSPLANTATION, HOMOLOGOUS/ TRYPAN BLUE, administration & dosage/ *TRYPAN BLUE, toxicity

4635. **Lin TY:** Results in 107 hepatic lobectomies with a preliminary report on the use of a clamp to reduce blood loss. Ann Surg 177:413-21, Apr 73
ABDOMINAL INJURIES, surgery/ ADOLESCENCE/ ADULT/ AGED/ BILE DUCTS/ CHILD, PRESCHOOL/ FEMALE/ FIBRINOLYSIS/ HEART ARREST, etiology/ HEMORRHAGE, GASTROINTESTINAL, prevention & control/ *HEPATECTOMY/ HEPATECTOMY, adverse effects/ HEPATECTOMY, mortality/ HUMAN/ INFANT/ LIGATION/ LIVER, injuries/ LIVER DISEASES, surgery/ LIVER NEOPLASMS, surgery/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE CARE/ SURGICAL INSTRUMENTS

4636. **Linari F, Ragni R, Stratta P, et al:** Akute Niereninsuffizienz bei Gestose.
Munch Med Wochenschr 114:1197-206, 23 Jun 72 (Ger)
ADULT/ ANTIGEN-ANTIBODY REACTIONS/ BLOOD COAGULATION DISORDERS, etiology/ DIET THERAPY/ ENGLISH ABSTRACT/ FEMALE/ HEMODIALYSIS/ HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ ION EXCHANGE/ ISCHEMIA, complications/ *KIDNEY FAILURE, ACUTE, etiology/ KIDNEY FAILURE, ACUTE, therapy/ MANNITOL, administration & dosage/ MEDICAL HISTORY TAKING/ PREGNANCY/ *PREGNANCY TOXEMIAS, complications/ PREGNANCY TOXEMIAS, immunology

4637. **Linari G:** Observations on some pharmacologic properties of a new ester of the nicotinic acid: mesoinositol-pentanicotinate.
Arzneim Forsch 22:1419-21, Aug 72
ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ *ANTICHOLESTEREMIC AGENTS, pharmacodynamics/ BLOOD PRESSURE, drug effects/ *CHOLESTEROL, blood/ DIET, ATHEROGENIC/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ESTERS, pharmacodynamics/ FEMALE/ FEMORAL ARTERY, drug effects/ FIBRINOLYSIS, drug effects/ HYPERCHOLESTEREMIA, drug therapy/ INOSITOL, administration & dosage/ *INOSITOL, pharmacodynamics/ INOSITOL, therapeutic use/ *LIPIDS, blood/ NICOTINIC ACID, administration & dosage/ *NICOTINIC ACID, pharmacodynamics/ NICOTINIC ACID, therapeutic use/ RABBITS/ RATS/ VASODILATOR AGENTS, pharmacodynamics

4638. **Lindblom JB, Johansson H, Högman CF, et al:** Freezing of lymphocytes. Presentation of a new fully automated device and comparison between three methods. Vox Sang 23:270-8, 1972
*AUTOMATION/ *BLOOD PRESERVATION, instrumentation/ CELLS, CULTURED/ CHROMIUM ISOTOPES/ COMPARATIVE STUDY/ CRYOPROTECTIVE AGENTS/ DIMETHYL SULFOXIDE/ *FREEZING/ HUMAN/ *LYMPHOCYTES/ METHODS/ NITROGEN

4639. **Linde A:** A study of the dental pulp glycosamino-glycans from permanent human teeth and rat and rabbit incisors.
Arch Oral Biol 18:49-59, Jan 73
ANIMAL EXPERIMENTS/ CHONDROITIN, analysis/ *DENTAL PULP, analysis/ DENTINOGENESIS/ ELECTROPHORESIS/ HEPARIN, analysis/ HUMAN/ HYALURONIC ACID, analysis/ INCISOR, analysis/ KERATIN, analysis/ MALE/ *MUCOPOLYSACCHARIDES, analysis/ RABBITS/ RATS/ URONIC ACIDS, analysis

4640. **Linde I, Strauss D, Littmann V, et al:** Die Warmbluttransfusion.
Zentralbl Chir 98:710-6, 11 May 73 (Ger)
ANESTHESIA/ BLOOD BANKS/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ BLOOD TRANSFUSION, instrumentation/ BODY TEMPERATURE/ EXCHANGE TRANSFUSION/ HUMAN/ HYPOTHERMIA, prevention & control/ TEMPERATURE/ TIME FACTORS

4641. **Linder M:** Uber die mögliche pathogenetische Rolle der intravasalen Gerinnung beim Mallory-Weiss-Syndrom.
Chirurg 43:503-5, Nov 72 (Ger)
ANIMAL EXPERIMENTS/ DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ INJECTIONS, INTRAVENOUS/ MALE/ MALLORY-WEISS SYNDROME, blood/ *MALLORY-WEISS SYNDROME, etiology/ RABBITS/ THROMBIN

4642. **Linder MC, Munro HN:** Metabolic and chemical features of ferritins, a series of iron-inducible tissue proteins. Am J Pathol 72:263-82, Aug 73 (47 ref.)
ANIMAL EXPERIMENTS/ ARGININE, metabolism/ CARBON ISOTOPES/ CHEMISTRY/ CHROMATOGRAPHY, THIN LAYER/ ELECTROPHORESIS, DISK/ FEMALE/ *FERRITIN/ FERRITIN, analysis/ FERRITIN, metabolism/ IRON, metabolism/ KIDNEY, analysis/ KUPFFER CELLS/ LEUCINE, metabolism/ LIVER, analysis/ LIVER, metabolism/ MALE/ MYOCARDIUM, analysis/ NEOPLASM PROTEINS, analysis/ NEOPLASMS, EXPERIMENTAL/ RATS/ REVIEW/ SEX FACTORS/ TIME FACTORS/ TRYPSIN

4643. **Lindgren SO:** Expansiva intrakraniella läsioner efter trauma mot huvudet.
Lakartidningen 70:1657-61, 18 Apr 73 (Swe)
BRAIN EDEMA, etiology/ *BRAIN INJURIES, ACUTE, etiology/ CHILD/ EMPYEMA, etiology/ ENGLISH ABSTRACT/ *HEAD INJURIES, complications/ HEAD INJURIES, diagnosis/ HEAD INJURIES, surgery/ HEMATOMA, etiology/ HEMATOMA, SUBDURAL, etiology/ HUMAN/ HYDROCEPHALUS, etiology/ NEUROLOGIC MANIFESTATIONS/ PNEUMOCEPHALUS, etiology/ SKULL FRACTURES, complications

4644. **Lindquist O, Malmberg P:** Heart lymph flow and aspartate aminotransferase activity after infusion of thrombin and tranexamic acid in the dog.
Scand J Clin Lab Invest 30:145-51, Oct 72
ANIMAL EXPERIMENTS/ *ASPARTATE AMINOTRANSFERASE, metabolism/ BLOOD PRESSURE, drug effects/ CORONARY VESSELS/ *CYCLOHEXANECARBOXYLIC ACIDS, pharmacodynamics/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DOGS/ FIBRINOLYSIS/ *HEART, drug effects/ *LYMPH, drug effects/ LYMPH, enzymology/ METHYLAMINES, pharmacodynamics/ MICROCIRCULATION/ MYOCARDIUM, enzymology/ OXYGEN, blood/ PULMONARY EDEMA, etiology/ *THROMBIN, pharmacodynamics/ TIME FACTORS

4645. **Lindquist O, Rammer L, Saideen T:** Pulmonary insufficiency, microembolism and fibrinolysis inhibition in a post-traumatic autopsy material.
Acta Chir Scand 138:545-9, 1972
ACCIDENTS, TRAFFIC/ AUTOPSY/ CAPILLARIES, pathology/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/

FEMALE/ *FIBRINOLYSIS/ HUMAN/ *LUNG, pathology/ MALE/ MICROCIRCULATION/ MIDDLE AGE/ PULMONARY ALVEOLI, pathology/ PULMONARY EDEMA, pathology/ *PULMONARY EMBOLISM, pathology/ *RESPIRATORY INSUFFICIENCY, pathology

4646. **Lindsay RM, Ferguson D, Prentice CR, et al:** Reduction of thrombus formation on dialyser membranes by aspirin and RA 233. Lancet 2:1287-90, 16 Dec 72
ASPIRIN, pharmacodynamics/ *ASPIRIN, therapeutic use/ BLOOD CELL COUNT/ BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, drug effects/ CLINICAL RESEARCH/ DRUG SYNERGISM/ ETHANOLAMINES, therapeutic use/ FACTOR V, analysis/ FEMALE/ *HEMODIALYSIS, adverse effects/ HEPARIN, pharmacodynamics/ HUMAN/ KIDNEY, ARTIFICIAL, adverse effects/ MALE/ PIPERIDINES, therapeutic use/ PLACEBOS/ PLASMINOGEN, analysis/ PLATELET ADHESIVENESS, drug effects/ *PYRIMIDINES, therapeutic use/ *THROMBOSIS, prevention & control

4647. **Lindsay RM, Prentice CR, Davidson JF, et al:** Haemostatic changes during dialysis associated with thrombus formation on dialysis membranes.
Br Med J 4:454-8, 25 Nov 72
BLOOD CELL COUNT/ *BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CHROMIUM ISOTOPES/ ERYTHROCYTES/ FACTOR V/ FEMALE/ FIBRINOLYSIS/ FLUORESCENCE/ *HEMODIALYSIS, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MEMBRANES, ARTIFICIAL/ MICROSCOPY, ELECTRON, SCANNING/ THROMBOPLASTIN

4648. **Lindsay RM, Prentice CR, Burton JA, et al:** The role of the platelet-dialysis membrane interaction in thrombus formation and blood loss during hemodialysis.
Trans Am Soc Artif Intern Organs 19:487-91, 1973
*ANEMIA, etiology/ *BLOOD PLATELETS/ *HEMODIALYSIS, adverse effects/ HUMAN/ IN VITRO/ KIDNEY, ARTIFICIAL, instrumentation/ *MEMBRANES, ARTIFICIAL, adverse effects/ PLATELET ADHESIVENESS/ THROMBOSIS, etiology

4649. **Lindsay RM, Prentice CR, Ferguson D, et al:** A method for the measurement of platelet adhesiveness by use of dialysis membranes in a test-cell.
Br J Haematol 24:377-89, Mar 73
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADULT/ ASPIRIN, pharmacodynamics/ BLOOD CELL COUNT/ EDTA, pharmacodynamics/ FEMALE/ HEMATOCRIT/ HEPARIN, pharmacodynamics/ HUMAN/ *KIDNEY, ARTIFICIAL, instrumentation/ MALE/ MEMBRANES, ARTIFICIAL/ METHODS/ *PLATELET ADHESIVENESS/ PLATELET ADHESIVENESS, drug effects

4650. **Lindsley H, Teller D, Noonan B, et al:** Hyperviscosity syndrome in multiple myeloma. A reversible, concentration-dependent aggregation of the myeloma protein. Am J Med 54:682-8, May 73
BENCE JONES PROTEIN, analysis/ BLOOD SEDIMENTATION/ *BLOOD VISCOSITY/ BLOOD VOLUME/ ELECTROPHORESIS/ HUMAN/ IGG, analysis/ IODINE ISOTOPES/ MALE/ MIDDLE AGE/ *MULTIPLE MYELOMA, blood/ *MYELOMA PROTEINS, blood/ RETINA, pathology

4651. **Ling N, Burgus R, Rivier J, et al:** The use of mass spectrometry in deducing the sequence of somatostatin--a hypothalamic polypeptide that inhibits the secretion of growth hormone.
Biochem Biophys Res Commun 50:127-33, 4 Jan 73
ACETYLATION/ *AMINO ACID SEQUENCE/ HYDROLYSIS/ *HYPOTHALAMUS, analysis/ MASS SPECTRUM ANALYSIS/ METHYLATION/ *PEPTIDES, analysis/ PEPTIDES, pharmacodynamics/ SHEEP/ *SOMATOTROPIN, antagonists & inhibitors/ TRYPSIN

4652. **Ling SC, Atabek HB, Letzing WG, et al:** Nonlinear analysis of aortic flow in living dogs.
Circ Res 33:198-212, Aug 73
ANIMAL EXPERIMENTS/ AORTA, THORACIC, anatomy & histology/ *AORTA, THORACIC, physiology/ BLOOD FLOW VELOCITY/ BLOOD PRESSURE/ BLOOD VISCOSITY/ CARDIAC OUTPUT, drug effects/ COMPUTERS, DIGITAL/ DOGS/ ELASTICITY/ ELECTROCARDIOGRAPHY/ *HEMODYNAMICS/ ISOPROTERENOL, pharmacodynamics/ MATHEMATICS/ METHODS/ MOTION PICTURES/ PRESSURE/ RHEOLOGY

4653. **Link RP, Pedersoli WM, Safanie AH:** Effect of exercise on development of atherosclerosis in swine.
Adv Exp Med Biol 22:127-42, 1972
ANIMAL EXPERIMENTS/ AORTA, pathology/ ARTERIES, pathology/ ARTERIOSCLEROSIS, blood/ *ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, pathology/ BODY WEIGHT/ CHOLESTEROL, blood/ CHOLESTEROL, DIETARY/ COTTONSEED/ DIET, ATHEROGENIC/ DISEASE MODELS, ANIMAL/ *EXERTION/ FATTY STREAK, ARTERIAL, pathology/ FEMALE/ FIBRINOGEN, analysis/ ILIAC ARTERY, pathology/ LIPIDS, blood/ MALE/ RENAL ARTERY, pathology/ SEX FACTORS/ SWINE/ TRIGLYCERIDES, blood

4654. **Linke H, Schlote A:** Probleme der Langzeittherapie und -überwachung mit Antikoagulantien (Fortsetzung.
Z Gesamte Inn Med 28:33-5 concl, 1 Feb 73 (Ger)
ADULT/ *ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION TESTS/ CAPILLARY PERMEABILITY/ COUMARINS, adverse effects/ COUMARINS, therapeutic use/ ENGLISH ABSTRACT/ HEMORRHAGIC DIATHESIS, complications/ HUMAN/ INDENES, therapeutic use/ LONG TERM CARE/ MALE/ NECROSIS/ THROMBELASTOGRAPHY/ THROMBOPHLEBITIS, prevention & control/ THROMBOSIS, prevention & control/ TIME FACTORS

4655. **Linke H, Schlote A:** Probleme der Langzeittherpie und -überwachung mit Antikoagulantien.
Z Gesamte Inn Med 28:31-2 contd, 15 Jan 73 (Ger)
ADULT/ *ANTICOAGULANTS, administration & dosage/ BLOOD COAGULATION TESTS/ COUMARINS, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ INDENES, therapeutic use/ LONG TERM CARE/ MALE/ THROMBELASTOGRAPHY/ THROMBOPHLEBITIS, prevention & control/ THROMBOSIS, prevention & control/ TIME FACTORS

4656. **Linke RP, Zucker-Franklin D, Franklin ED:** Morphologic, chemical, and immunologic studies of amyloid-like fibrils formed from Bence Jones Proteins by proteolysis. J Immunol 111:10-23, Jul 73
AMINO ACID SEQUENCE/ *AMYLOID/ ANIMAL EXPERIMENTS/ *BENCE JONES PROTEIN/ BIREFRINGENCE/ CHROMATOGRAPHY/ CONGO RED/ ELECTROCHEMISTRY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ IMMUNE SERUMS/ IMMUNOGLOBULINS/ MICROSCOPY, ELECTRON/ MICROSCOPY, POLARIZATION/ PAPAIN/ PEPSIN/ PEPTIDE HYDROLASES, urine/ PRECIPITATION/ RABBITS/ STAINS AND STAINING/ TRYPSIN

4657. **Linker H, Reuter H:** Leistungsfähigkeit und Grenzen der Plättchenfunktionstests in der Diagnostik hämorrhagischer Diathesen.
Internist (Berlin) 14:143-8, Apr 73 (Ger)
BLOOD CELL COUNT/ *BLOOD COAGULATION TESTS, standards/ BLOOD PLATELET DISORDERS, diagnosis/ BLOOD PLATELET DISORDERS, familial & genetic/ BLOOD PLATELETS, physiology/ BLOOD TRANSFUSION/ CLOT RETRACTION/ DIAGNOSIS, DIFFERENTIAL/ FACTOR VIII, analysis/ HEMORRHAGE, blood/ HEMORRHAGE, prevention & control/

*HEMORRHAGIC DIATHESIS, blood/ HUMAN/ LEUKEMIA, blood/ LEUKEMIA, therapy/ METHODS/ PLATELET ADHESIVENESS/ PURPURA, THROMBOPENIC, familial & genetic/ VON WILLEBRAND'S DISEASE, blood

4658. **Linklater KA, McTaggart HS, Imlah P:** Haemolytic disease of the newborn, thrombocytopenic purpura and neutropenia occurring concurrently in a litter of piglets. Br Vet J 129:36-46, Jan-Feb 73
AGRANULOCYTOSIS, complications/ *AGRANULOCYTOSIS, veterinary/ ANIMAL EXPERIMENTS/ ERYTHROBLASTOSIS, FETAL, complications/ *ERYTHROBLASTOSIS, FETAL, veterinary/ *NEUTROPHILS/ PURPURA, THROMBOPENIC, complications/ *PURPURA, THROMBOPENIC, veterinary/ SWINE/ *SWINE DISEASES

4659. **Linsk JA, Girsh SS, Erber LB:** Massive autoagglutination, hemolysis, and hypergammaglobulinemia triggered by adrenocortical steroids--a case report. Ohio State Med J 69:43-7, Jan 73
*AGGLUTININS, analysis/ *BLOOD COAGULATION DISORDERS, chemically induced/ *HEMOLYSIS/ HUMAN/ *HYDROCORTISONE, adverse effects/ *HYPERGAMMAGLOBULINEMIA, chemically induced/ *LYMPHATIC DISEASES, chemically induced/ MALE/ MIDDLE AGE

4660. **Linzenmeier G:** Neuere Methoden zur Vereinfachung der "Bunten Reihe". Zentralbl Bakteriol [Orig A] 220:186-93, May 72 (Ger)
*BACTERIA, classification/ BACTERIA, enzymology/ *BACTERIAL INFECTIONS, diagnosis/ BACTERIAL INFECTIONS, enzymology/ CARBOXY-LYASES, analysis/ CITRATES/ COAGULASE, analysis/ CULTURE MEDIA/ CYTOCHROME OXIDASE, analysis/ DIAGNOSIS, LABORATORY/ DYES/ ENZYME TESTS/ GELATIN/ *INDICATORS AND REAGENTS/ INDOLES/ LYSINE/ MANNITOL/ NICOTINIC ACID/ NITRITES/ PEPTIDE HYDROLASES, analysis/ PHENYLALANINE HYDROXYLASE, analysis/ UREASE, analysis

4661. **Lion-Cachet J:** Afsluiting van die Arteria mesenterica superior. S Afr Med J 46:1277-8, 9 Sep 72 (Afr)
ANGIOGRAPHY/ AURICULAR FIBRILLATION, etiology/ ELECTROCARDIOGRAPHY/ *EMBOLISM/ EMBOLISM, complications/ EMBOLISM, diagnosis/ EMBOLISM, drug therapy/ EMBOLISM, radiography/ EMBOLISM, surgery/ HEPARIN, therapeutic use/ HUMAN/ MALE/ *MESENTERIC ARTERIES/ MESENTERIC ARTERIES, surgery/ MIDDLE AGE/ WARFARIN, therapeutic use

4662. **Lipiński B, Lewicki Z, Zajdel M, et al:** Saline extractable acid mucopolysaccharides of human aorta in relation to age, sex and atherosclerosis. Mater Med Pol 4:19-22, Jan-Mar 72
ADULT/ AGE FACTORS/ *AORTA, THORACIC, analysis/ *ARTERIOSCLEROSIS/ FIBRIN, metabolism/ HISTOCYTOCHEMISTRY/ HUMAN/ MIDDLE AGE/ *MUCOPOLYSACCHARIDES, analysis/ PROTEINS, analysis/ SEX FACTORS/ URONIC ACIDS, analysis

4663. **Lipkind GM, Popov EM:** Conformational states of amino acid residues in proteins. Side chains. Mol Biol 5:532-42, Sep-Oct 71
AMIDES/ ARGININE/ ASPARAGINE/ ASPARTIC ACID/ *CHYMOTRYPSIN/ CYSTEINE/ GLUTAMATES/ GLUTAMINE/ HISTIDINE/ ISOLEUCINE/ LEUCINE/ LYSINE/ METHIONINE/ MODELS, STRUCTURAL/ *MYOGLOBIN/ PHENYLALANINE/ *PROTEIN CONFORMATION/ SERINE/ THREONINE/ TRYPTOPHAN/ TYROSINE/ VALINE

4664. **Lippmann HI:** Peripheral vascular disease today. Bull NY Acad Med 49:674-88, Aug 73
ANGIOGRAPHY/ ARTERIAL OCCLUSIVE DISEASES, diagnosis/ ARTERIAL OCCLUSIVE DISEASES, therapy/ ARTERIES, surgery/ ARTERIOSCLEROSIS OBLITERANS, therapy/ FEMALE/ FIBRINOGEN, diagnostic use/ FIBRINOLYTIC AGENTS, therapeutic use/ FOOT DISEASES, prevention & control/ HEPARIN, therapeutic use/ HUMAN/ INTERMITTENT CLAUDICATION, therapy/ LYMPHEDEMA, therapy/ MALE/ METHODS/ PLETHYSMOGRAPHY, IMPEDANCE/ THROMBOSIS, drug therapy/ ULTRASONICS, diagnostic use/ *VASCULAR DISEASES/ VASCULAR DISEASES, radiography/ VENOUS INSUFFICIENCY, therapy

4665. **Lisiewicz J, Malkiewicz-Wasowicz B, Biernacka B:** Thromboplastic activity of chronic myelogenous leukaemia granulocytes. Folia Haematol (Leipz) 99:57-64, 1973
CELL-FREE SYSTEM/ HEAT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *LEUKEMIA, MYELOCYTIC, blood/ *LEUKOCYTES, analysis/ *THROMBOPLASTIN, analysis

4666. **Lisiewicz J, Malkiewicz-Wąsowicz B, Biernacka B:** Thromboplastyczna aktywność granulocytów białaczki granulocytowej przewlekłej. Przegl Lek 30:367-71, 1973 (Pol)
*BLOOD COAGULATION/ ENGLISH ABSTRACT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *LEUKEMIA, MYELOCYTIC, blood/ *LEUKOCYTES

4667. **Lisiewicz J, Pituch A, Litwin JA:** Miejscowa reakcja Sanarelli-Shwartzman u szczurów wywołana komórkami białaczek ludzkich. Med Dosw Mikrobiol 25:111-7, 1973 (Pol)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ HUMAN/ *LEUKEMIA, immunology/ *LEUKOCYTES, immunology/ RATS/ RATS, INBRED STRAINS/ *SHWARTZMAN PHENOMENON, immunology

4668. **Lisiewicz J, Wałewska-Czyżewska M, Zebro T:** Białaczka eozynocytowa. Przegl Lek 30:327-30, 1973 (Pol)
ADULT/ AUTOPSY/ BONE MARROW, pathology/ BONE MARROW EXAMINATION/ *EOSINOPHILS/ HEMORRHAGIC DIATHESIS, diagnosis/ HUMAN/ *LEUKEMIA, blood/ LEUKEMIA, diagnosis/ LEUKEMIA, pathology/ MALE/ MYELOGRAPHY/ THROMBOSIS, diagnosis

4669. **Lision J:** Hemorragie de la prostatectomie. Statistiques portant sur 450 prostatectomies consécutives. J Urol Nephrol (Paris) 78:505-6, Jun 72 (Fre)
AGED/ ANESTHESIA/ BLOOD TRANSFUSION/ *HEMORRHAGE, etiology/ HEMOSTASIS/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ *PROSTATECTOMY/ *PROSTATIC HYPERTROPHY, surgery

4670. **Lisukova TE, Cherniaeva TS:** Funktsional'noe sostoianie svertyvaiushchei sistemy krovi u bol'nykh meningokoktsemieĭ s shokom. Klin Med (Mosk) 51:120-5, Apr 73 (Rus)
ADOLESCENCE/ ADULT/ AGED/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ MALE/ *MENINGITIS, MENINGOCOCCIC, blood/ MENINGITIS, MENINGOCOCCIC, complications/ MENINGITIS, MENINGOCOCCIC, drug therapy/ *MENINGOCOCCAL INFECTIONS, blood/ MENINGOCOCCAL INFECTIONS, complications/ MENINGOCOCCAL INFECTIONS, drug therapy/ MIDDLE AGE/ *SHOCK, complications/ SHWARTZMAN PHENOMENON, complications/ WATERHOUSE-FRIDERICHSEN SYNDROME, blood

4671. **Litman GW, Litman RS, Good RA, et al:** Molecular dissection of immunoglobulin G. Conformational interrelationships of the subunits of human immunoglobulin G. Biochemistry 12:2004-11, 8 May 73
ALKYLATION/ CIRCULAR DICHROISM/

DEUTERIUM/ DITHIOTHREITOL/ GEL FILTRATION/ GUANIDINES/ HUMAN/ *IGG/ IMMUNOELECTROPHORESIS/ IMMUNOGLOBULIN FRAGMENTS, isolation & purification/ IMMUNOGLOBULINS, FAB/ IMMUNOGLOBULINS, FC/ MACROMOLECULAR SYSTEMS/ MYELOMA PROTEINS/ OXIDATION-REDUCTION/ PAPAIN/ PEPSIN/ *PROTEIN CONFORMATION/ PROTEIN DENATURATION/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPSIN/ ULTRACENTRIFUGATION/ ULTRAVIOLET RAYS

4672. **Litmanovitch YI:** [Congenital angiodysplasia of the extremities]
Harefuah 84:381-5, 1 Apr 73 (Heb)
*ANGIOMATOSIS, congenital/ ANGIOMATOSIS, embryology/ ENGLISH ABSTRACT/ *EXTREMITIES, blood supply/ HUMAN

4673. **Little DC, Dolovich J:** Respiratory disease in industry due to B. subtilis enzyme preparations.
Can Med Assoc J 108:1120-5, 5 May 73
ABSENTEEISM/ ANTIBODIES/ *BACILLUS SUBTILIS, enzymology/ DETERGENTS/ ENVIRONMENTAL EXPOSURE/ EOSINOPHILIA, diagnosis/ FEMALE/ HUMAN/ IGG, analysis/ MALE/ *OCCUPATIONAL DISEASES, chemically induced/ *PEPTIDE HYDROLASES, adverse effects/ RESPIRATORY FUNCTION TESTS/ RESPIRATORY HYPERSENSITIVITY, diagnosis/ *RESPIRATORY TRACT DISEASES, chemically induced/ RESPIRATORY TRACT DISEASES, diagnosis/ RESPIRATORY TRACT DISEASES, radiography/ SKIN TESTS/ SPIROMETRY/ SUBTILISINS, adverse effects/ VITAL CAPACITY

4674. **Little JW, King DR:** The significance of physical diagnosis, patient history, data, and medical screening in the dental office. Ann Dent 31:42-55, Fall 72
BLOOD COAGULATION TESTS/ BLOOD PRESSURE DETERMINATION/ DENTAL OFFICES/ DRUG RESISTANCE, MICROBIAL/ *GENERAL PRACTICE, DENTAL/ GLUCOSE TOLERANCE TEST/ HUMAN/ *MEDICAL HISTORY TAKING/ PERIODONTAL DISEASES, therapy/ *PHYSICAL EXAMINATION/ TOOTH EXTRACTION

4675. **Littler WA, Redman CW, Bonnar J, et al:** Reduced pulmonary arterial compliance in hypertensive pregnancy. Lancet 1:1274-8, 9 Jun 73
ADULT/ BLOOD PRESSURE/ CAPILLARIES, physiopathology/ CARDIAC OUTPUT/ DIPYRIDAMOLE, therapeutic use/ ELASTICITY/ ELECTROCARDIOGRAPHY/ FEMALE/ HEART RATE/ HEPARIN, therapeutic use/ HUMAN/ *HYPERTENSION, physiopathology/ HYPERTENSION, PULMONARY, physiopathology/ KIDNEY DISEASES, physiopathology/ NITROUS OXIDE, diagnostic use/ PLETHYSMOGRAPHY, WHOLE BODY/ PREGNANCY/ PREGNANCY COMPLICATIONS, drug therapy/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, physiopathology/ *PULMONARY ARTERY, physiopathology/ PULMONARY CIRCULATION/ PULMONARY EDEMA, physiopathology

4676. **Litwak RS, Lajam FA, Koffsky RM, et al:** Obturated permanent left atrial and aortic cannulae for assisted circulation after cardiac surgery.
Trans Am Soc Artif Intern Organs 19:243-50, 1973
ANIMAL EXPERIMENTS/ *AORTA, surgery/ *ASSISTED CIRCULATION/ ASSISTED CIRCULATION, instrumentation/ CEREBRAL EMBOLISM AND THROMBOSIS, etiology/ DOGS/ *HEART ATRIUM, surgery/ *HEART SURGERY/ HEMATOMA, etiology/ *INTUBATION/ INTUBATION, adverse effects/ INTUBATION, instrumentation/ SILICONE ELASTOMERS/ SUTURES/ THORAX, surgery/ THROMBOSIS, etiology

4677. **Litwin MS, Relihan M:** Effect of surgical operation on human blood viscosity. Surgery 73:323-8, Mar 73
BLOOD PROTEINS, analysis/ *BLOOD VISCOSITY/ FIBRINOGEN, analysis/ HEMATOCRIT/ HUMAN/ *SURGERY, OPERATIVE

4678. **Liu CL, Otsuki K, Hatano H:** Inactivation of Rhodotorula glutinis acid protease by diazoacetyl compounds. J Biochem (Tokyo) 73:671-3, Mar 73
COPPER/ *DIAZONIUM COMPOUNDS/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *MONILIALES, enzymology/ NORLEUCINE, analysis/ *PEPTIDE HYDROLASES, antagonists & inhibitors

4679. **Liu CS, Huber GS, Lin CS, et al:** Fractionation of toxins from Hydrophis cyanocinctus venom and determination of amino acid composition and end groups of hydrophitoxin a. Toxicon 11:73-9, Jan 73
*AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FREEZE DRYING/ HYDROLYSIS/ METHYLCELLULOSE/ PEPTIDE CHAIN TERMINATION/ PEPTIDES, analysis/ *SNAKES/ *TOXINS, analysis/ TRYPSIN/ *VENOMS, analysis

4680. **Liu S, Brown RK:** Studies of the carboxy terminal antigenic region of oxidized ribonuclease.
Immunochemistry 9:1103-14, Nov 72
AMINO ACIDS, analysis/ ANHYDRIDES/ *ANTIGENIC DETERMINANTS/ BINDING SITES, ANTIBODY/ *CARBOXYLIC ACIDS/ CARBOXYPEPTIDASES/ CATTLE/ CHYMOTRYPSIN/ GEL FILTRATION/ GOATS, immunology/ OXIDATION-REDUCTION/ PANCREAS, enzymology/ PAPAIN/ PEPTIDES/ PRECIPITIN TESTS/ *RIBONUCLEASE/ TRITIUM/ TRYPSIN

4681. **Liubimova AI:** Khirurgicheskie metody lecheniia nedonashivaniia do nastupleniia beremennosti.
Akush Ginekol (Mosk) 49:52-4, Feb 73 (Rus)
ADHESIONS, surgery/ *CERVIX INCOMPETENCE, surgery/ ELECTROCOAGULATION/ FEMALE/ HUMAN/ *LABOR, PREMATURE, prevention & control/ METHODS/ POSTOPERATIVE COMPLICATIONS/ PREGNANCY/ UTERUS, abnormalities/ UTERUS, radiography

4682. **Liusov VA, Belousov IuB, Martynov AI, et al:** Lechenie angininom (piridinolkarbamatom) koronarnogo ateroskleroza i obliteriruiushchego ateroskleroza arteriĭ nizhnikh konechnosteĭ.
Kardiologiia 12:39-45, Nov 72 (Rus)
ADULT/ AGED/ ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, drug therapy/ ARTERIOSCLEROSIS OBLITERANS, blood/ ARTERIOSCLEROSIS OBLITERANS, complications/ ARTERIOSCLEROSIS OBLITERANS, diagnosis/ *ARTERIOSCLEROSIS OBLITERANS, drug therapy/ *CARBAMATES, therapeutic use/ CEREBROVASCULAR CIRCULATION/ CORONARY DISEASE, blood/ *CORONARY DISEASE, drug therapy/ CYANOSIS, etiology/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ HYPOTHERMIA, etiology/ LEG ULCER, etiology/ MIDDLE AGE/ PARESTHESIA, etiology/ PLETHYSMOGRAPHY, IMPEDANCE/ *PYRIDINES, therapeutic use/ THROMBELASTOGRAPHY

4683. **Liusov VA, Belousov IuB, Torchinskaia LE, et al:** Fibrinoliticheskaia sistema krovi u bol'nykh ishemicheskoĭ bolez'niu serdtsa.
Kardiologiia 13:12-6, 1973 (Rus)
ANGINA PECTORIS, blood/ BLOOD COAGULATION TESTS/ *CORONARY DISEASE, blood/ CORONARY DISEASE, enzymology/ ENGLISH ABSTRACT/ FACTOR VII, analysis/ FIBRINOLYSIN, analysis/ *FIBRINOLYSIS/ HUMAN/ MYOCARDIAL INFARCT, blood/ PROTHROMBIN, analysis/ STREPTOKINASE, metabolism/ THROMBELASTOGRAPHY

4684. **Live I:** Relationship of antigen k to Staphylococcus aureus bacteriophage type 187, of human and of canine origins. Infect Immun 7:473-5, Mar 73
AGGLUTINATION TESTS/ ANIMAL EXPERIMENTS/ *ANTIGENS, BACTERIAL/ COAGULASE/ DOGS/ FIBRINOLYSIN/ HUMAN/ IMMUNE SERUMS/ SPECIES SPECIFICITY/ *STAPHYLOCOCCAL PHAGES/ *STAPHYLOCOCCUS, immunology

4685. **Lloyd DA, Immelman EJ, Wright MG:** Anticoagulant-induced intramural haematoma of the bowel. S Afr Med J 47:734-8, 5 May 73
ACUTE DISEASE/ ADULT/ AGED/ EMERGENCIES/ *HEMATOMA, chemically induced/ HEMATOMA, radiography/ HEMATOMA, therapy/ *HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HEMORRHAGE, GASTROINTESTINAL, radiography/ HEMORRHAGE, GASTROINTESTINAL, therapy/ HUMAN/ HYPOPROTHROMBINEMIAS, chemically induced/ INTESTINAL OBSTRUCTION, chemically induced/ INTESTINAL OBSTRUCTION, radiography/ INTESTINAL OBSTRUCTION, therapy/ MALE/ MIDDLE AGE/ *PHENINDIONE, adverse effects/ *WARFARIN, adverse effects

4686. **Lloyd JV, Nishizawa EE, Haidar J, et al:** Changes in 32 p-labelling of platelet phospholipids in response to ADP. Br J Haematol 23:571-85, Nov 72
*ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CHROMATOGRAPHY, THIN LAYER/ IN VITRO/ PHOSPHATES, metabolism/ PHOSPHOINOSITIDES, metabolism/ *PHOSPHOLIPIDS, metabolism/ PHOSPHORUS ISOTOPES/ PLATELET ADHESIVENESS/ RABBITS

4687. **Lloyd JV, Nishizawa EE, Joist JH, et al:** Effect of ADP-induced aggregation on 32 PO 4 incorporation into phosphatidic acid and the phosphoinositides of rabbit platelets. Br J Haematol 24:589-604, May 73
*ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, metabolism/ CHROMATOGRAPHY, THIN LAYER/ IN VITRO/ PHOSPHATES, metabolism/ *PHOSPHOINOSITIDES, biosynthesis/ PHOSPHOINOSITIDES, blood/ *PHOSPHOLIPIDS, biosynthesis/ PHOSPHOLIPIDS, blood/ PHOSPHORUS ISOTOPES/ *PLATELET ADHESIVENESS, drug effects/ RABBITS/ STIMULATION, CHEMICAL/ TIME FACTORS

4688. **Lloyd RV, McShan WH:** Study of rat anterior pituitary cells separated by velocity sedimentation at unit gravity. Endocrinology 92:1639-51, Jun 73
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CELL SEPARATION/ FSH, analysis/ GLUCOSAMINE, metabolism/ LH, analysis/ MALE/ METHODS/ MICROSCOPY/ MICROSCOPY, ELECTRON/ PITUITARY GLAND, analysis/ *PITUITARY GLAND, cytology/ PITUITARY GLAND, metabolism/ PRONASE/ RADIOIMMUNOASSAY/ RATS/ TRITIUM/ TRYPSIN

4689. **Lloyd-Roberts GC:** Treatment of defects of the ulna in children by establishing cross-union with the radius. J Bone Joint Surg [Br] 55:327-30, May 73
*BONE DISEASES, DEVELOPMENTAL, surgery/ BONE NAILS/ BONE NEOPLASMS, complications/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HEMANGIOMA, complications/ HUMAN/ METHODS/ NEUROFIBROMATOSIS, complications/ *RADIUS, abnormalities/ RADIUS, surgery/ *ULNA, abnormalities/ ULNA, surgery

4690. **Lloyd-Still JD, Shwachman H, Filler RM:** Protracted diarrhea of infancy treated by intravenous alimentation. I. Clinical studies of 16 infants. Am J Dis Child 125:358-64, Mar 73
BIRTH WEIGHT/ BLOOD PLATELETS/ BODY WEIGHT/ DIARRHEA, INFANTILE, blood/ DIARRHEA, INFANTILE, microbiology/ DIARRHEA, INFANTILE, radiography/ *DIARRHEA, INFANTILE, therapy/ ESCHERICHIA COLI, isolation & purification/ HEMATOCRIT/ HUMAN/ INFANT/ INFANT, NEWBORN/ INJECTIONS, INTRAVENOUS/ LEUKOCYTE COUNT/ *PARENTERAL FEEDING/ PARENTERAL FEEDING, adverse effects/ SALMONELLA ENTERITIDIS, isolation & purification/ SEPTICEMIA, etiology/ SIGMOIDOSCOPY/ STAPHYLOCOCCUS, isolation & purification/ THROMBOPHLEBITIS, etiology

4691. **Lobkova TN:** Otsenka izmenenii svertyvaiushchei sistemy krovi v dinamike lecheniia antikoaguliantami bol'nykh s ishemicheskim insul'tom.
Zh Nevropatol Psikhiatr 73:645-51, 1973 (Rus)
ADMINISTRATION, ORAL/ ADULT/ AGED/ *ANTICOAGULANTS, adverse effects/ *BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION TESTS/ CALCIUM, blood/ CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ *CEREBROVASCULAR DISORDERS, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIN, therapeutic use/ FIBRINOLYSIS/ HEPARIN, diagnostic use/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ PROTHROMBIN TIME/ THROMBELASTOGRAPHY

4692. **Lochard J, Borrelly J, Martin F:** Hémostase par abord direct de caverne tuberculeuse pour hémoptysie grave.
Ann Chir Thorac Cardiovasc 11:307-8, Sep 72 (Fre)
ADOLESCENCE/ ENGLISH ABSTRACT/ HEMOPTYSIS, etiology/ *HEMOPTYSIS, surgery/ *HEMOSTASIS/ HUMAN/ MALE/ METHODS/ *TUBERCULOSIS, PULMONARY, complications

4693. **Lo Cicero G, Brina A:** La terapia anticoagulante in gravide portatrici di protesi valvolari cardiache: disamina critica.
Ann Ostet Ginecol 93:339-45, May 72 (Ita)
ADULT/ ANTICOAGULANTS, adverse effects/ *ANTICOAGULANTS, therapeutic use/ *EMBOLISM, prevention & control/ ENGLISH ABSTRACT/ FEMALE/ FETUS, drug effects/ *HEART VALVE DISEASES/ *HEART VALVE PROSTHESIS/ HEMORRHAGE, prevention & control/ HUMAN/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ THROMBOEMBOLISM, prevention & control

4694. **Locke HR, Hathaway WE, Feiller F, et al:** Preoperative correction of a platelet functional disorder. Ann Intern Med 78:972-3, Jun 73
ADULT/ *BLOOD PLATELET DISORDERS, therapy/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ HUMAN/ LAMINECTOMY/ MALE/ PLATELET ADHESIVENESS

4695. **Lodish HF:** Biosynthesis of reticulocyte membrane proteins by membrane-free polyribosomes. Proc Natl Acad Sci USA 70:1528-30, May 73
ACETIC ACIDS/ ANEMIA, chemically induced/ ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ *BLOOD PROTEINS, biosynthesis/ CELL-FREE SYSTEM/ CELL MEMBRANE, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HEME, metabolism/ HYDROGEN-ION CONCENTRATION/ IONTOPHORESIS/ METHIONINE, metabolism/ METHODS/ MOLECULAR WEIGHT/ PEPTIDES, blood/ PEPTIDES, isolation & purification/ *POLYRIBOSOMES, metabolism/ RABBITS/ *RETICULOCYTES, metabolism/ SODIUM DODECYL SULFATE/ SULFUR ISOTOPES/ TRYPSIN, pharmacodynamics

4696. **Loeffler LJ, Pierce JV:** Acyl azide derivatives in affinity chromatography. Immobilization of enzymatically active trypsin on beaded agarose and porous glass. Biochim Biophys Acta 317:20-7, 12 Jul 73
AMINO ACIDS/ *AZIDES/ CHEMISTRY/ *CHROMATOGRAPHY/ CHROMATOGRAPHY, AFFINITY/ ESTERS/ GLASS/

HYDROGEN-ION CONCENTRATION/ METHODS/ MICROSPHERES/ PEPTIDE HYDROLASES, antagonists & inhibitors/ POLYSACCHARIDES/ PROTEIN BINDING/ SOY BEANS/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TRYPSIN/ *TRYPSIN INHIBITORS, isolation & purification

4697. **Loeliger EA:** Standaardisering van de laboratoriumcontrole bij orale anticoagulatie.
Ned Tijdschr Geneeskd 116:1571-3, 26 Aug 72 (Dut)
*ANTICOAGULANTS, therapeutic use/ HUMAN/ *PROTHROMBIN TIME/ THROMBOEMBOLISM, prevention & control

4698. **Loeliger EA:** Progress in the control of oral anticoagulation.
Thromb Diath Haemorrh 28:109-19, 31 Aug 72
ADMINISTRATION, ORAL/ ANTICOAGULANTS, administration & dosage/ *ANTICOAGULANTS, standards/ ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION TESTS, standards/ COUMARINS, administration & dosage/ *COUMARINS, standards/ HUMAN/ PLASMA/ PROTHROMBIN TIME, standards/ QUALITY CONTROL/ THROMBOPLASTIN, diagnostic use/ THROMBOSIS, drug therapy

4699. **Loeliger EA, Halem-Visser LP van, Hemker HC:** Plasma free of factors II, VII, IX, and X. Need for high speed centrifugation after Al(OH) 3 absorption.
Thromb Diath Haemorrh 29:211-2, 28 Feb 73
ABSORPTION/ ALUMINUM HYDROXIDE GEL/ CENTRIFUGATION/ *FACTOR VII, isolation & purification/ *FACTOR IX, isolation & purification/ *FACTOR X, isolation & purification/ HUMAN/ METHODS/ *PROTHROMBIN, isolation & purification

4700. **Loeliger EA, Roos J:** De leeftijdsgrens voor preventieve antistollingsbehandeling na myocardinfarct.
Ned Tijdschr Geneeskd 117:391-2, 10 Mar 73 (Dut)
AGE FACTORS/ *ANTICOAGULANTS, therapeutic use/ HUMAN/ *MYOCARDIAL INFARCT, prevention & control

4701. **Loew D, Remmele W:** Untersuchungen über Zahl und Funktion der Thrombozyten beim experimentellen Endotoxinshock des Kaninchens.
Beitr Pathol 147:249-65, 1972 (Ger)
ADRENAL GLANDS, pathology/ ANIMAL EXPERIMENTS/ ASPIRIN, pharmacodynamics/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ BLOOD PRESSURE/ CAPILLARY RESISTANCE/ ENGLISH ABSTRACT/ FEMALE/ KIDNEY, pathology/ LIVER, pathology/ LUNG, pathology/ MYOCARDIUM, pathology/ PLATELET ADHESIVENESS/ RABBITS/ *SHOCK, ENDOTOXIC, blood/ SHOCK, ENDOTOXIC, pathology/ SPLEEN, pathology/ THROMBOSIS, pathology

4702. **Loewy AG:** Some thoughts on the state in nature, biosynthetic origin, and function of factor XIII.
Ann NY Acad Sci 202:41-58, 8 Dec 72
AMMONIUM SULFATE/ BLOOD COAGULATION/ BLOOD PLATELETS, enzymology/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DRUG STABILITY/ *FACTOR XIII/ FACTOR XIII, biosynthesis/ FACTOR XIII, isolation & purification/ FACTOR XIII, physiology/ FACTOR XIII DEFICIENCY, enzymology/ FACTOR XIII DEFICIENCY, familial & genetic/ FEMALE/ FIBRIN/ FIBRINOGEN/ GEL DIFFUSION TESTS/ GLUTAMINE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MALE/ MICROSCOPY, ELECTRON/ MULTIENZYME COMPLEXES/ PEPTIDES/ PROTEIN CONFORMATION/ TRANSFERASES, blood

4703. **Löffler HG, Schneider F:** Kinetische und proteinchemische Untersuchungen am Succinyl-Papain.
Z Naturforsch [B] 27:1490-7, Dec 72 (Ger)
ACYLATION/ BINDING SITES, drug effects/ CASEIN/ ENGLISH ABSTRACT/ HYDROGEN-ION CONCENTRATION/ ISOLEUCINE/ KINETICS/ METHANE/ NITRO COMPOUNDS/ OXIDATION-REDUCTION/ *PAPAIN, analysis/ PAPAIN, metabolism/ PROTAMINES/ PROTEIN CONFORMATION, drug effects/ STRUCTURE-ACTIVITY RELATIONSHIP/ *SUCCINATES, analysis/ SUCCINIMIDES/ TRYPTOPHAN/ TYROSINE

4704. **Logan LJ, Rapaport SI, Kuefler P:** Failure of heparin, epsilon aminocaproic acid, or both agents to prevent increased fibrinogen levels after endotoxin in rabbits.
Proc Soc Exp Biol Med 142:321-3, Jan 73
AMINOCAPROIC ACID, administration & dosage/ *AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ *ENDOTOXINS, pharmacodynamics/ ESCHERICHIA COLI/ FEMALE/ *FIBRINOGEN, biosynthesis/ FIBRINOLYSIS, drug effects/ HEPARIN, administration & dosage/ *HEPARIN, pharmacodynamics/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ RABBITS

4705. **Logue RB, Robinson PH:** Medical management of angina pectoris. Circulation 46:1132-45, Dec 72
ADRENERGIC BETA RECEPTOR BLOCKADERS, therapeutic use/ ANGINA PECTORIS, drug therapy/ ANGINA PECTORIS, etiology/ *ANGINA PECTORIS, therapy/ ANTICOAGULANTS, therapeutic use/ ANTIDEPRESSIVE AGENTS, therapeutic use/ BLOOD PRESSURE/ DIET THERAPY/ DIGITALIS GLYCOSIDES, therapeutic use/ DIURETICS, therapeutic use/ EXERCISE THERAPY/ GLYCERYL TRINITRATE, therapeutic use/ HUMAN/ HYPNOTICS AND SEDATIVES, therapeutic use/ IODINE ISOTOPES, therapeutic use/ NITRITES, therapeutic use/ OBESITY, complications/ PULSE/ SMOKING, prevention & control/ STRESS, PSYCHOLOGICAL/ TRANQUILIZING AGENTS, therapeutic use

4706. **Lohmann R:** Der chronisch körperlich Kranke (Somatopsychischer Zugang.
Internist (Berlin) 13:452-60, Nov 72 (Ger)
ADULT/ AGED/ ATTITUDE TO HEALTH/ CHRONIC DISEASE/ DEATH/ HEMODIALYSIS/ HEMOPHILIA, complications/ HUMAN/ KIDNEY DISEASES, complications/ MALE/ MIDDLE AGE/ MMPI/ PARENT-CHILD RELATIONS/ PSYCHOLOGICAL TESTS/ PSYCHOLOGY, CLINICAL/ PSYCHOPATHOLOGY/ *PSYCHOPHYSIOLOGIC DISORDERS, etiology/ TUBERCULOSIS, complications

4707. **Lohmann W:** The mechanism of action of the radiosensitizing substance synkavit: ESR studies.
Strahlentherapie 144:319-23, Sep 72
*ELECTRON SPIN RESONANCE/ ORGANOPHOSPHORUS COMPOUNDS/ OXIDATION-REDUCTION/ *RADIATION-SENSITIZING AGENTS/ SULFHYDRYL REAGENTS/ *VITAMIN K

4708. **Lohmann-Matthes ML, Schipper H, Fischer H:** Macrophage-mediated cytotoxicity against allogeneic target cells in vitro. Eur J Immunol 2:45-9, Feb 72
ANIMAL EXPERIMENTS/ ANTIGENS/ CELLS, CULTURED/ CHROMIUM ISOTOPES/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FEMALE/ LEUKOCYTE CULTURE TEST, MIXED/ LYMPHOCYTES, immunology/ *MACROPHAGES, immunology/ MICE/ MICE, INBRED C57BL/ *SARCOMA, MAST CELL, immunology/ TRYPSIN, pharmacodynamics

4709. **Löhr H, Odum K:** Blutaustauschtransfusionen bei Neurgeborenen mit Heparin-Blut.
Fortschr Med 90:449-51, 20 Apr 72 (Ger)
BLOOD PRESERVATION/ ERYTHROBLASTOSIS, FETAL, therapy/ *EXCHANGE TRANSFUSION/ EXCHANGE TRANSFUSION, adverse effects/ *HEPARIN/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, therapy/ INFANT, PREMATURE, DISEASES, therapy/ JAUNDICE, NEONATAL, therapy

4710. **Lohrmann HP, Brech W, Widmer K, et al:** Hämolytisch-urämisches Syndrom beim Erwachsenen.
Dtsch Med Wochenschr 98:54-61, 12 Jan 73 (Ger)
ANEMIA, HEMOLYTIC, ACQUIRED, blood/ ANEMIA, HEMOLYTIC, ACQUIRED, drug therapy/ *ANEMIA, HEMOLYTIC, ACQUIRED, therapy/ ANURIA, therapy/ BLOOD COAGULATION FACTORS/ ENGLISH ABSTRACT/ HEMODIALYSIS/ HEMOLYTIC-UREMIC SYNDROME, blood/ HEMOLYTIC-UREMIC SYNDROME, therapy/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ TIME FACTORS/ UREMIA, blood/ UREMIA, drug therapy/ *UREMIA, therapy

4711. **Lojda Z, Malíš F:** Histochemical demonstration of enterokinase. Histochemie 32:23-9, 1972
DOGS/ DUODENUM, enzymology/ FEMALE/ GUINEA PIGS/ HISTOCYTOCHEMISTRY/ HUMAN/ ILEUM, enzymology/ INTESTINAL MUCOSA, cytology/ INTESTINAL MUCOSA, enzymology/ JEJUNUM, enzymology/ MALE/ METHODS/ MONKEYS/ *PEPTIDE PEPTIDOHYDROLASES, analysis/ RATS

4712. **Lokich JJ, Skarin AT:** Combination therapy with 5-fluorouracil (5-FU; NSC-19893) and 1,3-bis(2-chloroethyl)-1-nitrosourea (BCNU; NSC-409962) for disseminated gastrointestinal carcinoma. Cancer Chemother Rep 56:653-7, Oct 72
ADULT/ AGED/ ANEMIA, APLASTIC, chemically induced/ APPETITE DISORDERS, complications/ BLOOD CELL COUNT/ *CARCINOMA, drug therapy/ CLINICAL RESEARCH/ COLONIC NEOPLASMS, drug therapy/ DIABETES MELLITUS, complications/ FEMALE/ FLUOROURACIL, adverse effects/ *FLUOROURACIL, therapeutic use/ GASTROINTESTINAL NEOPLASMS, complications/ *GASTROINTESTINAL NEOPLASMS, drug therapy/ HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HUMAN/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ NITROSOUREA COMPOUNDS, adverse effects/ *NITROSOUREA COMPOUNDS, therapeutic use/ PANCREATIC NEOPLASMS, drug therapy/ STOMACH NEOPLASMS, drug therapy/ THROMBOPENIA, chemically induced

4713. **Lomanto C, Howland WS:** A re-evaluation of massive blood replacement. Clin Anesth 9:33-42, 1972
ACID-BASE EQUILIBRIUM/ ALKALOSIS, blood/ ANESTHESIA, GENERAL/ BICARBONATES, blood/ BLOOD COAGULATION/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ BLOOD TRANSFUSION, mortality/ CALCIUM, blood/ HUMAN/ *NEOPLASMS, surgery/ POSTOPERATIVE COMPLICATIONS, metabolism/ SODIUM, blood/ WATER-ELECTROLYTE BALANCE

4714. **Lombardo G, Buda D:** Forme cliniche e terapia delle sindromi piastrinopeniche dell'età pediatrica.
Minerva Pediatr 24:1331-403, 15 Sep 72 (Ita)
ANEMIA, HEMOLYTIC, diagnosis/ CEREBROVASCULAR DISORDERS, diagnosis/ CHILD/ CHILD, PRESCHOOL/ CORTISONE, therapeutic use/ HUMAN/ INFANT/ ISCHEMIA/ KIDNEY CORTEX NECROSIS, diagnosis/ KIDNEY FAILURE, ACUTE, diagnosis/ PURPURA, THROMBOPENIC, diagnosis/ PURPURA, THROMBOPENIC, drug therapy/ PURPURA, THROMBOTIC THROMBOPENIC, diagnosis/ STREPTOKINASE, therapeutic use/ *THROMBOPENIA/ THROMBOPENIA, classification/ THROMBOPENIA, drug therapy/ THROMBOSIS, diagnosis

4715. **Lončar S, Grgić Z, Cepelja Z:** Trombocitopenična purpura u trudnoći.
Lijec Vjesn 99:413-6, Aug 72 (Cro)
ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT, NEWBORN/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, surgery/ *PURPURA, THROMBOPENIC, etiology/ PURPURA, THROMBOPENIC, surgery/ SPLENECTOMY

4716. **London Y, Demel RA, Geurts van Kessel WS, et al:** The protection of A1 myelin basic protein against the action of proteolytic enzymes after interaction of the protein with lipids at the air-water interface.
Biochim Biophys Acta 311:520-30, 18 Jul 73
AIR/ AMINO ACID SEQUENCE/ CATTLE/ *CEREBROSIDES/ EGG YOLK/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ IODINE ISOTOPES/ *LECITHINS/ *MEMBRANES, ARTIFICIAL/ MODELS, CHEMICAL/ MYELIN SHEATH/ *NERVE TISSUE PROTEINS/ NERVE TISSUE PROTEINS, analysis/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDES, analysis/ PRESSURE/ PRONASE/ PROTEIN CONFORMATION/ SPINAL CORD/ SPINAL CORD, analysis/ SUBTILISINS/ SURFACE PROPERTIES/ TRYPSIN/ WATER

4717. **London Y, Vossenberg FG:** Specific interaction of central nervous system myelin basic protein with lipids. Specific regions of the protein sequence protected from the proteolytic action of trypsin.
Biochim Biophys Acta 307:478-90, 25 May 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BINDING SITES/ CATTLE/ CEPHALINS/ CEREBROSIDES/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ENCEPHALITOGENIC BASIC PROTEINS, analysis/ ENCEPHALITOGENIC BASIC PROTEINS, metabolism/ GEL FILTRATION/ LIPIDS, analysis/ *LIPIDS, metabolism/ *MYELIN SHEATH, metabolism/ *NERVE TISSUE PROTEINS, metabolism/ PEPTIDES, analysis/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SPECIES SPECIFICITY/ *SPINAL CORD, metabolism/ TRYPSIN/ ULTRASONICS

4718. **Long C, Mouat B:** The influx of calcium ions into human erythrocytes during cold storage.
Biochem J 132:559-70, Mar 73
BIOLOGICAL TRANSPORT/ *CALCIUM, blood/ CHLORIDES, metabolism/ COLD/ DRUG STABILITY/ *ERYTHROCYTES, metabolism/ HEMOLYSIS/ HUMAN/ MAGNESIUM, metabolism/ NEURAMINIDASE/ POTASSIUM, metabolism/ POTASSIUM CHLORIDE, pharmacodynamics/ SODIUM, metabolism/ SODIUM CHLORIDE, pharmacodynamics/ SPECTROPHOTOMETRY, ATOMIC ABSORPTION/ SUCROSE/ TIME FACTORS/ TRYPSIN

4719. **Long GL, Kaplan NO:** Diphosphopyridine nucleotide-linked D-lactate dehydrogenases from the horseshoe crab, Limulus polyphemus and the seaworm, Nereis virens. I. Physical and chemical properties. Arch Biochem Biophys 154:696-710, Feb 73
AMINO ACIDS, analysis/ AMMONIUM SULFATE/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHEMISTRY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ *CRABS, enzymology/ ELECTROPHORESIS, STARCH GEL/ GEL FILTRATION/ *HELMINTHS, enzymology/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ *LACTATE DEHYDROGENASE, analysis/ LACTATE DEHYDROGENASE, isolation & purification/ MOLECULAR WEIGHT/ MUSCLES, enzymology/ MYOCARDIUM, enzymology/ *NAD, analysis/ POLYMERS/ PROTEINS, analysis/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TIME FACTORS/ TRYPSIN/ ULTRACENTRIFUGATION

4720. **Long PL:** Eimeria tenella: reproduction, pathogenicity and immunogenicity of a strain maintained in chick embryos by serial passage.
J Comp Pathol 82:429-37, Oct 72
ANIMAL EXPERIMENTS/ BODY WEIGHT/ CHICK EMBRYO/ CHICKENS/ COCCIDIOSIS, immunology/ *EIMERIA/ EIMERIA, drug effects/ EIMERIA, growth & development/ EIMERIA, immunology/ EIMERIA, isolation &

purification/ EIMERIA, pathogenicity/ HEMATOCRIT/ SODIUM HYPOCHLORITE, pharmacodynamics/ SPORES/ TRYPSIN, pharmacodynamics

4721. **Longacre JJ, Benton C, Unterthiner RA:** Treatment of facial hemangioma by intravascular embolization with silicone spheres. Case report.
Plast Reconstr Surg 50:618-21, Dec 72
ANGIOGRAPHY/ *ARTERIOVENOUS MALFORMATIONS, therapy/ BARIUM/ CAROTID ARTERIES, radiography/ CAROTID ARTERIES, surgery/ CHILD/ EMBOLISM/ *FACIAL NEOPLASMS, therapy/ *HEMANGIOMA, therapy/ HEMORRHAGE, prevention & control/ HUMAN/ LIGATION/ MALE/ MAXILLA, surgery/ MICROSPHERES/ *SILICONE ELASTOMERS, therapeutic use

4722. **Longin B, Sann L, Lerat C, et al:** Paralysie crurale par hématome traumatique du psoas.
Pediatrie 28:455-6, Jun 73 (Fre)
ADOLESCENCE/ FEMALE/ *HEMATOMA, complications/ HUMAN/ *LEG/ *MUSCLES/ *PARALYSIS, etiology

4723. **Longmire WP Jr, McArthur MS:** Occult injuries of the liver, bile duct, and pancreas after blunt abdominal trauma. Am J Surg 125:661-6, Jun 73
*ABDOMINAL INJURIES, complications/ ABDOMINAL INJURIES, radiography/ ABDOMINAL INJURIES, surgery/ ACCIDENTS, TRAFFIC/ ADULT/ CHILD/ CHOLANGIOGRAPHY/ CHOLECYSTECTOMY/ *COMMON BILE DUCT, injuries/ COMMON BILE DUCT, surgery/ DUODENUM, surgery/ FEMALE/ GASTROSTOMY/ HEMATOMA, etiology/ HUMAN/ JEJUNUM, surgery/ LAPAROTOMY/ *LIVER, injuries/ MALE/ MIDDLE AGE/ *PANCREAS, injuries/ RADIOISOTOPE SCANNING/ RUPTURE

4724. **Longster GH, Tovey LA:** The effects of certain blood-grouping sera on the red-cell surface as seen by the scanning electron microscope.
Br J Haematol 23:635-40, Nov 72
ABO FACTORS/ BLOOD GROUPS/ BROMELAINS, pharmacodynamics/ CELL MEMBRANE/ *ERYTHROCYTES, cytology/ ERYTHROCYTES, drug effects/ ERYTHROCYTES, immunology/ HUMAN/ *IMMUNE SERUMS, pharmacodynamics/ ISOANTIBODIES/ ISOANTIGENS/ MICROSCOPY, ELECTRON, SCANNING/ PAPAIN, pharmacodynamics/ PEPTIDE HYDROLASES, pharmacodynamics/ RH FACTORS

4725. **Lontie R, De Ley M, Robberecht H, et al:** Isolation of small functional subunits of Helix pomatia haemocyanin after subtilisin treatment.
Nature [New Biol] 242:180-2, 11 Apr 73
ANIMAL EXPERIMENTS/ BLOOD PROTEINS, isolation & purification/ BLOOD PROTEINS, metabolism/ *HEMOCYANIN, analysis/ KINETICS/ OXYGEN/ *PEPTIDE PEPTIDOHYDROLASES/ PROTEIN BINDING/ SNAILS/ SPECTRUM ANALYSIS/ SUBTILISINS/ ULTRACENTRIFUGATION

4726. **Loo J van de:** Leistungsfähigkeit und Grenzen von Funktionsprüfungen des fibrinolytischen Systems.
Internist (Berlin) 14:170-4, Apr 73 (Ger)
AFIBRINOGENEMIA, diagnosis/ BLOOD COAGULATION TESTS, instrumentation/ DIAGNOSIS, DIFFERENTIAL/ FIBRIN, analysis/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ *HEMORRHAGE, diagnosis/ *HEMORRHAGIC DIATHESIS, diagnosis/ HUMAN/ METHODS/ PROTHROMBIN TIME/ TIME FACTORS

4727. **Loogen F, Risler T, Seipel L:** Zur Frage der Ebmolieprophylaxe bei Mitralvitien mit Antikoagulantien. Langzeitbeobachtung von Patienten mit und ohne Dicumarol-Behandlung.
Dtsch Med Wochenschr 97:1845-9, 1 Dec 72 (Ger)
ADULT/ AURICULAR FIBRILLATION, complications/ *BISHYDROXYCOUMARIN, administration & dosage/ BISHYDROXYCOUMARIN, adverse effects/ CEREBRAL HEMORRHAGE, chemically induced/ ECCHYMOSIS, chemically induced/ EMBOLISM, complications/ *EMBOLISM, prevention & control/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FEMALE/ HEMORRHAGE, chemically induced/ HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HEMORRHAGE, ORAL, chemically induced/ HUMAN/ KIDNEY/ LONG TERM CARE/ MALE/ MIDDLE AGE/ *MITRAL VALVE INSUFFICIENCY, complications/ *MITRAL VALVE STENOSIS, complications/ UTERINE HEMORRHAGE, chemically induced

4728. **Loos GM, Borsos T:** Action of a phospholipase C preparation on the first component of complement of guinea pig and human serum: lack of correlation with enzyme activity. Infect Immun 6:648-50, Oct 72
ANIMAL EXPERIMENTS/ CALCIUM/ CHROMATOGRAPHY/ CLOSTRIDIUM PERFRINGENS, enzymology/ *COMPLEMENT/ DOSE-RESPONSE RELATIONSHIP, DRUG/ GEL FILTRATION/ GUINEA PIGS/ GUINEA PIGS, immunology/ HUMAN/ PEPTIDE HYDROLASES, analysis/ PHOSPHOLIPASE, blood/ *PHOSPHOLIPASE, pharmacodynamics/ TEMPERATURE

4729. **Lopaciuk S, Nałęczyńska A, Daszyński J, et al:** Nowy koncentrat globuliny przeciwhemofilowej (czynnika VIII) otrzymywany metodą krioprecypitacji i przy użyciu dekstranu.
Acta Haematol Pol 2:103-8, Apr-Jun 71 (Pol)
BLOOD PROTEIN ELECTROPHORESIS/ COLD/ *DEXTRAN, pharmacodynamics/ ELECTROPHORESIS, DISK/ ENGLISH ABSTRACT/ *FACTOR VIII, isolation & purification/ HUMAN/ METHODS/ MOLECULAR WEIGHT/ PRECIPITATION

4730. **Lopas H, Birndorf NI, Bell CE Jr, et al:** Experimental transfusion reactions in monkeys: haemolytic, coagulant and renal effects of transfused isoimmune IgG and IgM. Br J Haematol 23:765-76, Dec 72
ANIMAL EXPERIMENTS/ ANURIA, etiology/ BLOOD COAGULATION DISORDERS, etiology/ *BLOOD GROUP INCOMPATIBILITY/ CHROMIUM ISOTOPES/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ERYTHROCYTES, immunology/ HEMOGLOBIN/ HEMOGLOBINURIA/ HEMOLYSINS/ HEMOLYSIS/ *IGG/ *IGM/ IMMUNE SERUMS/ IMMUNIZATION/ ISOANTIBODIES/ KIDNEY CORTEX, pathology/ KIDNEY GLOMERULUS, pathology/ MACACA/ MONKEYS/ PLASMAPHERESIS

4731. **Lopas H, Birndorf NI, Bell CE Jr, et al:** Immune hemolytic transfusion reactions in monkeys: activation of the kallikrein system.
Am J Physiol 225:372-9, Aug 73
ANIMAL EXPERIMENTS/ ARGININE/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *BLOOD TRANSFUSION/ DISSEMINATED INTRAVASCULAR COAGULATION, immunology/ ENZYME ACTIVATION/ *ERYTHROCYTES, immunology/ ESTERASES, analysis/ FACTOR V, analysis/ FACTOR VIII, analysis/ FACTOR X, analysis/ FACTOR XII, analysis/ FIBRINOGEN, analysis/ HEMATOCRIT/ HEMOGLOBIN/ *HEMOLYSIS/ HYPOTENSION, etiology/ IGG/ *ISOANTIBODIES/ KALLIKREIN, antagonists & inhibitors/ *KALLIKREIN, blood/ MACACA/ MONKEYS/ THROMBIN, analysis

4732. **Lopatina ZhM:** Vatsino-mekikamentoznaia terapiia bol'nykh brutsellezom s iskhodno izmenennoĭ allergicheskoĭ reaktivnost'iu.
Ter Arkh 44:110-4, Jul 72 (Rus)
*BRUCELLA VACCINE, adverse effects/ BRUCELLA VACCINE, therapeutic use/ *BRUCELLOSIS, therapy/ *DESENSITIZATION/ ENGLISH ABSTRACT/ HUMAN/ HYALURONIDASE, therapeutic use/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ PREDNISOLONE, therapeutic use/ PROCAINE, therapeutic use/ PYROGENS,

therapeutic use/ THYROID HORMONES, therapeutic use/ VACCINE THERAPY, adverse effects

4733. **Lopez R:** Corticosteroids and immunity to varicella.
J Pediatr 82:740-1, Apr 73
*CHICKENPOX, immunology/ CHILD/ CHILD, PRESCHOOL/ HUMAN/ LARYNGITIS, drug therapy/ PREDNISONE, adverse effects/ *PREDNISONE, therapeutic use/ PURPURA, THROMBOPENIC, drug therapy/ RHEUMATIC FEVER, drug therapy

4734. **López Sánchez A, Pérez Guzmán E, Medina Diez J, et al:** Sindrome de Klipel-Trenaunay.
Rev Clin Esp 129:211-4, 30 Apr 73 (Spa)
ADULT/ *ANGIOMATOSIS/ CASE REPORT/ HUMAN/ MALE

4735. **Lorand L:** Fibrinoligase: the fibrin-stabilizing factor system of blood plasma.
Ann NY Acad Sci 202:6-30, 8 Dec 72 (75 ref.)
AMINES/ ANIMAL EXPERIMENTS/ BINDING, COMPETITIVE/ BINDING SITES/ BLOOD COAGULATION/ CALCIUM/ CENTRIFUGATION, DENSITY GRADIENT/ CHEMISTRY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELASTICITY/ ENZYME ACTIVATION/ ENZYME PRECURSORS/ *FACTOR XIII/ FACTOR XIII, antagonists & inhibitors/ FACTOR XIII, isolation & purification/ FACTOR XIII DEFICIENCY, familial & genetic/ FEMALE/ *FIBRIN/ GLUTAMINE/ HUMAN/ INFANT, NEWBORN/ PEPTIDES/ PREGNANCY/ REVIEW/ STRUCTURE-ACTIVITY RELATIONSHIP/ THROMBIN/ *TRANSFERASES, blood

4736. **Lorand L, Campbell-Wilkes LK, Cooperstein L:** A filter paper assay for transamidating enzymes using radioactive amine substrates.
Anal Biochem 50:623-31, Dec 72
CARBON ISOTOPES/ CASEIN/ FACTOR XIII, analysis/ FIBRIN/ FILTRATION/ GLUTAMINE/ GUINEA PIGS/ HISTAMINE/ HUMAN/ KINETICS/ LACTOGLOBULINS/ *LIVER, enzymology/ MATHEMATICS/ METHODS/ PUTRESCINE/ *TRANSFERASES, analysis/ TRANSFERASES, antagonists & inhibitors/ TRANSFERASES, blood

4737. **Lorand L, Chenoweth D, Gray A:** Titration of the acceptor cross-linking sites in fibrin.
Ann NY Acad Sci 202:155-71, 8 Dec 72
*BLOOD COAGULATION/ CADAVERINE/ CARBON ISOTOPES/ CHEMISTRY/ DANSYL COMPOUNDS/ DISULFIDES/ ELECTROPHORESIS, DISK/ FACTOR XIII/ *FIBRIN/ FIBRINOGEN/ GLUTAMINE/ HEMOSTATICS/ HISTAMINE/ HUMAN/ KINETICS/ LIVER, enzymology/ MACROMOLECULAR SYSTEMS/ PEPTIDE HYDROLASES/ PEPTIDES/ PUTRESCINE/ SULFIDES/ TRANSFERASES/ TRITIUM/ VENOMS

4738. **Lorand L, Chou CH, Simpson I:** Thiolester substrates for transamidating enzymes: studies on fibrinoligase.
Proc Natl Acad Sci USA 69:2645-8, Sep 72
ACYLATION/ BENZOATES/ BLOOD COAGULATION/ BUTYRATES/ CARBON ISOTOPES/ CATTLE/ *CHOLINE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, THIN LAYER/ CINNAMATES/ ENZYME ACTIVATION/ FACTOR XIII/ *FACTOR XIII/ FACTOR XIII, antagonists & inhibitors/ FACTOR XIII, isolation & purification/ FIBRIN/ FLUORESCENCE/ KINETICS/ PROPIONATES/ PUTRESCINE/ SPECTROPHOTOMETRY/ STRUCTURE-ACTIVITY RELATIONSHIP/ SULFUR/ THROMBIN/ *TRANSFERASES/ ULTRAVIOLET RAYS

4739. **Lorber M:** Hematoxicity of synergized pyrethrin insecticides and related chemicals in intact, totally and subtotally splenectomized dogs.
Acta Hepatogastroenterol (Stuttg) 19:66-78, Feb 72
ACRYLATES, toxicity/ ALCOHOL, PROPYL, toxicity/ ALDEHYDES, toxicity/ ANIMAL EXPERIMENTS/ *BLOOD CELL COUNT/ BLOOD PLATELETS, drug effects/ CYCLOPENTANE, toxicity/ CYCLOPROPANE, toxicity/ DIOXOLES, toxicity/ DOGS/ DRUG SYNERGISM/ HEMATOCRIT/ *HEMATOPOIESIS, drug effects/ *INSECTICIDES, toxicity/ KEROSENE, toxicity/ KETONES, toxicity/ LEUKOCYTES, drug effects/ NAPHTHALENES, toxicity/ *PYRETHRUM, toxicity/ RETICULOCYTES, drug effects/ *SPLEEN, drug effects/ *SPLEEN, physiology/ SPLENECTOMY/ SULFOXIDES, toxicity

4740. **Lord RS, Effeney DJ, Hayes JM, et al:** Renal allograft rupture: cause, clinical features and management.
Ann Surg 177:268-73, Mar 73
ADOLESCENCE/ ANURIA, etiology/ CADAVER/ CASE REPORT/ FEMALE/ *GRAFT REJECTION/ *HEMATOMA, etiology/ HUMAN/ *ISCHEMIA, complications/ KIDNEY, injuries/ KIDNEY, pathology/ *KIDNEY, transplantation/ KIDNEY DISEASES, complications/ MODELS, THEORETICAL/ NEPHRECTOMY/ PAIN/ RUPTURE, SPONTANEOUS, etiology/ TRANSPLANTATION, HOMOLOGOUS

4741. **Lorrain J, Harel P, Gauthier J:** Effets de certaines hormones contraceptives sur la coagulation du sang.
Union Med Can 101:2426-31, Nov 72 (Fre)
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ *CONTRACEPTIVES, ORAL, adverse effects/ *DIMETHISTERONE, adverse effects/ *ESTRADIOL, adverse effects/ FEMALE/ HUMAN/ METHODS/ PREGNANCY/ THROMBOSIS, prevention & control/ TIME FACTORS

4742. **Loseva AL, Tsiperovich OS:** Vlastyvosti krystalichnoho kompleksu proteaz zi Streptomyces griseus.
Ukr Biokhim Zh 43:447-52, Jul-Aug 71 (Ukr)
BARIUM, pharmacodynamics/ BUTYRATES, pharmacodynamics/ CALCIUM, pharmacodynamics/ COBALT, pharmacodynamics/ EDTA, pharmacodynamics/ HEAT/ HYDROGEN-ION CONCENTRATION/ MAGNESIUM, pharmacodynamics/ *PEPTIDE HYDROLASES, metabolism/ PROTEIN DENATURATION/ *STREPTOMYCES, enzymology/ STREPTOMYCES GRISEUS, enzymology/ STRONTIUM, pharmacodynamics/ TEMPERATURE/ UREA, pharmacodynamics/ ZINC, pharmacodynamics

4743. **Losito RJ, Owen CA Jr:** Metabolism and excretion of 14 C-labeled warfarin and 14 C-labeled vitamin K 1 by isolated rat liver.
Mayo Clin Proc 47:731-8, Oct 72
ANIMAL EXPERIMENTS/ *BILE/ CARBON ISOTOPES/ CELL NUCLEUS, metabolism/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ *LIVER, metabolism/ MICROSOMES, LIVER, metabolism/ MITOCHONDRIA, LIVER, metabolism/ PERFUSION/ PHYTONADIONE, blood/ *PHYTONADIONE, metabolism/ RATS/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TIME FACTORS/ WARFARIN, blood/ *WARFARIN, metabolism

4744. **Losowsky MS, Simmons AV, Miloszewski K:** Coagulation abnormalities in liver disease.
Postgrad Med 53:147-52, Jan 73
ACUTE DISEASE/ *BLOOD COAGULATION DISORDERS, complications/ *BLOOD COAGULATION FACTORS/ CHRONIC DISEASE/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FACTOR V, metabolism/ FACTOR VII, metabolism/ FACTOR VIII, metabolism/ FACTOR IX, metabolism/ FACTOR X, metabolism/ FIBRINOLYSIS/ HUMAN/ LIVER, blood supply/ LIVER, metabolism/ *LIVER DISEASES, complications/ PROTHROMBIN, metabolism/ RETICULOENDOTHELIAL SYSTEM, metabolism

4745. **Losty T, Roth JS, Shults G:** Effect of irradiation and heating on proteolytic activity of meat samples.

J Agric Food Chem 21:275-7, Mar-Apr 73
*FOOD IRRADIATION/ *MEAT/ *PEPTIDE HYDROLASES, radiation effects

Lott IT, Chase TN, Murphy DL: Down's syndrome: transport, storage, and metabolism of serotonin in blood platelets. Pediatr Res 6:730-5, Sep 72
ADOLESCENCE/ ADULT/ BIOLOGICAL TRANSPORT/ BLOOD PLATELETS, analysis/ BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ CELL MEMBRANE PERMEABILITY/ CHILD/ FEMALE/ HUMAN/ IMIPRAMINE, pharmacodynamics/ IN VITRO/ MALE/ *MONGOLISM, blood/ MONGOLISM, metabolism/ MONOAMINE OXIDASE, blood/ PROTEINS, analysis/ *SEROTONIN, blood/ TIME FACTORS

Lott IT, Murphy DL, Chase TN: Down's syndrome. Central monoamine turnover in patients with diminished platelet serotonin.
Neurology (Minneap) 22:967-72, Sep 72
ADOLESCENCE/ ADULT/ *BLOOD PLATELETS, metabolism/ CHILD/ FEMALE/ HUMAN/ *HYDROXYINDOLEACETIC ACID, cerebrospinal fluid/ MALE/ MIDDLE AGE/ MONGOLISM, drug therapy/ *MONGOLISM, metabolism/ *PHENYLACETATES, cerebrospinal fluid/ PROBENECID, therapeutic use/ *SEROTONIN, metabolism

Lotto A: Preparazione alla cardioversione elettrica nella fibrillazione atriale.
Cardiol Prat 23:267-71, Jul-Sep 72 (Ita)
ANESTHESIA, GENERAL/ ANTICOAGULANTS, therapeutic use/ AURICULAR FIBRILLATION, drug therapy/ *AURICULAR FIBRILLATION, therapy/ *ELECTRIC COUNTERSHOCK/ ENGLISH ABSTRACT/ HUMAN/ MYOCARDIAL DEPRESSANTS, therapeutic use/ PREMEDICATION/ QUINIDINE, therapeutic use

Lotz H: Therapeutische Erfahrungen mit Dolo-Menthoneurin-Gel.
Z Allgemeinmed 49:851-2, 20 Jun 73 (Ger)
*BACKACHE, drug therapy/ DRUG COMBINATIONS/ EVALUATION STUDIES/ GELS/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ *MENTHOL, administration & dosage/ MENTHOL, therapeutic use/ *NEURALGIA, drug therapy/ PAIN, drug therapy/ *SALICYLATES, administration & dosage/ SALICYLATES, therapeutic use

Lough J, Moore S: Platelet embolic injury; the healing process. Exp Mol Pathol 17:132-44, Oct 72
ANIMAL EXPERIMENTS/ AORTA, injuries/ *BLOOD PLATELETS/ DISEASE MODELS, ANIMAL/ ENDOPLASMIC RETICULUM/ EPITHELIUM, pathology/ KIDNEY DISEASES, etiology/ *KIDNEY DISEASES, pathology/ LIPIDS/ MICROSCOPY, ELECTRON/ MICROSCOPY, PHASE CONTRAST/ MUCOPOLYSACCHARIDES/ MUSCLE, SMOOTH, pathology/ PHAGOCYTOSIS/ RABBITS/ RENAL ARTERY, pathology/ THROMBOEMBOLISM, etiology/ *THROMBOEMBOLISM, pathology/ WOUNDS AND INJURIES, complications

Louie AJ, Dixon GH: Kinetics of enzymatic modification of the protamines and a proposal for their binding to chromatin.
J Biol Chem 247:7962-8, 25 Dec 72
ANIMAL EXPERIMENTS/ ARGININE, metabolism/ *CHROMATIN, metabolism/ DNA, metabolism/ ELECTROPHORESIS, STARCH GEL/ HISTONES, metabolism/ KINETICS/ MALE/ METHIONINE, metabolism/ OXIDATIVE PHOSPHORYLATION, drug effects/ PHOSPHATES, metabolism/ PHOSPHOPROTEINS, biosynthesis/ PHOSPHORUS ISOTOPES/ PROTAMINES, biosynthesis/ *PROTAMINES, metabolism/ PROTEIN BINDING/ *SALMONIDAE, metabolism/ SPERMATOZOA, metabolism/ SULFUR ISOTOPES/ TESTIS, cytology/ *TESTIS, metabolism/ TIME FACTORS/ TRITIUM/ UNCOUPLING AGENTS, pharmacodynamics

4752. **Louvard D, Maroux S, Baratti J, et al:** On the preparation and some properties of closed membrane vesicles from hog duodenal and jejunal brush border.
Biochim Biophys Acta 291:747-63, 16 Feb 73
ALKALINE PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ CELL FRACTIONATION/ *CELL MEMBRANE, metabolism/ CENTRIFUGATION/ CENTRIFUGATION, DENSITY GRADIENT/ CHOLESTEROL, analysis/ DUODENUM, cytology/ *DUODENUM, metabolism/ EDTA/ INTESTINAL MUCOSA, cytology/ INTESTINAL MUCOSA, metabolism/ JEJUNUM, cytology/ *JEJUNUM, metabolism/ LEUCINE AMINOPEPTIDASE, analysis/ MICROSCOPY, ELECTRON/ NEURAMINIC ACIDS, analysis/ PEPTIDE PEPTIDOHYDROLASES, analysis/ PHOSPHOLIPIDS, analysis/ SWINE/ TROMETHAMINE

4753. **Louvard D, Maroux S, Baratti J, et al:** On the distribution of enterokinase in porcine intestine and on its subcellular localization.
Biochim Biophys Acta 309:127-37, 5 May 73
ALKALINE PHOSPHATASE, analysis/ AMINOPEPTIDASES, analysis/ ANIMAL EXPERIMENTS/ CENTRIFUGATION, DENSITY GRADIENT/ ENTEROPEPTIDASE, analysis/ ILEUM, cytology/ ILEUM, enzymology/ INTESTINAL MUCOSA, cytology/ *INTESTINAL MUCOSA, enzymology/ *INTESTINE, SMALL, enzymology/ JEJUNUM, cytology/ JEJUNUM, enzymology/ MACROMOLECULAR SYSTEMS/ MICROSCOPY, ELECTRON/ *PEPTIDE PEPTIDOHYDROLASES, analysis/ PEPTIDE PEPTIDOHYDROLASES, biosynthesis/ SOLUBILITY/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SUBCELLULAR FRACTIONS, enzymology/ SWINE/ TIME FACTORS/ ULTRAFILTRATION

4754. **Louw JH:** Polypoid lesions of the large bowel in children. S Afr Med J 46:1347-52, 16 Sep 72
ADENOMA, occurrence/ ADOLESCENCE/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ COLECTOMY/ COLITIS, ULCERATIVE, occurrence/ *COLONIC NEOPLASMS/ COLONIC NEOPLASMS, occurrence/ COLONIC NEOPLASMS, surgery/ FEMALE/ HAMARTOMA, occurrence/ HEMANGIOMA, occurrence/ HUMAN/ INFANT/ *INTESTINAL POLYPS/ INTESTINAL POLYPS, familial & genetic/ INTESTINAL POLYPS, occurrence/ INTESTINAL POLYPS, surgery/ MALE/ NEUROFIBROMATOSIS, occurrence/ PEDIGREE/ PEUTZ-JEGHERS SYNDROME, occurrence/ *RECTAL NEOPLASMS/ RECTAL NEOPLASMS, occurrence/ RECTAL NEOPLASMS, surgery

4755. **Love JN:** Cryogenic preservation of Anaplasma marginale with Dimethyl sulfoxide.
Am J Vet Res 33:2557-60, Dec 72
*ANAPLASMA/ ANAPLASMA, isolation & purification/ ANAPLASMOSIS, microbiology/ ANIMAL EXPERIMENTS/ BLOOD PRESERVATION/ CATTLE/ CATTLE DISEASES, microbiology/ *DIMETHYL SULFOXIDE, pharmacodynamics/ ERYTHROCYTES, drug effects/ ERYTHROCYTES, microbiology/ *FREEZING/ HEMATOCRIT/ HEMOGLOBIN, analysis/ HEMOLYSIS/ *PRESERVATION, BIOLOGICAL

4756. **Lowance DC, Mullins JD, McPhaul JJ Jr:** Immunoglobulin A (IgA) associated glomerulonephritis. Kidney Int 3:167-76, Mar 73
ADOLESCENCE/ ADULT/ ANTIBODY SPECIFICITY/ BIOPSY/ CHILD/ COMPLEMENT, analysis/ FEMALE/ FIBRIN, analysis/ FIBRINOGEN, analysis/ FLUORESCENT ANTIBODY TECHNIC/ GEL

DIFFUSION TESTS/ *GLOMERULONEPHRITIS, immunology/ GLOMERULONEPHRITIS, pathology/ HEMAGGLUTINATION TESTS/ HUMAN/ *IGA, analysis/ IGG, analysis/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ KIDNEY, pathology/ MALE/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ PHAGOCYTOSIS/ RABBITS, immunology

4757. **Lowe ML, Gin JB, Demetriou JA:** Stability of erythrocytic enzymes for screening tests.
Clin Chem 19:529-30, May 73
ANTICOAGULANTS, pharmacodynamics/ CARBOHYDRATE ISOMERASES, blood/ DRUG STABILITY/ EDTA, pharmacodynamics/ ERYTHROCYTES, drug effects/ *ERYTHROCYTES, enzymology/ FEMALE/ GLUCOSEPHOSPHATE DEHYDROGENASE, blood/ GLUTATHIONE REDUCTASE, blood/ HEPARIN, pharmacodynamics/ HUMAN/ IN VITRO/ LIPOAMIDE DEHYDROGENASE, blood/ MALE/ NAD/ PYRUVATE KINASE, blood/ TIME FACTORS

4758. **Lowe RF:** Primary angle-closure glaucoma. A review 5 years after bilateral surgery.
Br J Ophthalmol 57:457-63, Jul 73
ADHESIONS/ ADULT/ AGED/ CATARACT, etiology/ CHRONIC DISEASE/ DRAINAGE/ FEMALE/ FOLLOW-UP STUDIES/ GLAUCOMA, physiopathology/ GLAUCOMA, prevention & control/ *GLAUCOMA, surgery/ HUMAN/ INTRAOCULAR PRESSURE/ IRIS, surgery/ LENS, CRYSTALLINE/ MALE/ MIDDLE AGE/ MYOPIA, etiology/ POSTOPERATIVE COMPLICATIONS/ REFRACTION, OCULAR/ VISUAL ACUITY/ VISUAL FIELDS

4759. **Lowe RJ, Boyd DR, Folk FA, et al:** The negative laparotomy for abdominal trauma.
J Trauma 12:853-61, Oct 72
ABDOMINAL INJURIES, complications/ *ABDOMINAL INJURIES, diagnosis/ ADULT/ ATELECTASIS, etiology/ HEMATOMA, etiology/ HUMAN/ *LAPAROTOMY, adverse effects/ LIVER, injuries/ MALE/ MIDDLE AGE/ PNEUMONIA, etiology/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMPHYSEMA, etiology/ RETROPERITONEAL SPACE

4760. **Lowman RM:** Angiography of the primary retroperitoneal tumors.
CRC Crit Rev Radiol Sci 3:389-423, 1972 (123 ref.)
ADENOCARCINOMA, radiography/ ADULT/ ANGIOGRAPHY/ COMPARATIVE STUDY/ FEMALE/ FIBROSARCOMA, radiography/ HEMANGIOPERICYTOMA, radiography/ HEMATOMA, radiography/ HODGKIN'S DISEASE, radiography/ HUMAN/ LIPOMA, radiography/ LYMPHOMA, radiography/ MALE/ MESENCHYMOMA, radiography/ METHODS/ MIDDLE AGE/ NEOPLASM METASTASIS/ NEUROFIBROMA, radiography/ PARAGANGLIOMA, NONCHROMAFFIN, radiography/ RETROPERITONEAL FIBROSIS, radiography/ *RETROPERITONEAL NEOPLASMS, radiography/ RETROPERITONEAL SPACE, blood supply/ REVIEW/ SARCOMA, RETICULUM CELL, radiography

4761. **Lübcke P:** Hämorrhagische Herzinfarkte.
Dtsch Med Wochenschr 97:1473-4, 29 Sep 72 (Ger)
BLOOD COAGULATION, drug effects/ HEMORRHAGE, chemically induced/ HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ *MYOCARDIAL INFARCT, chemically induced/ MYOCARDIAL INFARCT, drug therapy/ *STREPTOKINASE, adverse effects/ STREPTOKINASE, pharmacodynamics/ STREPTOKINASE, therapeutic use

4762. **Lübcke P, Hauschildt K, Thürmer J:** Theoretische und klinische Aspekte bei der Streptokinase- Therapie.
Med Welt 23:1747-9, 18 Nov 72 (Ger)
BLOOD COAGULATION DISORDERS, drug therapy/ HUMAN/ STREPTOKINASE, administration & dosage/ STREPTOKINASE, adverse effects/ *STREPTOKINASE, therapeutic use

4763. **Lubczyńska-Kowalska W, Kotschy M, Samplawska-Maj, et al:** Układ krzepnięcia u chorych z dumping-sysdrome po resekcji żołądka z powodu chrorby wrzodowej.
Pol Tyg Lek 28:602-5, 23 May 73 (Pol)
ADULT/ AGED/ *BLOOD COAGULATION/ CHRONIC DISEASE/ *DUMPING SYNDROME, blood/ DUMPING SYNDROME, etiology/ ENGLISH ABSTRACT/ FEMALE/ GASTRECTOMY/ HUMAN/ MALE/ MIDDLE AGE/ *PEPTIC ULCER, surgery

4764. **Lubin B, Oski FA:** Red cell metabolism in the newborn infant. VI. Irreversible oxidant-induced injury.
J Pediatr 81:698-704, Oct 72
CARBON MONOXIDE, pharmacodynamics/ CATALASE, blood/ ERYTHROCYTES, drug effects/ ERYTHROCYTES, enzymology/ *ERYTHROCYTES, metabolism/ FATTY ACIDS, metabolism/ GLUCOSE, metabolism/ GLUCOSEPHOSPHATE DEHYDROGENASE, blood/ GLUTATHIONE, blood/ *GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE, blood/ GLYCOLYSIS, drug effects/ *HEXOKINASE, blood/ HUMAN/ *HYDRAZINES, pharmacodynamics/ HYDROGEN PEROXIDE, metabolism/ *INFANT, NEWBORN/ PEROXIDASES, blood/ PHOSPHOFRUCTOKINASE, blood/ *VITAMIN K, pharmacodynamics

4765. **Lubitz JA, Freeman L, Okun R:** Mitotane use in inoperable adrenal cortical carcinoma.
JAMA 223:1109-12, 5 Mar 73
ADOLESCENCE/ *ADRENAL GLAND NEOPLASMS, drug therapy/ ADULT/ DIABETIC RETINOPATHY, chemically induced/ FEMALE/ FOLLOW-UP STUDIES/ GASTROINTESTINAL DISEASES, chemically induced/ HUMAN/ HYPERBILIRUBINEMIA, chemically induced/ LEUKOPENIA, chemically induced/ MALE/ MIDDLE AGE/ MITOTANE, administration & dosage/ MITOTANE, adverse effects/ *MITOTANE, therapeutic use/ NEOPLASM METASTASIS/ NEUROMUSCULAR DISEASES, chemically induced/ REMISSION/ SKIN DISEASES, chemically induced/ STEROIDS, urine/ THROMBOPENIA, chemically induced/ TIME FACTORS

4766. **Lubran MM:** Role of the lung in angiotensin metabolism.
Ann Clin Lab Sci 3:235-41, Jul-Aug 73 (63 ref.)
ANGIOTENSIN, analysis/ *ANGIOTENSIN, metabolism/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CAPILLARIES, enzymology/ CHEMISTRY/ ENDOTHELIUM, enzymology/ HUMAN/ KININASE II/ KININASE II, analysis/ KININASE II, metabolism/ LUNG, analysis/ *LUNG, enzymology/ ORGAN CULTURE/ *PEPTIDE PEPTIDOHYDROLASES/ PULMONARY CIRCULATION/ RADIOIMMUNOASSAY/ REVIEW/ ULTRACENTRIFUGATION

4767. **Lucas EC, Caplow M, Bush KJ:** Chymotrypsin catalysis. Evidence for a new intermediate. 3.
J Am Chem Soc 95:2670-3, 18 Apr 73
CATALYSIS/ *CHYMOTRYPSIN/ HYDRAZINES/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ KINETICS/ PHENYLALANINE

4768. **Lucas ON, Tsui RS:** Activation of the fibrinolytic and natural anticoagulant system in rats by injection of thrombin. Pharmacol Ther Dent 1:233-40, Jun 71
BLOOD COAGULATION, drug effects/ FIBRINOLYSIS, drug effects/ PROTHROMBIN TIME/ SPECIAL LIST DENTAL/ THROMBIN, pharmacodynamics

4769. **Lüderitz B, Avenhaus H:** Zur Differentialdiagnose und Therapie der digitalisrefraktären Herzinsuffizienz.
Ther Ggw 111:1238-9 passim, Sep 72 (Ger)

ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ DIAGNOSIS, DIFFERENTIAL/ *DIGITALIS GLYCOSIDES, therapeutic use/ *DIURETICS, therapeutic use/ FEMALE/ FIBRINOLYTIC AGENTS, therapeutic use/ GLUCAGON, therapeutic use/ HEART FAILURE, CONGESTIVE, diagnosis/ *HEART FAILURE, CONGESTIVE, drug therapy/ HUMAN/ MALE/ MIDDLE AGE/ PULMONARY HEART DISEASE, diagnosis

4770. **Ludwig H:** Thromboembolische Erkrankungen in der Schwangerschaft und unter der Geburt.
Z Geburtshilfe Perinatol 176:169-82, Jun 72 (47 ref.) (Ger)
ADULT/ BLOOD COAGULATION/ BLOOD PLATELETS/ BLOOD PRESSURE/ *DELIVERY, adverse effects/ DEXTRAN, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ EMBOLISM, AMNIOTIC FLUID, diagnosis/ ENGLISH ABSTRACT/ FEMALE/ HEMODYNAMICS/ HEPARIN, therapeutic use/ HUMAN/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, diagnosis/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, drug therapy/ PUERPERIUM/ PULMONARY EMBOLISM, diagnosis/ REVIEW/ STREPTOKINASE, therapeutic use/ THROMBOEMBOLISM, diagnosis/ THROMBOEMBOLISM, drug therapy/ THROMBOEMBOLISM, etiology/ *THROMBOEMBOLISM, etiology/ THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, diagnosis

4771. **Luganskiĭ IuN:** Sokratitel'naia funktsiia miokarda u bol'nykh gipertonicheskoĭ boleznʹiu pri lechenii geparinom s izobarnom.
Vrach Delo 2:81-3, Feb 72 (Rus)
ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ *GUANETHIDINE, therapeutic use/ *HEART, physiopathology/ *HEPARIN, therapeutic use/ HUMAN/ *HYPERTENSION, drug therapy/ HYPERTENSION, physiopathology/ MALE/ MIDDLE AGE

4772. **Luganskiĭ IuN, Drozdov DD:** Izmenenie funktsional'nogo sostoianiia miokarda i gemodinamiki u bol'nykh gipertonicheskoĭ boleznʹiu pri lechenii geparinom v sochetanii s izobarinom.
Vrach Delo 7:60-2, Jul 72 (Rus)
ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ *GUANETHIDINE, therapeutic use/ HEART, physiopathology/ HEMODYNAMICS/ *HEPARIN, therapeutic use/ HUMAN/ *HYPERTENSION, drug therapy/ HYPERTENSION, physiopathology/ MALE/ MIDDLE AGE

4773. **Lugaro G, Carrea G, Casellato MM, et al:** Evidence for a peptidic factor in spermatozoa inhibiting the ovarian maturation.
Biochim Biophys Acta 304:719-24, 28 May 73
ALKALINE PHOSPHATASE/ ANIMAL EXPERIMENTS/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS, PAPER/ FEMALE/ HYDROCHLORIC ACID/ INTESTINES, enzymology/ MALE/ OVARY, drug effects/ *OVARY, growth & development/ PAPAIN/ PEPSIN/ PEPTIDES, isolation & purification/ *PEPTIDES, pharmacodynamics/ PHOSPHODIESTERASES/ RATS/ SNAKES/ *SPERMATOZOA, analysis/ TRYPSIN/ ULTRAFILTRATION/ VENOMS

4774. **Luhr HG, Busch W:** Diagnostik und Therapie der Tumoren und Pseudotumoren des Kiefergelenkes.
Dtsch Zahnaerztl Z 28:505-13, Apr 73 (Ger)
ADULT/ AGED/ CHONDROBLASTOMA/ CHONDROMA/ CHONDROSARCOMA/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ FIBROMA/ FIBROSARCOMA/ GLOMANGIOMA/ HEMANGIOMA/ HUMAN/ HYPERPLASIA, radiography/ *JAW NEOPLASMS, radiography/ JAW NEOPLASMS, surgery/ MYXOMA/ NEOPLASM METASTASIS/ OSTEOMA/ SYNOVIOMA/ *TEMPOROMANDIBULAR JOINT, radiography

4775. **Luis-Porras C, Cortés C:** Hemorragias subaracnoidéas en la infancia.
Rev Clin Esp 129:111-8, 30 Apr 73 (39 ref.) (Spa)
BACTERIAL INFECTIONS, complications/ BLOOD CELL COUNT/ BRAIN NEOPLASMS, complications/ CEREBRAL ANEURYSM, complications/ CEREBRAL ANGIOGRAPHY/ CEREBRAL ARTERIOVENOUS MALFORMATIONS, complications/ CHILD, PRESCHOOL/ CHOROID PLEXUS/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HEAD INJURIES, complications/ HEMOPHILIA, complications/ HEMORRHAGIC DIATHESIS, complications/ HUMAN/ HYPERSENSITIVITY, complications/ INFANT/ INFANT, NEWBORN/ LEUKEMIA, complications/ MALE/ PREGNANCY/ PURPURA, THROMBOPENIC, complications/ REVIEW/ *SUBARACHNOID HEMORRHAGE/ SUBARACHNOID HEMORRHAGE, etiology/ VENTRICULOGRAPHY

4776. **Lukas ER, Hambacher WO, Fallica AJ:** A note on the use of anticoagulant therapy in chronic brain syndrome.
J Am Geriatr Soc 21:224-5, May 73
AGED/ *ANTICOAGULANTS, therapeutic use/ *BISHYDROXYCOUMARIN, therapeutic use/ *BRAIN DAMAGE, CHRONIC, drug therapy/ COMPARATIVE STUDY/ EVALUATION STUDIES/ HUMAN/ MALE/ MIDDLE AGE/ *PAPAVERINE, therapeutic use/ PROTHROMBIN TIME/ PSYCHIATRIC STATUS RATING SCALES/ PSYCHOLOGICAL TESTS/ QUESTIONNAIRES

4777. **Lukashevich AV:** Uroven' fibrinogena v plazme prakticheski zdorovykh detei shkol'nogo vozrasta--korennykh zhiteleĭ vysokogoriia i nizkogor'ia Kirgizii.
Sov Zdravookhr Kirg 1:16-8, Jan-Feb 72 (Rus)
ADOLESCENCE/ *ALTITUDE/ CHILD/ FEMALE/ *FIBRINOGEN, analysis/ HUMAN/ KIRGHIZIA/ MALE

4778. **Lukashin BP, Dzharak'ian TK:** O otentsirovanii geparinom radiozashchitnogo deĭstviia tsistamina.
Radiobiologiia 13:230-4, Mar-Apr 73 (Rus)
ANIMAL EXPERIMENTS/ *CYSTAMINE, therapeutic use/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ *HEPARIN, therapeutic use/ MICE/ *RADIATION INJURIES, EXPERIMENTAL, drug therapy/ RATS/ SPLEEN, drug effects/ SPLEEN, radiation effects

4779. **Lukasiewicz H, Olszewski W:** Intravascular coagulation in hyperacutely rejected liver xenografts.
Acta Med Pol 14:123-9, 1973
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS/ DISSEMINATED INTRAVASCULAR COAGULATION, immunology/ *DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ DOGS/ *GRAFT REJECTION/ LIVER, blood supply/ LIVER, immunology/ *LIVER, transplantation/ RABBITS/ *TRANSPLANTATION, HETEROLOGOUS/ TRANSPLANTATION IMMUNOLOGY

4780. **Lukasiewicz H, Olszewski W, Polański J, et al:** Coagulation and fibrinolysis in a patient with extracorporeal liver perfusion.
Acta Med Pol 14:79-82, 1973
BLOOD CELL COUNT/ *BLOOD COAGULATION/ BLOOD PLATELETS/ *FIBRINOLYSIS/ HEPATIC COMA, therapy/ HUMAN/ *LIVER/ *PERFUSION/ SWINE

4781. **Lukens JN:** Vitamin K and the older infant.
Am J Dis Child 124:639-40, Nov 72
BLOOD COAGULATION FACTORS/ CYSTIC FIBROSIS, complications/ DIARRHEA, INFANTILE, complications/ DIET/ HEMORRHAGIC DISEASE OF NEWBORN, prevention & control/ HUMAN/ HYPOPROTHROMBINEMIAS, complications/ INFANT/ *VITAMIN K, therapeutic use/

*VITAMIN K DEFICIENCY, diagnosis/ VITAMIN K DEFICIENCY, drug therapy/ VITAMIN K DEFICIENCY, etiology

4782. **Lukjan H, Bielawiec M, Kiersnowska B, et al:** Badania nad wpływem erytrocytów na aktywność kininazową krwi. Pol Tyg Lek 28:41-3, 8 Jan 73 (Pol)
ADOLESCENCE/ ADULT/ ANEMIA, HYPOCHROMIC, blood/ *ANEMIA, HYPOCHROMIC, enzymology/ ENGLISH ABSTRACT/ *ERYTHROCYTES, enzymology/ HUMAN/ KININASE II, blood/ *PEPTIDE PEPTIDOHYDROLASES, blood

4783. **Lüllmann H, Schaefer J:** Ulkusblutung bei Antikoagulantientherapie.
Dtsch Med Wochenschr 98:1731-3, 14 Sep 73 (Ger)
*ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, therapeutic use/ ASPIRIN, therapeutic use/ AURICULAR FIBRILLATION, drug therapy/ BLOOD TRANSFUSION/ COUMARINS, adverse effects/ COUMARINS, therapeutic use/ DIGITALIS GLYCOSIDES, therapeutic use/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *DUODENAL ULCER, chemically induced/ HUMAN/ MALE/ MIDDLE AGE/ PEPTIC ULCER HEMORRHAGE, chemically induced/ PEPTIC ULCER HEMORRHAGE, drug therapy/ *PEPTIC ULCER HEMORRHAGE, therapy/ PHYTONADIONE, therapeutic use/ RHEUMATIC HEART DISEASE, drug therapy

4784. **Luna I, Leadbetter RL, Gilbert DR:** Spontaneous rupture of the kidney: a complication of anticoagulation--report of 2 cases.
J Urol 109:788-9, May 73
*ANTICOAGULANTS, adverse effects/ FEMALE/ HEPARIN, adverse effects/ HUMAN/ *KIDNEY DISEASES, chemically induced/ KIDNEY DISEASES, surgery/ MALE/ MIDDLE AGE/ NEPHRECTOMY/ PROTHROMBIN TIME/ RUPTURE, SPONTANEOUS, chemically induced/ RUPTURE, SPONTANEOUS, surgery/ WARFARIN, adverse effects

4785. **Lund M:** Rodent resistance to the anticoagulant rodenticides, with particular reference to Denmark.
Bull WHO 47:611-8, 1972
ANIMAL EXPERIMENTS/ *ANTICOAGULANTS/ DENMARK/ *DRUG RESISTANCE/ MICE/ RATS/ *RODENT CONTROL/ *RODENTICIDES

4786. **Lundblad RL, Harrison JH, Mann KG:** On the reaction of purified bovine thrombin with N-acetylimidazole.
Biochemistry 12:409-13, 30 Jan 73
*ACETIC ACIDS/ ACETYLATION/ ARGININE/ BINDING, COMPETITIVE/ BINDING SITES/ BLOOD COAGULATION, drug effects/ CATTLE/ CHEMISTRY/ DRUG STABILITY/ ENZYME ACTIVATION/ ESTERASES/ ESTERS/ FIBRINOGEN/ HYDROGEN-ION CONCENTRATION/ *IMIDAZOLES/ PROTEIN CONFORMATION/ SPECTROPHOTOMETRY/ STRUCTURE-ACTIVITY RELATIONSHIP/ *THROMBIN/ THROMBIN, antagonists & inhibitors/ TIME FACTORS/ TOSYL COMPOUNDS/ TYROSINE

4787. **Lundh B:** Huvudindikationer för blodtransfusion.
Lakartidningen 69:Suppl 4:55-8 p, 27 Dec 72 (Swe)
ADOLESCENCE/ ADULT/ AGED/ ANEMIA, therapy/ ANOXIA/ BLOOD PLATELET DISORDERS, therapy/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ CELL SURVIVAL/ ENGLISH ABSTRACT/ ERYTHROCYTES/ FEMALE/ HEMATOCRIT/ HEMOGLOBIN/ HUMAN/ LEUKEMIA, therapy/ OXYGEN, blood/ PLASMA/ PLASMA VOLUME/ TIME FACTORS

4788. **Lunev DK, Shmyrev VI:**
Fibrinolizino-antikoagulliantnaia terapiia tserebral'nykh trombozov.
Zh Nevropatol Psikhiatr 72:1121-8, 1972 (Rus)
ADULT/ CAROTID ARTERY, INTERNAL/ *CEREBRAL EMBOLISM AND THROMBOSIS, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIN, therapeutic use/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ VERTEBRAL ARTERY

4789. **Luquet P:** Données sur l'alimentaton des salmonidés.
Aliment Vie 60:338-62, 1972 (145 ref.) (Fre)
AMYLASE, metabolism/ *ANIMAL NUTRITION/ CALORIMETRY/ CARBOHYDRATES, metabolism/ GASTROINTESTINAL SYSTEM, enzymology/ GASTROINTESTINAL SYSTEM, physiology/ LIPASE, metabolism/ LIPIDS, metabolism/ NUTRITIONAL REQUIREMENTS/ PEPTIDE HYDROLASES, metabolism/ PROTEINS, metabolism/ REVIEW/ *SALMONIDAE, metabolism/ SALMONIDAE, physiology/ VITAMINS, metabolism

4790. **Lurie A:** The laboratory assessment of the efficacy of antihaemophilic therapy. S Afr Med J 46:844, 17 Jun 72
ADULT/ BLOOD CHEMICAL ANALYSIS/ CHILD/ EVALUATION STUDIES/ *FACTOR VIII, therapeutic use/ HALF-LIFE/ *HEMOPHILIA, drug therapy/ HEMORRHAGE, prevention & control/ HUMAN/ PLASMA SUBSTITUTES, analysis/ *PLASMA SUBSTITUTES, therapeutic use

4791. **Lurie A:** The laboratory assessment of the efficacy of antihaemophilic therapy.
S Afr Med J 46:1180-5, 19 Aug 72
BLOOD COAGULATION FACTORS, analysis/ BLOOD PRESERVATION/ BLOOD TRANSFUSION/ FACTOR VIII, administration & dosage/ FREEZING/ GLYCINE, administration & dosage/ HEMOPHILIA, blood/ *HEMOPHILIA, therapy/ HUMAN/ PLASMA SUBSTITUTES

4792. **Lurie A, Silverman NH, Jackson FR:** An approach to dental extractions in haemophilia and related bleeding disorders in children.
S Afr Med J 46:1743-6, 11 Nov 72
ADOLESCENCE/ AMINOCAPROIC ACID, administration & dosage/ AMINOCAPROIC ACID, therapeutic use/ BLOOD TRANSFUSION/ CHILD/ CHILD, PRESCHOOL/ CHRISTMAS DISEASE/ FACTOR X/ FEMALE/ *HEMOPHILIA, complications/ *HEMORRHAGE, ORAL, prevention & control/ HEMORRHAGE, ORAL, therapy/ HUMAN/ HYPOPROTHROMBINEMIAS/ MALE/ *TOOTH EXTRACTION/ TOOTH EXTRACTION, adverse effects

4793. **Lurie B, Brom B, Bank S, et al:** Comparative response of exocrine pancreatic secretion following a test meal and secretin-pancreozymin stimulation.
Scand J Gastroenterol 8:27-32, 1973
AMYLASE, analysis/ COMPARATIVE STUDY/ DUODENUM, analysis/ *GLUCOSE, diagnostic use/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LIPASE, analysis/ *OILS, diagnostic use/ PANCREAS, secretion/ PANCREATIC DISEASES, diagnosis/ *PANCREATIC JUICE, secretion/ *PANCREOZYMIN, diagnostic use/ SECRETIN, diagnostic use/ SOY BEANS/ TRYPSIN, analysis

4794. **Luscher EF:** Thrombosthenin--some new aspects.
Nouv Rev Fr Hematol 12:702-3, Sep-Oct 72
ACTOMYOSIN/ *BLOOD PLATELETS, analysis/ BLOOD PROTEINS, analysis/ HUMAN/ MOLECULAR WEIGHT/ PROTEIN CONFORMATION

4795. **Lüscher EF, Bettex-Galland M:** Thrombosthenin, the contractile protein of blood platelets. New facts and problems.
Pathol Biol (Paris) Suppl:89-101, Dec 72 (85 ref.)
ACTOMYOSIN/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ *BLOOD PLATELETS/ *BLOOD PROTEINS/ BLOOD PROTEINS, biosynthesis/ CALCIUM, pharmacodynamics/ CATTLE/ *CELL AGGREGATION/ CELL

MEMBRANE/ CELL MEMBRANE PERMEABILITY/ CLOT RETRACTION/ HEMOSTASIS/ HUMAN/ MICROTUBULES/ PROTEIN BINDING/ REVIEW/ THROMBOSIS

4796. **Lüscher EF, Probst E, Bettex-Galland M:** Thrombosthenin: structure and function.
Ann NY Acad Sci 201:122-30, 27 Oct 72
*BLOOD PLATELETS, physiology/ *BLOOD PROTEINS, physiology/ CELL MOVEMENT/ CLOT RETRACTION/ HUMAN/ MICROSCOPY, ELECTRON/ PLATELET ADHESIVENESS/ PROTEIN CONFORMATION/ PSEUDOPODIA

4797. **Lusher JM, Barnhart MI:** Evaluation of oral urea in the management of sickle cell anemia.
Adv Exp Med Biol 28:303-21, 1972
ADMINISTRATION, ORAL/ *ANEMIA, SICKLE CELL, drug therapy/ BLOOD PLATELETS, cytology/ BLOOD UREA NITROGEN/ ERYTHROCYTES, cytology/ HEMATOCRIT/ HEMOGLOBINOMETRY/ HUMAN/ MICROSCOPY, ELECTRON, SCANNING/ PAIN/ PLATELET ADHESIVENESS/ *UREA, administration & dosage

4798. **Lust G, Craig PH, Ross GE Jr, et al:** Studies on pectineus muscles in canine hip dysplasia.
Cornell Vet 62:628-45, Oct 72
ANIMAL EXPERIMENTS/ *DOG DISEASES, congenital/ DOG DISEASES, diagnosis/ DOG DISEASES, pathology/ DOGS/ HIP DISLOCATION, CONGENITAL, diagnosis/ HIP DISLOCATION, CONGENITAL, pathology/ *HIP DISLOCATION, CONGENITAL, veterinary/ MUSCLES, analysis/ MUSCLES, enzymology/ *MUSCLES, pathology/ PALPATION/ PEPTIDE HYDROLASES, analysis

4799. **Lusty CJ, Ratner S:** Biosynthesis of urea. XIV. The quaternary structure of argininosuccinase.
J Biol Chem 247:7010-22, 10 Nov 72
ALKYLATION/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ ARGININE/ CARBON ISOTOPES/ CARBOXYPEPTIDASES/ CATTLE/ CYANOGEN BROMIDE/ ELECTROPHORESIS, DISK/ HYDRAZINES/ IODOACETATES/ *LIVER, enzymology/ *LYASES/ LYASES, analysis/ MACROMOLECULAR SYSTEMS/ MALE/ MICROSCOPY, ELECTRON/ MOLECULAR WEIGHT/ PEPTIDES, isolation & purification/ SODIUM DODECYL SULFATE/ SUCCINATES/ SULFHYDRYL COMPOUNDS, analysis/ TRYPSIN/ ULTRACENTRIFUGATION

4800. **Luther PD:** Preparation of monolayer pig kidney cell cultures by a modified continuous flow trypsinization procedure. Med Lab Technol 29:191-4, Apr 72
CELLS, CULTURED/ *KIDNEY, cytology/ SWINE/ *TISSUE CULTURE, instrumentation/ TRYPSIN

4801. **Luthman J, Jonson G, Persson J:** The hypocalcemic effect of protamine in goats and sheep.
Zentralbl Veterinaermed [A] 20:110-5, Mar 73
AGE FACTORS/ ANIMAL EXPERIMENTS/ BONE RESORPTION, drug effects/ FEMALE/ GOATS/ HEPARIN, administration & dosage/ HEPARIN ANTAGONISTS, toxicity/ *HYPOCALCEMIA, chemically induced/ LACTATION, drug effects/ PREGNANCY/ *PROTAMINES, toxicity/ SHEEP

4802. **Luthy JA, Praissman M, Finkenstadt WR, et al:** Detailed mechanism of interaction of bovine -trypsin with soybean trypsin inhibitor (Kunitz). I. Stopped flow measurements.
J Biol Chem 248:1760-71, 10 Mar 73
CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MATHEMATICS/ PROTEIN BINDING/ SOY BEANS/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *TRYPSIN/ TRYPSIN, isolation & purification/ *TRYPSIN INHIBITORS

4803. **Lutton JD:** The effect of phagocytosis and spreading on macrophage surface receptors for concanavalin A.
J Cell Biol 56:611-7, Feb 73
ANIMAL EXPERIMENTS/ BINDING SITES/ CELL COUNT/ *CELL MEMBRANE, metabolism/ CELLS, CULTURED/ CONCANAVALIN A/ CULTURE MEDIA/ CYCLOHEXIMIDE/ CYTOCHALASIN B/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ IODINE ISOTOPES/ IODOACETATES/ *MACROPHAGES, metabolism/ MALE/ MICE/ MICE, INBRED STRAINS/ PERITONEUM/ *PHAGOCYTOSIS/ *PHYTOMITOGENS, metabolism/ *PLANT AGGLUTININS, metabolism/ PROTEIN BINDING/ *RECEPTORS, DRUG/ TRYPSIN

4804. **Lutz H, Hartwich G:** Therapie der Panmyelopathie.
Med Klin 68:761-4, 8 Jun 73 (19 ref.) (Ger)
ANABOLIC STEROIDS, therapeutic use/ ANEMIA, APLASTIC, drug therapy/ *ANEMIA, APLASTIC, therapy/ ANTIBIOTICS, therapeutic use/ BLOOD TRANSFUSION/ BONE MARROW CELLS, transplantation/ GLUCOCORTICOIDS, therapeutic use/ HEMOSTATICS, therapeutic use/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ REVIEW/ SPLENECTOMY/ TESTOSTERONE, therapeutic use/ TRANSPLANTATION, HOMOLOGOUS/ VITAMINS, therapeutic use

4805. **Lux SE, John KM, Ronan R, et al:** Isolation and characterization of the tryptic and cyanogen bromide peptides of apoLp-Gln-II (apoA-II), plasma high density apolipoprotein.
J Biol Chem 247:7519-27, 10 Dec 72
ALKYLATION/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ APOPROTEINS, blood/ CHEMISTRY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN LAYER/ CYANOGEN BROMIDE/ DISULFIDES, analysis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ GEL FILTRATION/ *GLUTAMINE, blood/ HUMAN/ *LIPOPROTEINS, blood/ LIPOPROTEINS, HDL, blood/ METHODS/ NEGROID RACE/ OXIDATION-REDUCTION/ *PEPTIDES, blood/ PEPTIDES, isolation & purification/ THIOCYANATES/ TRYPSIN

4806. **Lycette RR, Whyte S:** Monolayer culture of bovine colon epithelium. Res Vet Sci 14:121-2, Jan 73
ANILINE COMPOUNDS/ ANIMAL EXPERIMENTS/ *CATTLE/ CELL ADHESION/ CELL SEPARATION/ *CELLS, CULTURED/ *COLON/ IN VITRO/ INTESTINAL MUCOSA/ METHODS/ MUCUS, drug effects/ TOLUENE/ TRYPSIN

4807. **Lyday JH:** Report of severe herpes zoster in a 13 and one-half-year-old boy whose chickenpox infection may have been acquired in utero.
Pediatrics 50:930-1, Dec 72
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ *CHICKENPOX, congenital/ CHICKENPOX, immunology/ HERPES ZOSTER, drug therapy/ *HERPES ZOSTER, etiology/ HERPES ZOSTER, therapy/ HUMAN/ MALE/ PEPTIDE HYDROLASES, therapeutic use/ PREGNANCY/ PREGNANCY COMPLICATIONS, INFECTIOUS/ SEROTHERAPY

4808. **Lynn KR:** Some effects of gamma-irradiation on dilute solutions of chymotrypsinogen.
Int J Radiat Biol 23:227-33, Mar 73
AMINO ACIDS, analysis/ CHYMOTRYPSIN, radiation effects/ *CHYMOTRYPSINOGEN, radiation effects/ DOSE-RESPONSE RELATIONSHIP, RADIATION/ *RADIATION EFFECTS/ TIME FACTORS

4809. **Lyon G:** Neuropathologie des hémiplégies cfeébrales infantiles.
Rev Electroencephalogr Neurophysiol Clin 2:87-94, Jan-Mar 72 (Fre)
ANGIOMATOSIS, complications/ BIRTH INJURIES, complications/ *BRAIN, pathology/ BRAIN INJURIES, ACUTE, etiology/

CEREBRAL ANEURYSM, complications/ CEREBRAL CORTEX, injuries/ CEREBRAL EMBOLISM AND THROMBOSIS, complications/ CEREBRAL ISCHEMIA, TRANSIENT, complications/ CEREBROVASCULAR DISORDERS, complications/ CHILD/ CONVULSIONS, complications/ ENCEPHALITIS, complications/ FETAL DISEASES/ HEMIPLEGIA, etiology/ *HEMIPLEGIA, pathology/ HUMAN/ ISCHEMIA, complications/ MENINGITIS, complications

4810. **Lyon LJ, Nevins MA:** Prevention of thromboembolism after hip fracture. Geriatrics 28:107-10, Jan 73 (17 ref.)
AGED/ ANTICOAGULANTS, administration & dosage/ ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, therapeutic use/ ASPIRIN, therapeutic use/ BANDAGES/ COUMARINS, therapeutic use/ DEXTRAN, therapeutic use/ EXERCISE THERAPY/ EXERTION/ FEMORAL NECK FRACTURES, mortality/ FEMORAL NECK FRACTURES, surgery/ FIBRINOGEN/ *FRACTURES, surgery/ HEMORRHAGE, occurrence/ *HIP, injuries/ HUMAN/ IODINE ISOTOPES/ POSTOPERATIVE CARE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, prevention & control/ REVIEW/ *THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, prevention & control/ WARFARIN, therapeutic use

4811. **Lys PV:** Prichiny vozniknovenila, profilaktika i lechenie gemorragicheskikh oslozhnenii pri mekhanicheskoi zheltukhe.
Klin Khir 2:21-6, Feb 73 (Rus)
BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION FACTORS, analysis/ *HEMORRHAGIC DIATHESIS/ HEMORRHAGIC DIATHESIS, etiology/ HEMORRHAGIC DIATHESIS, prevention & control/ HEMORRHAGIC DIATHESIS, therapy/ HUMAN/ JAUNDICE, OBSTRUCTIVE, blood/ *JAUNDICE, OBSTRUCTIVE, complications

4812. **Lys PV:** Gemokoaguliruiushchie i fibrinoliticheskie svoistva tkani pecheni pri mekhanicheskoi zheltukhe.
Vrach Delo 2:30-4, Feb 73 (Rus)
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ *FIBRINOLYSIS/ FIBRINOLYSIS, drug effects/ HUMAN/ *JAUNDICE, OBSTRUCTIVE, physiopathology/ *LIVER, physiopathology/ LIVER EXTRACTS/ MALE/ RATS

M

4813. **Maas AP van der, Teulings FA, Schopman W, et al:** The influence of acenocumarole on the fibrinogen-turnover in normal subjects, venous thrombosis and congestive heart failure.
Thromb Diath Haemorrh 28:496-508, 31 Dec 72
*ACENOCOUMAROL, pharmacodynamics/ ACENOCOUMAROL, therapeutic use/ ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ FEMALE/ *FIBRINOGEN, metabolism/ HALF-LIFE/ *HEART FAILURE, CONGESTIVE, blood/ HEART FAILURE, CONGESTIVE, complications/ HEART FAILURE, CONGESTIVE, drug therapy/ HUMAN/ IODINE ISOTOPES/ MALE/ MIDDLE AGE/ PROTHROMBIN TIME/ *THROMBOPHLEBITIS, blood/ THROMBOPHLEBITIS, etiology

4814. **Maca RD, Fry GL, Hoak JC:** New method for detection and quantitation of circulating platelet aggregates.
Microvasc Res 4:453-7, Oct 72
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ BLOOD PLATELETS, drug effects/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ EDTA/ ENDOTOXINS/ ERYTHROCYTES/ METHODS/ MICROSCOPY, PHASE CONTRAST/ *PLATELET ADHESIVENESS/ RABBITS/ THROMBIN/ THROMBOSIS, chemically induced/ THROMBOSIS, diagnosis

4815. **McAllister WT, Küpper H, Bautz EK:** Kinetics of transcription by the bacteriophage-T3 RNA polymerase in vitro.
Eur J Biochem 34:489-501, 2 May 73
BINDING SITES/ CELL-FREE SYSTEM/ *COLIPHAGES, enzymology/ DNA, VIRAL/ ESCHERICHIA COLI, enzymology/ GUANOSINE TRIPHOSPHATE/ HEPARIN/ KINETICS/ OLIGONUCLEOTIDES, biosynthesis/ OSMOLAR CONCENTRATION/ PROTEIN BINDING/ RNA POLYMERASE, antagonists & inhibitors/ *RNA POLYMERASE, metabolism/ TEMPLATES/ *TRANSCRIPTION, GENETIC/ TRITIUM/ URACIL NUCLEOTIDES

4816. **McBride JA, Wallett LH:** The clinical relevance of platelet function tests.
Br J Haematol 23:Suppl:201-8, Sep 72 (36 ref.)
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ASPIRIN, adverse effects/ BLOOD CELL COUNT/ BLOOD COAGULATION FACTORS, secretion/ BLOOD COAGULATION TESTS/ BLOOD PLATELET DISORDERS, familial & genetic/ *BLOOD PLATELETS/ HEMORRHAGE, diagnosis/ HUMAN/ PHOSPHOLIPIDS, secretion/ PLATELET ADHESIVENESS/ PURPURA, THROMBOPENIC, familial & genetic/ REVIEW/ THROMBOPENIA, diagnosis/ VON WILLEBRAND'S DISEASE, diagnosis

4817. **McCarthy B, Mammen E, Leblanc LP, et al:** Subclinical fat embolism: a prospective study of 50 patients with extremity fractures. J Trauma 13:9-16, Jan 73
ADOLESCENCE/ ADULT/ AGED/ ARM INJURIES, complications/ BLOOD COAGULATION/ BLOOD PLATELETS/ CARBON DIOXIDE, blood/ EMBOLISM, FAT, blood/ *EMBOLISM, FAT, etiology/ EMBOLISM, FAT, radiography/ FEMALE/ FIBRINOGEN/ FRACTURES, blood/ *FRACTURES, complications/ HUMAN/ HYPERVENTILATION, etiology/ LEG INJURIES, complications/ MALE/ MIDDLE AGE/ OXYGEN, blood/ PLATELET ADHESIVENESS/ PROSPECTIVE STUDIES

4818. **McCarthy CF:** Component therapy.
J Ir Med Assoc 66:40-1, 27 Jan 73
AGRANULOCYTOSIS, therapy/ ANEMIA, therapy/ BLOOD PLATELET DISORDERS, therapy/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ HEART FAILURE, CONGESTIVE, therapy/ HUMAN/ LEUKEMIA, therapy/ LIVER CIRRHOSIS, therapy/ UREMIA, therapy

4819. **McCarthy D, Clarke N:** Haemolysis during haemostasis in skin puncture. Ir J Med Sci 142:123-6, May 73
BLOOD COAGULATION TESTS/ CAPILLARIES/ *HEMOGLOBIN, analysis/ HEMOGLOBINOMETRY/ *HEMOLYSIS/ *HEMOSTASIS/ HUMAN/ *SKIN, blood supply/ VEINS

4820. **McCarthy DM, Kim YS:** Changes in sucrase, enterokinase, and peptide hydrolase after intestinal resection. The association of cellular hyperplasia and adaptation. J Clin Invest 52:942-51, Apr 73
ANIMAL EXPERIMENTS/ BODY WEIGHT/ CYTOSOL, enzymology/ DNA, metabolism/ FECES, analysis/ GROWTH/ *INTESTINAL MUCOSA, enzymology/ INTESTINE, SMALL, enzymology/ MALE/ NITROGEN, analysis/ *PEPTIDE HYDROLASES, metabolism/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ PROTEINS, metabolism/ RATS/ SUBCELLULAR FRACTIONS, enzymology/ *SUCRASE, metabolism/ TIME FACTORS

4821. **McCarthy JW, Coble LL:** Intracranial hemorrhage and subsequent communicating hydrocephalus in a neonate with classical hemophilia.
Pediatrics 51:122-4, Jan 73
CASE REPORT/ *CEREBRAL HEMORRHAGE, complications/ CEREBROSPINAL FLUID

SHUNTS/ *HEMOPHILIA, complications/ HUMAN/ *HYDROCEPHALUS, complications/ HYDROCEPHALUS, surgery/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, complications/ MALE

4822. **McCloskey RV:** Scarlet fever and necrotizing fascitis caused by coagulase-positive hemolytic Staphylococcus aureus, phage type 85.
Ann Intern Med 78:85-7, Jan 73
ADULT/ BACTERIOPHAGE TYPING/ CASE REPORT/ COAGULASE, pharmacodynamics/ DRUG RESISTANCE, MICROBIAL/ *FASCIA/ FEMALE/ HEMOLYTIC PLAQUE TECHNIC/ HUMAN/ INFLAMMATION, etiology/ MICROBIAL SENSITIVITY TESTS/ NEOMYCIN, pharmacodynamics/ PENICILLIN, pharmacodynamics/ *SCARLET FEVER, etiology/ *STAPHYLOCOCCAL PHAGES/ STAPHYLOCOCCAL PHAGES, drug effects/ TETRACYCLINE, pharmacodynamics/ TOXINS, biosynthesis/ *VIRUS DISEASES, complications

4823. **McClure HM:** Tumors in nonhuman primates: observations during a six-year period in the Yerkes primate center colony.
Am J Phys Anthropol 38:425-9, Mar 73
ADENOCARCINOMA, veterinary/ ANIMAL EXPERIMENTS/ BONE NEOPLASMS, veterinary/ BRAIN NEOPLASMS, veterinary/ DISGERMINOMA, veterinary/ FEMALE/ GLIOBLASTOMA MULTIFORME, veterinary/ HEMANGIOMA, veterinary/ HODGKIN'S DISEASE, veterinary/ KIDNEY NEOPLASMS, veterinary/ LEIOMYOMA, veterinary/ MACACA/ MALE/ MICROSCOPY, ELECTRON/ *MONKEY DISEASES, occurrence/ MONKEYS/ *NEOPLASMS, veterinary/ OVARIAN NEOPLASMS, veterinary/ SARCOMA, veterinary/ SKIN NEOPLASMS, veterinary/ STOMACH NEOPLASMS, veterinary/ TESTICULAR NEOPLASMS, veterinary/ UTERINE NEOPLASMS, veterinary

4824. **McClure HM, Keeling ME, Guilloud NB:** Hematologic and blood chemistry data for the orangutan (Pongo pygmaeus). Folia Primatol (Basel) 18:284-99, 1972
ALANINE AMINOTRANSFERASE, blood/ ALKALINE PHOSPHATASE, blood/ AMYLASE, blood/ ANIMAL EXPERIMENTS/ *APES, metabolism/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD PROTEINS, analysis/ BLOOD SEDIMENTATION/ BLOOD SUGAR, analysis/ BLOOD UREA NITROGEN/ CHOLESTEROL, blood/ CREATININE, blood/ ELECTROLYTES, blood/ ERYTHROCYTE COUNT/ FEMALE/ HEMATOCRIT/ HEMOGLOBIN, analysis/ LEUKOCYTE COUNT/ MALE/ URIC ACID, blood

4825. **McClure J, Bridges JB:** Mastocalcergy in the mouse.
Calcif Tissue Res 12:117-24, 9 May 73
ACETATES, administration & dosage/ ANIMAL EXPERIMENTS/ *CALCINOSIS, chemically induced/ CALCIUM PHOSPHATES/ CAPILLARIES/ CAPILLARY PERMEABILITY/ CHONDROITIN/ CREATININE/ CYTOPLASMIC GRANULES/ HEPARIN/ HISTAMINE, adverse effects/ HISTOCYTOCHEMISTRY/ HYALURONIC ACID/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ *LEAD, administration & dosage/ MALE/ MAST CELLS/ *MAST CELLS, drug effects/ MICE/ PERMEABILITY/ PHOSPHATES/ *POLYMYXIN, adverse effects/ SEROTONIN, adverse effects/ SULFATES/ VASODILATOR AGENTS

4826. **McCombs PR, Quarantillo EP Jr, Seltzer MH:** Heparin treatment of common-duct stone.
N Engl J Med 289:106, 12 Jul 73
*COMMON BILE DUCT CALCULI, drug therapy/ COMMON BILE DUCT CALCULI, therapy/ FEMALE/ HEPARIN, pharmacodynamics/ *HEPARIN, therapeutic use/ HUMAN/ IN VITRO/ MIDDLE AGE

4827. **McConnell RW, Fore WW, Taylor A:** Embolic occlusion of the renal artery following arteriography. Successful management. Radiology 107:273-4, May 73
*ANGIOGRAPHY, adverse effects/ CASE REPORT/ EMBOLISM, drug therapy/ *EMBOLISM, etiology/ FOLLOW-UP STUDIES/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *RENAL ARTERY, radiography

4828. **McCormack M:** Venous infarction of the myocardium in a newborn child: an unusual effect of disseminated intravascular coagulation.
J Clin Pathol 26:364-6, May 73
BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION DISORDERS, occurrence/ BLOOD COAGULATION DISORDERS, pathology/ CAPILLARIES, pathology/ CORONARY DISEASE, complications/ CORONARY DISEASE, pathology/ CORONARY VESSELS, pathology/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FEMALE/ HUMAN/ INFANT, NEWBORN/ *INFANT, PREMATURE, DISEASES/ LUNG, pathology/ *MYOCARDIAL INFARCT, etiology/ MYOCARDIUM, pathology/ NECROSIS/ STAINS AND STAINING/ THROMBOSIS, complications/ THROMBOSIS, pathology/ VEINS, pathology

4829. **McCreaner HR:** What's in a blood bag?
Lancet 2:560-1, 8 Sep 73
*BLOOD BANKS/ BLOOD DONORS/ *BLOOD PRESERVATION/ BLOOD SPECIMEN COLLECTION, instrumentation/ ESTERS, toxicity/ HUMAN/ LYMPHOCYTES, drug effects/ *PHTHALIC ACID, toxicity/ *PLASTICS, toxicity

4830. **McCullough J, Fortuny IE, Kennedy BJ, et al:** Rapid plasma exchange with the continuous flow centrifuge.
Transfusion 13:94-9, Mar 73
ACIDS, pharmacodynamics/ ADULT/ AGED/ ANEMIA, APLASTIC, therapy/ BLOOD CELL COUNT/ BLOOD SUGAR, analysis/ BLOOD UREA NITROGEN/ *CENTRIFUGATION/ CITRATES, pharmacodynamics/ ELECTROCARDIOGRAPHY/ ELECTROLYTES, blood/ *EXCHANGE TRANSFUSION/ FEMALE/ GLUCOSE, pharmacodynamics/ HEMATOCRIT/ HEMOGLOBINOMETRY/ HEMOPHILIA, therapy/ HEPARIN, pharmacodynamics/ HISTOCOMPATIBILITY/ HUMAN/ ISOANTIBODIES/ MACROGLOBULINEMIA, therapy/ MALE/ METHODS/ PLASMA/ THROMBOPENIA, therapy

4831. **McDermid EM, Vos GH:** Serum protein groups of South African Bantu. II. 1 -Antitrypsin, group specific component and further observations on haptoglobin and caeruloplasmin. S Afr J Med Sci 36:63-8, Oct 71
ALPHA GLOBULIN, analysis/ BLOOD PROTEIN ELECTROPHORESIS/ *BLOOD PROTEINS, analysis/ *CERULOPLASMIN, analysis/ *HAPTOGLOBINS, analysis/ HUMAN/ IMMUNOELECTROPHORESIS/ NEGROID RACE/ PHENOTYPE/ SOUTH AFRICA/ *TRYPSIN INHIBITORS, analysis

4832. **McDermid EM, Vos GH:** Serum protein groups of South African Indians. S Afr J Med Sci 36:57-62, Oct 71
ALPHA GLOBULIN, analysis/ *BLOOD GROUPS/ BLOOD PROTEIN ELECTROPHORESIS/ *BLOOD PROTEINS, analysis/ CERULOPLASMIN, analysis/ GENETICS/ HAPTOGLOBINS, analysis/ HUMAN/ INDIA/ MUTATION/ PHENOTYPE/ SERUM ALBUMIN, analysis/ SOUTH AFRICA/ TRANSFERRIN, analysis/ TRYPSIN INHIBITORS, analysis/ VARIATION (GENETICS)

4833. **McDevitt NB, McDonagh J, Taylor HL, et al:** An acquired inhibitor to factor XIII.
Arch Intern Med 130:772-7, Nov 72
ARTERIAL OCCLUSIVE DISEASES, surgery/ *BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION DISORDERS, therapy/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, analysis/ BLOOD

TRANSFUSION/ FACTOR XIII, analysis/ *FACTOR XIII, antagonists & inhibitors/ FEMORAL ARTERY/ FIBRIN/ HUMAN/ MALE/ MICROSCOPY, ELECTRON/ MIDDLE AGE

4834. **McDonagh J, Wagner RH:** Site of synthesis of plasma and platelet factor XIII.
Ann NY Acad Sci 202:31-40, 8 Dec 72 (28 ref.)
BIOLOGICAL TRANSPORT/ *BLOOD PLATELETS, enzymology/ CYTOPLASM, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ ENZYME PRECURSORS, biosynthesis/ ERYTHROCYTES, enzymology/ *FACTOR XIII, biosynthesis/ FACTOR XIII, isolation & purification/ FACTOR XIII, metabolism/ FACTOR XIII DEFICIENCY, blood/ FLUORESCENT ANTIBODY TECHNIC/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HEAT/ HUMAN/ LEUKOCYTES, enzymology/ *LIVER, enzymology/ *MEGAKARYOCYTES, enzymology/ MEGAKARYOCYTES, metabolism/ MOLECULAR WEIGHT/ RABBITS, immunology/ REVIEW/ THROMBELASTOGRAPHY/ THROMBIN, metabolism/ THROMBOPENIA, blood

4835. **McDonagh RP, McDonagh J, Blombäck B:** Isolation and characterization of the S-carboxymethyl derivatives of crosslinked and noncrosslinked human fibrin.
Proc Natl Acad Sci USA 69:3648-52, Dec 72
AMINO ACIDS, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRIN, analysis/ FIBRIN, metabolism/ HUMAN/ METHYLCELLULOSE/ MOLECULAR WEIGHT/ PEPTIDES, analysis/ TRITIUM/ TRYPSIN, metabolism

4836. **McDonagh RP Jr, McDonagh J, Blombäck B:** Polypeptide chains of human fibrin: molecular organization in cross-linking.
Ann NY Acad Sci 202:335-40, 8 Dec 72
AMINO ACIDS, analysis/ ARGININE, analysis/ BLOOD COAGULATION/ CARBON ISOTOPES/ CHEMISTRY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRIN/ FIBRIN, analysis/ HISTIDINE, analysis/ HUMAN/ LYSINE, analysis/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ *PEPTIDES/ PUTRESCINE/ SODIUM DODECYL SULFATE

4837. **Macdonald I:** Effects of dietary carbohydrate on lipid metabolism in primates.
Proc Nutr Soc 30:277-82, Dec 71 (34 ref.)
ANIMAL EXPERIMENTS/ BABOONS/ CORONARY DISEASE, etiology/ *DIETARY CARBOHYDRATES, metabolism/ DIETARY FATS/ DIETARY PROTEINS/ FEMALE/ FRUCTOSE, metabolism/ GLUCOSE, metabolism/ HUMAN/ INSULIN, secretion/ KWASHIORKOR, metabolism/ *LIPIDS, metabolism/ LIPOPROTEIN LIPASE, metabolism/ MALE/ MONKEYS/ PRIMATES/ REVIEW/ SEX FACTORS/ SEX HORMONES, physiology/ SUCROSE, metabolism/ TRIGLYCERIDES, blood

4838. **McDonald JW, Stuart RK:** Regulation of cyclic AMP levels and aggregation in human platelets by prostaglandin E . J Lab Clin Med 81:838-49, Jun 73
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, administration & dosage/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, analysis/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ ADENOSINE DIPHOSPHATE, antagonists & inhibitors/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ BLOOD PLATELETS, analysis/ *BLOOD PLATELETS, drug effects/ COLLAGEN, antagonists & inhibitors/ COLLAGEN, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ EPINEPHRINE, antagonists & inhibitors/ EPINEPHRINE, pharmacodynamics/ HUMAN/ IN VITRO/ PROTEIN BINDING/ TIME FACTORS

4839. **McDonald RA, Kaplan JG:** Biosynthesis of branched-chain amino acids in Schizosaccharomyces pombe: regulatory properties of threonine deaminase. J Bacteriol 114:323-31, Apr 73
ALANINE, pharmacodynamics/ *AMINO ACIDS, biosynthesis/ AMMONIUM SULFATE/ *ASCOMYCETES, enzymology/ CULTURE MEDIA/ ENZYME ACTIVATION/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ HYDRO-LYASES, antagonists & inhibitors/ HYDRO-LYASES, isolation & purification/ *HYDRO-LYASES, metabolism/ ISOLEUCINE, pharmacodynamics/ LEUCINE, pharmacodynamics/ PROTAMINES/ PYRIDOXAL PHOSPHATE, pharmacodynamics/ STIMULATION, CHEMICAL/ TEMPERATURE/ THREONINE/ VALINE, pharmacodynamics

4840. **McDonald RA, Satyanarayana T, Kaplan JG:** Biosynthesis of branched-chain amino acids in Schizosaccharomyces pombe: properties of acetohydroxy acid synthetase.
J Bacteriol 114:332-40, Apr 73
ACETIC ACIDS, metabolism/ ALCOHOLS, BUTYL, metabolism/ *AMINO ACIDS, biosynthesis/ AMMONIUM SULFATE/ *ASCOMYCETES, enzymology/ ASCOMYCETES, metabolism/ BUTANONES, metabolism/ CARBOXY-LYASES, metabolism/ FAD, metabolism/ FEEDBACK/ GEL FILTRATION/ GLUCOSE, metabolism/ GLYCERIN, metabolism/ HYDROGEN-ION CONCENTRATION/ ISOLEUCINE, biosynthesis/ KETOACID-LYASES, isolation & purification/ *KETOACID-LYASES, metabolism/ KINETICS/ LACTATES, metabolism/ MERCURY, pharmacodynamics/ PROTAMINES/ PYRUVATES/ THIAMINE PYROPHOSPHATE, metabolism/ VALINE, biosynthesis/ VALINE, pharmacodynamics

4841. **McDonald TP:** The hemagglutination-inhibition assay for thrombopoietin. Blood 41:219-33, Feb 73
ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ ANTIBODY SPECIFICITY/ BLOOD CELL COUNT/ *BLOOD PLATELETS, immunology/ *HEMAGGLUTINATION INHIBITION TESTS/ HEMAGGLUTINATION TESTS/ IMMUNE SERUMS/ METHODS/ RABBITS, immunology/ SHEEP/ SULFUR ISOTOPES/ THROMBOPENIA/ THROMBOPOIETIN, analysis

4842. **MacDonell RC Jr, Patterson JH, Zwiren GT, et al:** Cross circulation between children in hepatic coma and chimpanzees. Clinical, biochemical, and coagulation observations. J Pediatr 82:591-7, Apr 73
AMINOTRANSFERASES, blood/ ANIMAL EXPERIMENTS/ BILIRUBIN, blood/ BLOOD COAGULATION TESTS/ CHILD, PRESCHOOL/ *CHIMPANZEES/ EXCHANGE TRANSFUSION/ FEMALE/ HEMOLYSIS/ HEPATIC COMA, etiology/ *HEPATIC COMA, therapy/ HEPATITIS, INFECTIOUS, complications/ HUMAN/ LIVER REGENERATION/ *PARABIOSIS/ PROTHROMBIN TIME

4843. **McDowall MA:** The action of proteinase A 2 of Actinidia chinensis on the B-chain of oxidized insulin.
Biochim Biophys Acta 293:226-31, 12 Jan 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CATTLE/ *INSULIN/ INSULIN, analysis/ OXIDATION-REDUCTION/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDES, analysis/ *PLANTS, enzymology/ PROTEIN CONFORMATION

4844. **McDowell AJ:** Effective practical steps to avoid complications in face-lifting. Review of 105 consecutive cases.
Plast Reconstr Surg 50:563-72, Dec 72
ACOUSTIC NERVE, injuries/ AGED/ ANESTHESIA, LOCAL/ ASPIRATION/ BANDAGES/ *FACE, surgery/ FEMALE/ HAIR, injuries/ HEMATOMA, prevention & control/ HUMAN/ METHODS/ MIDDLE AGE/ PARESTHESIA, etiology/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PREMEDICATION/ SKIN, injuries/ *SURGERY, PLASTIC/ SUTURE TECHNICS

4845. **McEvoy FA, Lynn WS:** The peptides of chloroplast membranes. I. The soluble coupling factor (Ca2plus-ATPase).
Arch Biochem Biophys 156:335-41, May 73
*ADENOSINE TRIPHOSPHATASE, metabolism/ CALCIUM/ CARBON ISOTOPES/ *CHLOROPLASTS, analysis/ CHLOROPLASTS, enzymology/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ DRUG STABILITY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ ETHYLMALEIMIDE/ MEMBRANES, analysis/ MEMBRANES, enzymology/ MOLECULAR WEIGHT/ OSMOLAR CONCENTRATION/ *PEPTIDES, analysis/ PHOTOPHOSPHORYLATION/ *PLANT PROTEINS, analysis/ PROTEIN BINDING/ SODIUM CHLORIDE/ SODIUM DODECYL SULFATE/ SULFHYDRYL COMPOUNDS, analysis/ TIME FACTORS/ TRYPSIN

4846. **MacFadyen DJ, Reeve CE, Bratty PJ, et al:** Failure of antilymphocytic globulin therapy in chronic progressive multiple sclerosis.
Neurology (Minneap) 23:592-8, Jun 73
ADULT/ ANTI-ANTIBODIES, analysis/ *ANTILYMPHOCYTE SERUM, therapeutic use/ BLOOD PLATELETS/ DIPHENHYDRAMINE, therapeutic use/ EVALUATION STUDIES/ FEMALE/ HORSES, immunology/ HUMAN/ HYDROCORTISONE, therapeutic use/ LYMPHOCYTE TRANSFORMATION/ MALE/ MIDDLE AGE/ MULTIPLE SCLEROSIS, blood/ MULTIPLE SCLEROSIS, diagnosis/ *MULTIPLE SCLEROSIS, drug therapy/ MULTIPLE SCLEROSIS, immunology/ NEUROLOGIC EXAMINATION/ PLANT AGGLUTININS/ TUBERCULIN TEST

4847. **McGann LE, Kruuv J, Frey HE:** Repair of freezing damage in mammalian cells.
Cryobiology 9:496-501, Dec 72
CELL LINE/ CELL SURVIVAL/ CELL SURVIVAL, drug effects/ *FIBROBLASTS/ *FREEZING/ HAMSTERS/ LUNG/ TIME FACTORS/ TRYPSIN, pharmacodynamics

4848. **McGovern VJ:** Shock.
Pathol Annu 6:279-98, 1971 (57 ref.)
ADULT/ AGED/ AUTOPSY/ BRAIN, pathology/ CENTRAL VENOUS PRESSURE/ COLITIS, pathology/ COLON, pathology/ ENTERITIS, pathology/ FEMALE/ FIBRIN, secretion/ HEART VENTRICLE, pathology/ HEMORRHAGE, pathology/ HUMAN/ KIDNEY, pathology/ KIDNEY GLOMERULUS, pathology/ KIDNEY TUBULES, pathology/ LIVER, pathology/ LUNG, pathology/ MALE/ MIDDLE AGE/ MYOCARDIUM, pathology/ NECROSIS/ PANCREAS, pathology/ REVIEW/ *SHOCK, pathology/ THROMBOSIS, pathology

4849. **McGuigan JE:** On the distribution and release of gastrin. Gastroenterology 64:497-501, Mar 73 (22 ref.)
DUODENAL ULCER, metabolism/ GASTRIN, blood/ *GASTRIN, metabolism/ HEPARIN/ HUMAN/ INTESTINE, SMALL, metabolism/ PANCREAS, metabolism/ REVIEW/ ZOLLINGER-ELLISON SYNDROME, metabolism

4850. **Mach PS, Auscher C, Le Gô A, et al:** Etude de l'alpha-2 macroglobuline, de l'alpha-1-antitrypsine, et de l'activité antitryptique du sérum dans les rhumatismes inflammatoires et les principales connectivités.
Rev Eur Etud Clin Biol 17:462-70, May 72 (Fre)
ADULT/ AGED/ *ALPHA GLOBULIN, analysis/ ANTIBODIES/ *ARTHRITIS, RHEUMATOID, immunology/ BIOLOGICAL TRANSPORT, ACTIVE/ CALCINOSIS, immunology/ ENGLISH ABSTRACT/ FEMALE/ GEL DIFFUSION TESTS/ HUMAN/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ *MACROGLOBULINS, analysis/ MALE/ MIDDLE AGE/ PSORIASIS, immunology/ *SCLERODERMA, SYSTEMIC, immunology/ SKIN DISEASES, immunology/ SPECTROPHOTOMETRY/ *TRYPSIN INHIBITORS, analysis

4851. **Machalski M, Sikora H:** Investigations on the in vitro effect of antibiotics on the activity of the pancreatic enzymes. Pol Med J 11:856-61, 1972
ADOLESCENCE/ ADULT/ AMYLASE, metabolism/ *ANTIBIOTICS, pharmacodynamics/ CHLORAMPHENICOL, pharmacodynamics/ CHLORTETRACYCLINE, pharmacodynamics/ *ENZYMES, metabolism/ FEMALE/ HUMAN/ LIPASE, metabolism/ MALE/ MIDDLE AGE/ NEOMYCIN, pharmacodynamics/ OXYTETRACYCLINE, pharmacodynamics/ PANCREAS, drug effects/ *PANCREAS, enzymology/ SECRETORY RATE, drug effects/ TRYPSIN, metabolism

4852. **Machemer R:** Subtotal vitrectomy through the pars plana.
Trans Am Acad Ophthalmol Otolaryngol 77:op198-201, Mar-Apr 73
ANGIOMATOSIS, surgery/ EYE DISEASES, surgery/ EYE INJURIES, surgery/ HUMAN/ METHODS/ RETINAL DETACHMENT, surgery/ RETINAL HEMORRHAGE, surgery/ *VITREOUS BODY, surgery

4853. **Macheret EL, Zozulia IS:** Differentsial'naia diagnostika oslozhnenii ostrykh cherepno-mozgovykh traum.
Vrach Delo 1:112-6, Jan 73 (Rus)
ADULT/ BRAIN CONCUSSION, diagnosis/ *BRAIN INJURIES, ACUTE, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HEMATOMA, diagnosis/ HUMAN/ MALE/ MIDDLE AGE/ SKULL, injuries/ *SKULL FRACTURES, diagnosis

4854. **McIlvanie SK:** B.C.G. plus protease I in malignant melanoma. Lancet 2:148, 21 Jul 73
ABO FACTORS/ *BCG VACCINATION/ HUMAN/ IMMUNITY, CELLULAR/ MELANOMA, immunology/ *MELANOMA, therapy/ *PASSIVE TRANSFER/ PEPTIDE HYDROLASES, therapeutic use/ SKIN TESTS

4855. **McIlwain DL:** Non-osmotic swelling in purified bovine myelin. Brain Res 52:97-113, 30 Mar 73
CATIONS, DIVALENT/ CATIONS, MONOVALENT/ CATTLE/ CHROMATOGRAPHY, GAS/ CHYMOTRYPSIN, pharmacodynamics/ DENSITOMETRY/ DEXTRAN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ MICROSCOPY, PHASE CONTRAST/ *MYELIN SHEATH/ MYELIN SHEATH, analysis/ MYELIN SHEATH, drug effects/ PAPAIN, pharmacodynamics/ PHOSPHOLIPIDS, analysis/ PRONASE, pharmacodynamics/ PROTEINS, analysis/ TEMPERATURE/ TIME FACTORS/ TRYPSIN, pharmacodynamics

4856. **McIntosh AH, Maramorosch K, Rechtoris C:** Adaptation of an insect cell line (Agallia constricta) in a mammalian cell culture medium.
In Vitro 8:375-8, Mar-Apr 73
CELL COUNT/ CELL DIVISION/ *CELL LINE/ CELL SURVIVAL/ *CULTURE MEDIA/ *INSECTS, cytology/ KIDNEY/ MICROSCOPY, PHASE CONTRAST/ MONKEYS/ TIME FACTORS/ *TISSUE CULTURE/ TRYPSIN

4857. **McIntosh S, O'Brien RT, Schwartz AD, et al:** Neonatal isoimmune purpura: response to platelet infusions.
J Pediatr 82:1020-7, Jun 73
BLOOD DONORS/ *BLOOD PLATELETS, immunology/ *BLOOD TRANSFUSION, adverse effects/ CELL SURVIVAL/ CHILD, PRESCHOOL/ CORTISONE, therapeutic use/ EXCHANGE TRANSFUSION/ FEMALE/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, immunology/ *ISOANTIBODIES/ LEUKOCYTE COUNT/ MALE/ MATERNAL-FETAL EXCHANGE/ PATERNITY/ PEDIGREE/ PREGNANCY/ PURPURA, THROMBOPENIC, drug therapy/ PURPURA, THROMBOPENIC, etiology/ PURPURA, THROMBOPENIC, familial & genetic/ *PURPURA, THROMBOPENIC, immunology/ PURPURA, THROMBOPENIC, therapy

4858. McIntosh TJ, Waters L, Fouts JR, et al: Response to warfarin in hypothyroid rats.
Eur J Pharmacol 15:176-82, Jun 71
ANIMAL EXPERIMENTS/ BLOOD PROTEINS, analysis/ BODY WEIGHT/ HALF-LIFE/ *HYPOTHYROIDISM, blood/ MALE/ PROTEIN BINDING/ *PROTHROMBIN TIME/ RATS/ RATS, INBRED STRAINS/ SERUM ALBUMIN, analysis/ THYROIDECTOMY/ TIME FACTORS/ WARFARIN, blood/ WARFARIN, metabolism/ *WARFARIN, pharmacodynamics

4859. McIntyre KM, Sasahara AA, Sharma GV: Pulmonary thromboembolism: current concepts.
Adv Intern Med 18:199-218, 1972 (84 ref.)
ASPARTATE AMINOTRANSFERASE, blood/ BLOOD PRESSURE/ CARDIAC OUTPUT/ ELECTROCARDIOGRAPHY/ FIBRINOLYTIC AGENTS, therapeutic use/ HEART, physiopathology/ HEART CONDUCTION SYSTEM, physiopathology/ HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, PULMONARY, complications/ LACTATE DEHYDROGENASE, blood/ OXYGEN, blood/ OXYGEN INHALATION THERAPY/ PROGNOSIS/ PULMONARY ARTERY, radiography/ PULMONARY CIRCULATION/ *PULMONARY EMBOLISM/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, enzymology/ PULMONARY EMBOLISM, physiopathology/ PULMONARY EMBOLISM, radiography/ PULMONARY EMBOLISM, surgery/ PULMONARY EMBOLISM, therapy/ PULMONARY HEART DISEASE, complications/ RADIOISOTOPE SCANNING/ REVIEW

4860. McKay DG: Intravascular coagulation--acute and chronic--disseminated and local.
Proc Inst Med Chic 29:159-71, Sep 72 (29 ref.)
ACUTE DISEASE/ BLOOD COAGULATION/ *BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION DISORDERS, complications/ CHRONIC DISEASE/ *DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, immunology/ FEMALE/ GLOMERULONEPHRITIS, complications/ HEMANGIOMA, complications/ HEMOLYSIS/ HEPARIN, therapeutic use/ HUMAN/ KIDNEY, transplantation/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ MICROCIRCULATION/ NEPHROTIC SYNDROME, complications/ PREGNANCY/ PREGNANCY TOXEMIAS, complications/ PURPURA, THROMBOTIC THROMBOPENIC, complications/ REVIEW/ TRANSPLANTATION, HOMOLOGOUS

4861. McKay DG: Vessel wall and thrombogenesis--endotoxin.
Thromb Diath Haemorrh 29:11-26, 28 Feb 73
ACUTE DISEASE/ ANTIGEN-ANTIBODY COMPLEX/ BLOOD PLATELETS, drug effects/ CAPILLARIES/ CATECHOLAMINES, pharmacodynamics/ COMPLEMENT/ *ENDOTOXINS, pharmacodynamics/ GLUCOCORTICOIDS, pharmacodynamics/ HUMAN/ INFLAMMATION/ KIDNEY, blood supply/ KIDNEY CORTEX NECROSIS, etiology/ LEUKOCYTES, drug effects/ MICROCIRCULATION, drug effects/ *SHWARTZMAN PHENOMENON/ THROMBOSIS

4862. McKay I: A new ligature manipulator.
Lancet 1:976, 5 May 73
ESOPHAGUS, surgery/ *HEMOSTASIS, instrumentation/ HUMAN/ LIGATION, instrumentation/ LIVER, surgery/ PELVIS, surgery/ *SURGICAL INSTRUMENTS

4863. McKay I: Nail elevator. Lancet 808:864, 21 Apr 73
FINGER INJURIES, surgery/ HEMATOMA, surgery/ HUMAN/ *NAILS, surgery/ NAILS, INGROWN, surgery/ PARONYCHIA, surgery/ *SURGICAL INSTRUMENTS

4864. McKay I: Nail elevator. Lancet 1:864, 21 Apr 73
FINGER INJURIES, surgery/ HEMATOMA, surgery/ HUMAN/ *NAILS, surgery/ NAILS, INGROWN, surgery/ PARONYCHIA, surgery/ *SURGICAL INSTRUMENTS

4865. Mackay M, Vallet L, Combridge BS: The characterisation and stability during storage of human immunoglobulin prepared for clinical use.
Vox Sang 25:124-40, 1973
CHROMATOGRAPHY/ COMPLEMENT/ *DRUG STABILITY/ *DRUG STORAGE/ ELECTROPHORESIS/ HUMAN/ IMMUNOELECTROPHORESIS/ *IMMUNOGLOBULINS/ ISOELECTRIC FOCUSING/ PEPTIDE HYDROLASES, analysis/ ULTRACENTRIFUGATION

4866. McKean D, Potter M, Hood L: Mouse immunoglobulin chains. Pattern of sequence variation among kappa chains with limited sequence differences.
Biochemistry 12:760-71, Feb 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ FEMALE/ HYDROLYSIS/ *IMMUNOGLOBULINS, analysis/ IMMUNOGLOBULINS, isolation & purification/ METHIONINE, analysis/ MICE/ MICE, INBRED BALB C/ PEPTIDES, analysis/ TRYPSIN

4867. McKean D, Potter M, Hood L: Mouse immunoglobulin chains. Partial amino acid sequence of a kappa chain.
Biochemistry 12:749-59, Feb 73
ALKYLATION/ AMIDES, analysis/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ CYSTINE, analysis/ DANSYL COMPOUNDS, analysis/ DISULFIDES, analysis/ ETHYLAMINES/ FEMALE/ HYDANTOINS, analysis/ HYDROLYSIS/ *IMMUNOGLOBULINS, analysis/ IMMUNOGLOBULINS, isolation & purification/ IMMUNOGLOBULINS, urine/ METHIONINE, analysis/ MICE/ MICE, INBRED BALB C/ PAPER/ PEPTIDE HYDROLASES/ PEPTIDES, isolation & purification/ STAINS AND STAINING/ TRYPSIN/ TRYPTOPHAN, analysis

4868. McKee PA, Schwartz ML, Pizzo SV, et al: Cross-linking of fibrin by fibrin-stabilizing factor.
Ann NY Acad Sci 202:127-48, 8 Dec 72 (37 ref.)
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ BLOOD PLATELETS, enzymology/ CHEMISTRY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ ENZYME PRECURSORS/ *FACTOR XIII/ FACTOR XIII, isolation & purification/ FACTOR XIII DEFICIENCY, blood/ *FIBRIN/ *FIBRINOGEN/ FIBRINOLYSIS/ GLUTAMINE/ GUINEA PIGS/ HUMAN/ LIVER, enzymology/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PEPTIDES/ REVIEW/ SODIUM DODECYL SULFATE/ SOLUBILITY/ TRANSFERASES, blood

4869. McKelvey EM, Kwaan HC: An IgM circulating anticoagulant with factor VIII inhibitory activity.
Ann Intern Med 77:571-5, Oct 72
*ARTHRITIS, immunology/ *BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION DISORDERS, metabolism/ CHLORAMBUCIL, administration & dosage/ CHLORAMBUCIL, therapeutic use/ ELECTROPHORESIS, STARCH GEL/ *FACTOR VIII/ FACTOR VIII, therapeutic use/ GAMMA GLOBULIN, analysis/ GEL FILTRATION/ HUMAN/ *IGM, analysis/ IMMUNE SERUMS/ IMMUNOLOGIC DISEASES, metabolism/ MALE/ MIDDLE AGE/ PROTHROMBIN TIME/ RABBITS, immunology/ *RAYNAUD'S

DISEASE, immunology/ THROMBOPLASTIN, diagnostic use

4870. **Mackie C, Schulster D:** Phosphodiesterase activity and the potentiation by theophylline of adrenocorticotrophin stimulated steroidogenesis and adenosine 3',5'-monophosphate levels in isolated rat adrenal cells.
Biochem Biophys Res Commun 53:545-51, 17 Jul 73
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, enzymology/ ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ CLOSTRIDIOPEPTIDASE A/ *CORTICOSTERONE, biosynthesis/ *CORTICOTROPIN, pharmacodynamics/ IN VITRO/ *PHOSPHODIESTERASES, metabolism/ RATS/ *THEOPHYLLINE, pharmacodynamics/ TIME FACTORS/ TRITIUM/ TRYPSIN

4871. **Mackie RM:** Malignant melanomata: an aid to preoperative diagnosis. Br J Surg 59:632-4, Aug 72
CARCINOMA, BASAL CELL, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ DIAGNOSTIC ERRORS/ HEMANGIOMA, diagnosis/ HUMAN/ *MELANOMA, diagnosis/ MELANOMA, surgery/ *MICROSCOPY/ NEVUS, PIGMENTED, diagnosis/ SKIN NEOPLASMS, diagnosis

4872. **McKinnon-Mullett EL:** Circulation research: exploring its potential in clinical nursing research.
Nurs Res 21:494-8, Nov-Dec 72
CAPILLARIES, pathology/ *CARDIOVASCULAR DISEASES/ DECUBITUS ULCER, pathology/ ENZYME TESTS/ FIBRINOLYTIC AGENTS, urine/ FINGERS, pathology/ HUMAN/ MICROCIRCULATION/ *NURSING CARE/ PHOTOMICROGRAPHY/ *RESEARCH/ SKIN, blood supply/ THROMBOSIS, diagnosis/ TOES, pathology

4873. **Mackintosh TF, Walker CH:** Blood viscosity in the newborn. Arch Dis Child 48:547-53, Jul 73
BIRTH WEIGHT/ *BLOOD VISCOSITY/ BRAIN DISEASES, blood/ CYANOSIS, blood/ GESTATIONAL AGE/ HEMATOCRIT/ HUMAN/ *INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, blood/ INFANT, PREMATURE/ JAUNDICE, NEONATAL, blood/ PLASMA/ RESPIRATORY DISTRESS SYNDROME, blood

4874. **McLean DH, Buncke HJ Jr:** Use of the Saran Wrap cuff in microsurgical arterial repairs.
Plast Reconstr Surg 51:624-7, Jun 73
*ARTERIES, surgery/ BLOOD COAGULATION/ HEMOSTASIS/ HUMAN/ METHODS/ *MICROSURGERY, instrumentation/ *PLASTICS/ PLATELET ADHESIVENESS/ SUTURES/ THROMBOSIS, prevention & control

4875. **McLean WM, Campolongo JT:** Carbazochrome salicylate as a parenteral hemostat in tonsillectomy.
Can J Surg 16:333-4, Sep 73
ADRENALECTOMY/ CHILD/ CHILD, PRESCHOOL/ CLINICAL RESEARCH/ FEMALE/ *HEMOSTATICS, administration & dosage/ HEMOSTATICS, therapeutic use/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ MALE/ PLACEBOS/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *TONSILLECTOMY

4876. **McLeod AG:** Fatal amniotic fluid embolism in Dade County: an unusual incidence.
Am J Obstet Gynecol 113:1103-7, 15 Aug 72
ADULT/ *EMBOLISM, AMNIOTIC FLUID, mortality/ FEMALE/ FLORIDA/ *MATERNAL MORTALITY/ PREGNANCY

4877. **MacLeod RA, Thurman P, Rogers HJ:** Comparative transport activity of intact cells, membrane vesicles, and mesosomes of Bacillus licheniformis.
J Bacteriol 113:329-40, Jan 73
ALANINE, metabolism/ *AMINO ACIDS, metabolism/ ASPARTIC ACID, metabolism/ BACILLUS, growth & development/ *BACILLUS, metabolism/ BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ CARBON ISOTOPES/ CELL FRACTIONATION/ *CELL MEMBRANE, metabolism/ CELL MEMBRANE PERMEABILITY/ *CELLULAR INCLUSIONS, metabolism/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, PAPER/ CULTURE MEDIA/ GLUTAMATES, metabolism/ HISTIDINE, metabolism/ LIGHT/ LYSINE, metabolism/ NAD, pharmacodynamics/ SODIUM, pharmacodynamics/ STEREOISOMERS/ SUCCINATES, pharmacodynamics/ VITAMIN K, pharmacodynamics

4878. **Macleod RM, Hill RJ:** Demonstration of the hybrid hemoglobin 2 A A S . J Biol Chem 248:100-3, 10 Jan 73
CARBON MONOXIDE/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, STARCH GEL/ FLUORINE/ *HEMOGLOBIN/ HEMOGLOBIN S/ *HEMOGLOBINS, ABNORMAL/ HUMAN/ LIGANDS/ MACROMOLECULAR SYSTEMS/ NITROBENZENES/ PEPTIDES, isolation & purification/ SULFONES/ TRYPSIN

4879. **MacMahon AG:** Disseminated intravascular coagulation in acute alcoholic liver disease.
S Afr Med J 47:227-8, 10 Feb 73
ACUTE DISEASE/ *ALCOHOLISM, complications/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ HEPARIN, therapeutic use/ HUMAN/ *LIVER DISEASES, complications/ MALE/ MIDDLE AGE

4880. **Macmanus JP, Franks DJ, Youdale T, et al:** Increases in rat liver cyclic AMP concentrations prior to the initiation of DNA synthesis following partial hepatectomy or hormone infusion.
Biochem Biophys Res Commun 49:1201-7, 4 Dec 72
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, analysis/ AMINO ACIDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ DNA, analysis/ *DNA, biosynthesis/ FEMALE/ GERM-FREE LIFE/ GLUCAGON, pharmacodynamics/ HEPARIN, pharmacodynamics/ HEPATECTOMY/ LIVER, analysis/ LIVER, drug effects/ *LIVER, metabolism/ *LIVER, physiology/ MALE/ PROTEIN BINDING/ RATS/ THYMIDINE, metabolism/ TIME FACTORS/ *TRIIODOTHYRONINE, pharmacodynamics/ TRITIUM

4881. **McManus WF, Eurenius K, Pruitt BA Jr:** Disseminated intravascular coagulation in burned patients.
J Trauma 13:416-22, May 73
ADULT/ BIOPSY/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ *BURNS, complications/ CHILD, PRESCHOOL/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FACTOR VIII/ FEMALE/ FIBRINOGEN/ HEPARIN, therapeutic use/ HUMAN/ HYPOTENSION, complications/ INFANT/ MALE/ MICROCIRCULATION/ MIDDLE AGE/ SEPTICEMIA, complications

4882. **McMartin DN, Koestner A, Long JF:** Enzyme activities associated with the demyelinating phase of canine distemper. I. Beta-glucuronidase, acid and neutral proteinases. Acta Neuropathol (Berl) 22:275-87, 1972
ANIMAL EXPERIMENTS/ CEREBELLUM, enzymology/ CEREBROVASCULAR CIRCULATION/ DEMYELINATION, enzymology/ *DISTEMPER, enzymology/ DISTEMPER VIRUS, CANINE/ DOGS/ GERBILS/ *GLUCURONIDASE, metabolism/ INFARCTION/ ISCHEMIA/ LYMPHOCYTES, enzymology/ LYSOSOMES, enzymology/ MACROPHAGES/ NECROSIS/ NEUROGLIA, enzymology/ *PEPTIDE HYDROLASES, metabolism/ STATISTICS

4883. **McMillan CW, Weiss AE, Johnson AM:** Acquired

coagulation disorders in children.
Pediatr Clin North Am 19:1029-45, Nov 72
*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS, antagonists & inhibitors/ BLOOD COAGULATION TESTS/ CHILD/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HEMOLYTIC-UREMIC SYNDROME, complications/ HEMORRHAGIC DISEASE OF NEWBORN, drug therapy/ HEMOSTASIS/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ *KIDNEY DISEASES, complications/ *LIVER DISEASES, complications/ LIVER DISEASES, diagnosis/ PEPTIDE HYDROLASES, antagonists & inhibitors/ VITAMIN K/ VITAMIN K, administration & dosage/ VITAMIN K DEFICIENCY, etiology

4884. **McMillan DE:** Serum glycoprotein disturbances and their rheological effects in diabetes mellitus.
Adv Metab Disord 2:Suppl 2:155-66, 1973
*BLOOD VISCOSITY/ DIABETES MELLITUS, blood/ *DIABETIC ANGIOPATHIES, blood/ FUCOSE, blood/ *GLYCOPROTEINS, blood/ HEXOSES, blood/ HUMAN/ *MICROCIRCULATION/ RHEOLOGY

4885. **McMillan GC:** Development of arteriosclerosis.
Am J Cardiol 31:542-6, May 73
ADOLESCENCE/ ADULT/ AGE FACTORS/ *ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, prevention & control/ CHILD/ FATTY STREAK, ARTERIAL, complications/ FATTY STREAK, ARTERIAL, pathology/ HUMAN

4886. **McMorris FA, Chen TR, Ricciuti F, et al:** Chromosome assignments in man of the genes for two hexosephosphate isomerases.
Science 179:1129-31, 16 Mar 73
CARBOHYDRATE ISOMERASES, analysis/ *CARBOHYDRATE ISOMERASES, biosynthesis/ *CHROMOSOMES/ CHROMOSOMES, HUMAN, 1-3/ CHROMOSOMES, HUMAN, 19-20/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ELECTROPHORESIS, STARCH GEL/ FIBROBLASTS, cytology/ *GENES, STRUCTURAL/ GLUCOSEPHOSPHATE ISOMERASE, analysis/ *GLUCOSEPHOSPHATE ISOMERASE, biosynthesis/ HUMAN/ HYBRID CELLS/ HYBRID CELLS, enzymology/ L CELLS, cytology/ LEUKOCYTES, cytology/ MANNOSE/ MICE/ NEUROBLASTOMA/ OXIDOREDUCTASES, analysis/ PEPTIDE HYDROLASES, analysis/ SENDAI VIRUS/ STAINS AND STAINING

4887. **McMullen CT, Montgomery JL:** Arteriographic findings of focal nodular hyperplasia of the liver and review of the literature.
Am J Roentgenol Radium Ther Nucl Med 117:380-7, Feb 73
ADULT/ ANGIOGRAPHY/ CELIAC ARTERY, radiography/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ GOLD ISOTOPES/ HEMANGIOMA, radiography/ *HEPATIC ARTERY, radiography/ HEPATOMA, radiography/ HUMAN/ HYPERPLASIA, classification/ HYPERPLASIA, radiography/ IODINE ISOTOPES, DIAGNOSTIC/ *LIVER CIRCULATION/ LIVER DISEASES, classification/ *LIVER DISEASES, radiography/ LIVER NEOPLASMS, radiography/ PORTAL VEIN, radiography/ RADIOISOTOPE SCANNING/ ROSE BENGAL/ TECHNETIUM

4888. **Macnair AL:** Streptokinase in pulmonary embolism.
Lancet 819:40, 7 Jul 73
COSTS AND COST ANALYSIS/ HUMAN/ *PULMONARY EMBOLISM, drug therapy/ *STREPTOKINASE, therapeutic use

4889. **McNamara JJ, Burran EL, Stremple JF, et al:** Coagulopathy after major combat injury: occurrence, management, and pathophysiology.
Ann Surg 176:243-6, Aug 72
BLOOD CELL COUNT/ BLOOD COAGULATION DISORDERS, etiology/ *BLOOD COAGULATION DISORDERS, occurrence/ BLOOD COAGULATION DISORDERS, physiopathology/ BLOOD COAGULATION DISORDERS, therapy/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ HEMATOCRIT/ HUMAN/ *MILITARY MEDICINE/ POSTOPERATIVE COMPLICATIONS/ PROTHROMBIN TIME/ THROMBELASTOGRAPHY/ UNITED STATES/ VIETNAM/ *WOUNDS AND INJURIES, surgery

4890. **McNaught GH:** Gloves, starch, and povidone iodine.
Lancet 808:887, 21 Apr 73
*ADHESIONS, prevention & control/ ALCOHOL, ETHYL/ COLOR/ *GLOVES, SURGICAL/ HUMAN/ METHODS/ *POLYVINYLPYRROLIDONE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ POVIDONE-IODINE/ *STARCH, adverse effects

4891. **McNaught GH:** Gloves, starch, and povidone iodine.
Lancet 1:887, 21 Apr 73
*ADHESIONS, prevention & control/ ALCOHOL, ETHYL/ COLOR/ *GLOVES, SURGICAL/ HUMAN/ METHODS/ *POLYVINYLPYRROLIDONE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ POVIDONE-IODINE/ *STARCH, adverse effects

4892. **McNicol GP, Davies JA:** Advances in medicine.
Practitioner 209:411-23, Oct 72 (52 ref.)
ANEMIA, MACROCYTIC, mortality/ ANTICOAGULANTS, therapeutic use/ AUSTRALIA ANTIGEN/ AZATHIOPRINE, therapeutic use/ CHOLELITHIASIS, drug therapy/ CLOFIBRATE, therapeutic use/ COLITIS, ULCERATIVE, drug therapy/ DEXTRAN, therapeutic use/ DIGOXIN, blood/ *DRUG THERAPY/ FIBRINOLYTIC AGENTS, therapeutic use/ HALOTHANE, adverse effects/ HEPARIN, therapeutic use/ HEPATITIS, TOXIC, etiology/ HUMAN/ HYPERTHYROIDISM, radiotherapy/ IODINE ISOTOPES, therapeutic use/ LEUKEMIA, drug therapy/ MYOCARDIAL DEPRESSANTS, therapeutic use/ MYOCARDIAL INFARCT, drug therapy/ PLATELET ADHESIVENESS, drug effects/ PULMONARY EMBOLISM, drug therapy/ REVIEW/ THROMBOSIS, drug therapy/ VENOMS, therapeutic use

4893. **Macon WL 4th, Futrell JW:** Median-nerve neuropathy after percutaneous puncture of the brachial artery in patients receiving anticoagulants.
N Engl J Med 288:1396, 28 Jun 73
ADOLESCENCE/ AGED/ *ANTICOAGULANTS, adverse effects/ *BRACHIAL ARTERY/ FASCIA, surgery/ FEMALE/ HEMATOMA, complications/ HEMORRHAGE, chemically induced/ HEMORRHAGE, complications/ HUMAN/ *MEDIAN NERVE/ MIDDLE AGE/ PERIPHERAL NERVE DISEASES, etiology/ PERIPHERAL NERVE DISEASES, surgery/ *PUNCTURES, adverse effects/ VOLKMANN'S CONTRACTURE, etiology

4894. **McPeak DW, Camp FR Jr, Seeger GH, et al:** Cargo coding developments in military blood bank logistics
Milit Med 136:855-8, Nov 71
*BLOOD PRESERVATION/ HUMAN/ METHODS/ *MILITARY MEDICINE/ TECHNOLOGY/ UNITED STATES

4895. **McQuiddy P, Lilien JE:** The binding of exogenously added neuraminidase to cells and tissues in culture
Biochim Biophys Acta 291:774-9, 16 Feb 73
*CELLS, CULTURED, metabolism/ CHICK EMBRYO/ CHROMATOGRAPHY, ION EXCHANGE/ CULTURE MEDIA/ GLUCOSAMINE, metabolism/ LACTOSE, metabolism/ NEURAMINIC ACIDS, biosynthesis/ NEURAMINIC ACIDS, metabolism/ *NEURAMINIDASE, metabolism/

RETINA/ TISSUE CULTURE/ TRITIUM/ TRYPSIN

4896. McSweeney WJ, Bove KE, McAdams AJ: Spontaneous regression of a putative childhood hepatoma. A reappraisal. Am J Dis Child 125:596-8, Apr 73
BIOPSY/ *DIAGNOSTIC ERRORS/ FOLLOW-UP STUDIES/ *HEMANGIOENDOTHELIOMA, diagnosis/ HEMATOPOIESIS/ *HEPATOMA, diagnosis/ HUMAN/ INFANT/ LIVER, pathology/ *LIVER NEOPLASMS, diagnosis/ LIVER NEOPLASMS, radiography/ MALE/ *NEOPLASM REGRESSION, SPONTANEOUS

4897. Macvicar J, Graham RM: Two unusual cases of secondary postpartum haemorrhage.
Br Med J 2:29, 7 Apr 73
ADULT/ BLOOD TRANSFUSION/ *CESAREAN SECTION, adverse effects/ FEMALE/ HEMATOMA, etiology/ *HEMORRHAGE, POSTPARTUM, etiology/ HUMAN/ HYSTERECTOMY/ PREGNANCY/ ULTRASONICS, diagnostic use/ UTERINE RUPTURE, etiology

4898. Madan K: Differenial chromosome staining.
Proc R Soc Med 66:273-5, Mar 73
CHROMOSOME ABERRATIONS/ *CHROMOSOMES/ HUMAN/ KARYOTYPING/ LINKAGE (GENETICS)/ METHODS/ QUINACRINE/ *STAINS AND STAINING/ TRYPSIN

4899. Madding GF, Kennedy PA: Trauma to the liver.
Major Probl Clin Surg 3:1-181, 1971 (365 ref.)
ABDOMINAL INJURIES, complications/ BILIARY TRACT, injuries/ COMMON BILE DUCT/ DRAINAGE/ HEMOSTASIS/ HEPATIC ARTERY/ HUMAN/ LIGATION/ LIVER, anatomy & histology/ LIVER, blood supply/ *LIVER, injuries/ LIVER, pathology/ LIVER, surgery/ LIVER DISEASES/ MILITARY MEDICINE/ POSTOPERATIVE COMPLICATIONS/ REVIEW/ RUPTURE, SPONTANEOUS/ SUTURES/ THORACIC INJURIES, complications/ WOUNDS AND INJURIES, complications/ WOUNDS AND INJURIES, pathology/ WOUNDS AND INJURIES, surgery/ WOUNDS, GUNSHOT, complications/ WOUNDS, GUNSHOT, pathology/ WOUNDS, GUNSHOT, surgery

4900. Maddrey WC, Boitnott JK: Isoniazid hepatitis.
Ann Intern Med 79:1-12, Jul 73
ADULT/ AGED/ ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ DRUG HYPERSENSITIVITY/ FEMALE/ HEPATITIS, TOXIC, complications/ *HEPATITIS, TOXIC, etiology/ HEPATITIS, TOXIC, mortality/ HEPATITIS, TOXIC, pathology/ HUMAN/ *ISONIAZID, adverse effects/ ISONIAZID, therapeutic use/ JAUNDICE, etiology/ LIVER, pathology/ LIVER CIRRHOSIS, POSTNECROTIC, etiology/ MALE/ MIDDLE AGE/ PROTHROMBIN TIME/ RETROSPECTIVE STUDIES/ TIME FACTORS/ *TUBERCULOSIS, prevention & control

4901. Madelmont JC, Meyniel G: Identification dans la thyroglobuline bovine d'un dipeptide iodé, le tyrosyl-tyrosine tétra-iodé.
C R Acad Sci [D] (Paris) 276:1357-9, 19 Feb 73 (Fre)
CATTLE/ CHROMATOGRAPHY/ *DIPEPTIDES, analysis/ HYDROLYSIS/ *IODOTYROSINE, analysis/ SPECTROPHOTOMETRY, INFRARED/ *THYROGLOBULIN, analysis/ TRYPSIN

4902. Madzhidov NM, Amas'iants RA: Opyt lecheniia lidazoi travmaticheskikh porazhenii perifericheskikh nervov (eksperimental'no-morfologicheskoe i klinicheskoe issledovanie.
Zh Nevropatol Psikhiatr 73:679-84, 1973 (Rus)
ANIMAL EXPERIMENTS/ BRACHIAL PLEXUS, injuries/ ENGLISH ABSTRACT/ HEMATOMA, drug therapy/ HEMATOMA, pathology/ HUMAN/ *HYALURONIDASE, therapeutic use/ NEURITIS, drug therapy/ PERIPHERAL NERVE NEOPLASMS, drug therapy/ PERIPHERAL NERVE NEOPLASMS, pathology/ *PERIPHERAL NERVES, injuries/ PERIPHERAL NERVES, pathology/ RABBITS/ SCIATIC NERVE, injuries/ SCIATIC NERVE, pathology

4903. Maeda A, Ueba N, Buei K, et al: Kurotori virus: a virus newly isolated from Anopheles sinensis and pathogenic to mice. I. Isolation and properties.
Biken J 16:43-50, Jun 73
ANIMAL EXPERIMENTS/ *ANOPHELES/ ANTIGENS, VIRAL, analysis/ ARBOVIRUS, drug effects/ ARBOVIRUS, immunology/ *ARBOVIRUS, isolation & purification/ ARBOVIRUS, pathogenicity/ CHICK EMBRYO/ COMPLEMENT FIXATION TESTS/ CROSS REACTIONS/ DEOXYCHOLIC ACID, pharmacodynamics/ DEOXYURIDINE, pharmacodynamics/ ENCEPHALITIS, etiology/ ENCEPHALITIS VIRUS, JAPANESE, immunology/ ETHYL ETHER, pharmacodynamics/ HEMAGGLUTINATION TESTS/ HYDROGEN-ION CONCENTRATION/ KIDNEY/ MAGNESIUM, pharmacodynamics/ MICE/ MICE, INBRED STRAINS/ MONKEYS/ PROTAMINES, pharmacodynamics/ RABBITS/ RNA, VIRAL/ TISSUE CULTURE

4904. Maekawa T: [Disseminated intravascular coagulation]
Jap J Clin Pathol 21:24-30, Jan 73 (7 ref.) (Jap)
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ *DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FACTOR XII, metabolism/ FACTOR XIII, metabolism/ FIBRIN, metabolism/ FIBRINOGEN, metabolism/ FIBRINOLYSIN, metabolism/ HUMAN/ KALLIKREIN, metabolism/ METHIONINE, metabolism/ PLASMINOGEN, metabolism/ RABBITS/ RADIOISOTOPES/ REVIEW/ SELENIUM/ THROMBIN, biosynthesis

4905. Maekawa T, Suzuki Y, Kobayashi N, et al: [Changes in clotting mechanism in consumption coagulopathy]
Jap J Clin Hematol 13:167-76, Apr 72 (Jap)
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ *BLOOD COAGULATION/ BLOOD COAGULATION FACTORS, analysis/ BLOOD PLATELETS/ *DISSEMINATED INTRAVASCULAR COAGULATION, blood/ ENGLISH ABSTRACT/ FIBRINOGEN, metabolism/ IODINE ISOTOPES/ RABBITS

4906. Magee DF, Sullivan JF: Does vagal stimulation liberate secretin and-or cholecystokinin in pigs?
Experientia 29:565-6, 15 May 73
AMYLASE, secretion/ ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ CHOLECYSTOKININ, pharmacodynamics/ *CHOLECYSTOKININ, secretion/ DUODENUM, secretion/ ELECTRIC STIMULATION/ INTESTINAL MUCOSA, secretion/ PANCREAS, drug effects/ PANCREAS, enzymology/ PANCREAS, secretion/ PENTAGASTRIN, pharmacodynamics/ PEPTIDE HYDROLASES, secretion/ *SECRETIN, secretion/ SWINE/ *VAGUS NERVE, physiology

4907. Maghuin-Rogister G, Hennen G: Porcine luteinizing hormone. The amino acid sequence of the subunit.
FEBS Lett 23:225-9, 15 Jun 72
*AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ ARGININE, analysis/ CATTLE/ CHROMATOGRAPHY, PAPER/ DANSYL COMPOUNDS, analysis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ HYDROLYSIS/ *LH/ PEPTIDE CHAIN TERMINATION/ SWINE/ TRYPSIN

4908. Magnin D: Cacifications surrénaliennes et infection à cytomégalovirus dans la première enfance.
Helv Paediatr Acta 28:135-43, May 73 (Fre)
*ADRENAL GLAND DISEASES, etiology/

ADRENAL GLAND DISEASES, radiography/ BLOOD COAGULATION DISORDERS, complications/ *CALCINOSIS, etiology/ CALCINOSIS, radiography/ CHILD, PRESCHOOL/ *CYTOMEGALIC INCLUSION DISEASE, complications/ *CYTOMEGALOVIRUSES/ ENGLISH ABSTRACT/ ERYTHROBLASTOSIS, FETAL, therapy/ EXCHANGE TRANSFUSION/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE

4909. **Magnusson B:** Autoradiographic study of erupting teeth in rats after intracardial injection of 131 I-fibrinogen. Scand J Dent Res 81:130-4, 1973
ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ *BODY FLUIDS, metabolism/ CAPILLARY PERMEABILITY/ FIBRINOGEN, diagnostic use/ INCISOR, blood supply/ INCISOR, radiography/ IODINE ISOTOPES/ MOLAR, blood supply/ MOLAR, radiography/ *PERIAPICAL TISSUE, metabolism/ RATS/ STAINS AND STAINING/ TIME FACTORS/ *TOOTH ERUPTION

4910. **Magnusson S:** On the primary structure of bovine thrombin. Folia Haematol (Leipz) 98:385-90, 1972
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ CATTLE/ CHEMISTRY/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, analysis/ *PROTHROMBIN, analysis/ SERINE/ *THROMBIN, analysis

4911. **Magri G, Mignone V, Longhini E:** Insufficienza respiratoria da broncopneumopatia cronica ostruttiva e fibrinolisi.
Minerva Med 64:206-14, 24 Jan 73 (Ita)
*BLOOD COAGULATION DISORDERS, etiology/ BRONCHITIS, complications/ BRONCHITIS, physiopathology/ CARBON DIOXIDE, blood/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ *FIBRINOLYSIS/ HUMAN/ *LUNG DISEASES, OBSTRUCTIVE, complications/ LUNG DISEASES, OBSTRUCTIVE, physiopathology/ PARTIAL PRESSURE/ PULMONARY HEART DISEASE, complications/ *RESPIRATORY INSUFFICIENCY, complications/ RESPIRATORY INSUFFICIENCY, physiopathology/ THROMBELASTOGRAPHY

4912. **Maguire KF, Doran GA:** Surface morphology of endocardial thrombus induced by a high-fat diet. Am J Anat 135:153-7, Sep 72
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CELL NUCLEUS/ CHOLESTEROL, analysis/ DIETARY FATS/ MICE/ MICROSCOPY, ELECTRON, SCANNING/ *MYOCARDIUM, pathology/ RATS/ THROMBOSIS, chemically induced/ *THROMBOSIS, pathology/ TRIGLYCERIDES, blood

4913. **Mahadevan H, Ozonoff MB, Joki P:** Arteriographic findings in synovial hemangioma of the knee. Radiology 106:627-8, Mar 73
ANGIOGRAPHY/ CASE REPORT/ CHILD/ FEMORAL ARTERY, radiography/ *HEMANGIOMA, CAVERNOUS, radiography/ HUMAN/ *KNEE/ MALE/ SYNOVIAL MEMBRANE/ *SYNOVIOMA, radiography

4914. **Mahasandanan C, Hathaway WE:** Circulating anticoagulants in the newborn: relation to hypercoagulability and the idiopathic respiratory distress syndrome. Pediatr Res 7:670-3, Jul 73
*ANTITHROMBIN, analysis/ BLOOD/ *BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, diagnosis/ CESAREAN SECTION/ ERYTHROBLASTOSIS, FETAL, complications/ FACTOR X, antagonists & inhibitors/ FEMALE/ GESTATIONAL AGE/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, complications/ INFANT, NEWBORN, DISEASES, diagnosis/ LABOR COMPLICATIONS, complications/ PREGNANCY/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, complications/ PREGNANCY TOXEMIAS, complications/ *RESPIRATORY DISTRESS SYNDROME, complications/ THROMBELASTOGRAPHY/ UMBILICAL CORD/ VEINS

4915. **Mahlke G:** Erfahrungen mit Thiomucase in der Traumatologie.
Z Allgemeinmed 49:33-4, 10 Jan 73 (Ger)
*EDEMA, drug therapy/ *HEMATOMA, drug therapy/ HUMAN/ *HYDROLASES, therapeutic use/ MUCOPOLYSACCHARIDES, therapeutic use/ OINTMENTS/ WOUNDS AND INJURIES, complications/ WOUNDS AND INJURIES, drug therapy

4916. **Mahnke PF, Jacob C:** Zum Nachweis von Mastzellen und Histamin in der menschlichen Plazenta.
Exp Pathol (Jena) 6:355-9, 1972 (Ger)
CHROMATOGRAPHY, PAPER/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, metabolism/ HEPARIN, secretion/ HISTAMINE, metabolism/ *HISTAMINE, secretion/ HISTOCYTOCHEMISTRY/ HUMAN/ *MAST CELLS/ *PLACENTA, cytology/ PLACENTA, metabolism/ PLACENTA, pathology/ PLACENTA, secretion/ PREGNANCY

4917. **Mailáth L, Stenszky V, Alberth B, et al:** Die Rolle der Blutgruppenkompatibilität bei Keratoplastik.
Klin Monatsbl Augenheilkd 160:550-3, May 72 (Ger)
ABO FACTORS/ ANTIGENS/ *BLOOD GROUP INCOMPATIBILITY, complications/ BLOOD GROUPS/ BLOOD PLATELETS/ *CORNEA, transplantation/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LEUKOCYTES/ MALE/ METHODS/ PUNCHED-CARD SYSTEMS/ TISSUE DONORS/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY

4918. **Maillé JG, Dyrda I, Paiement B, et al:** Patients with cardiac valve prosthesis: subsequent anaesthetic management for non-cardiac surgical procedures.
Can Anaesth Soc J 20:207-16, Mar 73 (63 ref.)
ANEMIA, HEMOLYTIC, etiology/ *ANESTHESIA, GENERAL/ ANESTHETICS/ ANTIBIOTICS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ ARRHYTHMIA, etiology/ *CARDIAC OUTPUT/ DIGITALIS GLYCOSIDES, therapeutic use/ DIURETICS, therapeutic use/ ENDOCARDITIS, etiology/ HEART DISEASES, complications/ HEART FAILURE, CONGESTIVE, prevention & control/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, adverse effects/ HEMOGLOBINOMETRY/ HUMAN/ LUNG DISEASES, complications/ POTASSIUM, blood/ PREANESTHETIC MEDICATION/ PREOPERATIVE CARE/ PROPRANOLOL, therapeutic use/ REVIEW/ *SURGERY, OPERATIVE/ THROMBOEMBOLISM, etiology

4919. **Mailliet P, Micol P, Baulieux J:** A propos des plicatures intestinales ou mésentériques (63 observations.
Lyon Chir 68:265-9, Jul-Aug 72 (Fre)
*ADHESIONS, prevention & control/ ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *INTESTINAL OBSTRUCTION, surgery/ MALE/ *MESENTERY, surgery/ METHODS/ MIDDLE AGE

4920. **(Maimonides), Mildner T:** Eine Gewissensfrage an Maimonides. Med Klin 67:1091-3, 25 Aug 72 (Ger)
*CIRCUMCISION, history/ HEMOPHILIA, history/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HISTORY OF MEDICINE, ANCIENT/ HUMAN/ ISRAEL/ MALE/ PROBLEM SOLVING, history/ SPAIN

4921. **Maimunkov K, Tsekov M, Delibasheva A:** Sustirvaemost na kruvta pri surdechen infarkt i promeni na niakoi faktori na koagulatsiiata pri antikoagulantnoto mu lechenie. Vutr Boles 10:44-51, 1971 (Bul)
ADULT/ AGED/ *ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION/ *BLOOD COAGULATION FACTORS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, blood

4922. **Maines MD, Wosilait WD:** An autoradiographic study of the distribution and excretion of 14C-dicoumarol in the rat. Comp Gen Pharmacol 2:184-8, Jun 71
ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ BILE, metabolism/ BISHYDROXYCOUMARIN, blood/ *BISHYDROXYCOUMARIN, metabolism/ CARBON ISOTOPES/ CHROMATOGRAPHY, THIN LAYER/ FACTOR VII, analysis/ FEMALE/ HALF-LIFE/ INTESTINES, metabolism/ KIDNEY, metabolism/ LIVER, metabolism/ NASAL MUCOSA, metabolism/ PROTHROMBIN TIME/ RATS/ TIME FACTORS

4923. **Maino V, Rapetti PC:** Trattamento dell'infarto miocardico in fase acuta e delle sue complicazioni in reparto di rianimazione.
Minerva Cardioangiol 20:505-15, Sep 72 (Ita)
ACUTE DISEASE/ ANTICOAGULANTS, therapeutic use/ ARRHYTHMIA, therapy/ BLOOD PRESSURE/ CORONARY CARE UNITS/ ENGLISH ABSTRACT/ GLUCOSE, therapeutic use/ HEART BLOCK, therapy/ HEART FAILURE, CONGESTIVE, therapy/ HUMAN/ HYPNOTICS AND SEDATIVES, therapeutic use/ MYOCARDIAL INFARCT, complications/ *MYOCARDIAL INFARCT, therapy/ OXYGEN INHALATION THERAPY/ PROGNOSIS/ PULMONARY EDEMA, therapy/ *RESUSCITATION/ SHOCK, CARDIOGENIC, therapy/ WATER-ELECTROLYTE BALANCE

4924. **Maintz J, Elema JD, Henningsen B, et al:** Eine Sonderform der chronischen Glomerulonephritis: IgA-IgG-Nephropathie.
Dtsch Med Wochenschr 97:1527-33, 13 Oct 72 (Ger)
ADULT/ ANTIGEN-ANTIBODY COMPLEX/ BIOPSY/ CHRONIC DISEASE/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, analysis/ GLOMERULONEPHRITIS, diagnosis/ GLOMERULONEPHRITIS, drug therapy/ *GLOMERULONEPHRITIS, immunology/ GLOMERULONEPHRITIS, pathology/ HEMATURIA, etiology/ HISTOCYTOCHEMISTRY/ HUMAN/ IGA, analysis/ IGE, analysis/ IGG, analysis/ IGM, analysis/ IMMUNOASSAY/ *IMMUNOGLOBULINS, analysis/ MALE/ PROTEINURIA, etiology

4925. **Maĭorov IuM:** Issledovanie fibrinoliticheskoĭ aktivnosti krovi pri pomoshchi tromboelastografa.
Kardiologiia 12:44-9, Feb 72 (Rus)
AGED/ BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, drug therapy/ STREPTOKINASE, pharmacodynamics/ STREPTOKINASE, therapeutic use/ *THROMBELASTOGRAPHY/ TIME FACTORS

4926. **Maĭorov IuM, Khot'kin AN:** Adgesivnost' trombotsitov pri ishemicheskoĭ bolezni serdtsa.
Kardiologiia 12:45-8, Aug 72 (Rus)
ACUTE DISEASE/ *ANTICOAGULANTS, therapeutic use/ CHRONIC DISEASE/ *CORONARY DISEASE, blood/ CORONARY DISEASE, drug therapy/ ENGLISH ABSTRACT/ *HEPARIN, therapeutic use/ HUMAN/ MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, drug therapy/ *PLATELET ADHESIVENESS

4927. **Majer P, Jirava E, Procházka J, et al:** Antihemofilický kryoprotein v dentoalveolární chirurgii u hemofilie.
Cesk Stomatol 73:261-4, 1973 (Cze)
ENGLISH ABSTRACT/ *HEMOPHILIA/ *HEMORRHAGE, ORAL, prevention & control/ *HEMOSTATICS, therapeutic use/ HUMAN/ *PROTEINS, therapeutic use/ *SURGERY, ORAL/ *TOOTH EXTRACTION

4928. **Majewska Z:** Rokowanie w guzach mózgu u dzieci.
Pediatr Pol 47:1493-7, Dec 72 (Pol)
AGE FACTORS/ ASTROCYTOMA, diagnosis/ *BRAIN NEOPLASMS, diagnosis/ CHILD/ CRANIOPHARYNGIOMA, diagnosis/ ENGLISH ABSTRACT/ FOLLOW-UP STUDIES/ HEMATOMA, diagnosis/ HUMAN/ MENINGIOMA, diagnosis/ PROGNOSIS

4929. **Majno G, Bouvier CA, Gabbiani G, et al:** Kymographic recording of clot retraction: effects of papaverine, theophylline and cytochalasin B.
Thromb Diath Haemorrh 28:49-53, 31 Aug 72
ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ BRADYKININ, pharmacodynamics/ *CLOT RETRACTION/ CYANIDES, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ HUMAN/ *INDOLES, pharmacodynamics/ KYMOGRAPHY/ NOREPINEPHRINE, pharmacodynamics/ *PAPAVERINE, pharmacodynamics/ POTASSIUM, pharmacodynamics/ RATS/ SEROTONIN, pharmacodynamics/ *THEOPHYLLINE, pharmacodynamics/ VASOPRESSIN, pharmacodynamics

4930. **Májský A, Herzog P, Štěpán J:** K otázce destičkových protilátek v sérech revmatiků.
Cas Lek Cesk 112:244-5, 23 Feb 73 (Cze)
ANTI-ANTIBODIES, analysis/ *AUTOANTIBODIES, analysis/ *BLOOD PLATELETS, immunology/ COMPLEMENT FIXATION TESTS/ ENGLISH ABSTRACT/ HUMAN/ ISOANTIBODIES, analysis/ PRECIPITINS, analysis/ *RHEUMATISM, immunology

4931. **Makhov EP, Filippova VM:** Lechenie zabolevanii i povrezhdenii oporno-dvigatel'nogo apparata gidrokortizonom.
Khirurgiia (Mosk) 49:83-5, Feb 72 (Rus)
ADULT/ DIABETES MELLITUS, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYDROCORTISONE, TOPICAL, therapeutic use/ INJECTIONS, INTRA-ARTICULAR/ *JOINT DISEASES, drug therapy/ MALE/ MIDDLE AGE/ *MUSCULAR DISEASES, drug therapy/ PEPTIDE HYDROLASES, therapeutic use/ PHYSICAL THERAPY

4932. **Maki M:** [Syndromes of disseminated intravascular coagulation-in the fields of obstetrics and gynecology] Jap J Clin Med 31:831-5, Apr 73 (Jap)
*DISSEMINATED INTRAVASCULAR COAGULATION/ FEMALE/ HUMAN/ *LABOR COMPLICATIONS/ PREGNANCY

4933. **Makiura S, Kamamoto Y, Sugihara S, et al:** Effect of 1-naphthyl isothiocyanate and 3-methylcholanthrene on hepatocarcinogenesis in rats treated with diethylnitrosoamine. Gann 64:101-4, Feb 73
ANIMAL EXPERIMENTS/ BILE DUCTS, INTRAHEPATIC, pathology/ BODY WEIGHT, drug effects/ FIBROSARCOMA, chemically induced/ HEMANGIOENDOTHELIOMA, chemically induced/ *HEPATOMA, chemically induced/ HYPERPLASIA, chemically induced/ LIVER, drug effects/ *LIVER NEOPLASMS, chemically induced/ MALE/ *METHYLCHOLANTHRENE/ NEOPLASMS, EXPERIMENTAL, chemically induced/ *NITROSAMINES/ ORGAN WEIGHT/ RATS/ *THIOCYANATES

4934. **Makovskaia GM:** Blizhaĭshie i otdalennye rezul'taty vnutrivennoĭ khimio-gormonoterapii u vpervye vyiavlennykh bol'nykh tuberkulezom legikh.
Vrach Delo 7:82-5, Jul 72 (Rus)
ADENOSINE TRIPHOSPHATE, administration & dosage/ ADENOSINE TRIPHOSPHATE, therapeutic use/ ADULT/ *ANTITUBERCULAR AGENTS, administration & dosage/ ANTITUBERCULAR AGENTS, therapeutic use/ CORTICOTROPIN, administration & dosage/ CORTICOTROPIN, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ ISONIAZID, administration & dosage/ ISONIAZID, therapeutic use/ MALE/ MIDDLE AGE/ STREPTOMYCIN, administration & dosage/ STREPTOMYCIN, therapeutic use/ *TUBERCULOSIS, PULMONARY,

drug therapy/ VITAMINS, administration & dosage/ VITAMINS, therapeutic use

4935. **Malagelada JR, Go VL, DiMagno EP, et al:** Interactions between intraluminal bile acids and digestive products on pancreatic and gallbladder function.
J Clin Invest 52:2160-5, Sep 73
ADULT/ *AMINO ACIDS, pharmacodynamics/ *BILE ACIDS AND SALTS, pharmacodynamics/ BILIRUBIN, analysis/ CHENODEOXYCHOLIC ACID, pharmacodynamics/ CHOLECYSTOKININ, administration & dosage/ DEOXYCHOLIC ACID, pharmacodynamics/ DUODENUM, drug effects/ GALLBLADDER, drug effects/ *GALLBLADDER, physiology/ *GLYCERIN, pharmacodynamics/ HUMAN/ INJECTIONS, INTRAVENOUS/ JEJUNUM, drug effects/ LIPASE, analysis/ MALE/ MIDDLE AGE/ MUSCLE CONTRACTION/ OLEIC ACID, pharmacodynamics/ PANCREAS, drug effects/ PANCREAS, enzymology/ *PANCREAS, secretion/ PANCREOZYMIN, administration & dosage/ PERFUSION/ TAUROCHOLIC ACID, pharmacodynamics/ TRYPSIN, analysis

4936. **Malagelada JR, Go VL, Summerskill WH:** Differing sensitivities of gallbladder and pancreas to cholecystokinin-pancreozymin (CCK-PZ) in man.
Gastroenterology 64:950-4, May 73
ADULT/ AGED/ BILE ACIDS AND SALTS, secretion/ BILIRUBIN, secretion/ CHOLECYSTECTOMY/ CHOLECYSTOKININ, administration & dosage/ CHOLECYSTOKININ, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DUODENUM/ FEMALE/ *GALLBLADDER, drug effects/ GALLBLADDER, secretion/ GLYCOLS, analysis/ HUMAN/ INTESTINAL SECRETIONS, analysis/ LIPASE, secretion/ MALE/ MIDDLE AGE/ *PANCREAS, drug effects/ PANCREAS, secretion/ PANCREOZYMIN, administration & dosage/ *PANCREOZYMIN, pharmacodynamics/ STIMULATION, CHEMICAL/ TRYPSIN, secretion

4937. **Malan E, Favero PA:** Indications et résultats de l'artériographie dans l'étude des malformations vasculaires. Phlebologie 25:183-8, Apr-Jun 72 (Fre)
*ANGIOGRAPHY/ ARM, blood supply/ *ARTERIOVENOUS MALFORMATIONS, radiography/ CEREBRAL ANEURYSM, radiography/ HAND, blood supply/ *HEMANGIOMA, radiography/ HUMAN

4938. **Malanowicz W, Tymińska K, Zambrowicz K:** Zaburzenia w krzepnięciu krwi i zmiany w obrazie białek w grypie o powikłanym przebiegu.
Pol Arch Med Wewn 50:441-7, May 73 (Pol)
ADULT/ AGED/ *BLOOD COAGULATION DISORDERS, etiology/ *BLOOD PROTEINS, metabolism/ DISEASE OUTBREAKS/ ENGLISH ABSTRACT/ HUMAN/ IMMUNOGLOBULINS, metabolism/ *INFLUENZA, complications/ MIDDLE AGE

4939. **Malathy K, Kurup PA:** Metabolism of glycosaminoglycans in alloxan diabetic rats. I. Changes in tissue glycosaminoglycans.
Diabetes 21:1162-7, Dec 72
*ALLOXAN DIABETES, metabolism/ ANIMAL EXPERIMENTS/ AORTA, metabolism/ CHOLESTEROL, metabolism/ CHONDROITIN, metabolism/ HEPARIN, metabolism/ HYALURONIC ACID, metabolism/ KIDNEY, metabolism/ MALE/ *MUCOPOLYSACCHARIDES, metabolism/ PHOSPHOLIPIDS, metabolism/ RATS/ RETINA, metabolism/ SKIN, metabolism/ SULFATES/ TIME FACTORS

4940. **Malchiodi C, Pouchè A, Papadia F:** L'eparina nel trattamento della pancreatite acuta sperimentale: studio istologico e microangiografico.
Ateneo Parmense [Acta Biomed] 42:343-57, Jul-Aug 71 (Ita)
ACUTE DISEASE/ ANGIOGRAPHY/ ANIMAL EXPERIMENTS/ DISEASE MODELS, ANIMAL/ DOGS/ ENGLISH ABSTRACT/ *HEPARIN, therapeutic use/ *PANCREATITIS, drug therapy/ PANCREATITIS, pathology/ PANCREATITIS, radiography/ STAINS AND STAINING

4941. **Maldonado JE, Kyle RA, McDuffie FC, et al:** Pathophysiology of the monoclonal gammopathies.
Postgrad Med 54:139-45 concl, Jul 73
*BLOOD PROTEIN DISORDERS/ BLOOD VISCOSITY/ *GAMMA GLOBULIN/ HEAVY CHAIN DISEASE, physiopathology/ HUMAN/ IGA/ IGD/ IGG/ *MACROGLOBULINEMIA, physiopathology/ *MULTIPLE MYELOMA, blood/ MULTIPLE MYELOMA, complications/ MULTIPLE MYELOMA, pathology

4942. **Malhotra OP:** Atypical prothrombin in purified preparations from dicoumarol-treated steers.
Life Sci [II] 11:901-7, 22 Sep 72
ADSORPTION/ ANTIGEN-ANTIBODY REACTIONS/ BARIUM SULFATE/ *BISHYDROXYCOUMARIN, pharmacodynamics/ CATTLE/ ELECTROPHORESIS, DISK/ IMMUNOELECTROPHORESIS/ PRECIPITIN TESTS/ PROTHROMBIN, analysis/ *PROTHROMBIN, isolation & purification

4943. **Malhotra OP:** Atypical prothrombins induced by dicoumarol.
Nature [New Biol] 239:59-60, 13 Sep 72
ANIMAL EXPERIMENTS/ *BISHYDROXYCOUMARIN, pharmacodynamics/ BLOOD COAGULATION TESTS/ CATTLE/ ELECTROPHORESIS/ GEL DIFFUSION TESTS/ IMMUNOASSAY/ PROTEIN CONFORMATION/ PROTHROMBIN, analysis/ *PROTHROMBIN, biosynthesis/ RABBITS, immunology

4944. **Malhotra SL:** In search of causes of ischaemic heart disease.
Br Heart J 35:17-23, Jan 73
ADULT/ AGE FACTORS/ BLOOD COAGULATION/ BLOOD PLATELETS/ CHOLESTEROL, blood/ DIETARY CARBOHYDRATES/ *DIETARY FATS/ EXERTION/ HUMAN/ LIPIDS, metabolism/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, blood/ *MYOCARDIAL INFARCT, etiology/ OCCUPATIONS/ PLATELET ADHESIVENESS/ SMOKING/ SOCIAL CLASS/ STATISTICS

4945. **Mališ F, Frič P, Štěpánková R, et al:** Trypsinová a chymotrypsinová aktivita střevního obsahu u bezmikrobních, monokontaminovaných a konvenčních králíků.
Cesk Gastroenterol Vyz 27:230-6, Jun 73 (Cze)
ANIMAL EXPERIMENTS/ *CHYMOTRYPSIN, metabolism/ ENGLISH ABSTRACT/ *GERM-FREE LIFE/ *INTESTINAL SECRETIONS, enzymology/ INTESTINES, metabolism/ RABBITS/ *TRYPSIN, metabolism

4946. **Mališ F, Frič P:** Enzymatická účinnost látek užívaných k pankreatické substituční léčbě--analýza in vitro.
Cesk Gastroenterol Vyz 27:89-97, Mar 73 (Cze)
*AMYLASE, therapeutic use/ *CHYMOTRYPSIN, therapeutic use/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ HUMAN/ IN VITRO/ *LIPASE, therapeutic use/ *PANCREATIC DISEASES, drug therapy/ *PANCREATIC EXTRACTS, therapeutic use/ THERAPEUTIC EQUIVALENCY/ *TRYPSIN, therapeutic use

4947. **Mališ F, Kasafírek E:** Studium proteolytických aktivi chymotrypsinového typu za použití syntetických substrátů derivátů metyl-a a etylesterů N-acyl-L-tyrosinu.
Sb Lek 74:302-7, Oct-Nov 72 (Cze)
*CHYMOTRYPSIN, metabolism/ ENGLISH ABSTRACT/ ESTERS/ GASTRIC MUCOSA, enzymology/ HUMAN/ INTESTINE, SMALL, enzymology/ MALE/ MIDDLE AGE/ PANCREATIC DISEASES, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TYROSINE

4948. **Mallarmé J:** Les thrombocythémies après splenectomie.
Chirurgie 99:45-9, 10 Jan 73 (Fre

ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *SPLENECTOMY, adverse effects/ THROMBOCYTOSIS, diagnosis/ THROMBOCYTOSIS, drug therapy/ *THROMBOCYTOSIS, etiology

4949. **Mallasch M, Hess H, Marshall M:** Ultrahistochemische Untersuchungen an Thrombocyten (Nachweis von biogenen Aminen.
Verh Dtsch Ges Inn Med 78:704-7, 1972 (Ger)
*BIOGENIC AMINES, blood/ *BLOOD PLATELETS, analysis/ DOPAMINE, blood/ EPINEPHRINE, blood/ HISTOCYTOCHEMISTRY/ HUMAN/ MICROSCOPY, ELECTRON/ NOREPINEPHRINE, blood/ SEROTONIN, blood

4950. **Mallet-Guy P, Mallet-Guy Y, Switalska C, et al:** Inhibiteur de protéinases et foie de choc. Etude expérimentale et ultrastructurale.
Bull Soc Int Chir 31:473-80, Sep-Oct 72 (Fre)
ANIMAL EXPERIMENTS/ BIOPSY/ DOGS/ ENGLISH ABSTRACT/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ LIVER, drug effects/ LIVER, pathology/ MICROSCOPY, ELECTRON/ *SHOCK, HEMORRHAGIC, drug therapy/ SHOCK, HEMORRHAGIC, pathology

4951. **Mallory PA, Travis J:** Human pancreatic enzymes. Characterization of anionic huyman trypsin.
Biochemistry 12:2847-51, 17 Jul 73
AMINO ACIDS, analysis/ AUTOANALYSIS/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, ION EXCHANGE/ DRUG STABILITY/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ HUMAN/ HYDROGEN-ION CONCENTRATION/ ISOENZYMES, analysis/ ISOENZYMES, isolation & purification/ MOLECULAR WEIGHT/ *PANCREAS, enzymology/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *TRYPSIN, analysis/ TRYPSIN, isolation & purification/ TRYPSIN INHIBITORS

4952. **Mallov S, Baesl TJ:** Effect of ethanol on rates of elimination and metabolism of zoxazolamine, hexobarbital and warfarin sodium in the rat.
Biochem Pharmacol 21:1667-78, 15 Jun 72
ALCOHOL, ETHYL, administration & dosage/ *ALCOHOL, ETHYL, pharmacodynamics/ ANIMAL EXPERIMENTS/ GLUCOSE, pharmacodynamics/ HEXOBARBITAL, blood/ *HEXOBARBITAL, metabolism/ KINETICS/ LIVER, analysis/ MALE/ MICROSOMES, LIVER, drug effects/ *MICROSOMES, LIVER, metabolism/ PROTEINS, analysis/ RATS/ TIME FACTORS/ TRICHLOROACETIC ACID/ WARFARIN, blood/ *WARFARIN, metabolism/ ZOXAZOLAMINE, blood/ *ZOXAZOLAMINE, metabolism

4953. **Mallucci L:** Cell response to surface stimulation.
Nature [New Biol] 240:60-1, 8 Nov 72
*CELL DIVISION, drug effects/ CELLS, metabolism/ CONTACT INHIBITION, drug effects/ CYCLOHEXIMIDE, pharmacodynamics/ DNA, biosynthesis/ KINETICS/ LEUCINE, metabolism/ STIMULATION, CHEMICAL/ *TRYPSIN, pharmacodynamics

4954. **Mallucci L, Wells V, Young MR:** Effect of trypsin on cell volume and mass.
Nature [New Biol] 239:53-5, 13 Sep 72
ANIMAL EXPERIMENTS/ CELL LINE/ CELL TRANSFORMATION, NEOPLASTIC/ *CELLS, drug effects/ DACTINOMYCIN, pharmacodynamics/ DNA, biosynthesis/ FIBROBLASTS/ LEUCINE, metabolism/ MICE/ MICE, INBRED C57BL/ NEOPLASMS, EXPERIMENTAL/ RNA, biosynthesis/ THYMIDINE, metabolism/ TRITIUM/ *TRYPSIN, pharmacodynamics

4955. **Malolepszy E, Malolepszy A:** Rola wątroby w metabolizme hormonów.
Wiad Lek 25:1679-84, 15 Sep 72 (Pol)
ADRENAL CORTEX HORMONES, metabolism/ CATECHOLAMINES, metabolism/ DIABETES MELLITUS, metabolism/ ESTROGENS, metabolism/ FEMALE/ *HORMONES, metabolism/ HUMAN/ INSULIN, metabolism/ KIDNEY, metabolism/ LIVER, enzymology/ LIVER, metabolism/ *LIVER, physiology/ LIVER DISEASES, metabolism/ MALE/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ REVIEW/ SEX FACTORS/ TESTOSTERONE, metabolism/ THYROID GLAND, metabolism

4956. **Mamo L, Clay C:** Scintigraphie orbitaire à l'ascorbate ferreux marqué au technetium 99 m. Intérêt dans le diagnostic des processus expansifs intr-orbitaires.
Nouv Presse Med 1:3107-10, 23 Dec 72 (Fre)
ANEURYSM, diagnosis/ ASCORBIC ACID, diagnostic use/ BONE CYST, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HEMANGIOMA, diagnosis/ HUMAN/ *IRON, diagnostic use/ LACRIMAL APPARATUS/ MENINGIOMA, diagnosis/ METHODS/ *ORBITAL NEOPLASMS, diagnosis/ *RADIOISOTOPE SCANNING/ *TECHNETIUM

4957. **Mamont P, Hershko A, Kram R, et al:** The pleiotypic response in mammalian cells: search for an intracellular mediator.
Biochem Biophys Res Commun 48:1378-84, 26 Sep 72
ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ BIOLOGICAL TRANSPORT/ CELL LINE/ *CELLS, metabolism/ CHROMATOGRAPHY, THIN LAYER/ CONTACT INHIBITION/ ESCHERICHIA COLI, metabolism/ FIBROBLASTS, microbiology/ GENES/ MACROMOLECULAR SYSTEMS/ MICE/ MICE, INBRED BALB C/ NUCLEOTIDES, isolation & purification/ NUCLEOTIDES, metabolism/ PHENOTYPE/ PHOSPHORUS ISOTOPES/ SV40 VIRUS/ TRYPSIN

4958. **Mancini AF, Mei V, Tamari R, et al:** Aspetti emocoagulativi in corso di alcune nefropatie dell'età infantile.
Minerva Pediatr 25:751-9, 12 May 73 (Ita)
ADOLESCENCE/ *BLOOD COAGULATION DISORDERS, etiology/ CHILD/ CHILD, PRESCHOOL/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ GLOMERULONEPHRITIS, complications/ HUMAN/ KIDNEY DISEASES, blood/ *KIDNEY DISEASES, complications/ KIDNEY FAILURE, CHRONIC, complications/ NEPHROSIS, complications

4959. **Mandel EE:** The fibrin-stabilizing factor. A decade of progress. Ann Clin Lab Sci 1:92-9, Jul-Aug 71 (71 ref.)
ADULT/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, analysis/ CHEMISTRY/ CHILD/ CRYSTALLIZATION/ *FACTOR XIII/ FACTOR XIII, isolation & purification/ *FACTOR XIII DEFICIENCY/ FACTOR XIII DEFICIENCY, complications/ FACTOR XIII DEFICIENCY, congenital/ FACTOR XIII DEFICIENCY, diagnosis/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ MOLECULAR WEIGHT/ PREGNANCY/ REVIEW

4960. **Mandel SR, Johnson G Jr:** Prevention and management of venous thrombosis and pulmonary embolism.
NC Med J 34:114-9, Feb 73 (43 ref.)
ANTICOAGULANTS, therapeutic use/ ASPIRIN, therapeutic use/ COUMARINS, therapeutic use/ DEXTRAN, therapeutic use/ DIPYRIDAMOLE, therapeutic use/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ MALE/ METHODS/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, etiology/ *PULMONARY EMBOLISM, prevention & control/ PULMONARY EMBOLISM, surgery/ REVIEW/ THROMBOEMBOLISM, etiology/ *THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, surgery

4961. **Mangurten HH, Honig GR:** Hemorrhagic disease due to vitamin K deficiency in a premature infant: a syndrome which may resemble disseminated intravascular coagulation (DIC).
Clin Pediatr (Phila) 12:372-5, Jun 73
ANTIBIOTICS, adverse effects/ BLOOD COAGULATION TESTS/ DIAGNOSIS, DIFFERENTIAL/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ FACTOR V, analysis/ FACTOR VIII, analysis/ FIBRINOGEN, analysis/ HEMORRHAGIC DISEASE OF NEWBORN, diagnosis/ HEMORRHAGIC DISEASE OF NEWBORN, drug therapy/ *HEMORRHAGIC DISEASE OF NEWBORN, etiology/ HEPARIN, adverse effects/ HUMAN/ INFANT, NEWBORN/ *INFANT, PREMATURE, DISEASES, etiology/ MALE/ PARENTERAL FEEDING, adverse effects/ PROTHROMBIN TIME/ THROMBOPLASTIN, physiology/ VITAMIN K, therapeutic use/ *VITAMIN K DEFICIENCY, complications/ VITAMIN K DEFICIENCY, etiology

4962. **Manios SG, Kanokoudi F, Miliaras-Vlachakis M:** Gangrene of lower extremities in a newborn infant associated with intravascular coagulation (recession of gangrene after heparin therapy).
Helv Paediatr Acta 27:187-92, Jun 72
BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ GANGRENE, drug therapy/ *GANGRENE, etiology/ HEPARIN, therapeutic use/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ MALE/ *TOES

4963. **Mann DL:** The effect of enzyme inhibitors on the solubilization of HL-A antigens with 3 M KCl.
Transplantation 14:398-401, Sep 72
*ACETAMIDES, pharmacodynamics/ CELL MEMBRANE, enzymology/ CELL MEMBRANE, immunology/ *HISTOCOMPATIBILITY ANTIGENS/ HUMAN/ LYMPHOID TISSUE/ METHODS/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *POTASSIUM CHLORIDE, pharmacodynamics/ SOLUBILITY

4964. **Mann KG, Yip R, Heldebrant CM, et al:** Multiple active forms of thrombin. 3. Polypeptide chain location of active site serine and carbohydrate.
J Biol Chem 248:1868-75, 10 Mar 73
AMMONIUM COMPOUNDS/ *ANTHRACENES/ BINDING SITES/ CARBOHYDRATES/ CATTLE/ ELECTROPHORESIS, DISK/ FLUORESCEINS/ FLUORESCENCE SPECTROMETRY/ GEL FILTRATION/ GUANIDINES/ ISOFLUROPHATE/ MACROMOLECULAR SYSTEMS/ MATHEMATICS/ MOLECULAR WEIGHT/ SERINE/ SODIUM DODECYL SULFATE/ STAINS AND STAINING/ *THROMBIN/ TRITIUM

4965. **Mannucci L, Dioguardi N, Del Ninno E, et al:** Value of Normotest and antithrombin 3 in the assessment of liver function.
Scand J Gastroenterol [Suppl] 19:103-7, 1973
*ANTITHROMBIN, blood/ BIOPSY/ *BLOOD COAGULATION TESTS/ CHRONIC DISEASE/ FEMALE/ HEPATITIS, blood/ HUMAN/ IMMUNE SERUMS/ IMMUNOASSAY/ INDICATORS AND REAGENTS/ LIVER, pathology/ LIVER CIRRHOSIS, blood/ *LIVER FUNCTION TESTS/ MALE/ METHODS/ RABBITS, immunology

4966. **Mannucci PM:** Methods for the preparation of washed platelet suspensions.
Adv Exp Med Biol 34:57-78, 1972 (68 ref.)
*BLOOD PLATELETS, physiology/ BLOOD TRANSFUSION/ CELL SEPARATION/ CENTRIFUGATION/ *DIAGNOSIS, LABORATORY/ METHODS/ REVIEW/ TEMPERATURE

4967. **Manny J, Merin G, Rozin RR, et al:** Ovarian hemorrhage complicating anticoagulant therapy.
Obstet Gynecol 41:512-4, Apr 73
ADOLESCENCE/ ADULT/ ANTICOAGULANTS, adverse effects/ FEMALE/ HEART SEPTAL DEFECTS, ATRIAL, surgery/ HEART SURGERY/ HEMODIALYSIS/ *HEMOPERITONEUM, chemically induced/ HEMOPERITONEUM, diagnosis/ HEMOPERITONEUM, surgery/ *HEMORRHAGE, chemically induced/ HEPARIN, therapeutic use/ HUMAN/ *OVARIAN CYSTS, complications/ OVARY, surgery/ RUPTURE/ WARFARIN, therapeutic use

4968. **Mansfield AO:** Alteration in fibrinolysis associated with surgery and venous thrombosis.
Br J Surg 59:754-7, Oct 72
BLOOD COAGULATION/ CIRCADIAN RHYTHM/ *FIBRINOLYSIS/ HUMAN/ INTESTINE, LARGE, surgery/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ *POSTOPERATIVE COMPLICATIONS/ PREANESTHETIC MEDICATION/ PROSTATECTOMY/ *SURGERY, OPERATIVE/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, etiology/ TIME FACTORS

4969. **Mansfield AO:** Management of ilio-femoral venous thrombosis. Proc R Soc Med 65:171, Feb 72
HUMAN/ STREPTOKINASE, therapeutic use/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, radiography/ THROMBOPHLEBITIS, surgery/ *THROMBOPHLEBITIS, therapy

4970. **Mansurov MM:** Deĭstvie alkaloida stakhidrina na svertyvaiushchuiu sistemu krovi.
Farmakol Toksikol 35:715-7, Nov-Dec 72 (Rus)
ADMINISTRATION, ORAL/ ALKALOIDS, administration & dosage/ *ALKALOIDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, drug effects/ DOGS/ ENGLISH ABSTRACT/ FIBRINOGEN, blood/ FIBRINOLYSIS, drug effects/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ *PLANTS, MEDICINAL/ PLATELET ADHESIVENESS, drug effects/ RABBITS/ RATS/ TIME FACTORS

4971. **Mant MJ, Faragher BS:** The haematology of anorexia nervosa. Br J Haematol 23:737-49, Dec 72
ADOLESCENCE/ ADULT/ AGRANULOCYTOSIS, etiology/ ANEMIA, etiology/ *ANOREXIA NERVOSA, blood/ ANOREXIA NERVOSA, complications/ BLOOD PLATELET DISORDERS, etiology/ BLOOD VOLUME/ BONE MARROW, analysis/ BONE MARROW CELLS/ BONE MARROW DISEASES, etiology/ FEMALE/ FOLIC ACID, analysis/ HEMATOPOIESIS/ HEMOLYSIS/ HUMAN/ IRON, analysis/ LYMPHOPENIA, etiology/ MUCOPOLYSACCHARIDES/ STARVATION, complications/ VITAMIN B 12, blood

4972. **Mant MJ, Hirsh J, Gauldie J, et al:** Von Willebrand's syndrome presenting as an acquired bleeding disorder in association with a monoclonal gammopathy. Blood 42:429-36, Sep 73
ADULT/ BLOOD COAGULATION TESTS/ *BLOOD PROTEIN DISORDERS, immunology/ BLOOD PROTEIN ELECTROPHORESIS/ CHROMATOGRAPHY/ EXERCISE TEST/ FACTOR VIII, administration & dosage/ FACTOR VIII, analysis/ GEL DIFFUSION TESTS/ HUMAN/ *IGG/ IMMUNOELECTROPHORESIS/ INJECTIONS, INTRAVENOUS/ MALE/ PASSIVE CUTANEOUS ANAPHYLAXIS/ PLATELET ADHESIVENESS/ VON WILLEBRAND'S DISEASE, familial & genetic/ *VON WILLEBRAND'S DISEASE, immunology

4973. **Mant MJ, Hirsh J, Pineo GF, et al:** Prolonged prothrombin time and partial thromboplastin time in disseminated intravascular coagulation not due to

deficiency of factors V and VIII.
Br J Haematol 24:725-34, Jun 73
*BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ *DISSEMINATED INTRAVASCULAR COAGULATION, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ FACTOR V DEFICIENCY, blood/ FACTOR VIII, analysis/ FIBRINOGEN, metabolism/ HEPARIN, therapeutic use/ HUMAN/ LIVER DISEASES, complications/ *PROTHROMBIN TIME/ *THROMBOPLASTIN/ VITAMIN K, therapeutic use/ VITAMIN K DEFICIENCY, complications

4974. **Mantovani M:** Platelet aggregation in rabbits. Effect of a mucopolysaccharide complex i.v. administered.
Arzneim Forsch 23:239-42, Feb 73
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD PRESERVATION/ INJECTIONS, INTRAVENOUS/ MALE/ MUCOPOLYSACCHARIDES, administration & dosage/ *MUCOPOLYSACCHARIDES, pharmacodynamics/ *PLATELET ADHESIVENESS, drug effects/ RABBITS/ TEMPERATURE

4975. **Manuilov EN, Tebloev IK, Shonila LI:** Nevrologicheskaia simptomatika pri iunosheskikh angiofibromakh osnovaniia cherepa.
Vestn Otorinolaringol 34:68-73, Jul-May 73 (Rus)
ADOLESCENCE/ ADULT/ *ANGIOMA, SCLEROSING, diagnosis/ CHILD/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *NEUROLOGIC MANIFESTATIONS/ *SKULL NEOPLASMS, diagnosis

4976. **Manz F:** Ergebnisse, Kasuistik und Diskussionen Streptasebehandlung bei frischen intrakraniellen Gefässverschlüssen? Diskussion zur Arbeit Dahlmann u. Mitarb.: Thrombolyse eines partiellen Verschlusses der A. cerebri media (diese Z. 43, 272-277 1972.
Nervenarzt 43:525, Oct 72 (Ger)
ADULT/ BRAIN, blood supply/ *CEREBRAL EMBOLISM AND THROMBOSIS, drug therapy/ CEREBRAL HEMORRHAGE, chemically induced/ ENCEPHALOMALACIA, complications/ HUMAN/ ISCHEMIA/ MALE/ STREPTOKINASE, adverse effects/ *STREPTOKINASE, therapeutic use

4977. **Maran M, Himelstein R, Dikstein S:** Vorticella--a model for chemopharmacodynamic action on smooth muscle.
Comp Gen Pharmacol 3:363-70, Sep 72
ADENOSINE, pharmacodynamics/ AMIDES, pharmacodynamics/ ANESTHETICS, LOCAL, pharmacodynamics/ ANIMAL EXPERIMENTS/ *CILIATA/ CULTURE MEDIA/ CYANIDES, pharmacodynamics/ FERRICYANIDES, pharmacodynamics/ LANTHANUM, pharmacodynamics/ LEAD, pharmacodynamics/ MODELS, BIOLOGICAL/ MUSCLE CONTRACTION, drug effects/ *MUSCLE, SMOOTH, drug effects/ NICOTINE, pharmacodynamics/ OXAZOLES, pharmacodynamics/ PAPAVERINE, pharmacodynamics/ PHENAZINES, pharmacodynamics/ POTASSIUM CHLORIDE, pharmacodynamics/ TETRAZOLIUM SALTS, pharmacodynamics/ TIME FACTORS/ VITAMIN K, pharmacodynamics

4978. **Marcel GA:** La thrombolyse.
Therapeutique 48:591-3, Nov 72 (Fre)
BLOOD TRANSFUSION/ HEPARIN, therapeutic use/ HUMAN/ PERFUSION/ STREPTOKINASE, administration & dosage/ STREPTOKINASE, adverse effects/ *STREPTOKINASE, therapeutic use/ THROMBOPHLEBITIS, drug therapy/ *THROMBOSIS, drug therapy

4979. **Marcel YL:** Determination of di-2-ethylhexyl phthalate levels in human blood plasma and cryoprecipitates.
Environ Health Perspect 3:119-21, Jan 73
*BLOOD PRESERVATION/ CHOLESTEROL, blood/ CHROMATOGRAPHY, GAS/ DRUG CONTAINERS AND CLOSURES/ *FACTOR VIII, analysis/ *PHTHALIC ACID, blood/ PLASTICS/ TRIGLYCERIDES, blood

4980. **Marcelli-Barge A, Poirier JC, Dausset J:** Allo-antigens and allo-antibodies of the Ko system, serological and genetic study.
Vox Sang 24:1-11, Jan 73
AGGLUTINATION TESTS/ ANTIGENIC DETERMINANTS/ *BLOOD GROUPS/ BLOOD PLATELETS, immunology/ BLOOD TRANSFUSION/ CAUCASIAN RACE/ CENTRIFUGATION, DENSITY GRADIENT/ ERYTHROCYTES, immunology/ GENE FREQUENCY/ GENES, DOMINANT/ HEMADSORPTION/ HISTOCOMPATIBILITY ANTIGENS/ HUMAN/ IGM/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ *ISOANTIBODIES/ *ISOANTIGENS/ LEUKOCYTES, immunology

4981. **Marcello B, Maifreni F, Porati U:** Alterazioni farmacologiche della colinesterasi e anestesia curarica.
Quad Sclavo Diagn 7:350-6, Mar 71 (Ita)
*ANESTHESIA/ CHOLINESTERASE, antagonists & inhibitors/ *CHOLINESTERASE, blood/ *CURARE-LIKE AGENTS, pharmacodynamics/ HUMAN/ INJECTIONS, INTRAVENOUS/ KALLIKREIN-TRYPSIN INACTIVATOR, administration & dosage/ NEURAL TRANSMISSION, drug effects

4982. **Marchesi VT, Jackson RL, Segrest JP, et al:** Molecular features of the major glycoprotein of the human erythrocyte membrane.
Fed Proc 32:1833-7, Aug 73
AMINO ACIDS, analysis/ ANTIGENS, analysis/ CARBOHYDRATES, analysis/ CELL MEMBRANE, analysis/ CELL MEMBRANE, metabolism/ CHEMISTRY/ CYANOGEN BROMIDE/ *ERYTHROCYTES, analysis/ FREEZE ETCHING/ *GLYCOPROTEINS, analysis/ GLYCOPROTEINS, isolation & purification/ GLYCOPROTEINS, metabolism/ HUMAN/ MICROSCOPY, ELECTRON/ PEPTIDES, analysis/ PLANT AGGLUTININS/ RECEPTORS, DRUG/ TRYPSIN

4983. **Marchette NJ, Halstead SB, Nash DR, et al:** Recovery of dengue viruses from tissues of experimentally infected rhesus monkeys.
Appl Microbiol 24:328-33, Sep 72
ANIMAL EXPERIMENTS/ CELL LINE/ COMPARATIVE STUDY/ *DENGUE, microbiology/ *DENGUE VIRUS, isolation & purification/ EVALUATION STUDIES/ FEMALE/ KIDNEY/ MACACA/ METHODS/ MONKEYS/ ORGAN SPECIFICITY/ PLAQUE ASSAY/ *TISSUE CULTURE/ TRYPSIN/ VIRUS CULTIVATION

4984. **Marchisio MA, Longo T, Ferruti P:** A selective de-heparinizer filter made of new cross-linked polymers of a poly-amido-amine structure.
Experientia 29:93-5, 1 May 73
ADSORPTION/ AMIDES/ AMINES/ ANIMAL EXPERIMENTS/ CHEMISTRY/ DOGS/ *FILTRATION, instrumentation/ HEART, MECHANICAL, instrumentation/ *HEPARIN, blood/ KIDNEY, ARTIFICIAL, instrumentation/ *POLYMERS

4985. **Marciniak E:** Factor-Xa inactivation by antithrombin. 3. Evidence for biological stabilization of factor Xa by factor V-phospholipid complex.
Br J Haematol 24:391-400, Mar 73
ANIMAL EXPERIMENTS/ *ANTITHROMBIN, physiology/ BLOOD COAGULATION/ CALCIUM, physiology/ CATTLE/ CEPHALINS, pharmacodynamics/ *FACTOR V, physiology/ *FACTOR X, antagonists & inhibitors/ HALF-LIFE/ IN VITRO/ KINETICS/ *PHOSPHOLIPIDS, physiology

4986. **Marcus AJ:** Perspective: heparin therapy for disseminated intravascular coagulation.
Am J Med Sci 264:365-6, Nov 72
DISSEMINATED INTRAVASCULAR COAGULATION, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ *DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FIBRINOLYSIS/ *HEPARIN, therapeutic use/ HUMAN

4987. **Marcus AJ:** Recent advances in platelet lipid metabolism research.
Ann NY Acad Sci 201:102-8, 27 Oct 72
BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ COENZYME A, blood/ FATTY ACID SYNTHETASE COMPLEX, blood/ FATTY ACIDS, metabolism/ GLYCERIN, metabolism/ HUMAN/ INOSITOL/ *LIPIDS, metabolism/ LYSOLECITHIN, metabolism/ PHOSPHOLIPIDS, biosynthesis/ PHOSPHORUS ISOTOPES/ TRITIUM

4988. **Marcy R:** Etude des effets de l'aprotinine administrée par voie para et intra articulaire. I. Etude expérimentale. Therapie 27:1021-30, Nov-Dec 72 (Fre)
ANIMAL EXPERIMENTS/ ANTI-INFLAMMATORY AGENTS, administration & dosage/ *ANTI-INFLAMMATORY AGENTS, therapeutic use/ CARRAGEENAN/ DIGITALIS GLYCOSIDES/ EDEMA, chemically induced/ *EDEMA, drug therapy/ INJECTIONS, INTRA-ARTICULAR/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ RATS/ TRYPSIN

4989. **Marcy R, Marçais H, Quermonne MA:** Influence de quelques drogues du domaine adrénergique sur l'oedème inflammatoire de la patte du rat. II. Action de l'éphédrine vis-à-vis de divers agents phlogogènes.
C R Soc Biol (Paris) 165:2098-101, Jun 71 (Fre)
ANIMAL EXPERIMENTS/ CARRAGEENAN/ DIGITALIS GLYCOSIDES/ DRUG ANTAGONISM/ EDEMA, chemically induced/ *EDEMA, drug therapy/ *EPHEDRINE, pharmacodynamics/ EXUDATES AND TRANSUDATES/ INFLAMMATION, chemically induced/ *INFLAMMATION, drug therapy/ RATS/ *SYMPATHOMIMETICS, pharmacodynamics/ TRYPSIN

4990. **Mardomingo Varela P, Cosme A, Muro J, et al:** Utilidad de la sonda-balón de Sengstaken-Blakemore. Estudio prospectivo.
Rev Esp Enferm Apar Dig 39:283-98, 1 Feb 73 (Spa)
ADULT/ AGED/ ENGLISH ABSTRACT/ *ESOPHAGEAL VARICES, therapy/ *HEMORRHAGE, GASTROINTESTINAL, therapy/ *HEMOSTASIS/ HEMOSTASIS, adverse effects/ HUMAN/ *INTUBATION, GASTROINTESTINAL/ INTUBATION, GASTROINTESTINAL, adverse effects/ METHODS/ MIDDLE AGE/ PROSPECTIVE STUDIES

4991. **Mareček Z, Jirsa M, Kořínek J:** The binding of protoporphyrin to serum proteins.
Clin Chim Acta 45:409-13, 30 May 73
AGAR/ BINDING SITES/ *CERULOPLASMIN/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS/ *FIBRINOGEN/ GEL FILTRATION/ *HEMEPROTEINS/ *IGG/ KINETICS/ OLEIC ACID/ *PORPHYRINS/ PROTEIN BINDING/ *SERUM ALBUMIN

4992. **Mareev EV, Zak IR, Kulakov VI, et al:** Izmeneniia biokhimicheskikh pokazatelelei u rodil'nits pri tromboflebitakh glubokikh ven nizhnikh konechnostei.
Akush Ginekol (Mosk) 49:61-3, Feb 73 (Rus)
BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION TESTS/ BLOOD PROTEIN DISORDERS, diagnosis/ BLOOD PROTEIN ELECTROPHORESIS/ FEMALE/ HUMAN/ *LEG, blood supply/ PREGNANCY/ *PUERPERAL DISORDERS, metabolism/ *THROMBOPHLEBITIS, metabolism

4993. **Margit K, Lászlo V, Mihály S:** Az Y chromatin kimutatása szövettani metszetekben.
Morphol Igazsagugyi Orv Sz 13:112-5, Apr 73 (Hun)
CELL NUCLEUS, analysis/ CYTOGENETICS/ ENGLISH ABSTRACT/ FEMALE/ FIBROBLASTS, analysis/ HUMAN/ MALE/ MICROSCOPY, FLUORESCENCE/ *SEX CHROMATIN, analysis/ *SEX CHROMOSOMES, analysis/ STAINS AND STAINING/ TRYPSIN

4994. **Margolis CZ, Orzalesi MM, Schwartz AD:** Disseminated intravascular coagulation in the respiratory distress syndrome. Am J Dis Child 125:324-6, Mar 73
AUTOPSY/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CEREBRAL HEMORRHAGE, pathology/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FACTOR V, analysis/ FACTOR VIII, analysis/ FIBRINOGEN, analysis/ HEMATOCRIT/ HUMAN/ HYALIN SUBSTANCE, pathology/ HYALINE MEMBRANE DISEASE, etiology/ INFANT, NEWBORN/ RESPIRATORY DISTRESS SYNDROME, blood/ *RESPIRATORY DISTRESS SYNDROME, etiology/ RESPIRATORY DISTRESS SYNDROME, pathology

4995. **Margolis MG:** Vitaminoterapiia v oftal'mologii.
Oftalmol Zh 27:624-30, 1972 (Rus)
ASCORBIC ACID, therapeutic use/ BIOFLAVONOIDS, therapeutic use/ DRUG SYNERGISM/ *EYE DISEASES, drug therapy/ FATTY ACIDS, ESSENTIAL, therapeutic use/ HUMAN/ NICOTINAMIDE, therapeutic use/ PANTOTHENIC ACID, therapeutic use/ PYRIDOXINE, therapeutic use/ REVIEW/ RIBOFLAVIN, therapeutic use/ THIAMINE, therapeutic use/ THIAMINE PYROPHOSPHATE, therapeutic use/ VITAMIN A, therapeutic use/ VITAMIN A DEFICIENCY/ VITAMIN B COMPLEX, therapeutic use/ VITAMIN B 12, therapeutic use/ VITAMIN B 12 DEFICIENCY/ VITAMIN D, therapeutic use/ VITAMIN E, therapeutic use/ VITAMIN K, therapeutic use/ *VITAMINS, therapeutic use

4996. **Marguerie G, Bion N, Suscillon M:** Détermination spectrophotométrique de taux de tyrosine et de tryptophane du fibrinogène bovin.
C R Acad Sci [D] (Paris) 275:603-6, 24 Jul 72 (Fre)
CATTLE/ *FIBRINOGEN, analysis/ GUANIDINES/ HYDROGEN-ION CONCENTRATION/ METHODS/ POTASSIUM CHLORIDE/ SPECTROPHOTOMETRY/ *TRYPTOPHAN, analysis/ *TYROSINE, analysis

4997. **Marguerie G, Suscillon M:** Effet de la force ionique sur la forme et les dimensions du fibrinogène.
C R Acad Sci [D] (Paris) 276:101-4, 3 Jan 73 (Fre)
BIOPHYSICS/ *FIBRINOGEN/ *PROTEIN CONFORMATION, drug effects/ *SODIUM CHLORIDE/ VISCOSITY

4998. **Mariak RT, Worowski K:** Wewnątrzkomórkowe peptydazy tkanek zwierzęcych.
Postepy Biochem 19:279-97, 1973 (Pol)
ANIMAL EXPERIMENTS/ BONE MARROW, enzymology/ CELL MEMBRANE PERMEABILITY/ *CELLS, enzymology/ CENTRIFUGATION/ HYDROGEN-ION CONCENTRATION/ KIDNEY, enzymology/ LIVER, enzymology/ *NOMENCLATURE/ PANCREAS, enzymology/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, classification/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ RATS/ SPLEEN, enzymology

4999. **Markley JL:** Nuclear magnetic resonance studies of trypsin inhibitors. Histidines of virgin and modified soybean trypsin inhibitor (Kunitz).
Biochemistry 12:2245-50, 5 Jun 73
DEUTERIUM/ ELECTROPHORESIS, DISK/ *HISTIDINE, analysis/ HYDROGEN-ION CONCENTRATION/ KINETICS/ NUCLEAR MAGNETIC RESONANCE/ *PLANT PROTEINS, analysis/ PROTEIN DENATURATION/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TIME FACTORS/ *TRYPSIN INHIBITORS, analysis

5000. **Markov KI, Lobutova MS, Ivanov VP, et al:** Transformation of staphylococci. Genetic transformation and state of competence in staphylococci.
J Hyg Epidemiol Microbiol Immunol (Praha) 17:89-94, 1973

AGAR/ CENTRIFUGATION, DENSITY GRADIENT/ CULTURE MEDIA/ *DNA, BACTERIAL/ DNA, BACTERIAL, analysis/ DNA, BACTERIAL, isolation & purification/ DRUG RESISTANCE, MICROBIAL/ ELECTROPHORESIS/ MOLECULAR WEIGHT/ MURAMIDASE/ PRECIPITATION/ *STAPHYLOCOCCUS/ STAPHYLOCOCCUS, analysis/ STAPHYLOCOCCUS, drug effects/ STREPTOMYCIN, pharmacodynamics/ *TRANSFORMATION, GENETIC/ TRANSFORMATION, GENETIC, drug effects/ TRYPSIN, pharmacodynamics

5001. **Markowitz H, Tschida AR:** Automated quantitative immunochemical analysis of human immunoglobulins.
Clin Chem 18:1364-7, Nov 72
AUTOANALYSIS/ CEREBROSPINAL FLUID PROTEINS, analysis/ CHEMISTRY, CLINICAL, instrumentation/ COMPARATIVE STUDY/ DENSITOMETRY/ GEL DIFFUSION TESTS/ HORSES, immunology/ HUMAN/ IGA, analysis/ IGG, analysis/ IGM, analysis/ *IMMUNOGLOBULINS, analysis/ IMMUNOGLOBULINS, cerebrospinal fluid/ METHODS/ MULTIPLE SCLEROSIS, cerebrospinal fluid/ MULTIPLE SCLEROSIS, immunology/ PRECIPITIN TESTS/ RABBITS, immunology/ TRYPSIN INHIBITORS, analysis

5002. **Marks N, Grynbaum A, Lajtha A:** Pentapeptide (pepstatin) inhibition of brain acid proteinase.
Science 181:949-51, 7 Sep 73
ACTINOMYCES, analysis/ AMIDOHYDROLASES, antagonists & inhibitors/ AMINOPEPTIDASES, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ *BRAIN, enzymology/ *CATHEPSIN, antagonists & inhibitors/ OLIGOPEPTIDES, isolation & purification/ *OLIGOPEPTIDES, pharmacodynamics/ PEPSIN, antagonists & inhibitors/ PEPTIDE HYDROLASES, antagonists & inhibitors/ RATS/ SWINE/ TRYPSIN, antagonists & inhibitors

5003. **Markussen J, Sundby F:** Isolation and amino-acid sequence of the C-peptide of duck proinsulin.
Eur J Biochem 34:401-8, 2 May 73
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ DUCKS/ EVOLUTION/ GEL FILTRATION/ HISTIDINE, analysis/ LEUCINE AMINOPEPTIDASE/ PANCREAS, analysis/ *PEPTIDES, analysis/ PHENYLALANINE, analysis/ *PROINSULIN, analysis/ TYROSINE, analysis

5004. **Markwardt F:** Natürliche und synthetische Thrombininhibitoren.
Folia Haematol (Leipz) 98:381-4, 1972 (Ger)
*ANTICOAGULANTS, chem synthesis/ ENZYME ACTIVATION/ HUMAN/ MACROGLOBULINS/ MOLECULAR WEIGHT/ *THROMBIN, antagonists & inhibitors/ THROMBIN, physiology

5005. **Markwardt F, Wagner G, Walsmann P, et al:** Inhibition of trypsin and thrombin by amidinophenyl esters of aromatic carboxylic acids.
Acta Biol Med Ger 28:k19-25, 1972
*ANTITHROMBIN/ *BENZOATES/ CHEMISTRY/ ESTERS/ *TRYPSIN INHIBITORS

5006. **Markwardt F, Walsmann P, Stürzebecher J, et al:** Synthetische Inhibitoren von Serinproteinasen. 1. Uber die Hemmung von Trypsin, Plasmin und Thrombin durch Ester der Amidino- und Guanidinobenzoesüre.
Pharmazie 28:326-30, May 73 (Ger)
ACYLATION/ AMIDINES/ *ANTIFIBRINOLYTIC AGENTS/ *BENZOATES/ CHEMISTRY/ ESTERS/ GUANIDINES/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ PHENOLS/ SERINE/ TIME FACTORS/ *TRYPSIN INHIBITORS

5007. **Marmo E, Matera A:** Experimentelle Beurteilung eines Antiphlogistikums.
Arzneim Forsch 23:846-51, Jun 73 (Ger)
ANIMAL EXPERIMENTS/ *ANTI-INFLAMMATORY AGENTS, TOPICAL, administration & dosage/ ANTI-INFLAMMATORY AGENTS, TOPICAL, therapeutic use/ BACKACHE, drug therapy/ BLOOD COAGULATION, drug effects/ BURSITIS, drug therapy/ DISEASE MODELS, ANIMAL/ DRUG COMBINATIONS/ EDEMA, drug therapy/ ENGLISH ABSTRACT/ FEVER, drug therapy/ *GLYCOLS, administration & dosage/ GLYCOLS, therapeutic use/ *HEPARINOID, administration & dosage/ HEPARINOID, therapeutic use/ *NICOTINIC ACID, administration & dosage/ NICOTINIC ACID, therapeutic use/ OINTMENTS/ PAIN, drug therapy/ RATS/ RHEUMATISM, drug therapy/ SYNOVITIS, drug therapy

5008. **Marotel-Schirmann J, Barbu E:** Protection par des sérums antibactériens des bactéries ayant fixé à leur surface des molécules de colicine.
C R Acad Sci [D] (Paris) 275:2563-6, 27 Nov 72 (Fre)
CELL WALL, immunology/ *COLICINS, pharmacodynamics/ *ESCHERICHIA COLI, drug effects/ ESCHERICHIA COLI, immunology/ *IMMUNE SERUMS/ *RECEPTORS, DRUG/ SURFACE PROPERTIES/ TEMPERATURE/ TIME FACTORS/ TRYPSIN

5009. **Marquié G, Agid R:** Effets protecteurs de la metformine (NN-diméthylbiguanide) sur l'hypothyroïdie et l'infiltration lipidique du cortex surrénal, induties par le régime cholestérolé chez le lapin.
Pathol Biol (Paris) 21:133-9, Feb 73 (Fre)
*ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ ANTIDEPRESSIVE AGENTS, pharmacodynamics/ *CHOLESTEROL, pharmacodynamics/ DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ *HYPOTHYROIDISM, prevention & control/ INSULIN, pharmacodynamics/ *LIPIDS, metabolism/ *METFORMIN, therapeutic use/ RABBITS/ SULFONYLUREA COMPOUNDS, pharmacodynamics/ *THYROID GLAND, drug effects/ THYROID GLAND, metabolism

5010. **Marquié G, Agid R:** Prévention par le diméthylbiguanide des altérations thyroïdiennes induites chez le lapin par un régime athérogène.
J Physiol (Paris) 65:Suppl:270A-271, Oct 72 (Fre)
ANIMAL EXPERIMENTS/ ARTERIOSCLEROSIS, complications/ CHOLESTEROL, antagonists & inhibitors/ *DIET, ATHEROGENIC/ HYPERCHOLESTEREMIA, complications/ HYPOTHYROIDISM, etiology/ HYPOTHYROIDISM, prevention & control/ *METFORMIN, pharmacodynamics/ RABBITS/ *THYROID GLAND, drug effects

5011. **Marquie G, Agid R:** Influence de la race sur la sensibilité du Lapin à l'athérome expérimental.
Experientia 28:1068-9, 15 Sep 72 (Fre)
ANIMAL EXPERIMENTS/ AORTA, analysis/ AORTA, pathology/ *ARTERIOSCLEROSIS/ ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, pathology/ CHOLESTEROL, analysis/ CHOLESTEROL, DIETARY/ DIET, ATHEROGENIC/ DOSE-RESPONSE RELATIONSHIP, DRUG/ MALE/ RABBITS/ *RABBITS/ SPECIES SPECIFICITY/ TIME FACTORS

5012. **Marriage K, Ekert H:** Congenital factor VII deficiency with cerebral haemorrhage treated with prothrombin concentrate.
Med J Aust 2:942-5, 21 Oct 72
AUTOPSY/ CASE REPORT/ *CEREBRAL HEMORRHAGE, drug therapy/ CEREBRAL HEMORRHAGE, pathology/ CHILD, PRESCHOOL/ FACTOR VII, therapeutic use/ FACTOR IX, therapeutic use/ FACTOR X, therapeutic use/ FEMALE/ HUMAN/ *HYPOPROCONVERTINEMIA, congenital/ HYPOPROCONVERTINEMIA, drug therapy/

HYPOPROCONVERTINEMIA, familial & genetic/ HYPOPROCONVERTINEMIA, pathology/ INFANT/ PEDIGREE/ *PROTHROMBIN, therapeutic use

5013. **Marriq C, Sciaky M, Giraud N, et al:** Amino-acid sequence of fragment 90-148 of human erythrocyte carbonic anhydrase B.
Nature [New Biol] 241:276-7, 28 Feb 73
AMINO ACID SEQUENCE/ CARBONIC ANHYDRASE, analysis/ *CARBONIC ANHYDRASE, blood/ CARBONIC ANHYDRASE, metabolism/ CYANOGEN BROMIDE, metabolism/ *ERYTHROCYTES, enzymology/ HUMAN/ ISOENZYMES, analysis/ TRYPSIN, metabolism/ X-RAY DIFFRACTION

5014. **Marsh NA, Arocha-Pinango CL:** Evaluation of the orginal fibrin plate method for estimating plasminogen activators. J Clin Pathol 25:623-4, Jul 72
CALCIUM CHLORIDE/ CATTLE/ ELECTROPHORESIS/ *FIBRIN/ FIBRINOLYTIC AGENTS, analysis/ HUMAN/ METHODS/ *PLASMINOGEN, analysis

5015. **Marsh NA, Arocha-Pinango CL:** Evaluation of the fibrin plate method for estimating plasminogen activators.
Thromb Diath Haemorrh 28:75-88, 31 Aug 72
ANALYSIS OF VARIANCE/ BLOOD COAGULATION/ CALCIUM CHLORIDE, pharmacodynamics/ CATTLE/ CYCLOHEXANECARBOXYLIC ACIDS, pharmacodynamics/ DEXTRAN, pharmacodynamics/ ENZYME ACTIVATION/ EVALUATION STUDIES/ FIBRIN/ FIBRINOGEN/ HUMAN/ METHODS/ METHYLAMINES, pharmacodynamics/ *PLASMINOGEN, analysis

5016. **Marshak RH, Lindner AE:** Polypoid lesions of the stomach. Semin Roentgenol 6:151-67, Apr 71
ADENOMA, radiography/ CARCINOID TUMOR, radiography/ CARCINOMA, radiography/ DIAGNOSIS, DIFFERENTIAL/ FIBROMA, radiography/ FOREIGN BODIES, radiography/ GASTRITIS, radiography/ GASTROSCOPY/ HEMANGIOMA, radiography/ HUMAN/ LEIOMYOMA, radiography/ LEIOMYOSARCOMA, radiography/ LIPOMA, radiography/ LYMPHOSARCOMA, radiography/ NEOPLASM METASTASIS/ NEOPLASMS, MULTIPLE PRIMARY, radiography/ NEUROFIBROMA, radiography/ POLYPS, diagnosis/ POLYPS, pathology/ *POLYPS, radiography/ POLYPS, surgery/ STOMACH DISEASES, radiography/ STOMACH NEOPLASMS, classification/ STOMACH NEOPLASMS, diagnosis/ STOMACH NEOPLASMS, pathology/ *STOMACH NEOPLASMS, radiography/ STOMACH NEOPLASMS, surgery/ STOMACH ULCER, radiography/ VARICOSE VEINS, radiography

5017. **Marshall AG, Schmidt PG, Sykes BD:** Effect of internal rotation on nuclear magnetic relaxation times for macromolecules. Biochemistry 11:3875-9, 10 Oct 72
*ASPARTATE CARBAMOYL TRANSFERASE/ BROMINE/ CHLORINE/ *CHYMOTRYPSIN/ DEUTERIUM/ MACROMOLECULAR SYSTEMS/ MALATES/ MATHEMATICS/ *NUCLEAR MAGNETIC RESONANCE/ VISCOSITY

5018. **Marsik FJ, Parisi JT:** Significance of Staphylococcus epidermidis in the clinical laboratory.
Appl Microbiol 25:11-4, Jan 73
ANTIBIOTICS, pharmacodynamics/ CLINDAMYCIN, pharmacodynamics/ DEOXYRIBONUCLEASE, biosynthesis/ *DRUG RESISTANCE, MICROBIAL/ HEMOLYSINS, biosynthesis/ HUMAN/ LIPASE, biosynthesis/ MICROBIAL SENSITIVITY TESTS/ PEPTIDE HYDROLASES, biosynthesis/ PHOSPHATASES, biosynthesis/ STAPHYLOCOCCAL INFECTIONS, microbiology/ STAPHYLOCOCCUS, classification/ *STAPHYLOCOCCUS, drug effects/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, isolation & purification/ STAPHYLOCOCCUS, metabolism/ STAPHYLOCOCCUS, pathogenicity/ VARIATION (GENETICS)/ VIRULENCE

5019. **Martel A:** Coagulation investigations in patients bleeding after tooth extraction.
Sven Tandlak Tidskr 64:795-800, Nov 71
BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ CHRISTMAS DISEASE, diagnosis/ HEMOPHILIA, diagnosis/ *HEMORRHAGE, ORAL, etiology/ *HEMORRHAGIC DIATHESIS, diagnosis/ HUMAN/ LEUKEMIA, LYMPHOCYTIC, diagnosis/ LEUKEMIA, MYELOCYTIC, diagnosis/ THROMBOPENIA, diagnosis/ TIME FACTORS/ *TOOTH EXTRACTION, adverse effects

5020. **Martin CJ, Oza NB, Marini MA:** Formaldehyde as an active site label of -chymotrypsin.
Can J Biochem 50:1114-21, Oct 72
ACETIC ACIDS/ BINDING, COMPETITIVE/ BINDING SITES/ CATALYSIS/ CHEMISTRY/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, antagonists & inhibitors/ ESTERS/ *FORMALDEHYDE/ HISTIDINE/ IMIDAZOLES/ KINETICS/ MATHEMATICS/ NITROBENZENES/ OSMOLAR CONCENTRATION/ SPECTROPHOTOMETRY/ TYROSINE

5021. **Martin CJ, Sugihara T:** Simulation of tissue properties in irreversible diffuse obstructive pulmonary syndromes. Enzyme digestion.
J Clin Invest 52:1918-24, Aug 73
AGING/ ANIMAL EXPERIMENTS/ CATS/ CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ ELASTICITY/ HYALURONIDASE, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ *LUNG COMPLIANCE/ *LUNG DISEASES, OBSTRUCTIVE, physiopathology/ METHODS/ MODELS, BIOLOGICAL/ PANCREATOPEPTIDASE, pharmacodynamics/ PULMONARY ALVEOLI, drug effects/ *PULMONARY ALVEOLI, physiopathology/ TIME FACTORS/ TRYPSIN, pharmacodynamics

5022. **Martin JJ, Navarro C, Roussel JM, et al:** Familial capillaro-venous leptomeningeal angiomatosis.
Eur Neurol 9:202-15, 1973
ADOLESCENCE/ ADULT/ ANGIOMATOSIS, complications/ *ANGIOMATOSIS, familial & genetic/ ANGIOMATOSIS, pathology/ APHASIA, etiology/ BRAIN NEOPLASMS, complications/ *BRAIN NEOPLASMS, familial & genetic/ BRAIN NEOPLASMS, pathology/ *CAPILLARIES/ *CAVERNOUS SINUS/ CEREBELLUM, pathology/ CEREBRAL ANGIOGRAPHY/ CEREBRAL ANOXIA, etiology/ CEREBRAL CORTEX, pathology/ DEMENTIA, PRESENILE, etiology/ DIENCEPHALON, pathology/ ELECTROENCEPHALOGRAPHY/ EPILEPSY, etiology/ FEMALE/ GANGLIA, BASAL, pathology/ GLIOSIS, pathology/ HUMAN/ MALE/ *MENINGES, blood supply/ MIGRAINE, etiology/ PEDIGREE/ SYNDROME

5023. **Martin KJ:** Decompression sickness. Observations on haematological and biochemical parameters.
J Clin Pathol 25:1004-5, Nov 72
ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BLOOD COAGULATION FACTORS/ BLOOD PLATELETS/ CREATINE KINASE, blood/ *DECOMPRESSION SICKNESS, blood/ FATTY ACIDS, NONESTERIFIED, blood/ HUMAN/ LIPIDS, blood

5024. **Martin KJ, Gray SP, Nichols G:** Effect of a short simulated dive on selected blood constituents in man.
Aerosp Med 44:516-22, May 73
*ALKALINE PHOSPHATASE, blood/ *ASPARTATE AMINOTRANSFERASE, blood/ BLOOD CHEMICAL ANALYSIS/ *CREATINE KINASE, blood/ *DIVING, adverse effects/ *FATTY ACIDS, NONESTERIFIED, blood/ *FIBRINOGEN, analysis/ HUMAN/ *HYDROCORTISONE, blood/ MALE/ PSYCHOPHYSIOLOGIC DISORDERS/ SERUM

GLOBULINS, analysis/ SUBMARINE MEDICINE

5025. **Martin L:** Subcutaneous heparin to prevent venous thrombosis. N Engl J Med 288:1245, 7 Jun 73
*HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ LEG, blood supply/ *THROMBOPHLEBITIS, prevention & control

5026. **Martin M:** Die Reaktionskinetik der Aktivatorbildung bei Streptokinase-induzierter Fibrinolyse. Verh Dtsch Ges Inn Med 78:717-9, 1972 (Ger)
BLOOD COAGULATION FACTORS, biosynthesis/ *FIBRINOLYSIS/ HUMAN/ *PLASMINOGEN/ *STREPTOKINASE

5027. **Martin N, Warner NL, Roeder PE, et al:** Affinity labeling of a mouse IgG2a myeloma protein with binding affinity for nitrophenyl ligands. Biochemistry 11:4999-5005, 19 Dec 72
AMINOCAPROIC ACID/ ANIMAL EXPERIMENTS/ AZO COMPOUNDS/ BINDING SITES, ANTIBODY/ BORIC ACIDS/ DIALYSIS/ DIAZONIUM COMPOUNDS/ FLUORINE/ HAPTENS/ HEMOCYANIN/ *IGG/ IMMUNOGLOBULIN FRAGMENTS/ MICE/ MICE, immunology/ MICE, INBRED NZB/ MULTIPLE MYELOMA, blood/ *MYELOMA PROTEINS/ *NITROBENZENES/ PEPTIDES/ PRONASE/ PROTEIN BINDING/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRITIUM/ TYROSINE

5028. **Martin W, Tilsner V:** Potentiation of hypercoagulability by insulin. Lancet 1:380-1, 17 Feb 73
AGED/ *BLOOD COAGULATION DISORDERS, chemically induced/ FEMALE/ HUMAN/ *INSULIN, adverse effects/ INSULIN, pharmacodynamics/ MALE/ PLATELET ADHESIVENESS, drug effects

5029. **Martin WE, Cheung PW, Johnson CC, et al:** Continuous monitoring of mixed venous oxygen saturation in man. Anesth Analg (Cleve) 52:784-93, Sep-Oct 73
ANIMAL EXPERIMENTS/ AORTIC VALVE, surgery/ AORTOCORONARY BYPASS/ CARBOXYHEMOGLOBIN/ CARDIOVASCULAR SYSTEM, physiopathology/ CATHETERIZATION/ DOGS/ FEMALE/ FIBER OPTICS/ FIBRIN/ HEART VALVE PROSTHESIS/ HUMAN/ MALE/ MIDDLE AGE/ MITRAL VALVE, surgery/ *MONITORING SYSTEMS/ MONITORING SYSTEMS, standards/ *OXIMETRY/ OXIMETRY, instrumentation/ SHIVERING/ TIME FACTORS/ *VEINS

5030. **Martinek K, Dorovska VN, Varfolomeev SD:** Stericheskie, induktsionnye i spetsificheskie éffekty pri deatsilirovanii atsil--khimotripsinov--proizvodnykh alifaticheskikh karbonovykh kislot. Biokhimiia 37:1245-50, Nov-Dec 72 (Rus)
CARBOXYLIC ACIDS/ *CHYMOTRYPSIN/ ENGLISH ABSTRACT/ KINETICS

5031. **Martinek K, Varfolomeev SD, Levashov AV, et al:** Kinetic manifestations of the structure of the active center of -chymotrypsin on interacting with fragments of specific substrates. Mol Biol 5:278-86, May-Jun 71
ACRIDINES, pharmacodynamics/ AMINES, pharmacodynamics/ ANILINE COMPOUNDS, pharmacodynamics/ *BINDING SITES, drug effects/ *CHYMOTRYPSIN, metabolism/ CINNAMATES, metabolism/ CINNAMATES, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ESTERS, metabolism/ GLYCINE, antagonists & inhibitors/ GLYCINE, metabolism/ HYDROLYSIS/ KINETICS/ NAPHTHALENES, pharmacodynamics/ PHENOLS, pharmacodynamics/ PROPIONATES, metabolism/ PROTEIN BINDING, drug effects/ TRYPTOPHAN, pharmacodynamics/ TYROSINE, metabolism

5032. **Martinek K, Yatsimirskii AK, Berezin IV:** Effect of ionic strength of the steady-state kinetics of -chymotrypsin-catalyzed reactions. Mol Biol 5:77-88, Jan-Feb 71
ACETIC ACIDS, metabolism/ ACYLATION/ AMMONIUM COMPOUNDS, pharmacodynamics/ BENZOATES, metabolism/ BINDING SITES/ *CHYMOTRYPSIN, metabolism/ CINNAMATES, metabolism/ ESTERS, metabolism/ GLYCINE, metabolism/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ KINETICS/ NITRATES, pharmacodynamics/ POTASSIUM, pharmacodynamics/ POTASSIUM CHLORIDE, pharmacodynamics/ *PROTEIN BINDING, drug effects/ SALTS, pharmacodynamics/ SODIUM, pharmacodynamics/ SODIUM CHLORIDE, pharmacodynamics/ SULFATES, pharmacodynamics/ TYROSINE, metabolism

5033. **Martinez J, Shapiro SS, Holburn RR, et al:** Hypofibrinogenemia associated with hemangioma of the liver. Am J Clin Pathol 60:192-7, Aug 73
ADULT/ *AFIBRINOGENEMIA, etiology/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ DIAGNOSIS, DIFFERENTIAL/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ ERYTHROCYTES, metabolism/ FACTOR V, analysis/ FACTOR VIII, analysis/ FIBRINOGEN, metabolism/ FIBRINOLYSIS/ *HEMANGIOMA, blood/ HEMANGIOMA, complications/ HUMAN/ IODINE ISOTOPES/ *LIVER NEOPLASMS, blood/ LIVER NEOPLASMS, complications/ MALE/ PROTHROMBIN, isolation & purification/ PROTHROMBIN, metabolism/ THROMBIN, metabolism

5034. **Martinez J, Shapiro SS, Holburn RR:** Metabolism of human prothrombin and fibrinogen in patients with thrombocytosis secondary to myeloproliferative states. Blood 42:35-46, Jul 73
ADOLESCENCE/ ADULT/ AGED/ ALKALINE PHOSPHATASE, blood/ BLOOD CELL COUNT/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ BUSULFAN, therapeutic use/ *FIBRINOGEN, metabolism/ HEMATOCRIT/ HEMORRHAGIC THROMBOCYTHEMIA, complications/ HUMAN/ IODINE ISOTOPES/ LEUKOCYTES, enzymology/ MIDDLE AGE/ MYELOID METAPLASIA, complications/ *MYELOPROLIFERATIVE DISORDERS, complications/ POLYCYTHEMIA VERA, complications/ *PROTHROMBIN, metabolism/ SPLENOMEGALY, etiology/ THROMBOCYTOSIS, drug therapy/ THROMBOCYTOSIS, etiology/ *THROMBOCYTOSIS, metabolism

5035. **Martínez Díez M, Díaz Aguirregoitia J, Azcona Elizalde JM, et al:** Hematomas espontáneos de los rectos abdominales. Rev Esp Enferm Apar Dig 38:601-16, 1 Nov 72 (Spa)
*ABDOMINAL WALL/ ADULT/ FEMALE/ *HEMATOMA/ HUMAN/ MIDDLE AGE/ *MUSCULAR DISEASES

5036. **Martini H:** Neue Begriffe der Entzündung. Med Klin 68:697-700, 25 May 73 (Ger)
*CAPILLARY PERMEABILITY/ *CELL MEMBRANE PERMEABILITY/ CHEMOTAXIS/ COLLAGEN/ COMPLEMENT/ ENGLISH ABSTRACT/ FIBRINOLYSIN, metabolism/ INFLAMMATION, enzymology/ INFLAMMATION, immunology/ *INFLAMMATION, physiopathology/ PEPTIDE HYDROLASES, metabolism

5037. **Martis C, Karakasis D:** Central hemangioma of the mandible: report of case. J Oral Surg 31:613-6, Aug 73
AGED/ CASE REPORT/ *HEMANGIOMA, CAVERNOUS/ HUMAN/ MALE/ *MANDIBULAR NEOPLASMS

5038. **Marx JL:** Phthalic acid esters: biological impact uncertain. Science 178:46-7, 6 Oct 72
ABNORMALITIES, DRUG-INDUCED/ AIR POLLUTION, analysis/ ANIMAL

EXPERIMENTS/ BLOOD PRESERVATION/ BLOOD TRANSFUSION/ CHICK EMBRYO/ CRUSTACEA, drug effects/ DISPOSABLE EQUIPMENT/ DOGS/ EMBRYO, drug effects/ ESTERS/ FISHES/ GUINEA PIGS/ HUMAN/ LIPIDS, metabolism/ *PHTHALIC ACID, adverse effects/ PHTHALIC ACID, analysis/ PHTHALIC ACID, metabolism/ PHTHALIC ACID, toxicity/ RABBITS/ RATS/ WATER POLLUTION, CHEMICAL, analysis

5039. **Marx R:** Entstehung und Verhinderung von Embolien.
Med Klin 68:1019, 27 Jul 73 (Ger)
AGE FACTORS/ *ANTICOAGULANTS, therapeutic use/ CLIMATE/ EMBOLISM, etiology/ *EMBOLISM, prevention & control/ HUMAN/ THROMBOSIS, complications

5040. **Marx R, Lechner K:** Zur Prognose der Hämophilien.
Lebensversicherungsmedizin 25:59-65, May 73 (Ger)
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ AUSTRIA/ CHILD/ CHILD, PRESCHOOL/ *HEMOPHILIA, diagnosis/ HEMOPHILIA, mortality/ HUMAN/ INFANT/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ PROGNOSIS/ PROSPECTIVE STUDIES/ RETROSPECTIVE STUDIES

5041. **Marzluff WF Jr, Miller DM, McCarty KS:** Occurrence of epsilon-N-Acetyllysine in calf thymus histone F2b.
Arch Biochem Biophys 152:472-4, Oct 72
ACETATES, metabolism/ ACETIC ACIDS, analysis/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CELL NUCLEUS, metabolism/ CHROMATOGRAPHY, PAPER/ CYANOGEN BROMIDE/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ *HISTONES, analysis/ HISTONES, metabolism/ *LYSINE, analysis/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PRONASE/ PROTEIN BINDING/ THERMOLYSIN/ *THYMUS GLAND, analysis/ THYMUS GLAND, cytology/ THYMUS GLAND, metabolism/ TRYPSIN/ UREA

5042. **Masaki M:** [Consumption coagulopathy observed mainly in obstetrics]
Jap J Clin Hematol 13:195-7, Apr 72 (Jap)
BLOOD PLATELETS/ *DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ FACTOR V, analysis/ FACTOR VIII, analysis/ FEMALE/ FIBRINOGEN, analysis/ HUMAN/ PLASMINOGEN, analysis/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PROTHROMBIN, analysis

5043. **Masera G, Piceni Sereni L, Perletti L, et al:** Influence of nutritional factors on plasma concentration of factor II and factors VII-X and on the rate of synthesis of serum albumin in newborn rabbits.
Biol Neonate 20:436-47, 1972
AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *BLOOD COAGULATION FACTORS, analysis/ CARBON ISOTOPES/ DACTINOMYCIN, pharmacodynamics/ FACTOR VII, analysis/ FACTOR X, analysis/ HALF-LIFE/ LEUCINE, administration & dosage/ LEUCINE, metabolism/ LIVER, metabolism/ LIVER, physiology/ NAPHTHOQUINONES, administration & dosage/ NAPHTHOQUINONES, pharmacodynamics/ *NUTRITION/ PROTEINS, biosynthesis/ PUROMYCIN, pharmacodynamics/ RABBITS/ *SERUM ALBUMIN, biosynthesis/ STARVATION/ VITAMIN K, antagonists & inhibitors/ VITAMIN K, pharmacodynamics

5044. **Mashford ML, Roberts ML:** Determination of blood kinin levels by radioimmunoassay.
Biochem Pharmacol 21:2727-35, 15 Oct 72
ADOLESCENCE/ ADULT/ ANIMAL EXPERIMENTS/ BRADYKININ, blood/ CARBON ISOTOPES/ CARBOXYPEPTIDASES, pharmacodynamics/ CHYMOTRYPSIN, pharmacodynamics/ DOGS/ FEMALE/ HUMAN/ *KININS, blood/ MALE/ MIDDLE AGE/ RABBITS, immunology/ RADIOIMMUNOASSAY/ TRYPSIN, pharmacodynamics

5045. **Masini G, Gherardi C, Dianda R:** La conduzione atrio-ventricolare ed intraventricolare dopo omministrazione di acido trimetossi-benzoil--aminicaproico nell'uomo.
Cardiol Prat 24:73-8, 1973 (Ita)
*AMINOCAPROIC ACID, pharmacodynamics/ *ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ BENZOATES, pharmacodynamics/ CARDIAC OUTPUT, drug effects/ CORONARY DISEASE, complications/ ELECTRIC STIMULATION/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HEART BLOCK, diagnosis/ HEART CATHETERIZATION/ *HEART CONDUCTION SYSTEM, drug effects/ HUMAN/ MALE/ MIDDLE AGE

5046. **Maslowski W:** Liczba krwinek płytkowych w krwi obwodowej w przebiegu wirusowego zapalnia wątroby.
Wiad Lek 26:590-4, 1 Apr 73 (Pol)
ADOLESCENCE/ ADULT/ AGED/ *BLOOD CELL COUNT/ *BLOOD PLATELETS/ ENGLISH ABSTRACT/ FEMALE/ *HEPATITIS, INFECTIOUS, blood/ HUMAN/ MALE/ MIDDLE AGE

5047. **Mason B:** The profile of vascular permeability factors in dilute guinea-pig plasma.
Br J Exp Pathol 53:597-607, Dec 72
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ *CAPILLARY PERMEABILITY, drug effects/ ESTRUS/ GLASS/ GUINEA PIGS/ IN VITRO/ KININS, isolation & purification/ *KININS, pharmacodynamics/ *PEPTIDE PEPTIDOHYDROLASES, pharmacodynamics/ PLASMA/ UTERUS, drug effects

5048. **Mason B:** Permeability factor and kininogenase in guinea-pig serum fractions.
Br J Exp Pathol 53:427-34, Aug 72
ALPHA GLOBULIN, analysis/ ANIMAL EXPERIMENTS/ BETA GLOBULIN, analysis/ BIOLOGICAL ASSAY/ BLOOD PRESSURE, drug effects/ *CAPILLARY PERMEABILITY, drug effects/ CARBOXYPEPTIDASES, blood/ DYES/ ETHYL ETHER/ GUINEA PIGS/ HEAT/ ILEUM/ *KALLIKREIN, blood/ KININOGENS/ KININS/ KININS, analysis/ *PEPTIDE PEPTIDOHYDROLASES, blood/ PERMEABILITY GLOBULINS, analysis/ PERMEABILITY GLOBULINS, antagonists & inhibitors/ *SERUM GLOBULINS, analysis/ SKIN, blood supply/ WATER

5049. **Mason RG:** The interaction of blood hemostitic elements with aritificial surfaces.
Prog Hemostasis Thromb 1:141-64, 1972 (166 ref.)
ACETATES/ ACRYLATES/ ADSORPTION/ ANIMAL EXPERIMENTS/ ANTICOAGULANTS/ *BLOOD CELLS/ BLOOD COAGULATION TESTS/ *BLOOD VESSEL PROSTHESIS/ DEXTRAN/ FACTOR XII/ GLASS/ HEART VALVES, transplantation/ HEAT/ HEPARIN, pharmacodynamics/ HISTOCOMPATIBILITY/ HUMAN/ MICROSCOPY, ELECTRON/ MICROSCOPY, ELECTRON, SCANNING/ PLATELET ADHESIVENESS/ POLYETHYLENE TEREPHTHALATE/ POLYMERS/ REVIEW/ SILICONES/ *SURFACE PROPERTIES/ *THROMBOSIS, prevention & control/ TRANSPLANTATION, AUTOLOGOUS/ TRANSPLANTATION, HETEROLOGOUS/ TRANSPLANTATION, HOMOLOGOUS/ VEINS, transplantation

5050. **Mason RG, Shermer RW, Rodman NF:** Reactions of blood with nonbiologic surfaces. Ultrastructural and clotting studies with normal and coagulation factor deficient bloods.
Am J Pathol 69:271-88, Nov 72
ADULT/ AFIBRINOGENEMIA, blood/ BLOOD/ *BLOOD COAGULATION/ *BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION TESTS, instrumentation/ CHRISTMAS DISEASE, blood/ FACTOR VIII/ FACTOR XII/ GLASS/ HUMAN/ MALE/ MICROSCOPY, ELECTRON, SCANNING/

PLATELET ADHESIVENESS/ POLYTETRAFLUOROETHYLENE/ SILICONES/ SURFACE PROPERTIES

5051. **Mass B, Ikeda T, Meranze DR, et al:** Induction of experimental emphysema. Cellular and species specificity. Am Rev Respir Dis 106:384-91, Sep 72
AEROSOLS/ ANIMAL EXPERIMENTS/ AUTOPSY/ CASEIN/ DOGS/ HEMOGLOBIN/ HISTONES/ HUMAN/ LEUKOCYTES, enzymology/ *LEUKOCYTES, metabolism/ LUNG, pathology/ MACROPHAGES, enzymology/ *MACROPHAGES, metabolism/ PEPTIDE HYDROLASES, analysis/ *PULMONARY EMPHYSEMA, etiology/ PULMONARY EMPHYSEMA, pathology/ RABBITS/ SPECIES SPECIFICITY

5052. **Massmann J, Helbig W:** Morphologische und biochemische Untersuchungen zur unterschiedlichen Ausbildung der cholesterininduzierten Aorta und Koronararterien-Atherosklerose beim Kaninchen. Exp Pathol (Jena) 7:60-70, 1972 (Ger)
ANIMAL EXPERIMENTS/ *AORTA, pathology/ ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, etiology/ *ARTERIOSCLEROSIS, pathology/ CHOLESTEROL, blood/ CHOLESTEROL, DIETARY/ *CORONARY VESSELS, pathology/ DIET, ATHEROGENIC/ DISEASE MODELS, ANIMAL/ ENGLISH ABSTRACT/ HISTOCYTOCHEMISTRY/ HISTOLOGICAL TECHNICS/ RABBITS

5053. **Masson A, Wüthrich K:** Proton magnetic resonance investigation of the conformational properties of the basic pancreatic trypsin inhibitor. FEBS Lett 31:114-8, 1 Apr 73
DRUG STABILITY/ MOLECULAR CONFORMATION/ NUCLEAR MAGNETIC RESONANCE/ *PANCREAS, metabolism/ SPECTRUM ANALYSIS/ TEMPERATURE/ *TRYPSIN INHIBITORS

5054. **Massouras HG:** Intrauterine adhesions: a syndrome of the past with the use of the Massouras duck's foot No. 2 intrauterine contraceptive device. Am J Obstet Gynecol 116:576-8, 15 Jun 73
ADHESIONS/ CURETTAGE/ FEMALE/ HUMAN/ *INTRAUTERINE DEVICES/ INTRAUTERINE DEVICES, adverse effects/ *MENSTRUATION DISORDERS, therapy/ PREGNANCY/ STERILITY, FEMALE, therapy/ SYNDROME/ *UTERINE DISEASES, therapy/ UTERUS, injuries

5055. **Masugi Y, Sugisaki Y, Hatanaka Y, et al:** [Existence of glomerulus-bound anti-renal basement membrane IgG in human chronic glomerulonephritic kidneys] Jap J Nephrol 14:341-55, Sep 72 (Jap)
ANIMAL EXPERIMENTS/ ANTIGENS/ AUTOIMMUNE DISEASES/ BASEMENT MEMBRANE, immunology/ ENGLISH ABSTRACT/ FIBRINOGEN, analysis/ FLUORESCENT ANTIBODY TECHNIC/ GLOMERULONEPHRITIS, etiology/ *GLOMERULONEPHRITIS, immunology/ HUMAN/ *IGG, analysis/ IMMUNOELECTROPHORESIS/ *KIDNEY GLOMERULUS, immunology/ RABBITS/ RABBITS, immunology/ RATS

5056. **Maszkiewicz W:** Zakażenia noworodków wywołane gronkowcami białymi koagulazo-ujemnymi. Wiad Lek 25:2117-21, 1 Dec 72 (Pol)
APGAR SCORE/ BIRTH WEIGHT/ COAGULASE/ CROSS INFECTION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ MALE/ MATERNAL-FETAL EXCHANGE/ PREGNANCY/ *STAPHYLOCOCCAL INFECTIONS/ *STAPHYLOCOCCUS, isolation & purification

5057. **Matheis H:** Amiodarone-Pigmentierung. Dermatologica 145:304-18, 1972 (Ger)
AGED/ ANTICOAGULANTS, therapeutic use/ BENZOFURANS, administration & dosage/ *BENZOFURANS, adverse effects/ BIOPSY/ COUMARINS, therapeutic use/ CYTOPLASMIC GRANULES, drug effects/ ENGLISH ABSTRACT/ FEMALE/ HISTIOCYTES, drug effects/ HUMAN/ IODINE, administration & dosage/ IODINE, adverse effects/ LIPIDS/ LYSOSOMES, drug effects/ MYOCARDIAL INFARCT, drug therapy/ *PHOTOSENSITIZATION, chemically induced/ *PIGMENTATION DISORDERS, chemically induced/ PIGMENTATION DISORDERS, diagnosis/ PIGMENTATION DISORDERS, pathology/ PIGMENTS/ SKIN, drug effects/ SKIN, pathology/ TIME FACTORS/ VASODILATOR AGENTS, administration & dosage/ *VASODILATOR AGENTS, adverse effects

5058. **Mathis RK, Freier EF, Hunt CE, et al:** Alpha-antitrypsin in the respiratory-distress syndrome. N Engl J Med 288:59-64, 11 Jan 73
AGE FACTORS/ FLUORESCENT ANTIBODY TECHNIC/ GLYCOPROTEINS, blood/ HETEROZYGOTE/ HISTOCYTOCHEMISTRY/ HUMAN/ HYALINE MEMBRANE DISEASE, blood/ INFANT, NEWBORN/ LIVER, analysis/ LIVER, immunology/ LUNG, analysis/ LUNG, immunology/ METABOLISM, INBORN ERRORS/ POLYMORPHISM (GENETICS)/ *RESPIRATORY DISTRESS SYNDROME, blood/ RESPIRATORY DISTRESS SYNDROME, etiology/ *TRYPSIN INHIBITORS, blood/ TRYPSIN INHIBITORS, metabolism

5059. **Matolo NM, Johnson DG:** Surgical treatment of hepatic hemangioma in the newborn. Arch Surg 106:725-7, May 73
FEMALE/ *HEMANGIOMA, CAVERNOUS, congenital/ HEMANGIOMA, CAVERNOUS, radiography/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, surgery/ *LIVER NEOPLASMS, congenital/ LIVER NEOPLASMS, radiography/ LIVER NEOPLASMS, surgery/ MALE

5060. **Matras H, Dinges HP, Mamoli B, et al:** Non-sutured nerve transplantation. (A report on animal experiments). J Maxillofac Surg 1:37-40, Mar 73
BLOOD COAGULATION/ FACTOR VIII, administration & dosage/ NERVE REGENERATION/ SCIATIC NERVE, transplantation/ SPECIAL LIST DENTAL/ SUTURE TECHNICS/ TISSUE ADHESIVES/ WOUND HEALING

5061. **Matrova Ts, Svetoslavova E, Ialumova D:** Lipoproteinlipazna aktivnost v choveshkata platse nta. Akush Ginekol (Sofiia) 11:114-7, 1972 (Bul)
ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *KIDNEY DISEASES, enzymology/ *LIPOPROTEIN LIPASE, metabolism/ *PLACENTA, enzymology/ PREGNANCY/ *PREGNANCY COMPLICATIONS, enzymology

5062. **Matsuda G, Maita T, Mizuno K, et al:** Amino acid sequence of a beta chain of AII component of adult chicken haemoglobin. Nature [New Biol] 244:244, 22 Aug 73
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ *CHICKENS, metabolism/ CHROMATOGRAPHY/ CHROMATOGRAPHY, PAPER/ GEL FILTRATION/ *HEMOGLOBIN, analysis/ HYDROLYSIS/ TRYPSIN

5063. **Matsuda G, Maita T, Ota H, et al:** Amino acid compositions and N-terminal amino acid of all the tryptic peptides from the and polypeptide chains of adult hemoglobin of the Japanese monkey (Macaca fuscata fuscata). Biochemical studies on hemoglobins and myoglobins. IX. Int J Pept Protein Res 4:327-37, 1972
*AMINO ACIDS, analysis/ CHROMATOGRAPHY/ CHROMATOGRAPHY, PAPER/ COUNTERCURRENT DISTRIBUTION/ *GLOBIN, analysis/ HEMOGLOBIN, analysis/ MACACA/ MONKEYS/ PEPTIDES, analysis/ SPECIES SPECIFICITY/ TRYPSIN

5064. **Matsuda G, Maita T, Watanabe B, et al:** Amino acid compositions of all the tryptic peptides from the and

polypeptide chains of adult hemoglobin of the slow loris (Nycticebus coucang). Biochemical studies on hemoglobins and myoglobins. X.
Int J Pept Protein Res 4:405-13, 1972
ALANINE, analysis/ *AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ ARGININE, analysis/ CHROMATOGRAPHY/ CHROMATOGRAPHY, PAPER/ GLUTAMINE, analysis/ *HEMOGLOBIN, analysis/ HEMOGLOBIN, isolation & purification/ HISTIDINE, analysis/ ISOLEUCINE, analysis/ LEUCINE, analysis/ LYSINE, analysis/ METHIONINE, analysis/ *MYOGLOBIN, analysis/ *PEPTIDES, analysis/ PHENYLALANINE, analysis/ PRIMATES/ SERINE, analysis/ THREONINE, analysis/ TRYPSIN/ TYROSINE, analysis/ VALINE, analysis

5065. **Matsuda G, Takei H, Wu KC, et al:** Sequence studies on the tryptic peptides and the chymotryptic peptides from the polypeptide chain of all component of the chicken hemoglobin. Biochemical studies on hemoglobins and myoglobins. 8.
Int J Pept Protein Res 4:291-302, 1972
AMINO ACID SEQUENCE/ CHICKENS/ CHROMATOGRAPHY/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ ELECTROPHORESIS, PAPER/ *HEMOGLOBIN, analysis/ PEPSIN/ *PEPTIDES, analysis/ SPECIES SPECIFICITY/ TRYPSIN

5066. **Matsuda M, Kanei C, Yoneda M:** Comparison o the peptide "finger print" and antigenic specificity of a diphtheria toxin fragment produced by a phage-mutant lysogen and "fragments A and B" of the toxin. Biken J 15:199-206, Dec 72
*ANTIGENIC DETERMINANTS/ *BACTERIOPHAGE/ CHROMATOGRAPHY, THIN LAYER/ COMPARATIVE STUDY/ *CORYNEBACTERIUM DIPHTHERIAE, analysis/ DIPHTHERIA ANTITOXIN/ *DIPHTHERIA TOXIN, analysis/ DITHIOTHREITOL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL DIFFUSION TESTS/ LYSOGENY/ MUTATION/ *PEPTIDES, isolation & purification/ TRYPSIN/ *VIRAL PROTEINS, analysis

5067. **Matsuda T:** [Fibrinogen-fibrin degradation products (FDP) in patients with various diseases]
Acta Haematol Jap 35:628-36, Oct 72 (Jap)
ADOLESCENCE/ ADULT/ ANGINA PECTORIS, blood/ CHRONIC DISEASE/ DIABETES MELLITUS, blood/ ENGLISH ABSTRACT/ FEMALE/ *FIBRIN, metabolism/ *FIBRINOGEN, metabolism/ HEMATOLOGIC DISEASES, blood/ HUMAN/ KIDNEY DISEASES, blood/ LIVER DISEASES, blood/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, blood/ NEOPLASMS, blood

5068. **Matsuda T:** [Arteriosclerosis and fibrinolysis]
Jap J Clin Med 31:836-43, Apr 73 (31 ref.) (Jap)
ANGINA PECTORIS, blood/ *ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, complications/ ARTERIOSCLEROSIS, drug therapy/ CATECHOLAMINES, diagnostic use/ CEREBRAL HEMORRHAGE, blood/ CEREBROVASCULAR DISORDERS, blood/ DIABETES MELLITUS, blood/ DIET/ EXERTION/ *FIBRINOLYSIS/ HUMAN/ MYOCARDIAL INFARCT, blood/ REVIEW/ THROMBOSIS, etiology

5069. **Matsuda T, Mammi S, Murakami M:** [Effects of heparin in consumption coagulopathy]
Jap J Clin Hematol 13:203-4, Apr 72 (Jap)
*DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN

5070. **Matsuda T, Murakami M:** [Effects of hydroxyethyl starch on blood coagulation and fibrinolysis. 1. In vitro studies]
Jap J Clin Hematol 13:831-4, Oct 72 (Jap)
ALCOHOL, ETHYL, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ COMPARATIVE STUDY/ DEXTRAN, pharmacodynamics/ ENGLISH ABSTRACT/ *FIBRINOLYSIS, drug effects/ *PLASMA SUBSTITUTES, pharmacodynamics/ PROTHROMBIN TIME/ *STARCH, pharmacodynamics/ THROMBIN, metabolism/ THROMBOPLASTIN, metabolism

5071. **Matsuda T, Murakami S, Hashizume K:** [Effects of hydroxyethyl starch on blood coagulation and fibrinolysis. II. In vivo studies]
Jap J Clin Hematol 13:934-8, Dec 72 (Jap)
ADULT/ ALCOHOL, ETHYL, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIS, drug effects/ HUMAN/ MALE/ MIDDLE AGE/ *PLASMA SUBSTITUTES, pharmacodynamics/ *STARCH, pharmacodynamics

5072. **Matsumura S, Takeda M:** Phosphoprotein kinases from rat liver cytosol.
Biochim Biophys Acta 289:237-41, 10 Nov 72
ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ CASEIN/ CELL NUCLEUS, enzymology/ CHROMATIN, enzymology/ *CYTOSOL, enzymology/ EGG PROTEINS/ ELECTROPHORESIS/ GEL FILTRATION/ HISTONES/ KINETICS/ LIVER, cytology/ *LIVER, enzymology/ PHOSPHOPROTEINS/ PHOSPHORUS ISOTOPES/ *PHOSPHOTRANSFERASES, isolation & purification/ PROTAMINES/ PROTEINS/ RATS/ SERINE/ THREONINE/ TRYPSIN

5073. **Matsuno S:** [Experimental and clinical studies of activities of various trypsin inhibitors and their effects on the exocrine pancreatic function]
Jap J Gastroenterol 70:553-64, Jun 73 (Jap)
ANIMAL EXPERIMENTS/ DOGS/ ENGLISH ABSTRACT/ EXOCRINE GLANDS, drug effects/ HUMAN/ *PANCREAS, drug effects/ *TRYPSIN INHIBITORS, pharmacodynamics

5074. **Matsunobu Y:** [Rheology of erythrocytes]
Respir Circ (Tokyo) 21:96-103, Feb 73 (55 ref.) (Jap)
ANIMAL EXPERIMENTS/ BLOOD VISCOSITY/ CELL MEMBRANE/ DOGS/ ERYTHROCYTES, cytology/ *ERYTHROCYTES, physiology/ HEMATOCRIT/ MEMBRANE POTENTIALS/ MODELS, BIOLOGICAL/ RATS/ REVIEW/ RHEOLOGY

5075. **Matsuo T, Ishihama Y, Matsunaga K:** [Role of plasma fibrinogen in diabetes mellitus]
Jap J Geriatr 9:387-93, Nov 72 (Jap)
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ *DIABETES MELLITUS, blood/ DIABETIC ANGIOPATHIES, blood/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOGEN, metabolism/ GLUCOSE TOLERANCE TEST/ HUMAN/ MALE/ MIDDLE AGE

5076. **Matsuoka M:** [Progress of our research on blood coagulation for the last 20 years]
Acta Haematol Jap 35:577-93, Oct 72 (Jap)
*BLOOD COAGULATION/ *HEMATOLOGY, history/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ JAPAN/ RESEARCH, history

5077. **Matsuoka M:** [Trigger mechanism in thrombogenesis in consumption coagulopathy]
Jap J Clin Hematol 13:151-6, Apr 72 (Jap)
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ENGLISH ABSTRACT/ RABBITS/ *THROMBOSIS, etiology

5078. **Matsuoka M, Watanabe T:** [Syndromes of disseminated intravascular coagulation-from the standpoint of internal medicine]
Jap J Clin Med 31:810-21, Apr 73 (59 ref.) (Jap)
ADULT/ ANEMIA, APLASTIC, complications/ BLOOD CIRCULATION/ BLOOD

COAGULATION/ *DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ HEART DEFECTS, CONGENITAL, complications/ HEMANGIOMA, complications/ HEMOLYSIS/ HEMOLYTIC-UREMIC SYNDROME, complications/ HUMAN/ INFECTION, complications/ LEUKEMIA, complications/ MALE/ MIDDLE AGE/ NEOPLASMS, complications/ PURPURA, complications/ PURPURA, THROMBOPENIC, complications/ PURPURA, THROMBOTIC THROMBOPENIC, complications/ REVIEW

5079. **Matsuyama M, Yasumitsu T, Yamaguchi S, et al:** [Case of malignant primary hemangioendothelioma of the heart]
Jap J Thorac Surg 26:326-30, May 73 (Jap)
ADULT/ ENGLISH ABSTRACT/ FEMALE/ *HEART NEOPLASMS, surgery/ *HEMANGIOENDOTHELIOMA, surgery/ HUMAN

5080. **Matta M, Mouzas GL:** Streptokinase-streptodornase in the treatment of minor injuries.
Practitioner 209:343-5, Sep 72
CLINICAL RESEARCH/ CONTUSIONS, drug therapy/ ECCHYMOSIS, drug therapy/ *EXTREMITIES, injuries/ HEMATOMA, drug therapy/ HUMAN/ SPRAINS AND STRAINS, drug therapy/ *STREPTODORNASE AND STREPTOKINASE, therapeutic use

5081. **Matta MS, Rohde MF:** Alpha-chymotrypsin and rigid substrates. Reactivity of some p-nitrophenyl 1,2,3,4-tetrahydro-2-naphthoates and indan-2-carboxylates.
J Am Chem Soc 94:8573-8, 29 Nov 72
BINDING SITES/ CARBOXYLIC ACIDS/ CHEMISTRY/ *CHYMOTRYPSIN, metabolism/ ESTERS/ HYDROLYSIS/ *INDENES/ *NAPHTHALENES/ *NITROPHENOLS/ STEREOISOMERS

5082. **Matthes G, Weber F, Bartel U, et al:** Untersuchungen über die Lagerfähigkeit von roten Blutzellen in verschiedenen Stabilisatoren bei 25 degrees.
Z Gesamte Inn Med 27:594-601, 15 Jul 72 (Ger)
ADENINE/ ADENOSINE TRIPHOSPHATE, blood/ *BLOOD PRESERVATION/ CITRATES/ ENGLISH ABSTRACT/ *ERYTHROCYTES/ FOLLOW-UP STUDIES/ GLUCOSE/ GUANOSINE/ HEMOGLOBIN, analysis/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INOSINE/ OSMOTIC FRAGILITY/ POTASSIUM, blood/ SODIUM/ SULFATES/ TEMPERATURE

5083. **Matthew H:** Removal of paracetamol by hemoperfusion. Lancet 1:674, 24 Mar 73
*ACETAMINOPHEN, poisoning/ *BLOOD COAGULATION DISORDERS, chemically induced/ *BLOOD PLATELETS, drug effects/ *HEPATITIS, TOXIC/ HUMAN/ *LEUKOCYTES, drug effects/ *LIVER, drug effects/ PERFUSION

5084. **Matthew H:** Acute acetaminophen poisoning.
Clin Toxicol 6:9-11, 1973
ACETAMINOPHEN, blood/ ACETAMINOPHEN, poisoning/ BILIRUBIN, blood/ BLOOD COAGULATION DISORDERS, etiology/ DIURESIS/ HEMODIALYSIS/ HUMAN/ HYPOGLYCEMIA, etiology/ KIDNEY DISEASES, etiology/ LIVER DISEASES, etiology/ MYOCARDIAL DISEASES, PRIMARY, etiology/ NECROSIS, etiology/ POISONING, complications/ POISONING, therapy

5085. **Matthews JI, Molitor JT, Hunt KK Jr:** Pyrimethamine-induced leukopenia and thrombocytopenia in a patient with malaria and tropical sprue: case report.
Milit Med 138:280-3, May 73
ADULT/ HUMAN/ *LEUKOPENIA, chemically induced/ LEUKOPENIA, complications/ MALARIA, complications/ *MALARIA, drug therapy/ MALE/ *PYRIMETHAMINE, adverse effects/ PYRIMETHAMINE, therapeutic use/ SPRUE, TROPICAL, complications/ *SPRUE, TROPICAL, drug therapy/ *THROMBOPENIA, chemically induced/ THROMBOPENIA, complications

5086. **Matthews MJ, Benson B:** Inactivation of pineal antigonadotrophin by proteolytic enzymes.
J Endocrinol 56:339-40, Feb 73
ANIMAL EXPERIMENTS/ CATTLE/ CHYMOTRYPSIN/ FEMALE/ *GONADOTROPINS, antagonists & inhibitors/ MALE/ MICE/ ORGAN WEIGHT/ OVARY, drug effects/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDES, pharmacodynamics/ *PINEAL BODY/ PROSTATE, drug effects/ *TISSUE EXTRACTS, pharmacodynamics/ TRYPSIN

5087. **Matthews WB:** Advances in neurology.
Practitioner 209:481-8, Oct 72 (29 ref.)
ADRENAL CORTEX HORMONES, therapeutic use/ ANTICOAGULANTS, therapeutic use/ ANTICONVULSANTS, therapeutic use/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ CEREBROVASCULAR DISORDERS, drug therapy/ CHOREA, HEREDITARY, drug therapy/ CORTICOTROPIN, therapeutic use/ DOPA, therapeutic use/ EPILEPSY, drug therapy/ FACIAL PARALYSIS, drug therapy/ HEPATOLENTICULAR DEGENERATION, drug therapy/ HUMAN/ MIGRAINE, drug therapy/ MULTIPLE SCLEROSIS, therapy/ *NERVOUS SYSTEM DISEASES, therapy/ PARALYSIS, drug therapy/ PARKINSONISM, drug therapy/ REVIEW

5088. **Mattila SP, Fogarty TJ:** Antigenicity of vascular heterografts. J Surg Res 15:81-6, Aug 73
ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ *ANTIGENS/ ANTIGENS, isolation & purification/ AORTA, immunology/ AORTIC VALVE, immunology/ ARTERIES, immunology/ BLOOD VESSELS, immunology/ *BLOOD VESSELS, transplantation/ CATTLE/ GEL DIFFUSION TESTS/ GLUTARALDEHYDE/ IN VITRO/ PEPTIDE HYDROLASES/ PRECIPITIN TESTS/ RABBITS/ SWINE/ *TRANSPLANTATION, HETEROLOGOUS/ TRANSPLANTATION IMMUNOLOGY

5089. **Mattingly RF:** The paramedic abortionist.
Obstet Gynecol 41:929-30, Jun 73
*ABORTION, INDUCED, adverse effects/ ADHESIONS/ *ALLIED HEALTH PERSONNEL/ CERVIX UTERI, injuries/ ENDOMETRITIS, etiology/ FEMALE/ FEVER, etiology/ HUMAN/ METHODS/ PREGNANCY/ UTERINE HEMORRHAGE, etiology/ UTERUS, injuries

5090. **Mattingly RF, Friedrich EG Jr:** Difficult hysterectomy.
Clin Obstet Gynecol 15:788-801, Sep 72
ABSCESS, surgery/ ADHESIONS/ ARTERIES, surgery/ COLLATERAL CIRCULATION/ DRAINAGE/ FEMALE/ GYNECOLOGIC NEOPLASMS, complications/ HEMOSTASIS/ HUMAN/ *HYSTERECTOMY/ HYSTERECTOMY, adverse effects/ IATROGENIC DISEASE, prevention & control/ LIGATION/ METHODS/ PREGNANCY/ PREGNANCY COMPLICATIONS, surgery/ URETER, injuries/ URINARY CATHETERIZATION/ UTERINE HEMORRHAGE, etiology/ UTERINE HEMORRHAGE, prevention & control/ UTERINE RUPTURE, surgery/ UTERUS, blood supply/ WOUNDS AND INJURIES, prevention & control

5091. **Mattingly RF, Wilkinson EJ:** Thromboembolism in pelvic surgery. Clin Obstet Gynecol 16:162-94, Jun 73
AGE FACTORS/ ANTICOAGULANTS, therapeutic use/ ENZYME TESTS/ FEMALE/ FIBRINOGEN/ HUMAN/ IMMOBILIZATION/

IODINE ISOTOPES, DIAGNOSTIC/ LIGATION/ OBESITY, complications/ *PELVIS, surgery/ PHLEBOGRAPHY/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, diagnosis/ *PULMONARY EMBOLISM, prevention & control/ PULMONARY EMBOLISM, radiography/ THROMBOEMBOLISM, etiology/ *THROMBOEMBOLISM, prevention & control/ ULTRASONICS, diagnostic use/ VENA CAVA, INFERIOR, surgery

5092. **Mattioli M, Reichlin M:** Physical association of two nuclear antigens and mutual occurrence of their antibodies: the relationship of the SM and RNAprotein (MO) systems in SLE sera.
J Immunol 110:1318-24, May 73
*ANTINUCLEAR FACTORS, classification/ CATTLE, immunology/ CENTRIFUGATION, DENSITY GRADIENT/ COMPLEMENT FIXATION TESTS/ ELECTROPHORESIS, STARCH GEL/ FEMALE/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HUMAN/ IMMUNOELECTROPHORESIS/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ RIBONUCLEASE, pharmacodynamics/ RNA/ THYMUS GLAND, immunology/ TISSUE EXTRACTS/ TRYPSIN, pharmacodynamics

5093. **Mattis JA, Laskowski M Jr:** pH dependence of the equilibrium constant for the hydrolysis of the Arg 63 -Ile reactive-site peptide bond in soybean trypsin inhibitor (Kunitz). Biochemistry 12:2239-45, 5 Jun 73
*ARGININE/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ *ISOLEUCINE/ KINETICS/ MATHEMATICS/ MODELS, BIOLOGICAL/ *PLANT PROTEINS, analysis/ PROTEIN DENATURATION/ PROTEIN HYDROLYSATES/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TIME FACTORS/ TRYPSIN, metabolism/ *TRYPSIN INHIBITORS, analysis

5094. **Mattock P, Esnouf MP:** A form of bovine factor X with a single polypeptide chain.
Nature [New Biol] 242:90-2, 21 Mar 73
ANIMAL EXPERIMENTS/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FACTOR X, analysis/ FACTOR X, isolation & purification/ MOLECULAR WEIGHT/ PEPTIDES, analysis

5095. **Mattson JS, Smith CA:** Enhanced protein adsorption at the solid-solution interface: dependence on surface charge. Science 181:1055-7, 14 Sep 73
ADSORPTION/ *FIBRINOGEN/ *GERMANIUM/ SPECTROPHOTOMETRY, INFRARED/ SURFACE PROPERTIES/ SWINE

5096. **Mattsson A:** Long-term physical illness in childhood: a challenge to psychosocial adaptation.
Pediatrics 50:801-11, Nov 72 (62 ref.)
*ADAPTATION, PSYCHOLOGICAL/ ATTITUDE TO HEALTH/ CHILD/ CHILD BEHAVIOR/ CHILD DEVELOPMENT/ CHILD, HOSPITALIZED/ *CHRONIC DISEASE/ CHRONIC DISEASE, nursing/ COLITIS, ULCERATIVE/ CYSTIC FIBROSIS/ DIABETES MELLITUS, JUVENILE/ EPILEPSY/ FAMILY/ GROWTH DISORDERS/ HEART DISEASES/ HEMORRHAGIC DIATHESIS/ HOSPITALIZATION/ HUMAN/ KIDNEY, transplantation/ KIDNEY DISEASES/ LONG TERM CARE/ PARENT-CHILD RELATIONS/ PARENTS/ PHYSICIAN-PATIENT RELATIONS/ PSYCHOLOGY/ REVIEW/ *SOCIAL ADJUSTMENT/ STRESS, PSYCHOLOGICAL

5097. **Matuchansky C, Matuchansky C:** Les prostaglandines.
Cah Med 13:525-39, 15 Jun 72 (198 ref.) (Fre)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ ADENYL CYCLASE/ ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, drug effects/ BLOOD PRESSURE, drug effects/ CALCIUM, metabolism/ CARBOHYDRATES, metabolism/ CARDIOVASCULAR SYSTEM, drug effects/ CENTRAL NERVOUS SYSTEM, drug effects/ CHEMISTRY/ FATTY ACIDS, NONESTERIFIED, metabolism/ GASTROINTESTINAL SYSTEM, drug effects/ GENITALIA, drug effects/ HUMAN/ KIDNEY, drug effects/ PERIPHERAL NERVES, drug effects/ *PROSTAGLANDINS/ PROSTAGLANDINS, biosynthesis/ PROSTAGLANDINS, metabolism/ PROSTAGLANDINS, pharmacodynamics/ PROSTAGLANDINS, physiology/ RESPIRATORY SYSTEM, drug effects/ REVIEW

5098. **Matveev VF, Popilina SV:** Psikhicheskie narusheniia u bol'nykh s vrozhdennymi kosmeticheskimi defektami litsa.
Zh Nevropatol Psikhiatr 73:725-30, 1973 (Rus)
ADOLESCENCE/ ADULT/ ASTHENIA, etiology/ CLEFT LIP, complications/ CLEFT PALATE, complications/ EAR, abnormalities/ ENGLISH ABSTRACT/ *FACE, abnormalities/ FACE, surgery/ FACIAL NEOPLASMS, congenital/ FEMALE/ HEMANGIOMA, congenital/ HUMAN/ JAW ABNORMALITIES/ MALE/ MENTAL RETARDATION, complications/ NEURASTHENIA, etiology/ NEUROSES, etiology/ NOSE DEFORMITIES, complications/ PERSONALITY DEVELOPMENT/ PERSONALITY INVENTORY/ PSYCHOPHYSIOLOGIC DISORDERS, etiology/ *PSYCHOSES, etiology/ SURGERY, PLASTIC

5099. **Matveeva EK, Krasheninin PF:** Biokhimicheskie osobennosti nekotorykh shtammov molochnokislykh mikroorganizmov, ispol'zuemykh v syrodelii.
Prikl Biokhim Mikrobiol 9:49-54, Jan-Feb 73 (Rus)
AMINO ACIDS, metabolism/ CHEESE/ ENGLISH ABSTRACT/ HEAT/ LACTATES, biosynthesis/ LACTOBACILLUS, enzymology/ *LACTOBACILLUS, metabolism/ LACTOBACILLUS ACIDOPHILUS, enzymology/ LACTOBACILLUS ACIDOPHILUS, metabolism/ MILK/ NITROGEN, metabolism/ PEPTIDE HYDROLASES, metabolism/ *STREPTOCOCCUS, metabolism/ STREPTOCOCCUS LACTIS, enzymology/ STREPTOCOCCUS LACTIS, metabolism

5100. **Matzel W, Lindemann I, Reichelt D, et al:** Untersuchungen zur diagnostischen Bedeutung des Trypsin-Inhibitors des menschlichen Blutserums. 1. Normalbereich der Trypsin-Inhibitor-Kapazität und genetische Frequenz des Trypsin-Inhibitor-Mangels im Bezirk Halle der DD.
Dtsch Gesundheitsw 28:344-8, 4 Feb 73 (Ger)
DEFICIENCY DISEASES, occurrence/ ENGLISH ABSTRACT/ FEMALE/ GENETICS, BIOCHEMICAL/ GERMANY, EAST/ HUMAN/ MALE/ *TRYPSIN INHIBITORS, blood/ TRYPSIN INHIBITORS, diagnostic use

5101. **Mauer AM:** X-linked recessive disorders: chronic granulomatous disease and Wiskott-Aldrich syndrome. J Invest Dermatol 60:522-8, Jun 73 (35 ref.)
ALDRICH SYNDROME, complications/ ALDRICH SYNDROME, drug therapy/ *ALDRICH SYNDROME, familial & genetic/ ALDRICH SYNDROME, immunology/ ALDRICH SYNDROME, pathology/ BACTERIAL INFECTIONS, immunology/ BLOOD PLATELET DISORDERS, etiology/ ECZEMA, etiology/ GENES, RECESSIVE/ HUMAN/ PEDIGREE/ PHAGOCYTE BACTERICIDAL DYSFUNCTION, complications/ PHAGOCYTE BACTERICIDAL DYSFUNCTION, diagnosis/ *PHAGOCYTE BACTERICIDAL DYSFUNCTION, familial & genetic/ PHAGOCYTE BACTERICIDAL DYSFUNCTION, immunology/ PHAGOCYTE BACTERICIDAL DYSFUNCTION, therapy/ PHAGOCYTOSIS/ RECURRENCE/ REVIEW/ *SEX CHROMOSOMES/ STAPHYLOCOCCAL INFECTIONS, etiology/ STAPHYLOCOCCAL INFECTIONS, immunology/ THROMBOPENIA, etiology

5102. **Mauer SM, Michael AF, Fish AJ, et al:** Spontaneous immunoglobulin and complement deposition in glomeruli of diabetic rats. Lab Invest 27:488-94, Nov 72
ALBUMINS, analysis/ *ALLOXAN DIABETES, immunology/ ALLOXAN DIABETES, pathology/ ANIMAL EXPERIMENTS/ *COMPLEMENT, analysis/ DIABETIC NEPHROPATHIES, pathology/ FIBRINOGEN, analysis/ IGG, analysis/ *IMMUNOGLOBULINS, analysis/ KIDNEY, pathology/ KIDNEY GLOMERULUS, analysis/ *KIDNEY GLOMERULUS, immunology/ MICROSCOPY, FLUORESCENCE/ RATS

5103. **Mauk MR, Girotti AW:** Photooxidation of the protoporphyrin-apomyoglobin complex. Biochemistry 12:3187-93, 14 Aug 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ APOPROTEINS/ APOPROTEINS, analysis/ BINDING SITES/ CETACEA/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GLOBIN/ HEMEPROTEINS/ LIGHT/ *MYOGLOBIN/ MYOGLOBIN, analysis/ OXIDATION-REDUCTION/ OXYGEN CONSUMPTION/ PEPTIDES, analysis/ PHOTOCHEMISTRY/ *PORPHYRINS/ PROTEIN BINDING/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPSIN

5104. **Maurer HM:** Hematologic effects of cardiac disease. Pediatr Clin North Am 19:1083-93, Nov 72 (50 ref.)
ADOLESCENCE/ ANEMIA, HEMOLYTIC, ACQUIRED, blood/ ANEMIA, HEMOLYTIC, ACQUIRED, drug therapy/ ANEMIA, HYPOCHROMIC, etiology/ ANEMIA, SICKLE CELL, complications/ BLOOD PLATELET DISORDERS, complications/ BLOODLETTING/ CHILD/ CHILD, PRESCHOOL/ HEART DEFECTS, CONGENITAL, blood/ *HEART DISEASES, blood/ HEART DISEASES, complications/ HEART VALVE PROSTHESIS/ *HEMATOLOGIC DISEASES, etiology/ HEMOSTASIS/ HUMAN/ IRON, therapeutic use/ PLASMA/ PLASMA SUBSTITUTES, therapeutic use/ POLYCYTHEMIA, etiology/ POLYCYTHEMIA, therapy/ POSTOPERATIVE COMPLICATIONS/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PREOPERATIVE CARE/ REVIEW/ TETRALOGY OF FALLOT, complications

5105. **Maurer P, Scherer H, Frost H, et al:** Arterienprothesen aus menschlicher Dura. Einheilung und Umbau; Rasterelektronenmikroskopie und Fibrinolyseautografie des Transplantatendothels. Vasa 2:28-33, 1973 (Ger)
ANIMAL EXPERIMENTS/ ARTERIES, surgery/ *BLOOD VESSEL PROSTHESIS/ DOGS/ *DURA MATER, transplantation/ ENDOTHELIUM, cytology/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIS/ FREEZE DRYING/ MALE/ MICROSCOPY, ELECTRON, SCANNING/ *TRANSPLANTATION, HETEROLOGOUS/ WOUND HEALING

5106. **Mausolf FA, Mensher JH:** Experimental hyperviscosity retinopathy: preliminary report. Ann Ophthalmol 5:205-9, Feb 73
ANIMAL EXPERIMENTS/ *BLOOD VISCOSITY/ *DEXTRAN/ *DISEASE MODELS, ANIMAL/ FLUORESCENCE ANGIOGRAPHY/ FUNDUS OCULI/ INJECTIONS, INTRAVENOUS/ MONKEYS/ OPHTHALMOSCOPY/ REGIONAL BLOOD FLOW/ RETINA, blood supply/ *RETINAL HEMORRHAGE, chemically induced

5107. **Mavor GE, Dhall DP, Dawson AA, et al:** Streptokinase therapy in deep-vein thrombosis. Br J Surg 60:468-74, Jun 73
ADULT/ AGED/ BLOOD COAGULATION TESTS/ CATHETERIZATION, adverse effects/ FEMALE/ FEMORAL VEIN/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ HEMORRHAGE, complications/ HUMAN/ ILIAC VEIN/ INJECTIONS, INTRAVENOUS/ MALE/ MIDDLE AGE/ PHLEBOGRAPHY/ POSTOPERATIVE COMPLICATIONS, drug therapy/ RECURRENCE/ STREPTOKINASE, administration & dosage/ *STREPTOKINASE, therapeutic use/ *THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, surgery/ TIME FACTORS

5108. **Mavor GE, Harper DR, Woodruff PW:** Treatment of massive pulmonary embolism. Br Med J 1:175-6, 20 Jan 73
INFUSIONS, PARENTERAL/ *PULMONARY EMBOLISM, drug therapy/ *STREPTOKINASE, administration & dosage/ TIME FACTORS

5109. **Mavor GE, Walker MG, Dhall DP, et al:** Peripheral venous scanning with 125I-tagged fibrinogen. Lancet 1:661-3, 25 Mar 72
FEMORAL VEIN, physiopathology/ FEMORAL VEIN, radiography/ *FIBRINOGEN, diagnostic use/ HUMAN/ ILIAC VEIN, physiopathology/ ILIAC VEIN, radiography/ *IODINE ISOTOPES, diagnostic use/ PHLEBOGRAPHY/ PULMONARY EMBOLISM, diagnosis/ *RADIOISOTOPE SCANNING/ THROMBOEMBOLISM, diagnosis/ *THROMBOPHLEBITIS, diagnosis

5110. **Maximilian V, Protopopescu R, Stănescu D:** Unele probleme actuale în pneumologie. Med Interna (Bucur) 24:985-98, Aug 72 (Rum)
ANTIBIOTICS, therapeutic use/ BRONCHOPULMONARY SEQUESTRATION, diagnosis/ ENGLISH ABSTRACT/ HUMAN/ HYPERTENSION, PULMONARY, etiology/ LUNG, abnormalities/ *LUNG DISEASES/ LUNG DISEASES, diagnosis/ LUNG DISEASES, drug therapy/ LUNG DISEASES, etiology/ LUNG DISEASES, familial & genetic/ PROTEIN DEFICIENCY, etiology/ PULMONARY EMBOLISM, etiology/ PULMONARY EMPHYSEMA, etiology/ THROMBOEMBOLISM, etiology/ TRYPSIN INHIBITORS, blood

5111. **Maxwell TM, Olcott C 4th, Blaisdell FW:** Vascular complications of drug abuse. Arch Surg 105:875-82, Dec 72
ADULT/ AMPHETAMINE/ AMPUTATION/ ANEURYSM, etiology/ ANGIOGRAPHY/ ARM, blood supply/ ARTERIES, drug effects/ BARBITURATES/ *BLOOD VESSELS, drug effects/ CODEINE/ DIACETYLMORPHINE/ *DRUG ABUSE/ ENDOCARDITIS, BACTERIAL, etiology/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, INTRA-ARTERIAL, adverse effects/ ISCHEMIA, chemically induced/ LEG, blood supply/ LEG, surgery/ MALE/ METHYLPHENIDATE/ MONILIASIS, etiology/ *VASCULAR DISEASES, chemically induced/ VASODILATOR AGENTS, therapeutic use/ VEINS, drug effects

5112. **Maycock W d'A:** Hepatitis in transfusion services. Br Med Bull 28:163-8, May 72 (44 ref.)
ADULT/ ANTIBODIES, VIRAL, isolation & purification/ AUSTRALIA ANTIGEN, isolation & purification/ BLOOD DONORS/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION, adverse effects/ CARRIER STATE, immunology/ CLINICAL RESEARCH/ COMPLEMENT FIXATION TESTS/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ *HEPATITIS, HOMOLOGOUS SERUM, etiology/ HEPATITIS, HOMOLOGOUS SERUM, immunology/ HEPATITIS, HOMOLOGOUS SERUM, prevention & control/ *HEPATITIS, INFECTIOUS, etiology/ HEPATITIS, INFECTIOUS, prevention & control/ HUMAN/ LABORATORY INFECTION, prevention & control/ MALE/ PROTECTIVE CLOTHING/ REVIEW

5113. **Mayer JE Jr, Hammond GL:** Dipyridamole and aspirin tested against an experimental model of thrombosis. Ann Surg 178:108-12, Jul 73
ANIMAL EXPERIMENTS/ ASPIRIN, administration & dosage/ *ASPIRIN, therapeutic use/ BLOOD VESSELS, pathology/ DIPYRIDAMOLE, administration & dosage/ *DIPYRIDAMOLE, therapeutic use/ DISEASE

MODELS, ANIMAL/ DOGS/ HEMATOMA, etiology/ HEMORRHAGIC DIATHESIS, chemically induced/ METHODS/ PERFUSION/ POSTOPERATIVE COMPLICATIONS/ PRONASE/ THROMBOSIS, chemically induced/ THROMBOSIS, pathology/ *THROMBOSIS, prevention & control/ TIME FACTORS

5114. **Mayerhofer HJ, Marshall RT, White CH, et al:** Characterization of a heat-stable protease of Pseudomonas fluorescens P26.
Appl Microbiol 25:44-8, Jan 73
AMINO ACIDS, analysis/ AMMONIUM SULFATE/ CASEIN/ CELL-FREE SYSTEM/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FILTRATION/ *FOOD MICROBIOLOGY/ FOOD PRESERVATION/ HEAT/ HYDROGEN-ION CONCENTRATION/ MILK/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ PRECIPITATION/ *PSEUDOMONAS, enzymology/ PSEUDOMONAS FLUORESCENS, enzymology/ SPECTROPHOTOMETRY/ TASTE/ ULTRACENTRIFUGATION

5115. **Mayhew E, Juliano R:** Interaction of polynucleotides with cultured mammalian cells. II. Cell surface charge density and RNA uptake.
Exp Cell Res 77:409-14, 15 Mar 73
BINDING SITES, drug effects/ CARBON ISOTOPES/ CARCINOMA, EHRLICH TUMOR/ CELL COUNT/ CELL SURVIVAL/ CELLS, CULTURED/ ELECTROPHORESIS/ LYSINE/ *MEMBRANE POTENTIALS, drug effects/ MOLECULAR WEIGHT/ NEURAMINIDASE, pharmacodynamics/ *POLYNUCLEOTIDES, pharmacodynamics/ RIBONUCLEASE, pharmacodynamics/ RNA, pharmacodynamics/ RNA, NEOPLASM, analysis/ RNA, NEOPLASM, isolation & purification/ *RNA, NEOPLASM, metabolism/ TRYPSIN, pharmacodynamics

5116. **Mayne EE:** Clinical problems associated with the disseminated intravascular coagulation syndrome.
Ir J Med Sci Suppl:78-83, May 73
*DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, metabolism/ ENDOTHELIUM, metabolism/ ERYTHROCYTES, metabolism/ HEMORRHAGE, complications/ HUMAN/ PLATELET ADHESIVENESS

5117. **Mayne EE:** Clinical problems associated with the disseminated intravascular coagulation syndrome.
Ir J Med Sci 78-83, May 73
*BLOOD GROUP INCOMPATIBILITY, complications/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ GLOMERULONEPHRITIS, complications/ HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ HYPERTENSION, MALIGNANT, complications/ LEUKEMIA, complications/ *NEOPLASMS, complications/ TETRALOGY OF FALLOT, complications

5118. **Mayr WR:** Die klinische Bedeutung der leukozytären Isoantigene.
Wien Med Wochenschr 25:373-8, 25 May 73 (65 ref.) (Ger)
AGRANULOCYTOSIS, immunology/ ALLELES/ BLOOD PLATELETS, immunology/ BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ FEMALE/ GENOTYPE/ HISTOCOMPATIBILITY ANTIGENS/ HUMAN/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, immunology/ ISOANTIBODIES/ *ISOANTIGENS/ KIDNEY, transplantation/ *LEUKOCYTES, immunology/ LEUKOPENIA, immunology/ LYMPHOCYTE TRANSFORMATION/ MALE/ NEUTROPHILS/ POLYMORPHISM (GENETICS)/ PREGNANCY/ PURPURA, immunology/ REVIEW/ SKIN, transplantation/ TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION IMMUNOLOGY

5119. **Mazauric FX, Boudon A, Rheingold C:** Interêt de l'acide tranexamique dans l'amygdalectomie extra-capsulaire de l'adulte.
J Fr Otorhinolaryngol 22:165-8, Feb 73 (Fre)
ADULT/ *ANTIFIBRINOLYTIC AGENTS, therapeutic use/ *CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ EDEMA, prevention & control/ FEMALE/ HEMORRHAGE, prevention & control/ HEMOSTASIS/ HUMAN/ INJECTIONS, INTRAVENOUS/ MALE/ *METHYLAMINES, therapeutic use/ MIDDLE AGE/ *POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *TONSILLECTOMY

5120. **Mazel MS:** A surgeon reviews a half century of progress in the treatment of coronary heart disease.
J Am Geriatr Soc 21:355-61, Aug 73
ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ AORTOCORONARY BYPASS/ CORONARY DISEASE, drug therapy/ CORONARY DISEASE, etiology/ CORONARY DISEASE, history/ CORONARY DISEASE, surgery/ *CORONARY DISEASE, therapy/ FEMALE/ FIBRINOLYTIC AGENTS, therapeutic use/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL REVASCULARIZATION/ SAPHENOUS VEIN, transplantation/ TRANSPLANTATION, AUTOLOGOUS/ UNITED STATES

5121. **Mazuch J, Radakovič M, Kukura A, et al:** Konzumpčná koagulopatia ako následok postembolického soku po masívnej tromboembólii a. pulmonalis v experimente.
Bratisl Lek Listy 59:188-98, Feb 73 (Slo)
ACID-BASE EQUILIBRIUM/ ACIDOSIS, complications/ ANIMAL EXPERIMENTS/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DOGS/ ENGLISH ABSTRACT/ *PULMONARY ARTERY/ *PULMONARY EMBOLISM, complications/ *SHOCK, HEMORRHAGIC, complications

5122. **Mazurek A, Kownacka-Klimek E, Zdebska E, et al:** Naczyniaki krwawiące płuc.
Przegl Lek 29:712-4, 1972 (Pol)
ADRENAL CORTEX HORMONES, therapeutic use/ CHILD, PRESCHOOL/ HEMANGIOMA, drug therapy/ *HEMANGIOMA, familial & genetic/ HEMORRHAGE, drug therapy/ HEMORRHAGE, familial & genetic/ HUMAN/ LUNG NEOPLASMS, drug therapy/ *LUNG NEOPLASMS, familial & genetic/ MALE

5123. **Meade TW, Chakrabarti R:** Arterial-disease research: observation or intervention? Lancet 2:913-6, 28 Oct 72
ADOLESCENCE/ AGE FACTORS/ ARTERIOSCLEROSIS, complications/ BLOOD PRESSURE/ CHILD/ CHOLESTEROL, blood/ CHOLESTEROL, DIETARY/ CORONARY DISEASE, etiology/ *CORONARY DISEASE, occurrence/ DIET, ATHEROGENIC/ DIETARY FATS, adverse effects/ FEMALE/ GREAT BRITAIN/ HUMAN/ HYPERTENSION, complications/ MALE/ MIDDLE AGE/ PROSPECTIVE STUDIES/ SEX FACTORS/ SMOKING, complications/ UNITED STATES

5124. **Mearns AJ:** Iatrogenic rupture of the spleen.
Br Med J 1:395-6, 17 Feb 73
ACUTE DISEASE/ ADULT/ AGED/ *BIOPSY, adverse effects/ DIAGNOSTIC ERRORS/ *DRAINAGE, adverse effects/ FEMALE/ HEMATOMA, etiology/ HEMOPERITONEUM, etiology/ HUMAN/ *IATROGENIC DISEASE/ MIDDLE AGE/ PERITONEAL NEOPLASMS, diagnosis/ PLEURA/ PLEURAL EFFUSION, therapy/ SPLENIC RUPTURE, diagnosis/ *SPLENIC RUPTURE, etiology/ SPLENIC RUPTURE, surgery/ TIME FACTORS

5125. **Medenica R, Hatam K, Hatam V, et al:** Digitoxin-induced thrombocytopenia.
Int Arch Allergy Appl Immunol 43:1-8, 1972

AGED/ AGGLUTININS, analysis/ AORTIC VALVE STENOSIS, drug therapy/ BLOOD PLATELETS, immunology/ CELLS, CULTURED/ *DIGITOXIN, adverse effects/ DIGITOXIN, therapeutic use/ DIGOXIN, therapeutic use/ FEMALE/ HEART DISEASES, drug therapy/ HEMAGGLUTINATION TESTS/ HUMAN/ LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES, immunology/ *THROMBOPENIA, chemically induced

5126. **Medgyesi GA, Jakab M, Nagy MC, et al:** Susceptibility of human G immunoglobulins to tryptic fragmentation.
Acta Biochim Biophys Acad Sci Hung 6:405-14, 1971
ANTIGENIC DETERMINANTS/ CHEMISTRY/ GEL FILTRATION/ HUMAN/ *IGG/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ *IMMUNOGLOBULIN FRAGMENTS/ IMMUNOGLOBULINS, FAB/ IMMUNOGLOBULINS, FC/ MOLECULAR WEIGHT/ MYELOMA PROTEINS, analysis/ *TRYPSIN

5127. **Medvedev PM, Fisanovich TI:** Rol' krioprotektorov kak stabilizatorov vody v biologicheskikh sredakh.
Usp Sovrem Biol 75:46-60, Jan-Feb 73 (100 ref.) (Rus)
ANIMAL EXPERIMENTS/ BLOOD PLATELETS/ BLOOD PRESERVATION/ BONE MARROW/ *CRYOPROTECTIVE AGENTS/ DEXTRAN/ DIMETHYL SULFOXIDE/ DIMETHYLFORMAMIDE/ ELECTROLYTES/ ERYTHROCYTES/ FORMALDEHYDE/ GLYCERIN/ MALE/ POLYVINYLPYRROLIDONE/ *PRESERVATION, BIOLOGICAL/ REVIEW/ SERUM ALBUMIN, BOVINE/ SPERMATOZOA/ TISSUE PRESERVATION/ *WATER

5128. **Meer J van der, Stoepman-van Dalen EA, Jansen JM:** Antithrombin-3 deficiency in a Dutch family.
J Clin Pathol 26:532-8, Jul 73
ADULT/ AGE FACTORS/ AGED/ *ANTITHROMBIN, analysis/ *BLOOD COAGULATION DISORDERS, familial & genetic/ BLOOD COAGULATION TESTS/ FEMALE/ GEL DIFFUSION TESTS/ GENES, DOMINANT/ HUMAN/ MALE/ MIDDLE AGE/ PREGNANCY/ PREGNANCY COMPLICATIONS, HEMATOLOGIC/ THROMBOSIS, familial & genetic

5129. **Mehrishi JN:** Smoking, cancer, and coronary heart-disease. Lancet 1:666-7, 24 Mar 73
BLOOD PLATELETS, drug effects/ *CARCINOMA, BRONCHOGENIC, chemically induced/ CELL MEMBRANE, drug effects/ *CORONARY DISEASE, chemically induced/ CYSTEINE, physiology/ FREE RADICALS/ HUMAN/ *LUNG NEOPLASMS, chemically induced/ *NICOTINE, adverse effects/ RADIATION-PROTECTIVE AGENTS/ *SMOKING/ THROMBOSIS, chemically induced

5130. **Mehrishi JN:** Molecular aspects of the mammalian cell surface. Prog Biophys Mol Biol 25:1-70, 1972 (360 ref.)
ANIMAL EXPERIMENTS/ ANTIBODIES/ ANTIGEN-ANTIBODY COMPLEX/ ANTILYMPHOCYTE SERUM/ ASPARAGINASE, pharmacodynamics/ BLOOD COAGULATION/ BLOOD PLATELET DISORDERS/ BLOOD PLATELETS/ CARCINOMA, EHRLICH TUMOR/ *CELL MEMBRANE/ CELLS, CULTURED, drug effects/ CELLS, CULTURED, radiation effects/ ELECTROPHORESIS/ ENCEPHALITOGENIC BASIC PROTEINS/ HISTOCOMPATIBILITY ANTIGENS/ HUMAN/ IMMUNOSUPPRESSION/ LEUKEMIA, blood/ LYMPHOCYTES, immunology/ NEURAMINIDASE, pharmacodynamics/ PLANT AGGLUTININS, pharmacodynamics/ POLY I-C, pharmacodynamics/ RADIATION EFFECTS/ RADIATION-PROTECTIVE AGENTS/ RADIATION-SENSITIZING AGENTS/ REVIEW/ SURFACE PROPERTIES

5131. **Mehta B, Briggs DK, Sommers SC, et al:** Disseminated intravascular coagulation following cardiac arrest: a study of 15 patients. Am J Med Sci 264:353-63, Nov 72
ADULT/ AGED/ AUTOPSY/ BLOOD CELL COUNT/ BLOOD PLATELETS/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ FEMALE/ *HEART ARREST, complications/ HEART ARREST, pathology/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *RESUSCITATION/ RESUSCITATION, adverse effects

5132. **Mehta SK, Plaut AG, Calvanico NJ, et al:** Human immunoglobulin A: production of an Fc fragment by an enteric microbial proteolytic enzyme.
J Immunol 111:1274-6, Oct 73
BACILLUS SUBTILIS, enzymology/ ESCHERICHIA COLI, enzymology/ FECES, immunology/ HUMAN/ *IGA/ *IMMUNOGLOBULINS, biosynthesis/ *IMMUNOGLOBULINS, FC, isolation & purification/ MYELOMA PROTEINS, analysis/ PEPTIDE HYDROLASES, metabolism/ PRONASE, metabolism

5133. **Meienhofer J, Maeda H, Glaser CB, et al:** Primary structure of neocarzinostatin, an antitumor protein.
Science 178:875-6, 24 Nov 72
AMINO ACID SEQUENCE/ *ANTIBIOTICS, ANTINEOPLASTIC/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ PEPSIN/ PEPTIDES, analysis/ *PROTEINS/ THERMOLYSIN

5134. **Meier K, Knoblauch M:** Die Klinik der Staphylokokkensepsis.
Schweiz Med Wochenschr 102:1745-51, 2 Dec 72 (Ger)
ANTIBIOTICS, pharmacodynamics/ BLOOD SEDIMENTATION/ CROSS INFECTION/ DRUG RESISTANCE, MICROBIAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LEUKOCYTE COUNT/ MALE/ *SEPTICEMIA, diagnosis/ SHOCK, complications/ STAPHYLOCOCCAL INFECTIONS, complications/ *STAPHYLOCOCCAL INFECTIONS, diagnosis/ STAPHYLOCOCCAL INFECTIONS, mortality/ STAPHYLOCOCCUS, drug effects/ THROMBOPENIA, complications

5135. **Meier-Sydow J, Bürger H, Dierkesmann R, et al:** Angioleiomyomatose der Lunge.
Verh Dtsch Ges Inn Med 77:1118-20, 1971 (Ger)
BIOPSY/ CHYLOTHORAX, complications/ DYSPNEA, complications/ EXERTION/ FEMALE/ *HEMANGIOMA, diagnosis/ HUMAN/ *LEIOMYOMA, diagnosis/ *LUNG NEOPLASMS, diagnosis/ MIDDLE AGE/ RESPIRATORY FUNCTION TESTS

5136. **Meijer AE:** Semipermeable membranes for improving the histochemical demonstration of enzyme activities in tissue sections. 3. Lactate dehydrogenase.
Histochemie 35:165-72, 22 May 73
ADRENAL GLANDS, enzymology/ AGAR/ ANIMAL EXPERIMENTS/ HISTOCYTOCHEMISTRY/ HUMAN/ KIDNEY, enzymology/ *LACTATE DEHYDROGENASE, analysis/ LIVER, enzymology/ *MEMBRANES, ARTIFICIAL/ METHODS/ MICE/ MUSCLES, enzymology/ MYOCARDIUM, enzymology/ NAD/ PANCREAS, enzymology/ PHENAZINES/ RABBITS/ RATS/ TETRAZOLIUM SALTS/ VITAMIN K

5137. **Meiselman HJ, Frasher WG Jr, Wayland H:** In vivo rheology of dog blood after infusions of low molecular-weight dextran or saline.
Microvasc Res 4:399-412, Oct 72
ANIMAL EXPERIMENTS/ *BLOOD CIRCULATION, drug effects/ BLOOD VISCOSITY, drug effects/ *DEXTRAN, pharmacodynamics/ DOGS/ ERYTHROCYTES, physiology/ HEMATOCRIT/ HEMODYNAMICS/ ISOTONIC SOLUTIONS/ MOLECULAR WEIGHT/ *RHEOLOGY/ *SODIUM CHLORIDE, pharmacodynamics

5138. **Meisner J, Flowers HM, Ascher KR, et al:** The feeding response of the larva of the Egyptian cotton leafworm, Spodoptera littoralis boisd., to sugars and related compounds. 3. Biochemical and enzymological aspects of sucrose consumption.
Comp Biochem Physiol [A] 44:793-806, 1 Mar 73
AMYLASE, metabolism/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ FECES, analysis/ *FEEDING BEHAVIOR/ INSECTS, enzymology/ *INSECTS, metabolism/ LARVA/ LEUCINE, analysis/ LIFE EXPECTANCY/ PEPTIDE HYDROLASES, metabolism/ POLYSTYRENES, metabolism/ SUCRASE, metabolism/ *SUCROSE, pharmacodynamics/ TIME FACTORS/ URIC ACID, analysis

5139. **Meissner AJ, Wieczorek K:** Podwiązywanie lub marszczenie światła żyły głównej dolnej w zapobieganiu powstawania nawrotowych zatorów tętnicy płucnej.
Pol Tyg Lek 27:1242-5, 7 Aug 72 (23 ref.) (Pol)
ANTICOAGULANTS, administration & dosage/ HEMODYNAMICS/ HUMAN/ LIGATION/ METHODS/ POSTOPERATIVE COMPLICATIONS/ POSTURE/ *PULMONARY EMBOLISM, prevention & control/ RECURRENCE/ REVIEW/ SUTURE TECHNICS/ *VENA CAVA, INFERIOR, surgery

5140. **Meistrich ML:** Separation of mouse spermatogenic cells by velocity sedimentation.
J Cell Physiol 80:299-312, Oct 72
ANIMAL EXPERIMENTS/ ARGININE, metabolism/ CATTLE/ CELL COUNT/ CENTRIFUGATION, DENSITY GRADIENT/ DEOXYRIBONUCLEASE/ DNA, biosynthesis/ ISOTOPE LABELING/ MALE/ METHODS/ MICE/ MICE, INBRED STRAINS/ PANCREAS, enzymology/ PROTEINS, biosynthesis/ RNA, biosynthesis/ SEMINAL VESICLES, cytology/ SPERMATOGENESIS/ *SPERMATOZOA/ TESTIS, cytology/ TESTIS, metabolism/ THYMIDINE, metabolism/ TRITIUM/ TRYPSIN/ URIDINE, metabolism/ VALINE, metabolism

5141. **Meistrich ML, Bruce WR, Clermont Y:** Cellular composition of fractions of mouse testis cells following velocity sedimentation separation.
Exp Eye Res 79:213-27, Apr 73
ANIMAL EXPERIMENTS/ CELL COUNT/ CELL NUCLEUS/ *CENTRIFUGATION, DENSITY GRADIENT/ CYTOPLASM/ DEOXYRIBONUCLEASE/ ERYTHROCYTES/ HISTOLOGICAL TECHNICS/ LEYDIG CELLS, cytology/ MACROPHAGES, cytology/ MALE/ MICE/ MICE, INBRED STRAINS/ MICROSCOPY, PHASE CONTRAST/ SERTOLI CELLS, cytology/ SERUM ALBUMIN, BOVINE/ SPERMATOZOA, cytology/ *TESTIS, cytology/ TRYPSIN

5142. **Meizel S:** Biochemical detection and activation of an inactive form of a trypsin-like enzyme in rabbit testes.
J Reprod Fertil 31:459-62, Dec 72
AMMONIUM SULFATE/ ANIMAL EXPERIMENTS/ DIALYSIS/ ENZYME ACTIVATION/ MALE/ PANCREAS, enzymology/ RABBITS/ SULFURIC ACIDS/ *TESTIS, enzymology/ TRYPSIN, analysis/ *TRYPSIN, metabolism

5143. **Mejía-Laguna JE, Martínez-Palomo A, Biro CE, et al:** Morphologic study of the participation of the complement system in hyperacute rejection of renal xenotransplants.
Am J Pathol 69:71-8, Oct 72
ANIMAL EXPERIMENTS/ BIOPSY/ BLOOD PLATELETS/ CHEMOTAXIS/ *COMPLEMENT/ DOGS/ FEMALE/ *GRAFT REJECTION/ GRAFT REJECTION, drug effects/ IMMUNE ADHERENCE REACTION/ KIDNEY, pathology/ *KIDNEY, transplantation/ KIDNEY GLOMERULUS, pathology/ LEUKOCYTES/ MALE/ MECHLORETHAMINE, pharmacodynamics/ MICROSCOPY, ELECTRON/ RABBITS/ TIME FACTORS/ *TRANSPLANTATION, HETEROLOGOUS/ VENOMS

5144. **Melamed MD:** Carboxyl terminal amino acid sequence of guinea pig 1 G.
Immunochemistry 9:1233-8, Dec 72
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ CYANOGEN BROMIDE/ GEL FILTRATION/ GUINEA PIGS/ *IGG, analysis/ IMMUNIZATION/ IMMUNOGLOBULINS, FC, analysis/ ISOLEUCINE, analysis/ PEPSIN/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PROLINE, analysis/ SERINE, analysis/ TRYPSIN

5145. **Meldahl HF, Aberg B:** Blod som råvara för läkemedel.
Lakartidningen 70:28-9, 3 Jan 73 (Swe)
*BLOOD/ BLOOD BANKS/ BLOOD DONORS/ BLOOD PRESERVATION/ DRUG COMPOUNDING/ DRUG INDUSTRY/ ECONOMICS/ HAITI/ HUMAN/ INTERNATIONAL COOPERATION/ *PLASMA/ *PLASMAPHERESIS/ SWEDEN

5146. **Melmed RN, Benitez CJ, Holt SJ:** Intermediate cells of the pancreas. 3. Selective autophagy and destruction of beta-granules in intermediate cells of the rat pancreas induced by alloxan and streptozotocin.
J Cell Sci 13:297-315, Jul 73
*ALLOXAN, pharmacodynamics/ ALLOXAN DIABETES, pathology/ ANIMAL EXPERIMENTS/ CYTOPLASM, drug effects/ *CYTOPLASMIC GRANULES, drug effects/ GLUCAGON, metabolism/ INJECTIONS, INTRAPERITONEAL/ ISLANDS OF LANGERHANS, cytology/ ISLANDS OF LANGERHANS, drug effects/ MICROSCOPY, ELECTRON/ *PANCREAS, cytology/ RATS/ SOY BEANS/ STREPTOZOTOCIN, pharmacodynamics/ *STREPTOZOTOCIN, pharmacodynamics/ TRYPSIN INHIBITORS

5147. **Melmed RN, Turner RC, Holt SJ:** Intermediate cells of the pancreas. II. The effects of dietary soybean trypsin inhibitor on acinar-beta cell structure and function in the rat.
J Cell Sci 13:279-95, Jul 73
ANIMAL EXPERIMENTS/ GLUCOSE, pharmacodynamics/ INJECTIONS, INTRAVENOUS/ INSULIN, blood/ INSULIN, metabolism/ INSULIN, physiology/ INSULIN, secretion/ ISLANDS OF LANGERHANS, drug effects/ MICROSCOPY, ELECTRON/ *PANCREAS, cytology/ PANCREAS, drug effects/ PANCREAS, enzymology/ RATS/ SECRETIN, pharmacodynamics/ SOY BEANS/ *TRYPSIN INHIBITORS, pharmacodynamics

5148. **Meltzer MS, Oppenheim JJ, Littman BH, et al:** Cell-mediated tumor immunity measured in vitro and in vivo with soluble tumor-specific antigens.
J Natl Cancer Inst 49:727-34, Sep 72
ANIMAL EXPERIMENTS/ *ANTIGENS, NEOPLASM/ ANTIGENS, NEOPLASM, isolation & purification/ ASCITIC FLUID, cytology/ BIOLOGICAL ASSAY/ CELL MIGRATION INHIBITION/ GUINEA PIGS/ *HEMATOMA, immunology/ HEPATOMA, chemically induced/ *IMMUNITY, CELLULAR/ IMMUNIZATION/ LIVER NEOPLASMS, chemically induced/ *LIVER NEOPLASMS, immunology/ LYMPHOCYTE TRANSFORMATION/ MACROPHAGES, immunology/ NITROSAMINES/ SKIN TESTS/ THYMIDINE, metabolism/ TRITIUM

5149. **Mende TJ:** Enhancement of the antihemostatic effect of acetylsalicylic acid by ring iodination.
Pharmacology 7:249-54, 1972
ANIMAL EXPERIMENTS/ ANTICOAGULANTS, pharmacodynamics/ ASPIRIN, administration & dosage/ *ASPIRIN, pharmacodynamics/ BLOOD COAGULATION TESTS/ DEPRESSION, CHEMICAL/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ *HEMOSTASIS/ INJECTIONS, INTRAPERITONEAL/ IODINE, administration & dosage/ *IODINE, pharmacodynamics/ MICE/ MICE, INBRED STRAINS/ PLATELET ADHESIVENESS, drug effects/ SALICYLIC ACID, pharmacodynamics/ STRUCTURE-ACTIVITY RELATIONSHIP

5150. **Mendelson CR, Scow RO:** Uptake of chylomicron-triglyceride by perfused mammary tissue of lactating rats.
Am J Physiol 223:1418-23, Dec 72
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *CHYLOMICRONS, metabolism/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ GLYCERIN, blood/ GLYCERIN, metabolism/ HYDROLYSIS/ *LACTATION/ LIPOPROTEIN LIPASE, metabolism/ MAMMAE, enzymology/ *MAMMAE, metabolism/ METHODS/ PALMITIC ACID, metabolism/ PERFUSION/ RATS/ REGIONAL BLOOD FLOW/ TRIGLYCERIDES, metabolism/ TRITIUM

5151. **Mendes DG:** Prophylactic treatment with dextran 70 in total hip replacement.
Clin Orthop 90:110-5, Jan-Feb 73
ADULT/ AGED/ ARTHRITIS, RHEUMATOID, surgery/ *ARTHROPLASTY/ COMPARATIVE STUDY/ *DEXTRAN, therapeutic use/ DRAINAGE/ FEMALE/ FEMUR HEAD NECROSIS, surgery/ HEMATOMA, etiology/ HEMATOMA, prevention & control/ HEMORRHAGE, GASTROINTESTINAL, etiology/ *HIP, surgery/ HUMAN/ INFUSIONS, PARENTERAL/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, etiology/ OSTEOARTHRITIS, surgery/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EDEMA, etiology/ PULMONARY EMBOLISM, etiology/ SURGICAL WOUND INFECTION, etiology/ SURGICAL WOUND INFECTION, prevention & control/ *THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, prevention & control/ *WARFARIN, therapeutic use

5152. **Mendez E, Frangione B, Franklin EC:** Structure of immunoglobulin A. Amino acid sequence of cysteine-containing peptides from the J chain.
Biochemistry 12:1119-24, 13 Mar 73
ALKYLATION/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CHROMATOGRAPHY, DEAE-CELLULOSE/ *CYSTEINE, analysis/ DANSYL COMPOUNDS/ DISULFIDES/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, PAPER/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL DIFFUSION TESTS/ GEL FILTRATION/ GENES/ GENETICS, BIOCHEMICAL/ HUMAN/ *IGA, analysis/ *IMMUNOGLOBULIN FRAGMENTS, analysis/ IMMUNOGLOBULINS, J CHAIN, analysis/ IMMUNOGLOBULINS, J CHAIN, isolation & purification/ MOLECULAR WEIGHT/ MYELOMA PROTEINS, analysis/ OXIDATION-REDUCTION/ PEPSIN/ THIOCYANATES/ TRYPSIN

5153. **Mendicino J, Kratowich N, Oliver RM:** Role of enzyme-enzyme interactions in the regulation of gluconeogenesis. Properties and subunit structure of fructose 1,6-diphosphatase from swine kidney.
J Biol Chem 247:6643-50, 25 Oct 72
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BINDING, COMPETITIVE/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS, PAPER/ FRUCTOSE DIPHOSPHATASE/ FRUCTOSE DIPHOSPHATASE, analysis/ GEL FILTRATION/ *GLUCONEOGENESIS/ GUANIDINES/ *HEXOSEDIPHOSPHATASE/ HYDRAZINES/ *KIDNEY, enzymology/ MACROMOLECULAR SYSTEMS/ MICROSCOPY, ELECTRON/ MOLECULAR WEIGHT/ PEPTIDES, isolation & purification/ PROTEIN DENATURATION/ SODIUM DODECYL SULFATE/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SWINE/ THIOCYANATES/ TRYPSIN/ ULTRACENTRIFUGATION

5154. **Menkes CJ, Allain JP, Gentil C, et al:** La synoviorthèse à l'acide osmique chez l'hémophile.
Rev Rhum Mal Osteoartic 40:255-8, Apr 73 (Fre)
ADOLESCENCE/ ADULT/ CHILD/ ELBOW JOINT/ ENGLISH ABSTRACT/ *HEMARTHROSIS, drug therapy/ HEMARTHROSIS, etiology/ *HEMOPHILIA, complications/ HUMAN/ INJECTIONS, INTRA-ARTICULAR/ KNEE JOINT/ *OSMIUM, administration & dosage/ OSMIUM, therapeutic use

5155. **Menotti A:** La stima quantitativa del rischio coronarico.
G Ital Cardiol 2:665-75, 1972 (Ita)
ARTERIOSCLEROSIS, occurrence/ BLOOD COAGULATION DISORDERS, complications/ *CORONARY DISEASE, etiology/ CORONARY DISEASE, occurrence/ ENGLISH ABSTRACT/ FINLAND/ GREECE/ HUMAN/ ITALY/ LIPIDS, metabolism/ NETHERLANDS/ PROBABILITY/ SMOKING/ UNITED STATES/ YUGOSLAVIA

5156. **Mentkevich LM, Zhdanova LV, Orlova TG, et al:** Deĭstvie geparina na interferonogennost' i interferentsiiu, vyzyvaemuiu virusom ili sinteticheskim polinukleotidom.
Vopr Virusol 17:401-4, Jul-Aug 72 (Rus)
DEXTRAN, antagonists & inhibitors/ *DEXTRAN, pharmacodynamics/ ENGLISH ABSTRACT/ *HEPARIN, pharmacodynamics/ *INFLUENZA VIRUSES/ *NEWCASTLE DISEASE VIRUS/ POLY I-C, antagonists & inhibitors/ *POLY I-C, pharmacodynamics/ *VESICULAR STOMATITIS VIRUS/ *VIRAL INTERFERENCE, drug effects/ *VIRUSES

5157. **Merchant NE:** Cavernous haemangioma of the cheek.
Dent Pract Dent Rec 22:436, Jul 72
*CHEEK/ *FACIAL NEOPLASMS/ FACIAL NEOPLASMS, pathology/ FEMALE/ *HEMANGIOMA, CAVERNOUS/ HEMANGIOMA, CAVERNOUS, pathology/ HUMAN/ MIDDLE AGE

5158. **Mercier JC, Brignon G, Ribadeau-Dumas B:** Structure primaire de la caséine kappa B bovine. Séquence complète.
Eur J Biochem 35:222-35, Jun 73 (Fre)
AMINO ACID SEQUENCE/ *CASEIN, analysis/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ CYSTEINE, analysis/ DISULFIDES/ ENGLISH ABSTRACT/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ MASS SPECTRUM ANALYSIS/ MOLECULAR WEIGHT/ PEPSIN/ PEPTIDES, analysis/ PROLINE, analysis/ PROTEIN CONFORMATION/ TRYPSIN

5159. **Mergard U, Köhnlein HE:** Die Wirkung verschiedener Hämostyptica im Tierversuch.
Chirurg 43:411-5, Sep 72 (Ger)
AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ CARBON TETRACHLORIDE/ CYCLOHEXANECARBOXYLIC ACIDS, pharmacodynamics/ ENGLISH ABSTRACT/ *HEMOSTATICS, pharmacodynamics/ LIVER, surgery/ MALE/ PEPTIDE HYDROLASES, pharmacodynamics/ PHYTONADIONE, pharmacodynamics/ RATS/ RATS, INBRED STRAINS/ SNAKES/ SURGERY, OPERATIVE/ THROMBOPLASTIN, pharmacodynamics/ VENOMS

5160. **Merguet H:** Technische Modifikation der Mesenterialplicatur nach Noble-Childs.
Chirurg 44:308-10, Jul 73 (Ger)
ADHESIONS/ HUMAN/ *MESENTERY, surgery/ METHODS/ *PERITONITIS, surgery/ *SUTURE TECHNICS

5161. **Meritt DA Jr:** Edentate diets. I. Armadillos.
Lab Anim Sci 23:540-2, Aug 73
ANIMAL EXPERIMENTS/ ANIMAL FEED/ *ANIMALS, LABORATORY/ *DIET/ *EDENTATA, metabolism/ NUTRITIONAL REQUIREMENTS/ VITAMIN K, metabolism

5162. **Merrick S, Ledley RS, Lubs HA:** Production of G and C

banding with progressive trypsin treatment.
Pediatr Res 7:39-44, Jan 73
*CHROMOSOMES/ *CYTOLOGICAL TECHNICS/ DNA/ HUMAN/ KARYOTYPING/ MITOSIS/ NUCLEIC ACID DENATURATION/ NUCLEIC ACID RENATURATION/ STAINS AND STAINING/ TIME FACTORS/ *TRYPSIN

5163. **Merritt CB, Darrow CC 2d, Vaal L, et al:** Rescue of rhesus monkeys from acute lethal graft-versus-host disease using cyclophosphamide and frozen autologous bone marrow.
Transplantation 15:154-9, Jan 73
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, immunology/ BONE MARROW CELLS, immunology/ BONE MARROW CELLS, radiation effects/ *BONE MARROW CELLS, transplantation/ CYCLOPHOSPHAMIDE, administration & dosage/ *CYCLOPHOSPHAMIDE, therapeutic use/ *DISEASE MODELS, ANIMAL, immunology/ FREEZING/ *GRAFT VS HOST REACTION/ GRAFT VS HOST REACTION, radiation effects/ HOMOLOGOUS WASTING DISEASE, drug therapy/ *HOMOLOGOUS WASTING DISEASE, immunology/ HOMOLOGOUS WASTING DISEASE, prevention & control/ LEUKOCYTES, immunology/ *MACACA, immunology/ MONKEYS/ RADIATION EFFECTS/ RETICULOCYTES, immunology/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY

5164. **Mersereau WA, Moore S, Fernandez H:** Renal renin in experimental nephrosclerosis.
J Pathol 108:319-27, Dec 72
ANGIOTENSIN/ ANIMAL EXPERIMENTS/ AORTA, THORACIC/ ARTERIES, pathology/ BLOOD PLATELETS/ BLOOD PRESSURE/ EMBOLISM/ HYPERTENSION, RENAL, pathology/ *HYPERTENSION, RENAL, physiopathology/ *KIDNEY, analysis/ *NEPHROSCLEROSIS, physiopathology/ RABBITS/ *RENIN, analysis

5165. **Merskey C:** Defibrination syndrome or?
Blood 41:599-603, Apr 73
BLOOD COAGULATION FACTORS/ *DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *FIBRINOGEN, metabolism/ HEMORRHAGE, chemically induced/ HEPARIN, adverse effects/ HEPARIN, therapeutic use

5166. **Merskey C, Johnson AJ, Laiezari P:** Fibrin lysis by thrombin elevating levels of fibrinogen and fibrin-related antigen (FR-antigen) in human serum as shown by Auto Analyzer assay.
J Clin Pathol 25:623, Jul 72
*ANTIGENS, analysis/ AUTOANALYSIS/ *FIBRIN, analysis/ *FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ IMMUNOASSAY/ *THROMBIN

5167. **Mertz DP:** Wirkungen von Trasylol auf die Elektrolytsekretion der submaximal stimulierten menschlichen Magenschleimhaut.
Verh Dtsch Ges Inn Med 77:496-7, 1971 (Ger)
ELECTROLYTES/ *GASTRIC JUICE, secretion/ GASTRIC MUCOSA, drug effects/ HUMAN/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ PYRAZOLES, pharmacodynamics

5168. **Meryman HT, Hornblower M:** Changes in red cells following rapid freezing with extracellular cryoprotective agents. Cryobiology 9:262-7, Aug 72
BLOOD PRESERVATION/ CELL MEMBRANE PERMEABILITY/ *CRYOPROTECTIVE AGENTS/ DIPHOSPHOGLYCERIC ACIDS, blood/ *ERYTHROCYTES/ ERYTHROCYTES, drug effects/ EXTRACELLULAR SPACE/ *FREEZING/ HUMAN/ POTASSIUM, blood/ WATER-ELECTROLYTE BALANCE

5169. **Merz GS Jr, Ross JD:** Clone size variation in the human diploid cell strain, WI-38.
J Cell Physiol 82:75-80, Aug 73
*CELL DIVISION/ CELL DIVISION, drug effects/ *CELL LINE/ CELLS, CULTURED/ *CLONE CELLS/ CULTURE MEDIA/ HUMAN/ LUNG/ TIME FACTORS/ TRYPSIN, pharmacodynamics

5170. **Meskó K, Katona K:** Zur Prevention der Cumarinnekrosen. Praxis 61:861-4, 27 Jun 72 (Ger)
ADULT/ *COUMARINS, adverse effects/ FEMALE/ HUMAN/ MIDDLE AGE/ NECROSIS, chemically induced/ *NECROSIS, prevention & control/ THROMBOPHLEBITIS, chemically induced/ THROMBOPHLEBITIS, prevention & control/ VITAMIN K, therapeutic use

5171. **Meskó K, Kovács E, Kolumbusz L, et al:** B típusú Willebrand-Jürgens syndroma. Családkutatás.
Orv Hetil 113:2571-8, 22 Oct 72 (Hun)
ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ MALE/ MIDDLE AGE/ PEDIGREE/ *VON WILLEBRAND'S DISEASE, familial & genetic

5172. **Messmer BJ, Okies JE, Hallman GL, et al:** Aortic valve replacement: two years' experience with the Björk-Shiley tilting-disc prosthesis.
Surgery 72:722-9, Nov 72
ANTICOAGULANTS/ AORTIC ANEURYSM, surgery/ *AORTIC VALVE, surgery/ AORTIC VALVE INSUFFICIENCY, surgery/ AORTIC VALVE STENOSIS, surgery/ CORONARY DISEASE, surgery/ EVALUATION STUDIES/ FOLLOW-UP STUDIES/ HEART DEFECTS, CONGENITAL, surgery/ HEART VALVE PROSTHESIS/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, mortality/ HUMAN/ MITRAL VALVE INSUFFICIENCY, surgery/ MITRAL VALVE STENOSIS, surgery/ THROMBOEMBOLISM, etiology

5173. **Messmer FJ, Gattiker K, Rothlin M, et al:** Reconstruction of the mitral valve.
Ann Thorac Surg 16:30-43, Jul 73
ADOLESCENCE/ ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ EMBOLISM, etiology/ FEMALE/ HEART CATHETERIZATION/ HEART VALVE DISEASES, classification/ HUMAN/ INFANT/ MALE/ METHODS/ MIDDLE AGE/ *MITRAL VALVE, surgery/ MITRAL VALVE INSUFFICIENCY, mortality/ *MITRAL VALVE INSUFFICIENCY, surgery/ POSTOPERATIVE COMPLICATIONS/ TRICUSPID VALVE INSUFFICIENCY, surgery/ VENTRICULAR FIBRILLATION, drug therapy

5174. **Mester L, Haimos T, Guinebault PR, et al:** Dosage des préparations de facteur 8 contenant du fibrinogéne au cours deleur désialinisation progressive.
C R Acad Sci [D] (Paris) 276:209-11, 8 Jan 73 (Fre)
CHEMISTRY, ANALYTICAL/ *FACTOR VIII, analysis/ FACTOR VIII, isolation & purification/ *FIBRINOGEN/ *FUCOSE, analysis/ *NEURAMINIC ACIDS/ NEURAMINIDASE/ OXIDOREDUCTASES/ SPECTROPHOTOMETRY, ULTRAVIOLET

5175. **Mester L, Mester M:** Mode d'action des dérivés glucidiques de l'anémie dans l'agrégation plaquettaire.
Nouv Rev Fr Hematol 12:705-6, Sep-Oct 72 (Fre)
*ADENINE NUCLEOTIDES, pharmacodynamics/ ANEMIA, metabolism/ *BLOOD PLATELETS, drug effects/ *CELL AGGREGATION, drug effects/ *NUCLEOSIDES, pharmacodynamics

5176. **Mester M, Mester L:** Mode of action of some oxidized sugar derivatives of adenine on platelet aggregation.
Pathol Biol (Paris) Suppl:11-4, Dec 72
*ADENOSINE, pharmacodynamics/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ALDEHYDES, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ *CELL AGGREGATION, drug effects/ HUMAN/ OXIDATION-REDUCTION/ STRUCTURE-ACTIVITY RELATIONSHIP

5177. **Mészáros J, Krausz J, Bartók I:** Thymus-Dysplasie.
Zentralbl Allg Pathol 116:266-71, 1972 (Ger)
ANEMIA, complications/ BRONCHOPNEUMONIA, complications/ FEMALE/ FURUNCULOSIS, complications/ HEPATOMEGALY, complications/ HUMAN/ INFANT/ INFANT, PREMATURE/ LYMPH NODES, pathology/ OTITIS MEDIA, complications/ SEPTICEMIA, complications/ SPLENOMEGALY, complications/ STAPHYLOCOCCAL INFECTIONS, complications/ THROMBOPENIA, complications/ *THYMUS GLAND, abnormalities/ THYMUS GLAND, pathology

5178. **Metais P, Bieth J:** Les inhibiteurs de protèases.
Ann Biol Clin (Paris) 30:413-6, 1972 (Fre)
*PEPTIDE HYDROLASES, antagonists & inhibitors

5179. **Metcalf WK, Metcalf NF:** Platelets, pregnancy, and phytohemagglutinin.
Am J Obstet Gynecol 114:602-6, 1 Nov 72
BLOOD PLATELETS, immunology/ FEMALE/ HUMAN/ IMMUNITY, CELLULAR/ IMMUNOLOGIC TECHNICS/ *LYMPHOCYTES, immunology/ MALE/ MENSTRUATION/ *PLANT AGGLUTININS, pharmacodynamics/ PREGNANCY/ *PREGNANCY

5180. **Mettler L, Selchow BM:** Oral contraceptives and platelet function.
Thromb Diath Haemorrh 28:213-20, 31 Oct 72
ADOLESCENCE/ ADULT/ BLOOD CELL COUNT/ *BLOOD PLATELETS, drug effects/ CELL AGGREGATION, drug effects/ *ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ HUMAN/ *MESTRANOL, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ THROMBELASTOGRAPHY

5181. **Metz J:** Observations on the mechanism of the haematological changes in the haemolytic uraemic syndrome of infancy.
Br J Haematol 23:Suppl:53-9, Sep 72
*ANEMIA, HEMOLYTIC, ACQUIRED, etiology/ BLOOD COAGULATION/ BLOOD PLATELETS/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ERYTHROCYTE AGING/ FIBRINOGEN, metabolism/ FIBRINOLYTIC AGENTS, therapeutic use/ HEMOLYTIC-UREMIC SYNDROME, drug therapy/ HEMOLYTIC-UREMIC SYNDROME, etiology/ HEMOLYTIC-UREMIC SYNDROME, metabolism/ HEPARIN, therapeutic use/ HUMAN/ INFANT/ IODINE ISOTOPES/ KIDNEY FAILURE, ACUTE/ THROMBOPENIA, blood/ *UREMIA, etiology

5182. **Metz J, Stau T, Taugner R:** Uber die Pharmakokinetik von Heparin und Heparinoiden.
Verh Dtsch Ges Inn Med 78:1570-4, 1972 (Ger)
ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ HEPARIN, blood/ *HEPARIN, pharmacodynamics/ HEPARINOID, blood/ *HEPARINOID, pharmacodynamics/ RATS/ SULFUR ISOTOPES

5183. **Metzger JJ, Houdayer M:** Subclasses of porcine immunoglobulins G. Production of subclass specific antisera with S-sulfonated gamma chains.
Eur J Immunol 2:127-30, Apr 72
ANIMAL EXPERIMENTS/ *ANTIBODY SPECIFICITY/ ANTIGENIC DETERMINANTS/ ANTIGENS/ CATTLE/ CROSS REACTIONS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HUMAN/ *IGG, classification/ *IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ *IMMUNOGLOBULIN FRAGMENTS/ PEPSIN, pharmacodynamics/ RABBITS, immunology/ SOLUBILITY/ SPECIES SPECIFICITY/ *SULFONIC ACIDS/ SWINE/ TRYPSIN, pharmacodynamics

5184. **Metzger JM, Secker-Walker RH, Krohn KA, et al:** Unsatisfactory biologic behavior of I-fibrinogen labeled by the chloramine-T method.
J Lab Clin Med 82:267-75, Aug 73
ANIMAL EXPERIMENTS/ BLADDER, metabolism/ *CHLORAMINES, blood/ CHLORIDES, metabolism/ DOGS/ *FIBRINOGEN, metabolism/ FIBRINOGEN, physiology/ IODINE ISOTOPES, blood/ LIVER, metabolism/ LUNG, metabolism/ METABOLIC CLEARANCE RATE/ METHODS/ MOLECULAR WEIGHT/ MYOCARDIUM, metabolism/ SALIVARY GLANDS, metabolism/ SCINTILLATION COUNTERS/ SPLEEN, metabolism/ STOMACH, metabolism/ THYROID GLAND, metabolism/ TIME FACTORS/ TRICHLOROACETIC ACID

5185. **Metzl J, Rádler A, Schmidt F, et al:** Untersuchungen über die Wirkung der Antienzymtherapie auf die experimentelle Pankreatitis am Hund.
Z Exp Chir 4:107-14, 1971 (Ger)
ANIMAL EXPERIMENTS/ DISEASE MODELS, ANIMAL/ DOGS/ ENGLISH ABSTRACT/ FEMALE/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ *PANCREATITIS, drug therapy/ PANCREATITIS, pathology/ TIME FACTORS/ TRYPSIN INHIBITORS, therapeutic use

5186. **Meyer C, Ötteni F, Dufour A, et al:** L'allergie aux antienzymes. Lyon Chir 68:200-1, May-Jun 72 (Fre)
ADRENAL CORTEX HORMONES, therapeutic use/ ANTIHISTAMINICS, therapeutic use/ CHRONIC DISEASE/ *DRUG HYPERSENSITIVITY/ HUMAN/ *KALLIKREIN-TRYPSIN INACTIVATOR, adverse effects/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ MIDDLE AGE/ *PANCREATITIS, drug therapy/ SKIN TESTS

5187. **Meyer D:** In vitro platelet adhesiveness. Methods of study and clinical significance.
Adv Exp Med Biol 34:123-47, 1972
ADENOSINE DIPHOSPHATE, metabolism/ ANTICOAGULANTS, pharmacodynamics/ BLOOD PROTEINS/ CITRATES/ ERYTHROCYTES/ FIBRINOGEN/ GLASS/ HEMOPHILIA, diagnosis/ HUMAN/ IMMUNE SERUMS/ IN VITRO/ *PLATELET ADHESIVENESS/ THROMBIN, metabolism/ VON WILLEBRAND'S DISEASE, diagnosis

5188. **Meyer U, Ritter J, Wenk H:** Zur Chemodifferenzierung der Hippocampusformation in der postnatalen Entwicklung der Albinoratte. I. Oxydoreduktasen.
J Hirnforsch 13:235-53, 1971-72 (Ger)
AGE FACTORS/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ CYTOCHROME OXIDASE, analysis/ ENGLISH ABSTRACT/ FEMALE/ GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ GLYCEROLPHOSPHATE DEHYDROGENASE, analysis/ *HIPPOCAMPUS, enzymology/ HIPPOCAMPUS, growth & development/ HISTOCYTOCHEMISTRY/ HYDROXYBUTYRATE DEHYDROGENASE, analysis/ LACTATE DEHYDROGENASE, analysis/ MALE/ NAD/ NADH, NADPH OXIDOREDUCTASES, analysis/ NADP/ *OXIDOREDUCTASES, analysis/ PHOSPHOGLUCONATE DEHYDROGENASE, analysis/ *RATS, growth & development/ SUCCINATE DEHYDROGENASE, analysis/ TETRAZOLIUM SALTS/ VITAMIN K

5189. **Meyer-Burg J:** Störungen der Blutgerinnung bei Lebererkrankungen.
Med Klin 68:187-91, 9 Feb 73 (Ger)
*BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION FACTORS, biosynthesis/ BLOOD COAGULATION TESTS/ BLOOD PLATELET DISORDERS, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FIBRINOLYSIS/ HUMAN/ *LIVER DISEASES, complications

5190. **Meyer-Burg J:** Zur antihepatotoxischen Wirksamkeit von Silymarin bei der Galactosamin-Hepatitis der Ratte.

Klin Wochenschr 50:1062-3, 15 Nov 72 (Ger)
ALANINE AMINOTRANSFERASE, blood/ ALCOHOLS, therapeutic use/ ANIMAL EXPERIMENTS/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ *DISEASE MODELS, ANIMAL/ ENGLISH ABSTRACT/ FEMALE/ *FLAVONES, therapeutic use/ *GALACTOSAMINE, pharmacodynamics/ *HEPATITIS, chemically induced/ *HEPATITIS, TOXIC/ LACTATE DEHYDROGENASE, blood/ LIVER, drug effects/ PROTHROMBIN TIME/ *RATS/ SUCCINATE DEHYDROGENASE, blood

5191. **Meyrier A, Devergie A, Leroux-Robert C, et al:** Néphropathies glomérularies traitées par les anticoagulants. Evolution particuliére en immunogluorescence suivie par biopsies rénales itératives.
J Urol Nephrol (Paris) 78:738-40, Sep 72 (Fre)
ADULT/ ANTI-ANTIBODIES, analysis/ *ANTICOAGULANTS, therapeutic use/ ANTIGEN-ANTIBODY REACTIONS/ BIOPSY/ FEMALE/ FIBRINOGEN, antagonists & inhibitors/ *FLUORESCENT ANTIBODY TECHNIC/ GLOMERULONEPHRITIS, drug therapy/ HUMAN/ IGA, analysis/ IGG, analysis/ IGM, analysis/ IMMUNE SERUMS/ KIDNEY, pathology/ *KIDNEY DISEASES, drug therapy/ KIDNEY DISEASES, immunology/ KIDNEY DISEASES, pathology/ *KIDNEY GLOMERULUS/ KIDNEY GLOMERULUS, immunology/ MALE/ NEPHROTIC SYNDROME, drug therapy/ PREGNANCY/ VITAMIN K, antagonists & inhibitors

5192. **Mezić V:** Savremeno tretiranje nekih formi hroničnih otitisa. Srp Arh Celok Lek 100:1081-5, Sep 72 (Ser)
ACETYLCYSTEINE, therapeutic use/ CHRONIC DISEASE/ CHYMOTRYPSIN, therapeutic use/ HUMAN/ *OTITIS, drug therapy/ OTITIS MEDIA, drug therapy/ TRYPSIN, therapeutic use

5193. **Michael RJ:** Zur Behandlung entzündlicher Odeme bei bauchchirurgischen Eingriffen.
Ther Ggw 111:1623 passim, Nov 72 (Ger)
*ABDOMEN, surgery/ AESCULUS, therapeutic use/ *ANTI-INFLAMMATORY AGENTS, therapeutic use/ *EDEMA, drug therapy/ INFLAMMATION, drug therapy/ *POSTOPERATIVE COMPLICATIONS, drug therapy/ SAPONINS, therapeutic use/ WOUND HEALING

5194. **Michaeli D, Chiperkovski M, Gafni Y:** [Clinico-pathological conference: abdominal pain, fever, vomiting, glutathione deficiency, hepatomegaly, leucocytosis, thrombocytosis]
Harefuah 82:575-80, 15 Jun 72 (Heb)
AUTOPSY/ *BRONCHIECTASIS, diagnosis/ BRONCHIECTASIS, pathology/ DEFICIENCY DISEASES, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ *EMPYEMA, diagnosis/ EMPYEMA, pathology/ FEMALE/ FEVER, etiology/ GLUTATHIONE, metabolism/ HEPATOMEGALY, etiology/ HUMAN/ LEUKOCYTOSIS, etiology/ LUNG, pathology/ LUNG, radiography/ *LUNG ABSCESS, diagnosis/ LUNG ABSCESS, pathology/ MIDDLE AGE/ THROMBOCYTOSIS, etiology/ VOMITING, etiology

5195. **Michailov M, Zlateva M, Dimitrov P, et al:** Etude de l'influence de la substance anticholinestérasique-Nivaline-sur le développement de l'athérosclérose expérimentale.
Cor Vasa 13:291-5, 1971 (Fre)
ANIMAL EXPERIMENTS/ ARTERIOSCLEROSIS, drug therapy/ *ARTERIOSCLEROSIS, metabolism/ CHOLESTEROL, DIETARY/ CHOLINESTERASE INHIBITORS, administration & dosage/ *CHOLINESTERASE INHIBITORS, metabolism/ CHOLINESTERASE INHIBITORS, therapeutic use/ DIET, ATHEROGENIC/ DISEASE MODELS, ANIMAL/ ENGLISH ABSTRACT/ GALANTHAMINE, administration & dosage/ *GALANTHAMINE, metabolism/ GALANTHAMINE, therapeutic use/ MODELS, BIOLOGICAL/ RABBITS

5196. **Michal F:** Measurement of platelet aggregation and shape change. Adv Exp Med Biol 34:257-62, 1972
ADENOSINE DIPHOSPHATE, pharmacodynamics/ *BLOOD PLATELETS, cytology/ HUMAN/ PHOTOMETRY/ *PLATELET ADHESIVENESS

5197. **Michal F, Born GV, Mester L, et al:** Effect of 5-hydroxytryptamine on the potassium ion exchange of human platelets enriched in sialic acid.
Biochem J 129:977-8, Oct 72
BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ *BLOOD PLATELETS, drug effects/ CARBON ISOTOPES/ CELL MEMBRANE PERMEABILITY, drug effects/ CENTRIFUGATION/ HUMAN/ IN VITRO/ ION EXCHANGE/ *NEURAMINIC ACIDS, pharmacodynamics/ *POTASSIUM, metabolism/ *SEROTONIN, pharmacodynamics

5198. **Michalowski W:** Przypadek współistnienia dwóch postaci nowotworów złośliwych u 32-letniego mężczyzny.
Wiad Lek 26:853-5, 1 May 73 (Pol)
*ABDOMINAL NEOPLASMS/ ADULT/ ENGLISH ABSTRACT/ HUMAN/ *LEIOMYOSARCOMA/ *LUNG NEOPLASMS/ MALE/ NEOPLASM METASTASIS/ THROMBOPENIA, complications

5199. **Michel C:** Données biochimiques sur la sécrétion de trypsine dans le pharynx de 2 Annélides Polychètes.
Ann Histochim 17:243-9, Jul-Sep 72 (Fre)
ANIMAL EXPERIMENTS/ ANNELIDA, enzymology/ ENGLISH ABSTRACT/ EPITHELIAL CELLS, enzymology/ HISTOCYTOCHEMISTRY/ PHARYNX, cytology/ *PHARYNX, enzymology/ *TRYPSIN, analysis/ TRYPSIN INHIBITORS, pharmacodynamics

5200. **Michel C, Robin Y:** Premières données biochimiques sur les glandes à venin de Glycera convoluta Keferstein (Annélide Polychète.
C R Soc Biol (Paris) 166:853-7, 1972 (Fre)
*ANNELIDA/ ANNELIDA, anatomy & histology/ ANNELIDA, physiology/ CARBOXYPEPTIDASES, analysis/ CHYMOTRYPSIN, analysis/ PEPTIDE PEPTIDOHYDROLASES, analysis/ TRYPSIN, analysis/ *VENOMS, analysis

5201. **Michel D:** Was ist gesichert in der Therapie der Koronarinsuffizienz.
Fortschr Med 90:889-92, 14 Sep 72 (Ger)
ADRENERGIC BETA RECEPTOR BLOCKADERS, therapeutic use/ ANGINA PECTORIS, drug therapy/ ANTICOAGULANTS, therapeutic use/ CARDIAC GLYCOSIDES, therapeutic use/ *CORONARY DISEASE, drug therapy/ HUMAN/ NITRITES, therapeutic use/ OXYGEN CONSUMPTION, drug effects/ SYMPATHOLYTICS, therapeutic use

5202. **Michel D, Tommasi M, Favre-Gilly J, et al:** Cancer ovarien avec thromboses vasculaires diffuses. Atteinte endocardique artérielle et veineuse. Coagulation intra-vasculaire disséminée avec cryofibrinogène.
Nouv Presse Med 1:2753-8, 18 Nov 72 (Fre)
CASE REPORT/ CEREBROVASCULAR DISORDERS, etiology/ COLD/ *CYSTADENOCARCINOMA, complications/ DIPLOPIA, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ EDEMA, etiology/ ENCEPHALOMALACIA, etiology/ *ENDOCARDITIS, etiology/ *FIBRINOGEN/ FOOT DISEASES, etiology/ GANGRENE, etiology/ HEMIPLEGIA, etiology/ HEPARIN, therapeutic use/ HUMAN/ ISCHEMIA, etiology/ MIDDLE AGE/ *OVARIAN NEOPLASMS, complications/ *THROMBOPHLEBITIS, etiology/

*THROMBOSIS, etiology/ VENA CAVA, SUPERIOR

5203. **Michel FB:** A propos des divers moyens de défense de l'appareil respiratoire et de leurs défaillances.
Nouv Presse Med 2:643-6, 10 Mar 73 (Fre)
BIOMECHANICS/ BRONCHI, physiology/ BRONCHI, secretion/ FILTRATION/ HUMAN/ IGA/ IMMUNITY, CELLULAR/ IMMUNOLOGIC DEFICIENCY SYNDROMES/ MURAMIDASE/ PHAGOCYTOSIS/ PULMONARY SURFACTANT, physiology/ RESPIRATORY SYSTEM, immunology/ *RESPIRATORY SYSTEM, physiology/ *RESPIRATORY TRACT DISEASES, physiopathology/ TRYPSIN INHIBITORS

5204. **Michiels J, Dernouchamps JP:** Le dosage des protéines de l'humeur aqueuse en clinique.
Arch Ophtalmol (Paris) 32:745-57, Nov 72 (Fre)
ALBUMINS, analysis/ *AQUEOUS HUMOR, analysis/ ATROPHY/ BLOOD PROTEINS, analysis/ *CILIARY BODY/ DENSITOMETRY/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ *EYE PROTEINS, analysis/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNOGLOBULINS, analysis/ *IRIS/ MOLECULAR WEIGHT/ MUCOPROTEINS, analysis/ TRANSFERRIN, analysis/ TRYPSIN INHIBITORS, analysis/ *UVEITIS

5205. **Michlmayr G, Huber C, Judmaier G, et al:** Die behandlung von aplastischen Anämien Erfahrungen mit Oxymetholon.
Dtsch Med Wochenschr 98:1026-8 passim, 18 May 73 (Ger)
ADULT/ AGED/ ALANINE AMINOTRANSFERASE, blood/ ALKALINE PHOSPHATASE, blood/ *ANEMIA, APLASTIC, drug therapy/ ASPARTATE AMINOTRANSFERASE, blood/ BLOOD PLATELETS, drug effects/ BONE MARROW CELLS, drug effects/ EDEMA, chemically induced/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FEMALE/ FOLLOW-UP STUDIES/ HEMOGLOBIN/ HUMAN/ JAUNDICE, chemically induced/ LEUKOCYTES, drug effects/ MALE/ MIDDLE AGE/ OXYMETHOLONE, adverse effects/ OXYMETHOLONE, pharmacodynamics/ *OXYMETHOLONE, therapeutic use/ REMISSION/ RETICULOCYTES, drug effects/ TIME FACTORS/ VIRILISM, chemically induced

5206. **Middleton PH, Jones EW, Fielding JF:** Intramural hematoma of the duodenum complicating peroral intestinal biopsy with a Crosby capsule.
Gastroenterology 63:869-71, Nov 72
ADOLESCENCE/ *BIOPSY, adverse effects/ *DUODENAL DISEASES, etiology/ FEMALE/ *HEMATOMA, etiology/ HUMAN/ INTESTINES, pathology

5207. **Middleton SM, Bennett IH, Smith JK:** A therapeutic concentrate of coagulation factors II, IX and X from citrated, factor VIII-depleted plasma.
Vox Sang 24:441-56, May 73
*BLOOD COAGULATION FACTORS, isolation & purification/ BLOOD COAGULATION FACTORS, therapeutic use/ BLOOD COAGULATION TESTS/ CHRISTMAS DISEASE, therapy/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ CITRATES/ *FACTOR VIII, isolation & purification/ *FACTOR IX, isolation & purification/ FACTOR IX, therapeutic use/ *FACTOR X, isolation & purification/ FACTOR X, therapeutic use/ HUMAN/ PYROGENS/ THROMBIN, analysis/ THROMBOPLASTIN, analysis

5208. **Mielke CH Jr, Ramos JC, Britten AF:** Aspirin as an antiplatelet agent: template bleeding time as a monitor of therapy.
Am J Clin Pathol 59:236-42, Feb 73
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADULT/ *ASPIRIN, pharmacodynamics/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS, drug effects/ COLLAGEN, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ EPINEPHRINE, pharmacodynamics/ FEMALE/ HEMOSTASIS/ HUMAN/ MALE/ METHODS/ PLATELET ADHESIVENESS, drug effects/ TIME FACTORS

5209. **Mierzejewski T, Wierciński J:** Badanie proteinaz w moczu królików po dożylnych iniekcjach białka. II. Stałe kinetyczne dla kazeinolitycznej proteinazy w moczu królików indukowanych kazeiną.
Ann Univ Mariae Curie Sklodowska [Med] 26:99-107, 1971 (Pol)
ACETONE, urine/ ANIMAL EXPERIMENTS/ CASEIN, metabolism/ *CASEIN, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ MALE/ *PEPTIDE HYDROLASES, urine/ PRECIPITATION/ RABBITS/ SPECTROPHOTOMETRY

5210. **Miescher PA:** Immunsuppressive Therapie bei immunhämatologischen Erkrankungen.
Verh Dtsch Ges Inn Med 78:764-5, 1972 (Ger)
*ANEMIA, HEMOLYTIC, AUTOIMMUNE, drug therapy/ AZATHIOPRINE, therapeutic use/ HUMAN/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ MERCAPTOPURINE, therapeutic use/ *THROMBOPENIA, drug therapy

5211. **Miglets AW Jr:** E.N.T. case of the month.
Ohio State Med J 69:114 passim, Feb 73
ADULT/ *HEMATOMA, diagnosis/ HUMAN/ MALE/ *NASAL SEPTUM/ *NOSE DISEASES, diagnosis

5212. **Miglets AW Jr:** E.N.T. case of the month.
Ohio State Med J 68:854 passim, Sep 72
ANGIOGRAPHY/ *ANGIOMA, SCLEROSING, radiography/ CHILD/ HUMAN/ MALE/ *NASOPHARYNGEAL NEOPLASMS, radiography

5213. **Mikac-Dević D, Stanković H, Bošković K:** A method for determination of free fatty acids in serum.
Clin Chim Acta 45:55-9, 19 Apr 73
ADOLESCENCE/ ADULT/ AGED/ COMPARATIVE STUDY/ COPPER/ DRUG STABILITY/ ETHANOLAMINES/ EVALUATION STUDIES/ *FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HEPARIN/ HUMAN/ LECITHINS/ MALE/ METHODS/ MICROCHEMISTRY/ MIDDLE AGE/ NITRATES/ PHENYLHYDRAZINE/ PHOSPHOLIPIDS, blood/ REGRESSION ANALYSIS/ SEX FACTORS/ TIME FACTORS

5214. **Mikhailova LI, Kochina EN, Sharova IuA:** Nekotorye pokazateli fermentativnoĭ aktivnosti syvorotki i sistemy svertyvaniia krovi u bol'nykh zhelezodefitsitnymi anemiiami.
Lab Delo 4:212-4, 1972 (Rus)
*ANEMIA, HYPOCHROMIC, blood/ ANEMIA, HYPOCHROMIC, enzymology/ ANEMIA, HYPOCHROMIC, physiopathology/ *BLOOD COAGULATION/ HUMAN/ LIVER, physiopathology

5215. **Mikhalev VV:** Nekotorye pokazateli sistemy svertyvaniia krovi u zdorovykh liudei raznogo vozrasta.
Lab Delo 11:694-7, 1972 (Rus)
ADULT/ AGE FACTORS/ AGED/ *BLOOD COAGULATION/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE

5216. **Mikhalevich PF:** Lechenie artrogennykh kontraktur trasiloiom u bol'nykh revmatoidnym artritom.
Klin Med (Mosk) 50:110-2, Aug 72 (Rus)
ADULT/ AGED/ *ARTHRITIS, RHEUMATOID, complications/ *CONTRACTURE, drug therapy/ CONTRACTURE, etiology/ FEMALE/ HUMAN/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MIDDLE AGE

5217. **Mikiaszewska M, Nowak A:** Immunologic analysis of noncollagen proteins of human skin.
Arch Immunol Ther Exp (Warsz) 20:877-84, 1972
ADOLESCENCE/ ADULT/ ALBUMINS, analysis/ AUTOPSY/ BLOOD PROTEIN DISORDERS, immunology/ *BLOOD PROTEINS,

analysis/ GEL DIFFUSION TESTS/ HAPTOGLOBINS, analysis/ HUMAN/ IGA, analysis/ IGG, analysis/ IGM, analysis/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ LIPOPROTEINS, analysis/ MACROGLOBULINS, analysis/ MIDDLE AGE/ *PROTEINS, analysis/ SKIN, analysis/ *SKIN, immunology/ TRYPSIN INHIBITORS, analysis

5218. **Mikolášek J:** Direct evidence for rejection of tumour allografts in Str. pyogenes toxins-treated mice correlated with antistreptolysine O level in serum. Neoplasma 19:507-18, 1972
ANIMAL EXPERIMENTS/ *ANTISTREPTOLYSIN, blood/ CILIARY BODY/ *CYSTADENOCARCINOMA, immunology/ *ENDOTOXINS, pharmacodynamics/ EPITHELIAL CELLS/ FEMALE/ GRAFT VS HOST REACTION/ HYALURONIDASE, administration & dosage/ IMMUNIZATION/ MALE/ MAMMARY NEOPLASMS, EXPERIMENTAL/ MICE/ NEOPLASM TRANSPLANTATION/ NEOPLASMS, EXPERIMENTAL, immunology/ STAINS AND STAINING/ *STREPTOCOCCUS PYOGENES, immunology/ STREPTODORNASE AND STREPTOKINASE, administration & dosage/ STREPTOLYSIN, administration & dosage/ TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION IMMUNOLOGY

5219. **Mikulicz-Radecki J von, Heim M, Rapp W:** Uber den immunologischen Nachweis eines sauren alpha 1-Glykoproteins in in-vivo neutralisiertem Magensaft (NMS) von Patienten mit Magencarcinom und metaplastischen Schleimhautveränderungen. Verh Dtsch Ges Inn Med 78:845-7, 1972 (Ger)
ADULT/ AGED/ ALBUMINS, analysis/ FEMALE/ *GASTRIC JUICE, analysis/ GASTRITIS, pathology/ *GLYCOPROTEINS, analysis/ HUMAN/ IGG, analysis/ IGM, analysis/ MALE/ METAPLASIA/ MIDDLE AGE/ *STOMACH DISEASES, pathology/ *STOMACH NEOPLASMS, pathology/ TRANSFERRIN, analysis/ TRYPSIN INHIBITORS, analysis

5220. **Mildner T:** Eine Gewissensfrage an Maimonides. Med Klin 67:1091-3, 25 Aug 72 (Ger)
*CIRCUMCISION, history/ HEMOPHILIA, history/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HISTORY OF MEDICINE, ANCIENT/ HUMAN/ ISRAEL/ MALE/ PROBLEM SOLVING, history/ SPAIN

5221. **Millar RA, Gregory IC:** Reduced oxygen content in equilibrated fresh heparinized and ACD-stored blood from cigarette smokers. Br J Anaesth 44:1015-9, Oct 72
*BLOOD PRESERVATION/ CARBON MONOXIDE, blood/ CITRATES/ GLUCOSE/ HEMOGLOBIN, analysis/ HEPARIN/ HUMAN/ *OXYGEN, blood/ *SMOKING

5222. **Millard DR Jr:** More on the "no-dressing" technique. Plast Reconstr Surg 51:577-8, May 73
*BANDAGES/ *FACE, surgery/ HEMATOMA, prevention & control/ HUMAN/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PRESSURE/ *SKIN, surgery/ *SURGERY, PLASTIC

5223. **Millard LG:** Generalized plane xanthomata with macroglobulinaemia. Proc R Soc Med 66:325-6, Apr 73
BLOOD PLATELETS, analysis/ FEMALE/ HEMOGLOBIN, analysis/ HUMAN/ IGG, analysis/ IGM, analysis/ *MACROGLOBULINEMIA, complications/ MIDDLE AGE/ *XANTHOMATOSIS, complications

5224. **Miller AL, Smith LC:** Activation of lipoprotein lipase by apolipoprotein glutamic acid. Formation of a stable surface film. J Biol Chem 248:3359-62, 10 May 73
APOPROTEINS, pharmacodynamics/ CARBON ISOTOPES/ CATTLE/ DRUG STABILITY/ ENZYME ACTIVATION/ *GLUTAMATES, pharmacodynamics/ *LIPOPROTEIN LIPASE, metabolism/ *LIPOPROTEINS, pharmacodynamics/ MACROMOLECULAR SYSTEMS/ MILK, enzymology/ SURFACE PROPERTIES

5225. **Miller GA:** The diagnosis and management of massive pulmonary embolism. Br J Surg 59:837-9, Oct 72
CARDIAC OUTPUT/ ELECTROCARDIOGRAPHY/ HEART FAILURE, CONGESTIVE, etiology/ HEART VENTRICLE/ HEPARIN, therapeutic use/ HUMAN/ PULMONARY ARTERY, radiography/ *PULMONARY EMBOLISM/ PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, mortality/ PULMONARY EMBOLISM, radiography/ PULMONARY EMBOLISM, surgery/ RECURRENCE/ STREPTOKINASE, therapeutic use

5226. **Miller HL, Solomon L, Puljic S:** Haemangioma of the liver: an unusual radiographic presentation simulating a gallbladder tumour. S Afr Med J 46:1964-6, 16 Dec 72
AGED/ CHOLECYSTOGRAPHY/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *GALLBLADDER NEOPLASMS, radiography/ *HEMANGIOMA, radiography/ HEMANGIOMA, surgery/ HUMAN/ *LIVER NEOPLASMS, radiography/ LIVER NEOPLASMS, surgery

5227. **Miller IR, Great H:** Protein labeling by acetylation. Biopolymers 11:2533-6, 1972
ACETYLATION/ CHYMOTRYPSIN/ CONCANAVALIN A/ *ISOTOPE LABELING/ METHODS/ *PROTEINS/ RIBONUCLEASE/ TRYPSIN

5228. **Miller M:** Dyschondroplasia. Arch Dermatol 106:587-9, Oct 72
*ANGIOMATOSIS, complications/ CHILD/ *DYSCHONDROPLASIA, complications/ HUMAN/ MALE/ SYNDROME

5229. **Miller OJ, Miller DA, Warburton D:** Application of new staining techniques to the study of human chromosomes. Prog Med Genet 9:1-47, 1973 (130 ref.)
AUTOSOME ABNORMALITIES, diagnosis/ BASE SEQUENCE/ BURKITT'S LYMPHOMA/ CELL LINE/ CHROMOSOME ABERRATIONS/ CHROMOSOME MAPPING/ *CHROMOSOMES/ DNA/ DNA REPLICATION/ EVALUATION STUDIES/ FLUORESCENT ANTIBODY TECHNIC/ FLUORESCENT DYES/ HELA CELLS/ HUMAN/ HYBRIDIZATION/ KARYOTYPING/ MEIOSIS/ PEPTIDE HYDROLASES, pharmacodynamics/ PROTEIN BINDING/ PROTEINS, pharmacodynamics/ QUINACRINE, diagnostic use/ QUINACRINE, pharmacodynamics/ REVIEW/ SEX CHROMOSOME ABNORMALITIES, diagnosis/ *STAINS AND STAINING/ TRISOMY

5230. **Miller R, Kisker CT:** Disseminated intravascular coagulation in a newborn infant with Listeria sepsis. J Pediatr 83:640-2, Oct 73
DISSEMINATED INTRAVASCULAR COAGULATION, complications/ *DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ ERYTHROCYTES/ FIBRIN, analysis/ FIBRINOGEN, analysis/ HEPARIN, therapeutic use/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, drug therapy/ LISTERIA INFECTIONS, complications/ LISTERIA INFECTIONS, drug therapy/ LISTERIA MONOCYTOGENES, isolation & purification/ MALE/ PROTAMINES/ PROTHROMBIN TIME/ THROMBIN/ TIME FACTORS

5231. **Miller RD:** The oxygen dissociation curve and multiple transfusions of ACD blood. Clin Anesth 9:43-52, 1972
ACID-BASE EQUILIBRIUM/ ANESTHESIA, GENERAL/ ANTICOAGULANTS/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ CITRATES/ ERYTHROCYTES, analysis/ GLUCOSE/ GLYCERIC ACIDS, blood/ *HEMOGLOBIN/ HUMAN/ *NEOPLASMS, surgery/ ORGANOPHOSPHORUS COMPOUNDS,

blood/ *OXYGEN, blood/ OXYGEN CONSUMPTION/ TEMPERATURE

5232. **Miller WV, Wilson MJ, Kalb HJ:** Simple methods for productions of HL-A antigen poor red blood cells.
Transfusion 13:189-93, Jul-Aug 73
BLOOD PLATELETS, immunology/ *BLOOD TRANSFUSION/ CELL SEPARATION/ CENTRIFUGATION/ COMPARATIVE STUDY/ *CYTOLOGICAL TECHNICS/ *ERYTHROCYTES, immunology/ FILTRATION/ *HISTOCOMPATIBILITY ANTIGENS/ LEUKOCYTES, immunology/ METHODS/ NYLON

5233. **Milleret PG:** Attitude thérapeutique devant un syndrome de Klippel-Trenaunay.
Phlebologie 26:47-53, Jan-Mar 73 (Fre)
ADULT/ ANGIOGRAPHY/ ANGIOMATOSIS, complications/ ANGIOMATOSIS, diagnosis/ ANGIOMATOSIS, surgery/ *ANGIOMATOSIS, therapy/ BONE DISEASES, complications/ BONE DISEASES, diagnosis/ BONE DISEASES, therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LEG, radiography/ *LEG ULCER, etiology/ LEG ULCER, therapy/ MALE/ PHLEBOGRAPHY/ VARICOSE VEINS, diagnosis

5234. **Millet J, Kerjan P, Aubert JP, et al:** Proteolytic conversion in vitro of B. subtilis vegetative RNA polymerase into the homologous spore enzyme.
FEBS Lett 23:47-50, 1 Jun 72
BACILLUS MEGATERIUM, enzymology/ *BACILLUS SUBTILIS, enzymology/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DNA, BACTERIAL/ DNA NUCLEOTIDYL-TRANSFERASES, analysis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, metabolism/ RNA POLYMERASE, isolation & purification/ *RNA POLYMERASE, metabolism/ SERINE/ *SPORES, enzymology/ SPORES, BACTERIAL, enzymology/ SPORES, BACTERIAL, metabolism

5235. **Mills BG, Holst PA, Haroutinian AM, et al:** Bone cell response to calcium active drugs.
Pharmacol Ther Dent 1:241-61, Jun 71
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ANTIBIOTICS, pharmacodynamics/ BONE AND BONES, drug effects/ CALCIUM CHLORIDE, pharmacodynamics/ EDTA, pharmacodynamics/ HEPARIN, pharmacodynamics/ ISOPROTERENOL, pharmacodynamics/ OSTEOBLASTS, drug effects/ OSTEOCLASTS, drug effects/ PARATHYROID HORMONE, pharmacodynamics/ SPECIAL LIST DENTAL/ THYROXINE, pharmacodynamics

5236. **Mills DA, Karpatkin S:** Heterogeneity of human adult and fetal fibrinogen: detection of derivatives indicative of thrombin proteolysis.
Biochim Biophys Acta 285:398-403, 28 Dec 72
ADULT/ AGE FACTORS/ AMINOCAPROIC ACID/ BLOOD/ BLOOD COAGULATION/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ *FIBRINOGEN, analysis/ FIBRINOGEN, isolation & purification/ HUMAN/ PEPTIDES/ PREGNANCY/ SODIUM DODECYL SULFATE/ SOLUBILITY/ *THROMBIN/ TIME FACTORS/ *UMBILICAL CORD

5237. **Mills DC:** Changes in the adenylate energy charge in human blood platelets induced by adenosine diphosphate. Nature [New Biol] 243:220-2, 13 Jun 73
ADENINE, metabolism/ ADENINE NUCLEOTIDES, analysis/ *ADENINE NUCLEOTIDES, metabolism/ ADENOSINE DIPHOSPHATE, analysis/ *ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE MONOPHOSPHATE, analysis/ ADENOSINE TRIPHOSPHATE, analysis/ BLOOD PLATELET DISORDERS, metabolism/ BLOOD PLATELETS, analysis/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ EPINEPHRINE, pharmacodynamics/ HUMAN/ IN VITRO/ PLATELET ADHESIVENESS, drug effects/ SEROTONIN, pharmacodynamics

5238. **Milo GE Jr:** Enhancement of senescence in low passage human embryonic lung cells by an agent extracted from phase 3 cells. Exp Eye Res 79:143-51, Apr 73
CELL LINE/ CELL MEMBRANE, analysis/ CELLS, CULTURED, analysis/ *CELLS, CULTURED, cytology/ CELLS, CULTURED, drug effects/ CHROMATOGRAPHY/ CLOSTRIDIOPEPTIDASE A/ CULTURE MEDIA/ GLYCOPROTEINS, analysis/ GLYCOPROTEINS, isolation & purification/ HUMAN/ LUNG/ MICROPORE FILTERS/ MICROSCOPY, PHASE CONTRAST/ MOLECULAR WEIGHT/ TIME FACTORS/ TRYPSIN

5239. **Milošev M, Aleksiev B, Nikolova M, et al:** Uber die koagulierende wirkung von 5-Oxo-6-amino-7-ketimino-6-phenyldibenzo(a.c)cycloheptan.
Pharmazie 27:520-1, Aug 72 (Ger)
ANIMAL EXPERIMENTS/ *ANTICOAGULANTS, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ CLOT RETRACTION/ COMPARATIVE STUDY/ CYCLOHEPTANES, administration & dosage/ *CYCLOHEPTANES, pharmacodynamics/ CYCLOHEPTANES, toxicity/ FEMALE/ IMINES, pharmacodynamics/ INJECTIONS, INTRAPERITONEAL/ KETONES, pharmacodynamics/ LETHAL DOSE 50/ MALE/ MICE/ PROTHROMBIN TIME/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP/ VITAMIN K, pharmacodynamics

5240. **Mimaya J, Nagao T, Ikeda S:** [The clinical management of hemophiliacs. The first report--dental extraction]
Jap J Clin Hematol 14:129-35, Feb 73 (Jap)
ANTIFIBRINOLYTIC AGENTS, therapeutic use/ CHILD/ ENGLISH ABSTRACT/ FACTOR VIII/ *HEMOPHILIA/ *HEMORRHAGE, drug therapy/ HUMAN/ *TOOTH EXTRACTION

5241. **Minamiura N, Matsumura Y, Yamamoto T:** Bitter peptides in the casein digests with bacterial proteinase. II. A bitter peptide consisting of tryptophan and leucine.
J Biochem (Tokyo) 72:841-8, Oct 72
AMINOPEPTIDASES/ BACILLUS SUBTILIS, enzymology/ CARBOXYPEPTIDASES/ CASEIN/ CATTLE/ CHROMATOGRAPHY, PAPER/ GEL FILTRATION/ *LEUCINE, analysis/ NUCLEAR MAGNETIC RESONANCE/ PEPTIDE HYDROLASES/ *PEPTIDES/ SPECTROPHOTOMETRY, INFRARED/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TASTE/ *TRYPTOPHAN, analysis

5242. **Mincu I, Câmpeanu S, Mihalache N:** Cercetări asupra interrelației între acțiunea unor enzime serice și modificările de ultrastructură observate în ficatul diabetic.
Med Interna (Bucur) 24:1233-42, Oct 72 (Rum)
ADULT/ AMINOTRANSFERASES, blood/ CHOLINESTERASE, blood/ DIABETES MELLITUS, enzymology/ *DIABETES MELLITUS, pathology/ ENGLISH ABSTRACT/ FATTY LIVER, enzymology/ FEMALE/ HEPATITIS, enzymology/ HEPATOMEGALY, enzymology/ HUMAN/ LACTATE DEHYDROGENASE, blood/ LIPOPROTEIN LIPASE, blood/ *LIVER, pathology/ *LIVER DISEASES, enzymology/ MALE/ PYRUVATE KINASE, blood

5243. **Mincu I, Dumitrescu C, Mihalache N:** Changes of fibrinolytic activity in obese diabetics after treatment with Silubin retard.
Rev Roum Med Intern 10:23-7, 1973
ANTIDIABETICS, pharmacodynamics/ *ANTIDIABETICS, therapeutic use/ BIGUANIDES, pharmacodynamics/ *BIGUANIDES, therapeutic use/ CHOLESTEROL, blood/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/

*FIBRINOLYSIS, drug effects/ HUMAN/ LIPIDS, blood/ MALE/ MIDDLE AGE/ OBESITY IN DIABETES, blood/ *OBESITY IN DIABETES, drug therapy/ PHOSPHOLIPIDS, blood/ TRIGLYCERIDES, blood

5244. **Mincu I, Dumitrescu C, Mihalache N:** Modificări ale activităţii fibrinolitice la obezii diabetici sub influenţa tratamentului cu Silubin-retard.
Med Interna (Bucur) 24:1421-4, Dec 72 **(Rum)**
ADULT/ *BIGUANIDES, therapeutic use/ *DELAYED-ACTION PREPARATIONS, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIS, drug effects/ HUMAN/ MALE/ MIDDLE AGE/ *OBESITY IN DIABETES, drug therapy

5245. **Miniaĭlo EK:** Fermentativnye sdvigi v tonkom kishechnike pri opistorkhoze u detei.
Lab Delo 4:206-8, 1972 **(Rus)**
ADOLESCENCE/ ALKALINE PHOSPHATASE, analysis/ CHILD/ CHILD, PRESCHOOL/ HUMAN/ *INTESTINE, SMALL, enzymology/ *OPISTHORCHIASIS, enzymology/ PEPTIDE PEPTIDOHYDROLASES, analysis

5246. **Mink IB, Courey NG, Moore RH, et al:** Progestational agents and blood coagulation. IV. Changes induced by progestogen alone.
Am J Obstet Gynecol 113:739-43, 15 Jul 72
ACETATES/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ *CHLORMADINONE, pharmacodynamics/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ HUMAN/ MESTRANOL, administration & dosage/ MESTRANOL, pharmacodynamics/ NORETHINDRONE, administration & dosage/ NORETHINDRONE, pharmacodynamics/ PLACEBOS/ TIME FACTORS

5247. **Minn SK, Mandel EE:** The use of laboratory determinations in the control of streptokinase therapy. Am J Clin Pathol 58:415-21, Oct 72
ADULT/ AGED/ ARTERIAL OCCLUSIVE DISEASES, drug therapy/ BLOOD COAGULATION TESTS/ DENSITOMETRY/ FEMALE/ FIBRINOGEN, analysis/ HUMAN/ MALE/ MIDDLE AGE/ PROTAMINES/ *PROTHROMBIN TIME/ *STREPTOKINASE, therapeutic use/ *THROMBIN, analysis/ THROMBOPHLEBITIS, drug therapy/ TIME FACTORS

5248. **Minssart F:** Les troubles de la crase sanguine d'origine toxique (alcoolisme, frogues, intoxications) et d'origine thérapeutique (anticoagulants.
Rev Belge Med Dent 27:185-94, Mar 72 **(Fre)**
*ALCOHOLIC INTOXICATION/ ANALGESICS AND ANTIPYRETICS, adverse effects/ *ANTICOAGULANTS, adverse effects/ ASPIRIN, adverse effects/ *BLOOD COAGULATION DISORDERS, chemically induced/ BLOOD COAGULATION TESTS/ DRUG HYPERSENSITIVITY/ *DRUG THERAPY, adverse effects/ HEMORRHAGE, ORAL, therapy/ HUMAN/ HYPNOTICS AND SEDATIVES, adverse effects/ *IATROGENIC DISEASE, chemically induced/ INFECTION, drug therapy/ LIVER CIRRHOSIS, diagnosis/ PREOPERATIVE CARE/ TETRACYCLINE, therapeutic use

5249. **Minta JO, Painter RH:** A re-examination of the ability of pFc' and Fc' to participate in passive cutaneous anaphylaxis. Immunochemistry 9:1041-8, Nov 72
ANIMAL EXPERIMENTS/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ COMPLEMENT FIXATION TESTS/ ELECTROPHORESIS, STARCH GEL/ FIBRINOLYSIN/ GEL FILTRATION/ GUINEA PIGS/ HUMAN/ IGG/ IMMUNOELECTROPHORESIS/ *IMMUNOGLOBULINS, FC/ PAPAIN/ *PASSIVE CUTANEOUS ANAPHYLAXIS/ PEPSIN/ RABBITS, immunology/ SERUM ALBUMIN, RADIO-IODINATED

5250. **Mifejovský P, Bednář B:** Makroperiodické formy vláknitých bílkovin (ve srovnání s fibrinem, fibrinoidem a kolagenem.
Cesk Patol 9:57-63, May 73 **(Cze)**
*COLLAGEN, analysis/ ENGLISH ABSTRACT/ EXTRACELLULAR SPACE, analysis/ EYE PROTEINS, analysis/ *FIBRIN, analysis/ HUMAN/ MICROSCOPY, ELECTRON/ MORPHOGENESIS/ NEOPLASM PROTEINS, analysis/ *PROTEINS, analysis

5251. **Mironenko AP:** Sostoianie osnovnogo mezhutochnogo veshchestva soedinitel'noĭ tkani pri pozdnikh toksikozakh beremennykh.
Vopr Okhr Materin Det 17:65-7, Jun 72 **(Rus)**
BLOOD CELL COUNT/ *BLOOD SEDIMENTATION/ *C-REACTIVE PROTEIN, analysis/ ENGLISH ABSTRACT/ ENZYME TESTS/ FEMALE/ *FIBRIN, blood/ HUMAN/ *HYALURONIDASE, blood/ PREGNANCY/ *PREGNANCY TOXEMIAS, blood/ PREGNANCY TOXEMIAS, enzymology/ PROGNOSIS/ *RETICULOCYTES

5252. **Mirovich DIu:** Fenomen Sanarelli--Shvartsmana i ĭoho rol' v akushers'kiĭ praktytsi.
Pediatr Akush Ginekol 3:51-3, May-Jun 72 **(Ukr)**
ADULT/ FEMALE/ HUMAN/ PREGNANCY/ *PREGNANCY COMPLICATIONS, immunology/ *SHWARTZMAN PHENOMENON

5253. **Mîrza A:** Acţiunea vasculară a acidului epsilonaminocaproic (EAC) în condiţii fiziologice şi în şocul endotoxinic.
Fiziol Norm Patol 18:245-50, May-Jun 72 **(Rum)**
*AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ BLOOD VESSELS, drug effects/ DOGS/ ENGLISH ABSTRACT/ *HEMODYNAMICS, drug effects/ *SHOCK, ENDOTOXIC, drug therapy

5254. **Mîrza A, Aister A:** Influenţa proteazelor asupra sistemelor functionale. Aspecte noi în actuinea metabolică a tripsinei. I.
Fiziol Norm Patol 18:507-12, Nov-Dec 72 **(Rum)**
ANIMAL EXPERIMENTS/ BLOOD SUGAR, biosynthesis/ *CARBOHYDRATES, metabolism/ DOGS/ ENGLISH ABSTRACT/ GLUCOSE, metabolism/ GLYCOLYSIS, drug effects/ LACTATES, metabolism/ *METABOLISM, drug effects/ PHOSPHORUS, metabolism/ PYRUVATES, metabolism/ TRYPSIN, administration & dosage/ *TRYPSIN, pharmacodynamics

5255. **Mishchenko VI:** Vliianie geparina na agregatsiiu krovianykh plastinok i tromboobrazovanie pod deĭstviem postoiannogo élektricheskogo toka.
Fiziol Zh SSSR 58:1744-8, Nov 72 **(Rus)**
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ DOGS/ ELECTRIC STIMULATION/ ENGLISH ABSTRACT/ *HEPARIN, pharmacodynamics/ *PLATELET ADHESIVENESS/ PLATELET ADHESIVENESS, drug effects

5256. **Mishchenko VP, Kuznik BI, Bochkarnikov VV:** The mechanism of action of vasoactive agents on the blood clotting and fibrinolysis. Cor Vasa 14:228-38, 1972
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION, drug effects/ CHOLINE, pharmacodynamics/ DOGS/ EPINEPHRINE, pharmacodynamics/ FEMALE/ FIBRINOGEN/ *FIBRINOLYSIS, drug effects/ GLYCERYL TRINITRATE, pharmacodynamics/ HEPARIN/ HISTAMINE, pharmacodynamics/ MALE/ NOREPINEPHRINE, pharmacodynamics/ PITUITARY HORMONES, POSTERIOR, pharmacodynamics/ PROTHROMBIN/ THROMBIN/ *VASOCONSTRICTOR AGENTS, pharmacodynamics/ *VASODILATOR AGENTS, pharmacodynamics

5257. **Mishkin F:** Brain scanning in children.
Semin Nucl Med 2:328-42, Oct 72 (33 ref.)
ADOLESCENCE/ ANGIOMATOSIS, diagnosis/ *BRAIN/ BRAIN, abnormalities/ BRAIN ABSCESS/ BRAIN DEATH/ BRAIN DISEASES,

diagnosis/ BRAIN INJURIES, ACUTE, diagnosis/ BRAIN NEOPLASMS, diagnosis/ CEREBELLAR DISEASES, diagnosis/ CEREBELLAR NEOPLASMS, diagnosis/ CEREBROVASCULAR DISORDERS, diagnosis/ CHILD/ CHILD, PRESCHOOL/ CHOROID NEOPLASMS, diagnosis/ CONVULSIONS, diagnosis/ CYSTS/ EPENDYMOMA, diagnosis/ FEMALE/ GLIOMA, diagnosis/ HUMAN/ HYDROCEPHALUS, diagnosis/ INFANT/ MALE/ MENINGITIS, diagnosis/ *RADIOISOTOPE SCANNING/ REVIEW/ TECHNETIUM

5258. **Misson R, Guénard C, Garrel J, et al:** Placards sclérodermiformes des régions ilio-trochantériennes paraissant consécutifs à des injections I. M. contenant de la vitamine K 1.
Bull Soc Fr Dermatol Syphiligr 79:581-2, 1972 (Fre)
ADULT/ HUMAN/ LUMBOSACRAL REGION/ MALE/ *PHYTONADIONE, adverse effects/ *SCLERODERMA, CIRCUMSCRIBED, chemically induced

5259. **Mitch WE, Spivak JL, Spangler DB, et al:** Thrombotic thrombocytopenic purpura presenting with gynaecological manifestations.
Lancet 1:849-50, 21 Apr 73
ADULT/ BLOOD COAGULATION TESTS/ CURETTAGE/ DILATATION/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ HEMOPERITONEUM, etiology/ *HEMORRHAGE, etiology/ HUMAN/ OVARIAN CYSTS, complications/ PROTHROMBIN TIME/ *PURPURA, THROMBOTIC THROMBOPENIC, diagnosis/ RUPTURE, SPONTANEOUS/ SYNCOPE, etiology/ *VAGINAL DISEASES, etiology/ VAGINAL DISEASES, surgery/ VAGINAL DISEASES, therapy

5260. **Mitch WE, Spivak JL, Spangler DB, et al:** Thrombotic thrombocytopenic purpura presenting with gynaecological manifestations.
Lancet 808:849-50, 21 Apr 73
ADULT/ BLOOD COAGULATION TESTS/ CURETTAGE/ DILATATION/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ HEMOPERITONEUM, etiology/ *HEMORRHAGE, etiology/ HUMAN/ OVARIAN CYSTS, complications/ PROTHROMBIN TIME/ *PURPURA, THROMBOTIC THROMBOPENIC, diagnosis/ RUPTURE, SPONTANEOUS/ SYNCOPE, etiology/ *VAGINAL DISEASES, etiology/ VAGINAL DISEASES, surgery/ VAGINAL DISEASES, therapy

5261. **Mitchell AA:** Smoking and warfarin dosage.
N Engl J Med 287:1153-4, 30 Nov 72
HUMAN/ *SMOKING, complications/ *WARFARIN, administration & dosage/ WARFARIN, metabolism

5262. **Mitchell N, Shepard N:** The effect of synovectomy on synovium and cartilage in early rheumatoid arthritis.
Clin Orthop 89:178-96, 1972
ADOLESCENCE/ ADULT/ AGED/ *ARTHRITIS, RHEUMATOID, pathology/ ARTHRITIS, RHEUMATOID, surgery/ BIOPSY/ COLLAGEN/ CYTOPLASM/ ENDOPLASMIC RETICULUM/ FEMALE/ FIBRIN/ HUMAN/ *KNEE, pathology/ KNEE, surgery/ LYSOSOMES/ MALE/ MIDDLE AGE/ *SEMILUNAR CARTILAGES, pathology/ SEMILUNAR CARTILAGES, surgery/ *SYNOVIAL MEMBRANE, pathology/ SYNOVIAL MEMBRANE, surgery/ TIME FACTORS

5263. **Mitchell R, Muir WE, McLaren EA:** An apparatus for the thawing of stored blood in liquid nitrogen.
J Clin Pathol 26:455-6, Jun 73
*BLOOD PRESERVATION/ *FREEZING/ METHODS/ *NITROGEN

5264. **Mitrakul C, Impun C:** The hemorrhagic phenomena associated with green pit viper (Trimeresurus erythrurus and Trimeresurus popeorum) bites in children. A report of studies to elucidate their pathogenesis. Clin Pediatr (Phila) 12:215-8, Apr 73
ADOLESCENCE/ AMINOCAPROIC ACID, therapeutic use/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, drug effects/ CHILD/ CHILD, PRESCHOOL/ FACTOR V, analysis/ FACTOR VII, analysis/ FACTOR VIII, analysis/ FACTOR IX, analysis/ FACTOR X, analysis/ FEMALE/ FIBRINOGEN, analysis/ *HEMORRHAGE, etiology/ HEPARIN, therapeutic use/ HUMAN/ INFANT/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ *SNAKE BITES, complications/ VENOMS, pharmacodynamics

5265. **Mitrică N, Sorocinschi F, Ionescu-Dorohoi T, et al:** Determinarea cantitativă a fibrinogenului uman prin metoda imunodifuzimetrică.
Microbiol Parazitol Epidemiol (Bucur) 18:163-8, Mar-Apr 73 (Rum)
ENGLISH ABSTRACT/ *FIBRINOGEN, analysis/ *GEL DIFFUSION TESTS/ HUMAN/ METHODS

5266. **Mitrou P, Schubert JC, Martin H:** Die Behandlung der Makrobiobulinämie Waldenström mit Procarbazin.
Dtsch Med Wochenschr 97:1864, 1 Dec 72 (Ger)
ADULT/ AGED/ ANTINEOPLASTIC AGENTS, administration & dosage/ *ANTINEOPLASTIC AGENTS, therapeutic use/ BENZOATES, administration & dosage/ *BENZOATES, therapeutic use/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FEMALE/ FOLLOW-UP STUDIES/ GLOMERULONEPHRITIS, drug therapy/ HEMORRHAGIC DIATHESIS, drug therapy/ HUMAN/ *MACROGLOBULINEMIA, drug therapy/ MALE/ MIDDLE AGE/ PROCARBAZINE, administration & dosage/ PROCARBAZINE, therapeutic use

5267. **Mitskevich SI, Fadeicheva LV:** Nekotorye dannye tromboelastograficheskikh issledovaniĭ kapilliarnoĭ krovi u deteĭ, bol'nykh sakharnym diabetom.
Pediatriia 52:78-9, Jan 73 (Rus)
ADOLESCENCE/ AGE FACTORS/ *BLOOD COAGULATION/ CAPILLARIES/ CHILD/ *DIABETES MELLITUS, JUVENILE, blood/ HUMAN/ THROMBELASTOGRAPHY

5268. **Mitskevich SI, Koroliuk ND:** Vliianie dibotina na pokazateli uglevodnogo obmena i koaguliatsionnye svoĭstva kapilliarnoĭ krovi u bol'nykh sakharnym diabetom.
Probl Endokrinol (Mosk) 18:17-20, Nov-Dec 72 (Rus)
ADOLESCENCE/ ADULT/ AGED/ *ANTIDIABETICS, therapeutic use/ BIGUANIDES, pharmacodynamics/ *BIGUANIDES, therapeutic use/ BLOOD CELL COUNT/ *BLOOD COAGULATION, drug effects/ BLOOD PLATELETS/ *BLOOD SUGAR, metabolism/ CAPILLARIES, drug effects/ CHILD/ DIABETES MELLITUS, blood/ *DIABETES MELLITUS, drug therapy/ DIABETES MELLITUS, JUVENILE, blood/ DIABETES MELLITUS, JUVENILE, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS/ HUMAN/ INSULIN, administration & dosage/ MALE/ MIDDLE AGE/ PROTHROMBIN TIME/ TIME FACTORS

5269. **Mittal KK, Mickey MR, Terasaki PI:** Heterogeneity of HL-A specificities shown by platelet complement-fixation. Tissue Antigens 1:279-85, 1971
*ANTIGENIC DETERMINANTS/ ANTIGENS, HETEROGENETIC/ *BLOOD PLATELETS, immunology/ *COMPLEMENT FIXATION TESTS/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ *HISTOCOMPATIBILITY ANTIGENS/ HUMAN/ IMMUNE SERUMS/ PHENOTYPE

5270. **Mittal KK, Terasaki PI:** Cross-reactivity in the HL-A system. Tissue Antigens 2:94-104, 1972
ABSORPTION/ ALLELES/ ANTIBODY SPECIFICITY/ ANTIGENIC DETERMINANTS/ BLOOD PLATELETS, immunology/ *CROSS REACTIONS/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ *HISTOCOMPATIBILITY ANTIGENS/ HUMAN/ IMMUNE SERUMS

5271. **Mittelman A, Albert DJ, Murphy GP:** Lomustine treatment of metastatic renal cell carcinoma.
JAMA 225:32-5, 2 Jul 73
*ADENOCARCINOMA, drug therapy/ ADENOCARCINOMA, surgery/ ADMINISTRATION, ORAL/ ANTINEOPLASTIC AGENTS, administration & dosage/ ANTINEOPLASTIC AGENTS, adverse effects/ *ANTINEOPLASTIC AGENTS, therapeutic use/ CYCLOHEXANE, administration & dosage/ CYCLOHEXANE, therapeutic use/ HUMAN/ HYPERCALCEMIA, prevention & control/ *KIDNEY NEOPLASMS, drug therapy/ KIDNEY NEOPLASMS, surgery/ LEUKOPENIA, chemically induced/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ NEPHRECTOMY/ NITROSOUREA COMPOUNDS, administration & dosage/ NITROSOUREA COMPOUNDS, adverse effects/ *NITROSOUREA COMPOUNDS, therapeutic use/ REMISSION/ THROMBOPENIA, chemically induced

5272. **Mittelstaedt R:** Weitere klinisch-experimentelle Untersuchungen zur Wirkung hirudinhaltiger Externa.
Arzneim Forsch 23:581-3, Apr 73 (Ger)
COMPARATIVE STUDY/ ENGLISH ABSTRACT/ GELS/ HEMATOMA/ *HIRUDIN, administration & dosage/ HIRUDIN, therapeutic use/ HUMAN/ NYLIDRIN, administration & dosage/ OINTMENTS/ SKIN ABSORPTION/ SKIN TESTS/ VEHICLES

5273. **Mittermayer C, Pfrieme B, Vogel W, et al:** Funktionelle und morphologische Veränderungen der Lungen im Schock.
Langenbecks Arch Chir 329:664-70, Dec 71 (Ger)
ANIMAL EXPERIMENTS/ AUTOPSY/ CELL MEMBRANE PERMEABILITY/ ENGLISH ABSTRACT/ HUMAN/ LUNG, blood supply/ *LUNG, physiopathology/ PULMONARY EDEMA, etiology/ PULMONARY EDEMA, physiopathology/ RABBITS/ RESPIRATORY DEAD SPACE/ SHOCK, ENDOTOXIC, physiopathology/ SHOCK, SURGICAL, complications/ *SHOCK, SURGICAL, physiopathology/ SHOCK, TOXIC, complications/ SHOCK, TRAUMATIC, complications/ *SHOCK, TRAUMATIC, physiopathology/ SHWARTZMAN PHENOMENON, physiopathology/ THROMBOSIS, etiology/ THROMBOSIS, physiopathology

5274. **Mittermayer C, Thomas C, Rengholt R, et al:** Uber den Gestaltwandel des Schocksyndroms innerhalb zweier Jahrzehnte.
Klin Wochenschr 51:37-8, Jan 73 (Ger)
ADOLESCENCE/ ADULT/ DISSEMINATED INTRAVASCULAR COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ HEMODIALYSIS/ HUMAN/ KIDNEY FAILURE, ACUTE, etiology/ MALE/ MIDDLE AGE/ RESPIRATION, ARTIFICIAL/ RESPIRATORY INSUFFICIENCY, etiology/ RETROSPECTIVE STUDIES/ SHOCK, complications/ *SHOCK, mortality/ SHOCK, therapy/ SYNDROME/ TIME FACTORS

5275. **Mitterstieler G, Kurz R, Waltl H, et al:** Zur fibrinolytischen Therapie des septischen Schocks im Kindesalter.
Paediatr Paedol 8:225-31, 1973 (Ger)
BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ INFANT/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, drug therapy/ INFLUENZA, drug therapy/ MALE/ MENINGITIS, MENINGOCOCCIC, drug therapy/ *MENINGOCOCCAL INFECTIONS, drug therapy/ *PNEUMOCOCCAL INFECTIONS, drug therapy/ SEPTICEMIA, blood/ SEPTICEMIA, drug therapy/ SHOCK, ENDOTOXIC, blood/ *SHOCK, ENDOTOXIC, drug therapy/ *STREPTOKINASE, therapeutic use

5276. **Mittman C:** Chronic obstructive lung diease: the result of the interaction of genetic and environmental factors. Hell Adelphe 2:222-6, Mar-Apr 73
LUNG DISEASES, OBSTRUCTIVE, familial & genetic/ METABOLISM, INBORN ERRORS, complications/ PEPTIDE HYDROLASES, antagonists & inhibitors/ SPECIAL LIST NURSING

5277. **Mittman C, Barbeia T, Lieberman J:** Alpha 1 -antitrypsin deficiency as an indicator of susceptibility to pulmonary disease.
J Occup Med 15:33-8, Jan 73
ADULT/ BRONCHITIS, familial & genetic/ CHRONIC DISEASE/ FEMALE/ HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ LUNG DISEASES, OBSTRUCTIVE, diagnosis/ LUNG DISEASES, OBSTRUCTIVE, etiology/ *LUNG DISEASES, OBSTRUCTIVE, familial & genetic/ MALE/ *METABOLISM, INBORN ERRORS, complications/ MIDDLE AGE/ NORWAY/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PHENOTYPE/ PULMONARY EMPHYSEMA, familial & genetic/ RESPIRATORY FUNCTION TESTS/ SMOKING, complications/ *TRYPSIN INHIBITORS, metabolism

5278. **Mittman C, Barbeia T, Lieberman J:** Antitrypsin deficiency and abnormal protease inhibitor phenotypes. Arch Environ Health 27:201-6, Sep 73
ADOLESCENCE/ ADULT/ AGED/ BRONCHITIS, enzymology/ BRONCHITIS, familial & genetic/ ELECTROPHORESIS, STARCH GEL/ FEMALE/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS/ LUNG DISEASES, OBSTRUCTIVE, enzymology/ *LUNG DISEASES, OBSTRUCTIVE, familial & genetic/ MALE/ METABOLISM, INBORN ERRORS, enzymology/ *METABOLISM, INBORN ERRORS, familial & genetic/ MIDDLE AGE/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PHENOTYPE/ PULMONARY EMPHYSEMA, enzymology/ PULMONARY EMPHYSEMA, familial & genetic/ SMOKING, complications/ TRYPSIN INHIBITORS, blood/ *TRYPSIN INHIBITORS, metabolism

5279. **Miwa S:** [Anemia and other hematological anomalies related to dialysis treatment]
Jap J Clin Med 30:2517-20, Dec 72 (Jap)
*ANEMIA, etiology/ BLOOD PLATELET DISORDERS, etiology/ *HEMATOLOGIC DISEASES, etiology/ *HEMODIALYSIS, adverse effects/ HEMORRHAGE, etiology/ HUMAN/ KIDNEY FAILURE, CHRONIC, complications

5280. **Miyatani K, Takahata J, Fukui I:** [Inhibition of the fibrinolytic enzyme system using fibrin and casein as the substrates]
Jap J Clin Pathol 21:627-31, Jul 73 (Jap)
AMINOCAPROIC ACID/ *CASEIN/ *FIBRIN/ *FIBRINOLYSIN, antagonists & inhibitors/ KALLIKREIN-TRYPSIN INACTIVATOR

5281. **Miyatani K, Takahatake J, Fukui I:** [Serum alpha2-macroglobulin and plasmin activities]
Jap J Clin Pathol 20:429-32, Jun 72 (Jap)
DIABETES MELLITUS, blood/ *FIBRINOLYSIN, analysis/ HUMAN/ *MACROGLOBULINS, blood/ NEPHRITIS, blood/ NEPHROTIC SYNDROME, blood

5282. **Mizobe F, Takahashi K, Ando T:** The structure and function of acid proteases. Specific inactivation of an acid protease from Rhizopus chinensis by diazoacetyl-DL-norleucine methyl ester.
J Biochem (Tokyo) 73:61-8, Jan 73
*AMINOCAPROIC ACID/ BINDING SITES/ DIAZONIUM COMPOUNDS/ ESTERS/ HYDROGEN-ION CONCENTRATION/ HYDROXYLAMINES/ NORLEUCINE/ PEPSIN, antagonists & inhibitors/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ QUANTUM THEORY/ *RHIZOPUS, enzymology/ TEMPERATURE/ TIME FACTORS

5283. **Mizumoto R, Kira K, Kurazuka H, et al:** [Etiology of acute pancreatitis and changes in the pancreatic duct,

with special reference to the double structure of the protective barrier]
Jap J Clin Med 30:1062-6, Apr 72 (Jap)
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ BILE/ GLUCURONIDASE/ *PANCREATIC DUCTS, cytology/ *PANCREATIC DUCTS, pathology/ *PANCREATITIS, etiology/ PANCREATITIS, pathology/ RABBITS/ TRYPSIN

5284. **Mizusawa K, Yoshida F:** Thermophilic Streptomyces alkaline proteinase. I. Isolation, crystallization, and physicochemical properties.
J Biol Chem 247:6978-84, 10 Nov 72
AMINO ACIDS, analysis/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, ION EXCHANGE/ CRYSTALLIZATION/ ELECTROPHORESIS/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ MOLECULAR WEIGHT/ OPTICAL ROTATORY DISPERSION/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, analysis/ PROTEIN CONFORMATION/ PROTEIN HYDROLYSATES, isolation & purification/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *STREPTOMYCES, enzymology/ TYROSINE, analysis/ ULTRACENTRIFUGATION/ VISCOSITY

5285. **Mizusawa K, Yoshida F:** Thermophilic Streptomyces alkaline proteinase. II. The role of a sulfhydryl group and the conformational stability.
J Biol Chem 248:4417-23, 25 Jun 73
ASPERGILLUS, enzymology/ BINDING SITES/ CHLORIDES/ CHLOROMERCURIBENZOATES/ CIRCULAR DICHROISM/ DRUG STABILITY/ ENZYME ACTIVATION/ HYDROGEN-ION CONCENTRATION/ ISOFLUROPHATE/ KINETICS/ LIGANDS/ MERCURY/ OPTICAL ROTATORY DISPERSION/ *PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ STREPTOMYCES, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP/ SUBTILISINS/ *SULFHYDRYL COMPOUNDS/ TEMPERATURE

5286. **Mjos OD:** Mechanical versus metabolic regulation of myocardial oxygen consumption.
Biomedicine 18:9-12, Jan 73
ANIMAL EXPERIMENTS/ CALCIUM, pharmacodynamics/ DOGS/ FATTY ACIDS, NONESTERIFIED, blood/ *FATTY ACIDS, NONESTERIFIED, metabolism/ GLUCAGON, pharmacodynamics/ GLUCOSE, metabolism/ *HEART, physiology/ HEPARIN, pharmacodynamics/ ISOPROTERENOL, pharmacodynamics/ LACTATES, metabolism/ LIPOPROTEIN LIPASE, blood/ *MYOCARDIUM, metabolism/ *OXYGEN CONSUMPTION/ RATS/ STIMULATION, CHEMICAL

5287. **Mkhitarian VG, Mezhlumian LM:** Gistidaznaia i urokinaznaia aktivnost' v krovi i pecheni krys pri alloksanovom diabete i vliianie insulina na ikh aktivnost. Zh Eksp Klin Med 12:18-24, 1972 (Rus)
*ALLOXAN DIABETES, enzymology/ *AMMONIA-LYASES, analysis/ ANIMAL EXPERIMENTS/ *FIBRINOLYTIC AGENTS, analysis/ HISTIDASE, analysis/ *INSULIN, pharmacodynamics/ *LIVER, enzymology/ RATS

5288. **Mladinić I:** Povodom jednog slučaja posttraumatske diseminirane intravaskularne koagulacije.
Vojnosanit Pregl 30:115-6, Mar-Apr 73 (Cro)
ADULT/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HUMAN/ *LEG INJURIES, complications/ MALE/ *SHOCK, TRAUMATIC, complications

5289. **Modder CP:** Investigations on acid phosphatase activity in human plasma and serum.
Clin Chim Acta 43:205-14, 24 Jan 73
ACID PHOSPHATASE, antagonists & inhibitors/ *ACID PHOSPHATASE, blood/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ BLOOD PLATELETS, enzymology/ CARCINOMA, blood/ CARCINOMA, enzymology/ CLOT RETRACTION/ DEPRESSION, CHEMICAL/ HEPARIN, pharmacodynamics/ HUMAN/ MALE/ NITROPHENOLS, blood/ PROSTATIC NEOPLASMS, blood/ PROSTATIC NEOPLASMS, enzymology/ TEMPERATURE/ THROMBOPENIA, blood/ THROMBOPENIA, enzymology

5290. **Modjanova EA, Malenkov AG:** Alteration of properties of cell contacts during progression of hepatomas.
Exp Cell Res 76:305-14, Feb 73
ANIMAL EXPERIMENTS/ CALCIUM, pharmacodynamics/ CATIONS, DIVALENT, pharmacodynamics/ *CELL ADHESION/ CELL ADHESION, drug effects/ CELL SEPARATION/ CONTACT INHIBITION/ *HEPATOMA, pathology/ *INTERCELLULAR JUNCTIONS/ INTERCELLULAR JUNCTIONS, physiology/ ISOTOPE LABELING/ LIVER, cytology/ *LIVER REGENERATION/ METHODS/ MICE/ MICE, INBRED C3H/ NEOPLASM METASTASIS/ THYMIDINE/ TRITIUM/ TRYPSIN

5291. **Moehring TJ, Moehring JM, Stinebring WR:** Response of interferon-treated cells to diphtheria toxin.
Infect Immun 4:747-52, Dec 71
AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CARCINOMA, EPIDERMOID/ CELL-FREE SYSTEM, drug effects/ CELL LINE/ *CELLS, CULTURED, drug effects/ CHICK EMBRYO/ DIPHTHERIA TOXIN, antagonists & inhibitors/ *DIPHTHERIA TOXIN, pharmacodynamics/ DRUG STABILITY/ HEAT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INTERFERON, antagonists & inhibitors/ *INTERFERON, pharmacodynamics/ L CELLS, drug effects/ L CELLS, metabolism/ MICE/ MOUTH NEOPLASMS/ POLY I-C, pharmacodynamics/ PROTEINS, biosynthesis/ SPECIES SPECIFICITY/ TRYPSIN, pharmacodynamics/ VALINE, metabolism

5292. **Moeller DD, Dunn GD, Klotz AP:** Diagnosis of pancreatic exocrine insufficiency by fecal chymotrypsin activity. Am J Dig Dis 18:792-6, Sep 73
ADULT/ AGED/ *CHYMOTRYPSIN, analysis/ CLINICAL RESEARCH/ COLONIC DISEASES, FUNCTIONAL, enzymology/ *FECES, enzymology/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PANCREAS, secretion/ *PANCREATIC DISEASES, diagnosis/ PANCREATIC DISEASES, enzymology/ PANCREOZYMIN, diagnostic use/ SECRETIN, diagnostic use/ SPRUE, diagnosis

5293. **Moellering RC Jr, Rosenblatt G, Bassett DR:** Fibrinolytic activity in Hawaiian and Japanese men in Hawaii. Hawaii Med J 31:468-75, Nov-Dec 72
AGE FACTORS/ BLOOD PRESSURE/ *FIBRINOLYSIS/ HAWAII/ HUMAN/ LIPIDS, blood/ MALE/ MYOCARDIAL INFARCT, blood/ OBESITY/ *RACIAL STOCKS

5294. **Moertel CG, Schutt AJ, Reitemeier RJ, et al:** Phase II study of 5-azacytidine (NSC-102816) in the treatment of advanced gastrointestinal cancer.
Cancer Chemother Rep 56:649-52, Oct 72
*ADENOCARCINOMA, drug therapy/ ADULT/ AGED/ AZACYTIDINE, administration & dosage/ AZACYTIDINE, adverse effects/ AZACYTIDINE, blood/ AZACYTIDINE, therapeutic use/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CLINICAL RESEARCH/ *CYTIDINE, therapeutic use/ FEMALE/ *GASTROINTESTINAL NEOPLASMS, drug therapy/ HUMAN/ LEUKOCYTE COUNT/ MALE/ MIDDLE AGE/ NAUSEA, chemically induced/ *TRIAZINES, therapeutic use/ VOMITING, chemically induced

5295. **Moffat JH:** Cavernous hemangioma of the gallbladder and liver. Can J Surg 16:172-5, Mar 73
ARTERIOVENOUS FISTULA, diagnosis/ CHOLECYSTITIS, diagnosis/ CHOLELITHIASIS,

diagnosis/ DIAGNOSIS, DIFFERENTIAL/ GALLBLADDER NEOPLASMS, diagnosis/ *GALLBLADDER NEOPLASMS, pathology/ GALLBLADDER NEOPLASMS, surgery/ HEMANGIOMA, CAVERNOUS, diagnosis/ *HEMANGIOMA, CAVERNOUS, pathology/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ LIVER NEOPLASMS, diagnosis/ *LIVER NEOPLASMS, pathology/ LIVER NEOPLASMS, surgery/ MALE/ MIDDLE AGE

5296. **Moffet FJ, Wang T, Bridger WA:** Succinyl coenzyme A synthetase of Escherichia coli. Effects of phosphoenzyme formation and of substrate binding on the reactivity and stability of the enzyme.
J Biol Chem 247:8139-44, 25 Dec 72
ADENOSINE DIPHOSPHATE/ ADENOSINE TRIPHOSPHATE/ BINDING SITES/ *COENZYME A SYNTHETASES/ COENZYME A SYNTHETASES, antagonists & inhibitors/ DIALYSIS/ DRUG STABILITY/ DRUG SYNERGISM/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ESCHERICHIA COLI, enzymology/ HISTIDINE/ KINETICS/ MACROMOLECULAR SYSTEMS/ MAGNESIUM/ PEPTIDE HYDROLASES/ PHOSPHATES/ *PHOSPHOPROTEINS/ PHOSPHORUS ISOTOPES/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SODIUM DODECYL SULFATE/ SUCCINATES/ TRITIUM/ TRYPSIN

5297. **Mohamed AH, Hanna MM:** The effects of Naja flava venom on blood coagulation. Toxicon 10:619-25, Oct 72
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION, drug effects/ FIBRINOGEN, antagonists & inhibitors/ FIBRINOGEN, pharmacodynamics/ FIBRINOLYSIS, drug effects/ HEMOSTASIS/ RABBITS/ *SNAKES/ THROMBIN, biosynthesis/ THROMBIN, pharmacodynamics/ THROMBOPLASTIN, antagonists & inhibitors/ TIME FACTORS/ *VENOMS, pharmacodynamics

5298. **Mohamed AH, Kamel A:** Direct hemolysis induced by some Egyptian snake venoms and other allied venoms.
Indian J Med Res 60:1759-63, Dec 72
ALBUMINS, pharmacodynamics/ CATTLE/ CHOLESTEROL, pharmacodynamics/ EGYPT/ GOATS/ HEAT/ *HEMOLYSIS, drug effects/ HEPARIN, pharmacodynamics/ HORSES/ HUMAN/ RABBITS/ SHEEP/ *SNAKES/ *VENOMS, pharmacodynamics

5299. **Möhring K, Madsen PO:** The effect of dextrans, furosemide, and heparin on renal function changes caused by hemolysis in the dog.
Invest Ophthalmol 10:404-8, Mar 73
ANIMAL EXPERIMENTS/ BLOOD TRANSFUSION, AUTOLOGOUS, adverse effects/ *DEXTRAN, pharmacodynamics/ DOGS/ *FUROSEMIDE, pharmacodynamics/ GLOMERULAR FILTRATION RATE/ HEMATOCRIT/ *HEMOLYSIS/ *HEPARIN, pharmacodynamics/ IODOHIPPURIC ACID/ IOTHALAMIC ACID/ KIDNEY, blood supply/ *KIDNEY, drug effects/ MALE/ MOLECULAR WEIGHT/ REGIONAL BLOOD FLOW

5300. **Mohring K, Madsen PO:** The effect of dextrans, furosemide, and heparin on renal function changes caused by hemolysis in the dog.
Invest Urol 10:404-8, Mar 73
ANIMAL EXPERIMENTS/ BLOOD TRANSFUSION, AUTOLOGOUS, adverse effects/ *DEXTRAN, pharmacodynamics/ DOGS/ *FUROSEMIDE, pharmacodynamics/ GLOMERULAR FILTRATION RATE/ HEMATOCRIT/ *HEMOLYSIS/ *HEPARIN, pharmacodynamics/ IODOHIPPURIC ACID/ IOTHALAMIC ACID/ KIDNEY, blood supply/ *KIDNEY, drug effects/ MALE/ MOLECULAR WEIGHT/ REGIONAL BLOOD FLOW

5301. **Moir JC:** Vesico-vaginal fistulae as seen in Britain.
J Obstet Gynaecol Br Commonw 80:598-602, Jul 73
BLADDER, injuries/ CESAREAN SECTION, adverse effects/ DRAINAGE/ FEMALE/ GREAT BRITAIN/ GYNECOLOGIC DISEASES, surgery/ HEMATOMA, complications/ HUMAN/ HYSTERECTOMY/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ POSTURE/ URINARY DIVERSION/ URINARY INCONTINENCE/ URINARY INCONTINENCE, STRESS, etiology/ UTERINE HEMORRHAGE, complications/ *VESICOVAGINAL FISTULA/ VESICOVAGINAL FISTULA, etiology/ VESICOVAGINAL FISTULA, surgery

5302. **Moisa I:** Obţinerea unei noi variante biologice (modificaţie) a tulpinii de virus gripal A 2-Hong Kong-1-68 prin adaptarea pe şoareci C3H hibrizi.
Stud Cercet Virusol 24:85-94, 1973 (Rum)
AGGLUTINATION TESTS/ ANTIGENS, VIRAL/ ENGLISH ABSTRACT/ HEAT/ *INFLUENZA VIRUSES/ MICE, INBRED C3H/ MUTATION/ TRYPSIN, pharmacodynamics/ UREA, pharmacodynamics/ VARIATION (GENETICS)

5303. **Mokhov MM:** Vliianie kortikosteroidov na pokazateli svertyvaemosti krovi pri portal'nykh tsirrozakh pecheni.
Vrach Delo 8:61-4, Aug 72 (Rus)
ADOLESCENCE/ ADULT/ AGED/ *BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS/ HUMAN/ *LIVER CIRRHOSIS, blood/ MALE/ MIDDLE AGE/ *PORTAL SYSTEM/ *PREDNISOLONE, pharmacodynamics

5304. **Mokhtar M, Badrawy R, Osman M:** The juvenile angiofibroma of the nasopharynx.
J Egypt Med Assoc 55:692-703, 1972
ADOLESCENCE/ ADULT/ *ANGIOMA, SCLEROSING/ ANGIOMA, SCLEROSING, radiography/ CHILD/ *FIBROMA/ FIBROMA, radiography/ HUMAN/ MALE/ METHODS/ *NASOPHARYNGEAL NEOPLASMS/ NASOPHARYNGEAL NEOPLASMS, radiography

5305. **Molenaar JL, Velde A ten, Pondman KW:** Anti-C3a, anti-C3B (anti-B) and their reaction with the anaphylatoxic fragment C3a.
J Immunol 110:702-8, Mar 73
ANIMAL EXPERIMENTS/ CAPILLARY PERMEABILITY/ CELL MEMBRANE/ *COMPLEMENT/ ERYTHROCYTES, immunology/ GEL DIFFUSION TESTS/ GUINEA PIGS/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ *IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ RABBITS, immunology/ SKIN TESTS/ TRYPSIN, pharmacodynamics

5306. **Moll JW, Dziatkowiak A, Iljin W, et al:** Les risques de l'artériographie. Lyon Chir 68:221-3, May-Jun 72 (Fre)
*ANGIOGRAPHY, adverse effects/ AORTA, ABDOMINAL, radiography/ AORTIC ARCH SYNDROMES, radiography/ *AORTOGRAPHY, adverse effects/ ARRHYTHMIA, prevention & control/ DISSEMINATED INTRAVASCULAR COAGULATION, prevention & control/ ELECTROCARDIOGRAPHY/ HUMAN/ METHODS/ PUNCTURES/ RENAL ARTERY OBSTRUCTION, radiography/ THROMBOSIS, prevention & control

5307. **Möllby R, Nord CE, Wadström T:** Biological activities contaminating preparations of phospholipase C (-toxin) from Clostridium perfringens.
Toxicon 11:139-47, Feb 73
ACID PHOSPHATASE, analysis/ CELL MEMBRANE, drug effects/ *CLOSTRIDIUM PERFRINGENS, enzymology/ DEOXYRIBONUCLEASE, analysis/ DRUG ADULTERATION/ ELECTROPHORESIS, DISK/ GEL DIFFUSION TESTS/ GLUCOSAMINIDASE, analysis/ GLUCOSIDASE, analysis/ GLUCURONIDASE, analysis/ HEMOLYSINS, analysis/ HYALURONIDASE, analysis/ HYDROGEN-ION CONCENTRATION/ IMMUNE SERUMS/ ISOELECTRIC FOCUSING/ PEPTIDE HYDROLASES, analysis/ *PHOSPHOLIPASE, analysis/ SULFATASES, analysis/ *TOXINS, analysis

5308. **Möller E:** Antigen binding strength of T and B lymphocytes after immunization with hapten.
Transplant Proc 4:357-60, Sep 72

AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTILYMPHOCYTE SERUM/ AUTORADIOGRAPHY/ *BINDING SITES, ANTIBODY/ *BONE MARROW CELLS, immunology/ DINITROPHENOLS/ ERYTHROCYTES, immunology/ HAPTENS/ HORSES, immunology/ IMMUNE ADHERENCE REACTION/ *LYMPHOCYTES, immunology/ MICE/ SPLEEN, cytology/ SPLEEN, immunology/ *THYMUS GLAND, immunology

5309. **Molloy MJ, Latto IP, Rosen M:** Analysis of nitrous oxide concentrations in whole blood: an evaluation of an equilibration technique.
Br J Anaesth 45:556-62, Jun 73
CARBON DIOXIDE, blood/ CHROMATOGRAPHY, GAS/ HEPARIN, blood/ HUMAN/ METHODS/ NITROGEN, blood/ *NITROUS OXIDE, blood/ OXYGEN, blood/ SOLUBILITY

5310. **Molnár L, Emödy J:** Therapie der Zuckerkranken vor, während und nach der Operation.
Klin Monatsbl Augenheilkd 160:615-8, May 72 (Ger)
ANESTHESIA, LOCAL/ BARBITURATES, adverse effects/ BARBITURATES, therapeutic use/ CATARACT EXTRACTION/ DIABETES MELLITUS, complications/ *DIABETES MELLITUS, drug therapy/ DIABETIC RETINOPATHY, surgery/ ENGLISH ABSTRACT/ *EYE DISEASES, surgery/ FEMALE/ GLAUCOMA, etiology/ HEMOSTATICS, administration & dosage/ HUMAN/ *INSULIN, administration & dosage/ IRITIS, complications/ IRITIS, etiology/ MALE/ POSTOPERATIVE CARE/ PREMEDICATION/ PREOPERATIVE CARE

5311. **Moloney PJ, Sullivan LD:** Management of priapism.
Am Surg 38:671-5, Dec 72
ADULT/ ANGIOGRAPHY/ CHILD, PRESCHOOL/ FISTULA, etiology/ HEMATOMA, etiology/ HEMODIALYSIS, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ PENIS, blood supply/ POSTOPERATIVE COMPLICATIONS/ PRIAPISM, etiology/ *PRIAPISM, surgery/ *SAPHENOUS VEIN, surgery/ THROMBOSIS, prevention & control/ TIME FACTORS/ VASCULAR DISEASES, etiology

5312. **Momburg M, Stuhlsatz HW, Kisters R, et al:** Isolierung und Substratspezifität einer 3'-Phosphoadenylylsulfat: Chondroitin-6-Sulfotransferase aus der Mäuseleber.
Hoppe Seylers Z Physiol Chem 353:1351-61, Aug 72 (Ger)
ADENOSINE/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE MONOPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ AMMONIUM SULFATE/ CATTLE/ CHLOROMERCURIBENZOATES, pharmacodynamics/ CHONDROITIN/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ENGLISH ABSTRACT/ FEMALE/ GALACTOSE/ GLUCOSAMINE/ HEPARIN, pharmacodynamics/ HYALURONIC ACID/ HYDRO-LYASES, metabolism/ *LIVER, enzymology/ MALE/ MICE/ MUCOPOLYSACCHARIDES/ PHENOLS/ PHOSPHATES/ PRECIPITATION/ STRUCTURE-ACTIVITY RELATIONSHIP/ SULFATES/ SULFUR ISOTOPES/ SULFURTRANSFERASES, antagonists & inhibitors/ *SULFURTRANSFERASES, isolation & purification/ SULFURTRANSFERASES, metabolism

5313. **Monaghan JM, Horn DB, Brock DJ:** Alpha1-antitrypsin in amniotic fluid.
Lancet 2:619-20, 15 Sep 73
*AMNIOTIC FLUID, analysis/ FEMALE/ GESTATIONAL AGE/ HUMAN/ PREGNANCY/ RESPIRATORY DISTRESS SYNDROME, enzymology/ TIME FACTORS/ *TRYPSIN INHIBITORS, analysis

5314. **Moncrief JA:** Burns.
N Engl J Med 288:444-54, 1 Mar 73 (88 ref.)
ANIMAL EXPERIMENTS/ BACTERIAL INFECTIONS, drug therapy/ BACTERIAL INFECTIONS, etiology/ BASAL METABOLISM/ BLOOD COAGULATION/ BLOOD VISCOSITY/ BODY TEMPERATURE REGULATION/ BODY WATER, metabolism/ *BURNS/ BURNS, blood/ BURNS, complications/ BURNS, metabolism/ BURNS, physiopathology/ BURNS, surgery/ BURNS, therapy/ CHILD/ DUODENAL ULCER, etiology/ HUMAN/ HYPERTENSION, etiology/ INFUSIONS, PARENTERAL/ KIDNEY, physiopathology/ LIPOPROTEINS, metabolism/ LUNG, physiopathology/ PNEUMONIA, etiology/ RESUSCITATION/ REVIEW/ SKIN, transplantation/ TRANSPLANTATION, HETEROLOGOUS/ TRANSPLANTATION, HOMOLOGOUS/ WATER-ELECTROLYTE BALANCE

5315. **Monesi B, Pasini G, Pascale M, et al:** L'embolia grassosa.
Arch Putti Chir Organi Mov 26:22-34, 1971 (Ita)
ADULT/ AGED/ EMBOLISM, FAT, drug therapy/ *EMBOLISM, FAT, etiology/ EMBOLISM, FAT, radiography/ FEMALE/ *FRACTURES, complications/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ MIDDLE AGE

5316. **Mongin M, Imbert P, Dor JF, et al:** Hématome sous-capsulaire rénal spontané et maladie périodique. (a propos d'un cas.
Mars Med 109:483-9, 1972 (Fre)
ADULT/ *HEMATOMA, etiology/ HUMAN/ HYPERTENSION, RENAL, etiology/ *KIDNEY DISEASES, etiology/ MALE/ PERIARTERITIS NODOSA, diagnosis/ *PERIODIC DISEASE, complications/ PERIODIC DISEASE, diagnosis

5317. **Monkhouse FC, Milojevic S, Schmitt A:** The significance of plasma inhibitor(s) in the control of fibrinolytic (plasmin) activity in blood.
Thromb Diath Haemorrh 28:367-75, 31 Dec 72
ALCOHOLS, AMYL/ *ANTITHROMBIN, blood/ BLOOD PROTEIN ELECTROPHORESIS/ CATTLE/ CENTRIFUGATION/ DOGS/ *FIBRINOLYSIN, blood/ FIBRINOLYSIN, physiology/ *FIBRINOLYSIS/ FREEZING/ GLYCOPROTEINS, blood/ HUMAN/ LIPOPROTEINS, blood/ METHODS/ PLASMINOGEN, blood/ SERUM GLOBULINS, isolation & purification

5318. **Monnens L, Kleynen F, Schretlen E:** Fibrinolytic treatment of the haemolytic-uraemic syndrome.
Lancet 1:692, 25 Mar 72
*ANEMIA, HEMOLYTIC, ACQUIRED, drug therapy/ CHILD/ HEMOLYTIC-UREMIC SYNDROME, drug therapy/ HUMAN/ *STREPTOKINASE, therapeutic use/ UREMIA, drug therapy

5319. **Monnens L, Kleynen F, Van Munster P, et al:** Coagulation studies and streptokinase therapy in the haemolytic-uraemic syndrome.
Helv Paediatr Acta 27:45-54, Apr 72
ANEMIA, HEMOLYTIC, complications/ *ANEMIA, HEMOLYTIC, drug therapy/ ANURIA, drug therapy/ *BLOOD COAGULATION TESTS/ BLOOD UREA NITROGEN/ CHILD/ CHILD, PRESCHOOL/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INFANT/ INJECTIONS, INTRAVENOUS/ KIDNEY CORTEX NECROSIS, drug therapy/ *KIDNEY FAILURE, ACUTE, drug therapy/ KIDNEY FAILURE, CHRONIC, complications/ STREPTOKINASE, administration & dosage/ *STREPTOKINASE, therapeutic use/ THROMBOPENIA, drug therapy

5320. **Monro JL, Weaver EJ:** A use for the Fogarty embolectomy catheter in hemostasis.
J Thorac Cardiovasc Surg 65:897-8, Jun 73
AORTIC VALVE, surgery/ *CATHETERIZATION, instrumentation/ *EMBOLISM, surgery/ EXTRACORPOREAL CIRCULATION/ HEMORRHAGE, therapy/

*HEMOSTASIS, instrumentation/ HUMAN/ METHODS/ SUTURE TECHNICS

5321. **Monsallier JF, Hayat JC:** L'embolie amniotique. Poumon Coeur 28:545-52, Sep 72 (Fre)
ADULT/ AGE FACTORS/ ANAPHYLAXIS, etiology/ DIAGNOSIS, DIFFERENTIAL/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ EDEMA/ *EMBOLISM, AMNIOTIC FLUID/ EMBOLISM, AMNIOTIC FLUID, complications/ EMBOLISM, AMNIOTIC FLUID, diagnosis/ EMBOLISM, AMNIOTIC FLUID, therapy/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS/ HEMORRHAGE, etiology/ HUMAN/ HYPERTENSION, PULMONARY, etiology/ LABOR COMPLICATIONS/ NEUROLOGIC MANIFESTATIONS/ PREGNANCY/ RESPIRATORY INSUFFICIENCY, etiology/ SHOCK, etiology

5322. **Montasir A, O'Sullivan WD:** Intramural hematoma of the duodenum. Ariz Med 30:23-7, Jan 73
*ABDOMINAL INJURIES, complications/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ DUODENAL DISEASES, diagnosis/ *DUODENAL DISEASES, etiology/ DUODENAL DISEASES, surgery/ HEMATOMA, diagnosis/ *HEMATOMA, etiology/ HEMATOMA, surgery/ *HEMORRHAGE, GASTROINTESTINAL, etiology/ HEMORRHAGE, GASTROINTESTINAL, surgery/ HUMAN/ MALE

5323. **Mookerjea S:** Phosphorylcholine: a specific promoter of reparin and serum -lipoprotein interaction. Biochem Biophys Res Commun 53:580-7, 17 Jul 73
ANIMAL EXPERIMENTS/ BINDING SITES/ CALCIUM CHLORIDE, pharmacodynamics/ CARBON ISOTOPES/ *CHOLINE, pharmacodynamics/ CHROMATOGRAPHY, THIN LAYER/ ETHANOLAMINES, pharmacodynamics/ *HEPARIN, blood/ HEPARIN, metabolism/ IN VITRO/ *LIPOPROTEINS, blood/ LIPOPROTEINS, LDL, blood/ LIPOPROTEINS, LDL, metabolism/ ORGANOPHOSPHORUS COMPOUNDS, pharmacodynamics/ PALMITIC ACID/ PROTEIN BINDING/ RATS/ SODIUM, pharmacodynamics/ SPECTROPHOTOMETRY

5324. **Moon EC, Kitay DZ:** Hematologic problems in pregnancy. II. Thrombotic (thrombohemolytic) thrombocytopenia purpura.
J Reprod Med 9:212-21, Nov 72
ADOLESCENCE/ ADULT/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ HYDROCORTISONE, therapeutic use/ KIDNEY, pathology/ PERITONEAL DIALYSIS/ PREDNISONE, therapeutic use/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, etiology/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, mortality/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, therapy/ *PURPURA, THROMBOTIC THROMBOPENIC/ PURPURA, THROMBOTIC THROMBOPENIC, etiology/ PURPURA, THROMBOTIC THROMBOPENIC, mortality/ PURPURA, THROMBOTIC THROMBOPENIC, therapy/ SPLENECTOMY

5325. **Moon K, Piszkiewicz D, Smith EL:** Amino acd sequence of chicken liver glutamate dehydrogenase.
J Biol Chem 248:3093-107, 10 May 73
*AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AUTOANALYSIS/ CARBOXYPEPTIDASES/ CHICKENS/ CYANOGEN BROMIDE/ GEL FILTRATION/ *GLUTAMATE DEHYDROGENASE/ *LIVER, enzymology/ MOLECULAR WEIGHT/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PROTEIN DENATURATION/ PROTEIN HYDROLYSATES/ PYRIDOXAL PHOSPHATE/ TRYPSIN/ ULTRACENTRIFUGATION

5326. **Moon K, Smith EL:** Sequence of bovine liver glutamate dehydrogenase. 8. Peptides produced by specific chemical cleavages; the complete sequence of the protein. J Biol Chem 248:3082-8, 10 May 73
*AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AUTOANALYSIS/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ *GLUTAMATE DEHYDROGENASE/ HYDROXYLAMINES/ *LIVER, enzymology/ *PEPTIDES, analysis/ PROTEIN HYDROLYSATES/ TRYPSIN/ TRYPTOPHAN, analysis

5327. **Moon NF:** Synovial hemangioma of the knee joint. A review of previously reported cases and inclusion of two new cases. Clin Orthop 90:183-90, Jan-Feb 73
CHILD/ CHILD, PRESCHOOL/ FEMALE/ *HEMANGIOMA/ HEMANGIOMA, radiography/ HEMANGIOMA, radiotherapy/ HEMANGIOMA, surgery/ HUMAN/ *KNEE JOINT/ MALE/ *SYNOVIAL MEMBRANE/ SYNOVIAL MEMBRANE, surgery

5328. **Moore FD:** Reflections on new treatments for burns--caveat legor. JAMA 225:294-5, 16 Jul 73
*BURNS, drug therapy/ *HEPARIN, therapeutic use/ HUMAN

5329. **Moore GL, Mallin WS, Roberts SC, et al:** In vitro analysis of platelet function during storage of platelets from plasmapheresed donors.
Transfusion 13:130-4, May-Jun 73
ADENOSINE DIPHOSPHATE, blood/ BLOOD COAGULATION FACTORS/ BLOOD DONORS/ *BLOOD PLATELETS, physiology/ *BLOOD PRESERVATION/ CARBON ISOTOPES/ CELL AGGREGATION/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MALE/ *PLASMAPHERESIS/ SEROTONIN, blood/ SEROTONIN, metabolism/ TEMPERATURE/ TIME FACTORS

5330. **Moore J Jr, Fenselau A:** Selective cysteine modification in glyceraldehyde-3-phosphate dehydrogenase.
Biochemistry 11:3762-70, 25 Sep 72
ACETONE/ ALKYLATION/ AMINO ACIDS, analysis/ BENZOATES/ BINDING SITES/ BROMINE/ CARBON ISOTOPES/ CHEMISTRY/ CHROMATOGRAPHY, PAPER/ *CYSTEINE/ DITHIOTHREITOL/ ELECTROPHORESIS, PAPER/ ENZYME ACTIVATION/ ETHYLMALEIMIDE/ *GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE/ GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE, analysis/ GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE, antagonists & inhibitors/ IODINE/ IODOACETATES/ MERCAPTOETHANOL/ *MUSCLES, enzymology/ PAPAIN/ PEPTIDES, isolation & purification/ RABBITS/ THIOSULFATES/ TRYPSIN

5331. **Morand G, Katzner M, Miech G, et al:** Les tumeurs primitives de la paroi thoracique.
Poumon Coeur 28:503-6 passim, Sep 72 (Fre)
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ *BONE NEOPLASMS/ BONE NEOPLASMS, diagnosis/ BONE NEOPLASMS, radiotherapy/ BONE NEOPLASMS, surgery/ CHONDROMA, surgery/ FEMALE/ HEMANGIOPERICYTOMA, surgery/ HUMAN/ LEIOMYOSARCOMA, radiotherapy/ MALE/ MIDDLE AGE/ PROGNOSIS/ *RIBS/ RIBS, surgery/ SARCOMA, surgery/ SEX FACTORS/ *STERNUM/ *THORACIC NEOPLASMS

5332. **Morawska A, Turowski G, Turowska B:** Przypadki malopłytkowości noworodków w wyniku izoimmunizacji matke antygenami układu HL-.
Pediatr Pol 48:583-8, May 73 (Pol)
ADOLESCENCE/ ADULT/ AUTOPSY/ ENGLISH ABSTRACT/ ERYTHROBLASTOSIS, FETAL, pathology/ FEMALE/ *HISTOCOMPATIBILITY ANTIGENS/ HUMAN/ *IMMUNIZATION/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, etiology/ *ISOANTIGENS/ MALE/ MATERNAL-FETAL

EXCHANGE/ PREGNANCY/ THROMBOPENIA, etiology

5333. **Morelli AC, Pedace E, Ibañez AM, et al:** Platelet neutral mucoprotein and plasma fibrinogen.
Medicina (B Aires) 32:573-87, Nov-Dec 72
*BLOOD PLATELET DISORDERS, blood/ *BLOOD PLATELETS/ *FIBRINOGEN, isolation & purification/ GEL FILTRATION/ HUMAN/ METHODS/ *MUCOPROTEINS, blood/ STAINS AND STAINING

5334. **Morelli AC, Reissenweber N:** Plasma fibrinogen bindings in hyperthrombosis.
Medicina (B Aires) 32:561-72, Nov-Dec 72
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION DISORDERS, blood/ BLOOD PLATELET DISORDERS, blood/ CRYOGLOBULINS, analysis/ *FIBRINOGEN, isolation & purification/ GEL FILTRATION/ MOLECULAR WEIGHT

5335. **Moreux J, Huguet C, Huguier M, et al:** Transplantation orthotopique du foie chez le chien. A propos de 50 cas. Essai d'utilisation d'un sérum antilymphocytaire.
J Chir (Paris) 103:401-8, Apr 72 (Fre)
AMINOTRANSFERASES, blood/ ANIMAL EXPERIMENTS/ *ANTILYMPHOCYTE SERUM, administration & dosage/ AZATHIOPRINE, administration & dosage/ BILIRUBIN, blood/ BLOOD CELL COUNT/ BLOOD COAGULATION DISORDERS, etiology/ DOGS/ ENGLISH ABSTRACT/ GRAFT REJECTION/ HEMORRHAGE, etiology/ IMMUNOGLOBULINS/ *LIVER, transplantation/ PHOSPHATASES, blood/ POSTOPERATIVE COMPLICATIONS/ PREDNISONE, administration & dosage/ TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION IMMUNOLOGY

5336. **Morgan BL:** The aftercare of rhytidectomies with the "no-dressing" technique.
Plast Reconstr Surg 51:576-7, May 73
*BANDAGES/ *FACE, surgery/ HEMATOMA, prevention & control/ HUMAN/ METHODS/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *SKIN, surgery/ *SURGERY, PLASTIC

5337. **Morgan FJ, Birken S, Canfield RE:** Comparison of chorionic gonadotropin and luteinizing hormone: a note on a proposed significant structural difference in the beta subunit. FEBS Lett 31:101-3, 1 Apr 73
AMINO ACID SEQUENCE/ CARBON ISOTOPES/ CATTLE/ CHROMATOGRAPHY, THIN LAYER/ GLYCOPROTEINS, metabolism/ *GONADOTROPINS, CHORIONIC/ HUMAN/ HYDROLYSIS/ *LH/ PEPTIDES, analysis/ PROTEIN CONFORMATION/ TRYPSIN

5338. **Morgan H, Nofzinger JD, Robertson JT, et al:** Hemorrhagic studies with severe hemodilution in profound hypothermia and cardiac arrest.
J Surg Res 14:459-64, May 73
ALBUMINS/ ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD PRESSURE/ BLOOD PROTEINS, analysis/ CEREBRAL ANEURYSM, surgery/ CRANIOTOMY/ DOGS/ FEMALE/ FEMORAL ARTERY/ FIBRINOGEN, analysis/ *HEART ARREST, INDUCED/ HEART ARREST, INDUCED, adverse effects/ HEMATOCRIT/ HEMORRHAGE, etiology/ *HEMORRHAGE, prevention & control/ HUMAN/ *HYPOTHERMIA, INDUCED/ HYPOTHERMIA, INDUCED, adverse effects/ MALE/ PERFUSION/ *PLASMA SUBSTITUTES/ POSTOPERATIVE COMPLICATIONS, prevention & control/ VENOUS PRESSURE

5339. **Morgan PH, Robinson NC, Walsh KA, et al:** Inactivation of bovine trypsinogen and chymotrypsinogen by diisopropylphosphorofluoridate.
Proc Natl Acad Sci USA 69:3312-6, Nov 72
ASPERGILLUS, enzymology/ BINDING SITES/ CARBON ISOTOPES/ CATTLE/ CHYMOTRYPSINOGEN, analysis/ *CHYMOTRYPSINOGEN, antagonists & inhibitors/ CHYMOTRYPSINOGEN, metabolism/ ENZYME ACTIVATION, drug effects/ ESTERS, metabolism/ ISOFLUROPHATE, metabolism/ *ISOFLUROPHATE, pharmacodynamics/ KINETICS/ ORGANOPHOSPHORUS COMPOUNDS, metabolism/ PEPTIDE HYDROLASES, metabolism/ PEPTIDES, isolation & purification/ *PROPANE, metabolism/ TRYPSINOGEN, analysis/ *TRYPSINOGEN, antagonists & inhibitors/ TRYPSINOGEN, metabolism/ TYROSINE, metabolism

5340. **Morgan RE, Moore JS, Phillips GO:** Effects of -irradiation on the staining of glycosaminoglycans with Alcian Blue.
J Histochem Cytochem 20:831-2, Oct 72
ANIMAL EXPERIMENTS/ CATTLE/ CHICKENS/ CHONDROITIN, analysis/ CHONDROITIN, radiation effects/ COMB AND WATTLES, analysis/ CORNEA, analysis/ HEPARIN, analysis/ HEPARIN, radiation effects/ HYALURONIC ACID, analysis/ HYALURONIC ACID, radiation effects/ KINETICS/ MALE/ METHODS/ MUCOPOLYSACCHARIDES, analysis/ *MUCOPOLYSACCHARIDES, radiation effects/ *RADIATION EFFECTS/ SKIN, analysis/ STAINS AND STAINING/ SWINE/ TRACHEA, analysis

5341. **Morgan WT, Hensley CP Jr, Riehm JP:** Proteins of the thermophilic fungus Humicola lanuginosa. I. Isolation and amino acid sequence of a cytochrome C.
J Biol Chem 247:6555-65, 25 Oct 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ *CYTOCHROME C/ CYTOCHROME C, analysis/ CYTOCHROME C, isolation & purification/ *DEUTEROMYCETES, analysis/ DEUTEROMYCETES, growth & development/ ELECTROPHORESIS, PAPER/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ ION EXCHANGE RESINS/ METHYLATION/ MOLECULAR WEIGHT/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY/ TOSYL COMPOUNDS

5342. **Mori K, Matsumoto K, Gans H:** On the in vivo clearance and detoxification of endotoxin by lung and liver.
Ann Surg 177:159-63, Feb 73
ANIMAL EXPERIMENTS/ ENDOTOXINS, administration & dosage/ *ENDOTOXINS, metabolism/ ESCHERICHIA COLI/ HEPARIN, pharmacodynamics/ INJECTIONS, INTRAVENOUS/ LEAD, pharmacodynamics/ LIVER, drug effects/ *LIVER, metabolism/ LUNG, drug effects/ *LUNG, metabolism/ METHODS/ PHAGOCYTES, drug effects/ RATS/ VENA CAVA, INFERIOR

5343. **Mori T, Kosaka K, Domae K:** Terminal electron transport system of M. lepraemurium.
Int J Lepr 39:813-28, Oct-Dec 71
ANIMAL EXPERIMENTS/ CARBON DIOXIDE, metabolism/ CYTOCHROMES/ *CYTOCHROMES, analysis/ *ELECTRON TRANSPORT/ FLAVINS, metabolism/ LEPROSY, metabolism/ MICE/ *MYCOBACTERIUM, metabolism/ MYCOBACTERIUM, radiation effects/ OXIDATION-REDUCTION/ OXIDOREDUCTASES, metabolism/ OXYGEN CONSUMPTION/ SPECTROPHOTOMETRY/ TISSUE EXTRACTS/ ULTRAVIOLET RAYS/ VITAMIN K, metabolism

5344. **Mori Y, Akedo H, Tanigaki Y:** Changes induced by concanavalin A in morphological and adhesive properties of suspension cells.
Exp Cell Res 78:360-6, Apr 73
*CELL ADHESION, drug effects/ CELL LINE/ CELLS, CULTURED/ CONCANAVALIN A, pharmacodynamics/ CYCLOHEXIMIDE, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ EDTA, pharmacodynamics/ GALACTOSE, pharmacodynamics/ GLASS/

GLYCOSIDES, pharmacodynamics/ HUMAN/ LEUKEMIA, MONOCYTIC/ LYMPHOMA/ MANNOSE, pharmacodynamics/ MICROSCOPY, PHASE CONTRAST/ *PHYTOMITOGENS, pharmacodynamics/ *PLANT AGGLUTININS, pharmacodynamics/ SARCOMA, MAST CELL/ TEMPERATURE/ TRYPSIN, pharmacodynamics/ VEGETABLES

5345. **Moriau M:** Perturbations de l'hémostase chez le polytraumatisé.
Cah Anesthesiol 20:379-81, May-Jun 72 (Fre)
*BLOOD COAGULATION DISORDERS, etiology/ EMBOLISM, FAT, etiology/ FIBRINOLYSIS/ HUMAN/ *WOUNDS AND INJURIES, complications

5346. **Moriguchi T:** [Fibrinolysis associated with consumption coagulopathy]
Jap J Clin Hematol 13:157-66, Apr 72 (Jap)
ANIMAL EXPERIMENTS/ *DISSEMINATED INTRAVASCULAR COAGULATION, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DOGS/ ENGLISH ABSTRACT/ *FIBRINOLYSIS/ FIBRINOLYSIS, drug effects/ HEPARIN, pharmacodynamics/ RABBITS/ THROMBIN, pharmacodynamics/ THROMBOPLASTIN, pharmacodynamics

5347. **Morihara K, Oka T:** Comparative specificity of microbial acid proteinases for synthetic peptides. 3. Relationship with their trypsinogen activating ability.
Arch Biochem Biophys 152:561-72, Aug 73
*ASPERGILLUS, enzymology/ CATTLE/ CHROMATOGRAPHY, PAPER/ CRYSTALLIZATION/ ELECTROPHORESIS, PAPER/ ENZYME ACTIVATION/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LYSINE/ *MONILIALES, enzymology/ *MUCOR, enzymology/ OLIGOPEPTIDES/ OLIGOPEPTIDES, chem synthesis/ PEPSIN, metabolism/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ *RHIZOPUS, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP/ SWINE/ *TRYPSINOGEN, metabolism

5348. **Morihara K, Oka T:** Effect of secondary interaction on the enzymatic activity of trypsin-like enzymes from Streptomyces.
Arch Biochem Biophys 156:764-71, Jun 73
AMINO ACIDS/ CATALYSIS/ CATTLE/ DIPEPTIDES/ DIPEPTIDES, chem synthesis/ KINETICS/ LYSINE/ OLIGOPEPTIDES, chem synthesis/ *PEPTIDE PEPTIDOHYDROLASES/ *STREPTOMYCES, enzymology/ STREPTOMYCES GRISEUS, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN

5349. **Morihara K, Oka T:** Effect of secondary interaction on the enzymatic activity of subtilisin BPN': comparison with alpha-chymotrypsin, trypsin, and elastase.
FEBS Lett 33:54-6, 15 Jun 73
BINDING SITES/ CATTLE/ *CHYMOTRYPSIN, metabolism/ KINETICS/ PANCREAS, enzymology/ *PANCREATOPEPTIDASE, metabolism/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ PROTEIN BINDING/ SUBTILISINS, metabolism/ *TRYPSIN, metabolism

5350. **Morihara K, Tsuzuki H, Oka T:** On the specificity of Pseudomonas aeruginosa alkaline proteinase with synthetic peptides.
Biochim Biophys Acta 309:414-29, 6 Jun 73
ALANINE/ AMIDES/ BENZYL COMPOUNDS/ BINDING SITES/ CHEMISTRY/ COBALT/ ENZYME ACTIVATION/ FORMIC ACIDS/ HYDROGEN-ION CONCENTRATION/ KINETICS/ OLIGOPEPTIDES/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDES/ PEPTIDES, chem synthesis/ PHENYLALANINE/ *PSEUDOMONAS AERUGINOSA, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP

5351. **Morii M, Sano A, Takeguchi N, et al:** [Studies on inactivation of alkaline protease by tabletting]
J Pharm Soc Jap 93:300-3, Mar 73 (Jap)
DRUG STABILITY/ ENGLISH ABSTRACT/ *PEPTIDE HYDROLASES/ PRESSURE/ TABLETS

5352. **Morimoto H, Imada I, Amano T, et al:** Ubiquinone and related compounds. XXI. Determination of ubiquinone-10 in human blood.
Biochem Med 7:169-77, Feb 73
ADULT/ ALCOHOLS, analysis/ BENZOPYRANS, analysis/ BLOOD PRESERVATION/ CHEMISTRY/ CHROMATOGRAPHY, GAS/ CYCLIZATION/ DRUG STABILITY/ ERYTHROCYTES, analysis/ FEMALE/ FREEZING/ HUMAN/ MALE/ SEX FACTORS/ TEMPERATURE/ TIME FACTORS/ *UBIQUINONE, blood/ VITAMIN E, analysis

5353. **Morimoto T, Fujisaki Y, Ito Y, et al:** Biological and physicochemical properties of porcine parvovirus recovered from stillborn piglets.
Natl Inst Anim Health Q (Tokyo) 12:137-44, Fall 72
ANIMAL EXPERIMENTS/ ANTIBODIES, VIRAL, analysis/ BRAIN, microbiology/ CENTRIFUGATION, DENSITY GRADIENT/ CHLOROFORM/ DEOXYURIDINE, pharmacodynamics/ DEPRESSION, CHEMICAL/ *DNA VIRUSES, isolation & purification/ ETHYL ETHER/ FEMALE/ FETAL DEATH, microbiology/ *FETAL DEATH, veterinary/ HEAT/ HEMAGGLUTINATION TESTS/ HYDROGEN-ION CONCENTRATION/ INCLUSION BODIES, VIRAL/ MICROSCOPY, ELECTRON/ PREGNANCY/ SURFACE-ACTIVE AGENTS/ SWINE/ *SWINE DISEASES, microbiology/ TRYPSIN/ VIRUS CULTIVATION/ VIRUS REPLICATION, drug effects

5354. **Morin P, Lasiargues P, Christides C, et al:** A propos d'une hémorragie du post-partum par défibrination aiguë traitée par exsanguino-transfusion et héparinothérapie.
Bull Fed Soc Gynecol Obstet Lang Fr 23:557-8, Nov-Dec 71 (Fre)
*BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, therapy/ *EXCHANGE TRANSFUSION/ FEMALE/ FIBRINOLYSIS, drug effects/ *HEMORRHAGE, POSTPARTUM, etiology/ HEMORRHAGE, POSTPARTUM, therapy/ *HEPARIN, therapeutic use/ HUMAN/ PREGNANCY

5355. **Morin Y, Gervaz JM, Galigani C, et al:** Nécrose corticale unilatérale avec sténose de l'uretère et anévisme sacciforme de l'artère du côté du rein protégé. Un observation.
Nouv Presse Med 2:635-7, 10 Mar 73 (Fre)
AGED/ *ANEURYSM, complications/ ANEURYSM, physiopathology/ CALCINOSIS/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ ISCHEMIA, physiopathology/ *KIDNEY CORTEX NECROSIS, complications/ KIDNEY CORTEX NECROSIS, etiology/ KIDNEY FAILURE, ACUTE, etiology/ KIDNEY, POLYCYSTIC/ *RENAL ARTERY/ RENAL ARTERY OBSTRUCTION, complications/ SHWARTZMAN PHENOMENON/ *URETERAL OBSTRUCTION, complications/ URETERAL OBSTRUCTION, physiopathology

5356. **Morino Y, Okamoto M:** Labeling of the active site of cytoplasmic aspartate aminotransferase by -chloro-L-alanine.
Biochem Biophys Res Commun 50:1061-7, 20 Feb 73
*ALANINE/ AMINO ACID SEQUENCE/ *ASPARTATE AMINOTRANSFERASE/ *BINDING SITES/ CARBON ISOTOPES/ CATTLE/ CHLORINE/ CIRCULAR DICHROISM/ *CYTOPLASM, enzymology/ HYDROLYSIS/ ISOENZYMES, isolation & purification/ MYOCARDIUM, enzymology/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPSIN

AUTHOR SECTION

5357. **Morley N, Kuksis A:** Positional specificity of lipoprotein lipase. J Biol Chem 247:6389-93, 25 Oct 72
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CATTLE/ CHROMATOGRAPHY, THIN LAYER/ *LIPOPROTEIN LIPASE/ LIPOPROTEIN LIPASE, blood/ *MILK, enzymology/ RATS/ STEREOISOMERS/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRIOLEIN/ TRITIUM

5358. **Morozov IA:** K lecheniiu otgematom.
Vestn Otorinolaringol 35:102-3, Mar-Apr 73 (Rus)
ADULT/ AMBULATORY CARE/ DRAINAGE/ *EAR DISEASES, therapy/ ENGLISH ABSTRACT/ *HEMATOMA, therapy/ HUMAN/ MALE/ OCCLUSIVE DRESSINGS/ PARAFFIN, administration & dosage/ PARAFFIN, therapeutic use

5359. **Morris BJ, Lumbers ER:** The activation of renin in human amniotic fluid by proteolytic enzymes.
Biochim Biophys Acta 289:385-91, 7 Dec 72
*AMNIOTIC FLUID, enzymology/ CARBOXYPEPTIDASES, metabolism/ CHYMOTRYPSIN, metabolism/ DIALYSIS/ ENZYME ACTIVATION, drug effects/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ OSMOLAR CONCENTRATION/ PEPSIN, pharmacodynamics/ *PEPTIDE HYDROLASES, pharmacodynamics/ PREGNANCY/ RADIOIMMUNOASSAY/ *RENIN, metabolism/ TEMPERATURE/ TIME FACTORS/ TRYPSIN, pharmacodynamics

5360. **Morris WT:** In vivo effect of phytohaemagglutinin on mouse haemopoietic tissue.
Acta Haematol (Basel) 49:57-64, 1973
ANIMAL EXPERIMENTS/ COLCHICINE/ ERYTHROCYTE COUNT/ *ERYTHROPOIESIS, drug effects/ FEMALE/ HEPARIN/ MICE/ MICE, INBRED C57BL/ MITOSIS, drug effects/ *PLANT AGGLUTININS, pharmacodynamics/ RETICULOCYTES

5361. **Morrisett JD, Broomfield CA:** A comparative study of spin-labeled serine enzymes: acetylcholinesterase, trypsin, -chymotrypsin, elastase, and subtilisin.
J Biol Chem 247:7224-31, 25 Nov 72
*ACETYLCHOLINESTERASE/ BINDING SITES/ *CHYMOTRYPSIN/ CYCLIC N-OXIDES/ ELECTRON SPIN RESONANCE/ FLUORINE/ HYDROGEN-ION CONCENTRATION/ INDICATORS AND REAGENTS/ ORGANOPHOSPHORUS COMPOUNDS/ *PANCREATOPEPTIDASE/ *PEPTIDE PEPTIDOHYDROLASES/ PIPERIDINES/ PROTEIN BINDING/ *SERINE/ SUBTILISINS/ *TRYPSIN

5362. **Morrison ES, Scott RF, Kroms M, et al:** Aortic mitochondrial function in experimentally induced atherosclerosis in swine and rabbits.
Biochem Med 7:308-15, Apr 73
ADENOSINE DIPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ AORTA, cytology/ *AORTA, metabolism/ ARTERIOSCLEROSIS, etiology/ *ARTERIOSCLEROSIS, metabolism/ CELL NUCLEUS, metabolism/ CHOLESTEROL, metabolism/ CYTOCHROME OXIDASE, metabolism/ DIET, ATHEROGENIC/ GLUTAMATES, metabolism/ MALE/ MITOCHONDRIA, enzymology/ *MITOCHONDRIA, metabolism/ OXYGEN CONSUMPTION/ PROTEINS, metabolism/ RABBITS/ SUCCINATES, metabolism/ SWINE

5363. **Morrison JC, Ellis G, Jones T, et al:** The effects of antibiotics on serum fibrinogen levels.
Obstet Gynecol 42:80-6, Jul 73
AMPICILLIN, administration & dosage/ AMPICILLIN, therapeutic use/ *ANTIBIOTICS, therapeutic use/ CEPHALORIDINE, administration & dosage/ CEPHALORIDINE, therapeutic use/ CEPHALOTHIN, administration & dosage/ CEPHALOTHIN, therapeutic use/ DELIVERY/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ FEMALE/ *FIBRINOGEN, analysis/ GENTAMICIN, administration & dosage/ GENTAMICIN, therapeutic use/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, INTRAVENOUS/ KANAMYCIN, administration & dosage/ KANAMYCIN, therapeutic use/ LABOR/ PENICILLIN, administration & dosage/ PENICILLIN, therapeutic use/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, diagnosis/ *PREGNANCY COMPLICATIONS, INFECTIOUS, drug therapy

5364. **Morrison JC, Flournoy H, Hutchins L, et al:** Hypertonic saline-induced abortion complicated by consumptive coagulopathy: a case report.
South Med J 66:561-2, May 73
*ABORTION, THERAPEUTIC, adverse effects/ ADULT/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ HUMAN/ *HYPERTONIC SOLUTIONS/ *KIDNEY FAILURE, ACUTE, etiology/ *SODIUM CHLORIDE

5365. **Morrison LM, Bajwa GS, Alfin-Slater RB, et al:** Prevention of vascular lesions by chondroitin sulfate A in the coronary artery and aorta of rats induced by a hypervitaminosis D, cholesterol-containing diet.
Atherosclerosis 16:105-18, Jul-Aug 72
ANIMAL EXPERIMENTS/ AORTA, THORACIC, pathology/ ARTERIOSCLEROSIS, pathology/ ARTERIOSCLEROSIS, prevention & control/ BODY WEIGHT/ CHOLESTEROL, blood/ CHOLESTEROL, DIETARY, administration & dosage/ CHONDROITIN, administration & dosage/ *CHONDROITIN, therapeutic use/ CORONARY DISEASE, pathology/ *CORONARY DISEASE, prevention & control/ CORONARY VESSELS, pathology/ *DIET, ATHEROGENIC/ LIPIDS, blood/ LIVER, metabolism/ RATS/ *VITAMIN D, poisoning

5366. **Morrison SA, Esnouf MP:** The nature of the heterogeneity of prothrombin during dicoumarol therapy. Nature [New Biol] 242:92-4, 21 Mar 73
AMINO ACIDS, analysis/ *BISHYDROXYCOUMARIN, pharmacodynamics/ BISHYDROXYCOUMARIN, therapeutic use/ BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION TESTS/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GALACTOSE, analysis/ GLUCOSAMINE, analysis/ GLUCOSE, analysis/ HUMAN/ IMMUNOELECTROPHORESIS/ MANNOSE, analysis/ NEURAMINIC ACIDS, analysis/ *PROTHROMBIN, analysis

5367. **Morrison TG, Lodish HF:** Translation of bacteriophage Q RNA by cytoplasmic extracts of mammalian cells.
Proc Natl Acad Sci USA 70:315-9, Feb 73
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *CARCINOMA, KREBS 2, metabolism/ CELL-FREE SYSTEM/ CELLS, CULTURED/ *COLIPHAGES/ COLIPHAGES, analysis/ CYTOPLASM/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ESCHERICHIA COLI, metabolism/ FEMALE/ KINETICS/ *L CELLS, metabolism/ MICE/ PEPTIDES, analysis/ RNA, MESSENGER, metabolism/ RNA, VIRAL, isolation & purification/ *RNA, VIRAL, metabolism/ SULFUR ISOTOPES/ *TRANSLATION, GENETIC/ TRITIUM/ TRYPSIN, metabolism/ VIRAL PROTEINS, analysis/ *VIRAL PROTEINS, biosynthesis/ VIRAL PROTEINS, metabolism

5368. **Morrone G:** Evoluzione delle conoscenze etio-patogenetiche delle sindromi emofiliche.
Pediatria (Napoli) 80:170-85, 1972 (80 ref.) (Ita)
BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ HEMOPHILIA, classification/ *HEMOPHILIA, etiology/ HEMOPHILIA, familial & genetic/ HEMOSTASIS/ HUMAN/ MALE/ REVIEW

5369. **Morse EE:** Fibrinogen and the fibrinogenopathies.
Ann Clin Lab Sci 1:155-61, Sep-Oct 71 (30 ref.)
*BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD

COAGULATION DISORDERS, familial & genetic/ BLOOD COAGULATION DISORDERS, immunology/ BLOOD COAGULATION DISORDERS, metabolism/ BLOOD COAGULATION TESTS/ *FIBRINOGEN/ FIBRINOGEN, analysis/ FIBRINOGEN, metabolism/ FIBRINOLYSIS/ HUMAN/ LIVER NEOPLASMS, complications/ PANCREATIC NEOPLASMS, complications/ POSTOPERATIVE COMPLICATIONS/ REVIEW/ THROMBIN, metabolism

5370. **Morse EE, Jackson DP:** Thromboasthenia.
Ann Clin Lab Sci 2:432-9, Nov-Dec 72
ADENOSINE DIPHOSPHATE/ ADENOSINE TRIPHOSPHATE, metabolism/ ADOLESCENCE/ ADULT/ BLOOD CELL COUNT/ *BLOOD PLATELET DISORDERS, blood/ BLOOD PLATELETS, analysis/ BLOOD PLATELETS, metabolism/ BLOOD PROTEINS, analysis/ CELL AGGREGATION/ CHILD/ CLOT RETRACTION/ FACTOR V, analysis/ FEMALE/ FIBRINOGEN, analysis/ HUMAN/ IMMUNE SERUMS/ MALE/ SEROTONIN, metabolism/ THROMBIN

5371. **Morton NE, Klein D, Hussels IE, et al:** Genetic structure of Switzerland. Am J Hum Genet 25:347-61, Jul 73
ABO FACTORS/ CONSANGUINITY/ EPIDEMIOLOGIC METHODS/ FEMALE/ *GENETICS, HUMAN/ HEMOPHILIA, familial & genetic/ HUMAN/ INBREEDING/ MALE/ MEDICAL RECORDS/ MYOTONIA ATROPHICA, familial & genetic/ NAMES/ PHENOTYPE/ RETINAL DEGENERATION, familial & genetic/ SOCIAL ISOLATION/ SWITZERLAND/ TRANSIENTS AND MIGRANTS

5372. **Moschella SL, Greenwald MA:** Psoriasis with hydroxyurea. An 18-month study of 60 patients.
Arch Dermatol 107:363-8, Mar 73
ADULT/ AGED/ ANEMIA, chemically induced/ DRUG RESISTANCE/ FEMALE/ HEPATITIS, TOXIC, etiology/ HUMAN/ HYDROXYUREA, administration & dosage/ HYDROXYUREA, adverse effects/ *HYDROXYUREA, therapeutic use/ LEUKOPENIA, chemically induced/ LIVER, drug effects/ MALE/ MIDDLE AGE/ *PSORIASIS, drug therapy/ RECURRENCE/ THROMBOPENIA, chemically induced/ TIME FACTORS

5373. **Moschos CB, Khan MI, Jesrani MU, et al:** Potentation of thrombolysis by a sulfhydryl inhibitor.
Cardiovasc Res 6:556-61, Sep 72
ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ CHLOROMERCURIBENZOATES, administration & dosage/ *CHLOROMERCURIBENZOATES, therapeutic use/ CORONARY CIRCULATION/ *CORONARY DISEASE, drug therapy/ CORONARY VESSELS, radiography/ DOGS/ *DRUG SYNERGISM/ ELECTROCARDIOGRAPHY/ *FIBRINOLYSIN, therapeutic use/ MALE/ STREPTOKINASE, administration & dosage/ THROMBOSIS, drug therapy

5374. **Moschos CB, Lahiri K, Peter A, et al:** Effect of aspirin upon experimental coronary and non-coronary thrombosis and arrhythmia.
Am Heart J 84:525-30, Oct 72
ANIMAL EXPERIMENTS/ *ARRHYTHMIA, prevention & control/ *ASPIRIN, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *CORONARY DISEASE, drug therapy/ DOGS/ *FEMORAL ARTERY/ *THROMBOSIS, drug therapy

5375. **Moschos CB, Lahiri K, Lyons M, et al:** Relation of microcirculatory thrombosis to thrombus in the proximal coronary artery: effect of aspirin, dipyridamole, and thrombolysis.
Am Heart J 86:61-8, Jul 73
ANIMAL EXPERIMENTS/ *ASPIRIN, pharmacodynamics/ ASPIRIN, therapeutic use/ BLOOD PLATELETS/ CHROMIUM ISOTOPES/ COMPARATIVE STUDY/ *CORONARY CIRCULATION/ CORONARY DISEASE, drug therapy/ *CORONARY DISEASE, pathology/ *DIPYRIDAMOLE, pharmacodynamics/ DIPYRIDAMOLE, therapeutic use/ DOGS/ FIBRINOLYSIN, pharmacodynamics/ MALE/ METHODS/ *MICROCIRCULATION/ MYOCARDIUM/ *THROMBOSIS, drug therapy/ THROMBOSIS, pathology

5376. **Moskalewska K:** Test zahamowania migracji i jego zastosowanie w badaniach nad alergią późną.
Przegl Dermatol 59:677-82, Sep-Oct 72 (47 ref.) (Pol)
ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ ANTIGENS/ CELL MEMBRANE PERMEABILITY, drug effects/ *CELL MIGRATION INHIBITION/ DRUG HYPERSENSITIVITY, diagnosis/ GUINEA PIGS/ HUMAN/ *HYPERSENSITIVITY, DELAYED, diagnosis/ LYMPHOCYTES, enzymology/ LYMPHOCYTES, immunology/ MACROPHAGES, enzymology/ MACROPHAGES, immunology/ REVIEW/ TIME FACTORS/ TRYPSIN, physiology/ TUBERCULIN TEST

5377. **Moskowitz RW:** Osteoarthritis: a new look at an old disease. Geriatrics 28:121-8, Jun 73 (39 ref.)
ANALGESICS AND ANTIPYRETICS, administration & dosage/ ANALGESICS AND ANTIPYRETICS, therapeutic use/ ANTI-INFLAMMATORY AGENTS, therapeutic use/ ARTHRODESIS/ BONE MARROW/ CARTILAGE/ DEBRIDEMENT/ DIET, REDUCING/ HUMAN/ JOINT PROSTHESIS/ LYSOSOMES, enzymology/ MUCOPOLYSACCHARIDES, therapeutic use/ MUSCLE RELAXANTS, CENTRAL, therapeutic use/ *OSTEOARTHRITIS/ OSTEOARTHRITIS, drug therapy/ OSTEOARTHRITIS, etiology/ OSTEOARTHRITIS, pathology/ OSTEOARTHRITIS, surgery/ OSTEOARTHRITIS, therapy/ OSTEOMALACIA, prevention & control/ OSTEOTOMY/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PHYSICAL THERAPY/ REST/ REVIEW/ SALICYLIC ACID, pharmacodynamics/ SILICONES, therapeutic use/ TISSUE EXTRACTS

5378. **Moskvicheva IV, Dudkina MI, Zuev AS, et al:** Zavisimost' immunobiologicheskikh svoĭstv fraktsiĭ antigennykh preparatov S. typhi ot ikh molekuliarno-vesvykh parametrov.
Zh Mikrobiol Epidemiol Immunobiol 49:82-6, Oct 72 (Rus)
ANIMAL EXPERIMENTS/ *ANTIBODY FORMATION/ *ANTIGENS, BACTERIAL/ BINDING SITES/ ENGLISH ABSTRACT/ MOLECULAR WEIGHT/ PEROXIDES/ RABBITS/ SALMONELLA PARATYPHI, immunology/ *SALMONELLA TYPHOSA, immunology/ TRYPSIN

5379. **al-Moslih MI, Dubes GR:** Orthophosphate and amino acids as nutritional factors stimulating diethylaminoethyl-dextran-induced cell sensitization to transfection.
Arch Gesamte Virusforsch 41:71-9, 1973
*AMINO ACIDS, pharmacodynamics/ CELLS, CULTURED/ CHYMOTRYPSIN, pharmacodynamics/ *DEXTRAN, pharmacodynamics/ ECHO VIRUSES, immunology/ ENZYMES, pharmacodynamics/ IMMUNITY, CELLULAR/ *IMMUNITY, CELLULAR, drug effects/ KIDNEY/ KINETICS/ MONKEYS/ *PHOSPHATES, pharmacodynamics/ POLIOVIRUS, immunology/ RIBONUCLEASE, pharmacodynamics/ RNA, VIRAL/ TIME FACTORS

5380. **Mosolov VV, Sokolova EV:** Vzaimodeĭstvie glikoleĭ i glitserina s aktivnym tsentrom tripsina i khimotripsina.
Dokl Akad Nauk SSSR 207:228-31, 1 Nov 72 (Rus)
*CHYMOTRYPSIN/ ETHYLENE/ *GLYCERIN/ *GLYCOLS/ *TRYPSIN

5381. **Moss B, Rosenblum EN, Garon CF:** Glycoprotein synthesis in cells infected with vaccinia virus. 3. Purification and biosynthesis of the virion glycoprotein. Virology 55:143-56, Sep 73
AMINO ACID SEQUENCE/ AUTORADIOGRAPHY/ CARBON ISOTOPES/

CHROMATOGRAPHY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GLYCOPROTEINS, analysis/ *GLYCOPROTEINS, biosynthesis/ GLYCOPROTEINS, isolation & purification/ HELA CELLS/ HUMAN/ HYDROXYAPATITE/ MOLECULAR WEIGHT/ PEPTIDES, analysis/ TIME FACTORS/ TRITIUM/ TRYPSIN/ VACCINIA VIRUS, analysis/ VACCINIA VIRUS, growth & development/ *VACCINIA VIRUS, metabolism/ VIRAL PROTEINS, analysis/ *VIRAL PROTEINS, biosynthesis/ VIRAL PROTEINS, isolation & purification

5382. **Moss GS, DeWoskin R, Cochin A:** Stroma-free hemoglobin. I. Preparation and observations on in vitro changes in coagulation.
Surgery 74:198-203, Aug 73
ADSORPTION/ ALUMINUM HYDROXIDE GEL/ ANIMAL EXPERIMENTS/ ANTICOAGULANTS/ *BLOOD COAGULATION/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ FACTOR V, analysis/ FACTOR VIII, analysis/ *HEMOGLOBIN/ IN VITRO/ MONKEYS/ OXYGEN, blood/ *PLASMA SUBSTITUTES/ PROTHROMBIN TIME/ RESUSCITATION/ SHOCK, HEMORRHAGIC, therapy/ THROMBOPLASTIN

5383. **Moss RA, Castro O:** Platgelet transfusion for quinidine-induced thrombocytopenia.
N Engl J Med 288:522-3, 8 Mar 73
AGED/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ *BLOOD TRANSFUSION/ FEMALE/ HUMAN/ MUSCLE CRAMP, drug therapy/ *QUINIDINE, adverse effects/ QUINIDINE, therapeutic use/ THROMBOPENIA, chemically induced/ *THROMBOPENIA, therapy

5384. **Moss S, Lobley RW, Holmes R:** Comparative release of enterokinase and other small intestinal enzymes following secretin and pancreozymin in man.
Clin Sci 44:19P, Apr 73
ALKALINE PHOSPHATASE, analysis/ HUMAN/ INTESTINE, SMALL, drug effects/ *INTESTINE, SMALL, enzymology/ *PANCREOZYMIN, pharmacodynamics/ PEPTIDE PEPTIDOHYDROLASES, analysis/ *PEPTIDE PEPTIDOHYDROLASES, secretion/ *SECRETIN, pharmacodynamics/ SUCRASE, analysis

5385. **Moss S, Lobley RW, Holmes R:** Enterokinase in human duodenal juice following secretin and pancreozymin and its relationship to bile salts and trypsin.
Gut 13:851, Oct 72
ATROPHY, enzymology/ *BILE ACIDS AND SALTS, analysis/ *DUODENUM, enzymology/ HUMAN/ INTESTINAL SECRETIONS, enzymology/ PANCREATIC DISEASES, enzymology/ *PANCREOZYMIN, pharmacodynamics/ *PEPTIDE PEPTIDOHYDROLASES, secretion/ SECRETIN, pharmacodynamics/ STIMULATION, CHEMICAL/ *TRYPSIN, physiology

5386. **Mott C, Sarles H, Tiscornia O, et al:** Inhibitory action of alcohol on human exocrine pancreatic secretion.
Am J Dig Dis 17:902-10, Oct 72
ADULT/ ALCOHOL, ETHYL, administration & dosage/ ALCOHOL, ETHYL, blood/ *ALCOHOL, ETHYL, pharmacodynamics/ BICARBONATES, analysis/ BICARBONATES, secretion/ CALCIUM, analysis/ CALCIUM, secretion/ CHOLECYSTOKININ, pharmacodynamics/ CHYMOTRYPSIN, analysis/ CHYMOTRYPSIN, secretion/ DEPRESSION, CHEMICAL/ DUODENUM, secretion/ GASTRIC MUCOSA, secretion/ HUMAN/ INJECTIONS, INTRAVENOUS/ LIPASE, analysis/ LIPASE, secretion/ METHODS/ MIDDLE AGE/ PANCREAS, drug effects/ *PANCREAS, secretion/ PANCREOZYMIN, pharmacodynamics/ SECRETIN, pharmacodynamics/ STOMACH

5387. **Möttönen M, Nevalainen T, Nieminen L:** The effect of osmium tetroxide on synovitis in rabbits induced by immunization. Scand J Rheumatol 1:41-5, 1972
ANIMAL EXPERIMENTS/ CONNECTIVE TISSUE/ FEMALE/ FIBRIN/ FREUND'S ADJUVANT/ KNEE JOINT/ MACROPHAGES/ MALE/ *OSMIUM, therapeutic use/ OXIDES, therapeutic use/ PLASMA CELLS/ RABBITS/ *SYNOVIAL MEMBRANE/ SYNOVITIS, chemically induced/ *SYNOVITIS, drug therapy/ SYNOVITIS, pathology

5388. **Mounier-Kuhn P, Gaillard J, Dumolard P, et al:** Les angiomes du larynx chez le nourrisson: une cause parfois méconnue de dyspnée laryngée grave.
J Med Lyon 53:1577-91, 20 Nov 72 (Fre)
DEGLUTITION DISORDERS, etiology/ *DYSPNEA, etiology/ FEMALE/ *HEMANGIOMA, complications/ HEMANGIOMA, diagnosis/ HEMANGIOMA, therapy/ HUMAN/ INFANT/ *LARYNGEAL NEOPLASMS, complications/ LARYNGEAL NEOPLASMS, diagnosis/ LARYNGEAL NEOPLASMS, therapy/ LARYNGOSCOPY/ MALE

5389. **Mousseau M:** Technique de biopsie chirurgicale du foie.
Nouv Presse Med 2:1007-8, 14 Apr 73 (Fre)
*BIOPSY/ HEMOSTASIS/ HUMAN/ *LIVER/ METHODS/ SUTURE TECHNICS

5390. **Mowat AP, Stroud CE, Williams R:** Corticosteroids in neonatal hepatitis. Br Med J 2:50, 7 Apr 73
*ADRENAL CORTEX HORMONES, therapeutic use/ *HEPATITIS, drug therapy/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, drug therapy/ TRYPSIN INHIBITORS, blood

5391. **Moxon GH, Slifkin MA:** The potentiation of the reversal of metachromasia in a toluidine blue-heparin complex by amino acids in the presence of some heterocyclic nitrogen drugs.
Biochim Biophys Acta 304:693-701, 28 May 73
*AMINO ACIDS/ CHEMISTRY/ *DYES/ GLYCINE/ *HEPARIN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *PHENOTHIAZINES/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TOLUIDINE BLUE O

5392. **Moyer JD, Rao CN, Widrich WC, et al:** Conservative management of renal artery embolus.
J Urol 109:138-43, Feb 73
ANGIOGRAPHY/ *EMBOLISM, drug therapy/ EMBOLISM, mortality/ EMBOLISM, radiography/ EMBOLISM, surgery/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, INTRAVENOUS/ MALE/ MIDDLE AGE/ *RENAL ARTERY OBSTRUCTION, drug therapy/ RENAL ARTERY OBSTRUCTION, mortality/ RENAL ARTERY OBSTRUCTION, radiography/ RENAL ARTERY OBSTRUCTION, surgery/ WARFARIN, administration & dosage/ WARFARIN, therapeutic use

5393. **Mueller-Eckhardt C, Heinrich D, Rothenberg V:** Studies on cross reactive HL-A antibodies by elution with platelets. Tissue Antigens 2:436-46, 1972
*ANTIBODIES/ *ANTIBODY DISSOCIATION/ ANTIBODY SPECIFICITY/ ANTIGEN-ANTIBODY REACTIONS/ *BLOOD PLATELETS, immunology/ COMPLEMENT FIXATION TESTS/ CROSS REACTIONS/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FEMALE/ *HISTOCOMPATIBILITY ANTIGENS/ HISTOCOMPATIBILITY TESTING/ HUMAN/ LEUKOCYTE CULTURE TEST, MIXED/ PREGNANCY

5394. **Mueller-Eckhardt C, Müller-Berghaus G:** Tierexperimentelle Untersuchungen zum Auslösungsmechanismus der Verbrauchscoagulopathie durch Immunreaktionen.
Verh Dtsch Ges Inn Med 77:1157-9, 1971 (Ger)
AMINOCAPROIC ACID/ ANIMAL EXPERIMENTS/ CATTLE, immunology/ DISEASE MODELS, ANIMAL/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FACTOR XII, analysis/ KIDNEY GLOMERULUS, pathology/

NOREPINEPHRINE/ RABBITS/ SERUM ALBUMIN/ *SHWARTZMAN PHENOMENON, complications

5395. **Muggia FM:** Hyperkalaemia and chemotherapy. Lancet 1:602-3, 17 Mar 73
AGED/ *ANTINEOPLASTIC AGENTS, adverse effects/ DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ HUMAN/ *HYPERKALEMIA, chemically induced/ *LYMPHOSARCOMA, drug therapy/ MALE

5396. **Muggia FM, Creaven PJ, Hansen HH, et al:** Phase I clinical trial of weekly and daily treatment with camptothecin (NSC-100880): correlation with preclinical studies.
Cancer Chemother Rep 56:515-21, Aug 72
*CAMPTOTHECIN, administration & dosage/ CAMPTOTHECIN, adverse effects/ CAMPTOTHECIN, therapeutic use/ CAMPTOTHECIN, toxicity/ CYSTITIS, chemically induced/ HUMAN/ LEUKOCYTE COUNT/ LEUKOPENIA, chemically induced/ NEOPLASMS, blood/ NEOPLASMS, drug therapy/ THROMBOPENIA, chemically induced

5397. **Mühe E, Schwemmle K, Hermanek P, et al:** Die kontinuierliche Spüll-Saug-Drainage mit Streptokinase bei eitrig-fibrinosöser Peritonitis.
Med Monatsschr 27:223-6, May 73 (Ger)
ANIMAL EXPERIMENTS/ AUTOPSY/ COLON, surgery/ DOGS/ DRAINAGE/ HUMAN/ INTESTINE, SMALL, surgery/ IRRIGATION/ MALE/ METHODS/ *PERITONITIS, therapy/ POSTOPERATIVE COMPLICATIONS, therapy/ STOMACH, surgery/ *STREPTOKINASE, administration & dosage

5398. **Mühlberger F:** Allergie gegen Tuberkulostatika; Unter besonderer Berücksichtigung neuer Mittel.
Schweiz Med Wochenschr 103:126-31, 27 Jan 73 (Ger)
ADULT/ AGED/ AGRANULOCYTOSIS, chemically induced/ ANAPHYLAXIS, chemically induced/ *ANTITUBERCULAR AGENTS, adverse effects/ CAPREOMYCIN, adverse effects/ CYCLOSERINE, adverse effects/ *DRUG HYPERSENSITIVITY, etiology/ ENGLISH ABSTRACT/ ETHAMBUTOL, adverse effects/ ETHIONAMIDE, adverse effects/ FEMALE/ HUMAN/ ISONIAZID, adverse effects/ KANAMYCIN, adverse effects/ PYRAZINAMIDE, adverse effects/ RIFAMPIN, adverse effects/ THROMBOPENIA, chemically induced/ VIOMYCIN, adverse effects

5399. **Mühlenfels W von, Wieser O:** Tumorwachstum und Mastzellen.
Osterr Z Erforsch Bekaempf Krebskr 27:277-80, 1972 (Ger)
ANIMAL EXPERIMENTS/ BODY WEIGHT/ HEPARIN, pharmacodynamics/ MALE/ *MAST CELLS/ MAST CELLS, drug effects/ MELANOMA, metabolism/ *MELANOMA, pathology/ MICE/ MICE, INBRED STRAINS/ NEOPLASM TRANSPLANTATION/ SARCOMA, MAST CELL, metabolism/ *SARCOMA, MAST CELL, pathology

5400. **Mukasa H, Slade HD:** Immunological and chemical studies of the streptococcal group O protein type antigens. Infect Immun 6:810-8, Nov 72
ALKALINE PHOSPHATASE, pharmacodynamics/ AMINO ACIDS, analysis/ ANTIGENIC DETERMINANTS, analysis/ *ANTIGENS, BACTERIAL, analysis/ ANTIGENS, BACTERIAL, isolation & purification/ CELL WALL, immunology/ CHROMATOGRAPHY, THIN LAYER/ DEOXYRIBONUCLEASE, pharmacodynamics/ GEL DIFFUSION TESTS/ GLUCOSIDASE, pharmacodynamics/ HEMAGGLUTINATION TESTS/ IMMUNOELECTROPHORESIS/ MOLECULAR WEIGHT/ NUCLEOPROTEINS, analysis/ PENTOSES, analysis/ PEPTIDE CHAIN TERMINATION/ PHOSPHORUS, analysis/ PRECIPITIN TESTS/ RIBONUCLEASE, pharmacodynamics/ STREPTOCOCCUS, classification/ *STREPTOCOCCUS, immunology/ TRYPSIN, pharmacodynamics

5401. **Mukasa H, Slade HD:** Extraction, purification, and chemical and immunological properties of the Streptococcus mutans group "a" polysaccharide cell wall antigen. Infect Immun 8:190-8, Aug 73
ALKALINE PHOSPHATASE, pharmacodynamics/ ANTIBODIES, BACTERIAL/ *ANTIGENS, BACTERIAL, isolation & purification/ CELL WALL, immunology/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, THIN LAYER/ GEL DIFFUSION TESTS/ GLUCOSIDASE, pharmacodynamics/ HYDROCHLORIC ACID, pharmacodynamics/ IMMUNOELECTROPHORESIS/ PEPSIN, pharmacodynamics/ *POLYSACCHARIDES, BACTERIAL, isolation & purification/ PRECIPITIN TESTS/ PRONASE, pharmacodynamics/ RIBONUCLEASE, pharmacodynamics/ *STREPTOCOCCUS, immunology/ TRYPSIN, pharmacodynamics

5402. **Mukherjea AK, Sen AK:** Proteolytic activity of Entamoeba histolytica. 1. Detection of enzyme by photographic film band.
Bull Calcutta Sch Trop Med 19:42-3, Apr 71
*ENTAMOEBA HISTOLYTICA, enzymology/ METHODS/ *PEPTIDE HYDROLASES, analysis/ PHOTOGRAPHY, instrumentation

5403. **Mukherjea AK, Sen AK:** Proteolytic activity of Entamoeba histolytica. 3. Some properties of the enzyme. Bull Calcutta Sch Trop Med 19:94-5, Oct 71
*ENTAMOEBA HISTOLYTICA, enzymology/ *PEPTIDE HYDROLASES, biosynthesis

5404. **Mukherjea AK, Sen AK:** Proteolytic activity of a small variety of Entamoeba histolytica. II. Detection of enzyme and effect of pH on its activity.
Bull Calcutta Sch Trop Med 19:64-5, Jul 71
*ENTAMOEBA HISTOLYTICA, enzymology/ HYDROGEN-ION CONCENTRATION/ *PEPTIDE HYDROLASES, metabolism

5405. **Mukherjee A, Ghosh S:** Some observations in lepra reaction. Bull Calcutta Sch Trop Med 19:57-9, Jul 71
ADULT/ BLOOD COAGULATION DISORDERS, etiology/ *FIBRINOGEN, analysis/ HEPARIN, pharmacodynamics/ HUMAN/ *LEPROSY, blood/ LEPROSY, complications/ MALE/ MIDDLE AGE/ PRECIPITATION

5406. **Muler H, Prache H, Cotin G, et al:** Fosses nasales de l'enfant. Deux formations pathologiques: angiome, méningocèle.
Ann Otolaryngol Chir Cervicofac 89:445-8, Jul-Aug 72 (Fre)
CHILD, PRESCHOOL/ DURA MATER, surgery/ EPISTAXIS, etiology/ *HEMANGIOMA/ HEMANGIOMA, surgery/ HUMAN/ MALE/ *MENINGOCELE, diagnosis/ MENINGOCELE, surgery/ *NOSE NEOPLASMS

5407. **Mülfay V, Indig B:** Hemangiom subglotic congenital.
Otorinolaringologie 18:299-304, Jul-Aug 73 (Rum)
ENGLISH ABSTRACT/ *FACIAL NEOPLASMS, congenital/ FEMALE/ *HEMANGIOMA, congenital/ HUMAN/ INFANT/ *LARYNGEAL NEOPLASMS, congenital/ *NECK NEOPLASMS, congenital/ *TRACHEAL NEOPLASMS, congenital

5408. **Mulherkar L, Joshi PN, Telang NT:** Factors associated with reaggregation of fresh water sponge cells: effect of trypsin. Indian J Exp Biol 10:236-7, May 72
ANIMAL EXPERIMENTS/ ARGININE, pharmacodynamics/ CELL AGGREGATION, drug effects/ HYDROLYSIS/ LYSINE, pharmacodynamics/ *PORIFERA, drug effects/ PROTEINS/ TIME FACTORS/ *TRYPSIN, pharmacodynamics

5409. **Müller F, Segerling M:** Immunologische und enzymchemische Untersuchungen über die Zellwandstruktur von Treponema pallidum.
Zentralbl Bakteriol [Orig A] 220:494-8, May 72 (Ger)
ANTIBODIES/ BINDING SITES, ANTIBODY, analysis/ *CELL WALL, analysis/

COMPLEMENT/ ERYTHROCYTES/ GUINEA PIGS, immunology/ HEMOLYSIS/ IMMUNE SERUMS/ LIPOPOLYSACCHARIDES, analysis/ LIPOPROTEINS, analysis/ MURAMIDASE/ PEPTIDOGLYCAN/ TIME FACTORS/ TREPONEMA PALLIDUM, analysis/ *TREPONEMA PALLIDUM, cytology/ TREPONEMA PALLIDUM, immunology/ TRYPSIN

5410. **Müller G, Hilgard P, Hiemeyer V:** Faktor-XII-Mangel bei zwei Brüdern.
Dtsch Med Wochenschr 98:267-9, 9 Feb 73 (Ger)
BLOOD COAGULATION DISORDERS, blood/ *BLOOD COAGULATION DISORDERS, familial & genetic/ BLOOD COAGULATION TESTS/ CHILD/ ENGLISH ABSTRACT/ *FACTOR XII/ HETEROZYGOTE/ HUMAN/ INFANT/ MALE/ PLATELET ADHESIVENESS/ PROTHROMBIN TIME/ THROMBELASTOGRAPHY

5411. **Müller GM, Geserick G:** Die Anwendung des 1 -Fetoproteins bei der Diagnose des primären Leberzellkarzinoms.
Z Gesamte Inn Med 27:1084-7, 15 Dec 72 (Ger)
AMNIOTIC FLUID/ AMNIOTIC FLUID, analysis/ CADAVER/ CHRONIC DISEASE/ DIAGNOSIS, DIFFERENTIAL/ EMBRYO/ ENGLISH ABSTRACT/ FEMALE/ FETAL GLOBULINS, analysis/ *FETAL GLOBULINS, diagnostic use/ GEL DIFFUSION TESTS/ GESTATIONAL AGE/ HEMANGIOENDOTHELIOMA, diagnosis/ HEPATITIS, diagnosis/ HEPATITIS, HOMOLOGOUS SERUM, diagnosis/ *HEPATOMA, diagnosis/ HUMAN/ IMMUNOELECTROPHORESIS/ INFANT, NEWBORN/ JAUNDICE, OBSTRUCTIVE, diagnosis/ LIVER CIRRHOSIS, diagnosis/ *LIVER NEOPLASMS, diagnosis/ MALE/ PREGNANCY/ RABBITS, immunology/ SERODIAGNOSIS

5412. **Müller HE:** Der immunelektrophortische Nachweis von Neuraminidase und Diphthin bei der Diagnose von Corynebacterium diphtheriae.
Zentralbl Bakteriol [Orig A] 221:550-4, Sep 72 (Ger)
*CORYNEBACTERIUM DIPHTHERIAE/ CORYNEBACTERIUM DIPHTHERIAE, analysis/ CORYNEBACTERIUM INFECTIONS, diagnosis/ ENGLISH ABSTRACT/ ENZYME TESTS/ IGG/ IMMUNOELECTROPHORESIS/ METHODS/ *NEURAMINIDASE, analysis/ *PEPTIDE PEPTIDOHYDROLASES, analysis

5413. **Müller HE:** Die Anwendung der Immunelektrophorese zum Nachweis bakterieller Proteasen.
Zentralbl Bakteriol [Orig A] 220:466-8, May 72 (Ger)
BACTERIAL INFECTIONS, blood/ *BACTERIAL INFECTIONS, enzymology/ BACTERIAL INFECTIONS, immunology/ BLOOD PROTEIN ELECTROPHORESIS/ HEMOPEXIN/ IGG/ IMMUNOELECTROPHORESIS/ *NEURAMINIDASE, isolation & purification/ PEPTIDE HYDROLASES, isolation & purification/ TRANSFERRIN

5414. **Müller HE, Marklein G:** Untersuchungen zur proteolytischen Enzymaktivität bei Bacillus anthracis und Bacillus cereus.
Pathol Microbiol (Basel) 39:364-72, 1973 (Ger)
ANIMAL EXPERIMENTS/ *BACILLUS ANTHRACIS, enzymology/ BACILLUS ANTHRACIS, metabolism/ BACILLUS ANTHRACIS, pathogenicity/ *BACILLUS CEREUS, enzymology/ BACILLUS CEREUS, metabolism/ BACILLUS CEREUS, pathogenicity/ *BLOOD PROTEINS, metabolism/ ENGLISH ABSTRACT/ FIBRINOGEN, metabolism/ GLYCOPROTEINS, metabolism/ HAPTOGLOBINS, metabolism/ HEMOPEXIN, metabolism/ IGA, metabolism/ IMMUNOELECTROPHORESIS/ LIPOPROTEINS, metabolism/ MICE/ *PEPTIDE HYDROLASES, metabolism/ SPECIES SPECIFICITY/ TRANSFERRIN, metabolism/ VIRULENCE

5415. **Müller HE, Sethi KK:** Proteolytic activity of Cryptococcus neoformans against human plasma proteins.
Med Microbiol Immunol (Berl) 158:129-34, 1972
*BLOOD PROTEINS, metabolism/ CATTLE/ *CRYPTOCOCCOSIS, enzymology/ CRYPTOCOCCOSIS, metabolism/ *CRYPTOCOCCUS, enzymology/ CRYPTOCOCCUS NEOFORMANS, enzymology/ FIBRINOGEN, metabolism/ GLYCOPROTEINS, metabolism/ HUMAN/ IMMUNOELECTROPHORESIS/ PEPTIDE HYDROLASES, metabolism

5416. **Müller HR:** Pathogenese und KLinik der episodischen zerebralen Zirkulationsstörungen (Transient Ischemic Attacks. Praxis 62:119-25, 30 Jan 73 (Ger)
AGED/ ANTICOAGULANTS, therapeutic use/ BRAIN, blood supply/ CEREBRAL EMBOLISM AND THROMBOSIS, complications/ *CEREBRAL ISCHEMIA, TRANSIENT/ CEREBRAL ISCHEMIA, TRANSIENT, diagnosis/ CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ CEREBRAL ISCHEMIA, TRANSIENT, etiology/ CEREBRAL ISCHEMIA, TRANSIENT, surgery/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE

5417. **Müller J:** Regulation of aldosterone biosynthesis.
Monogr Endocrinol 5:1-137, 1971
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADRENAL CORTEX HORMONES, pharmacodynamics/ *ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, metabolism/ *ALDOSTERONE, biosynthesis/ AMINOGLUTETHIMIDE, pharmacodynamics/ ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ CATIONS, DIVALENT/ CATIONS, MONOVALENT/ CENTRAL NERVOUS SYSTEM, injuries/ CORTICOTROPIN, pharmacodynamics/ HEPARIN, pharmacodynamics/ HUMAN/ HYPERTENSION, RENAL, metabolism/ HYPOPHYSECTOMY/ HYPOPITUITARISM/ METYRAPONE, pharmacodynamics/ NADP, pharmacodynamics/ NEPHRECTOMY/ OUABAIN, pharmacodynamics/ POTASSIUM, metabolism/ PROGESTATIONAL HORMONES, pharmacodynamics/ SEROTONIN, pharmacodynamics/ SODIUM, metabolism

5418. **Muller JM, Guignier M, Donzel JP, et al:** Echec de la ventilation assistée chez une polytraumatisée ayant une contusion pulmonaire.
Anesth Analg (Paris) 29:713-30, Sep-Oct 72 (Fre)
ADULT/ AUTOPSY/ *CONTUSIONS/ FEMALE/ HEMATOMA, pathology/ HEMORRHAGE, pathology/ HUMAN/ *LUNG, injuries/ LUNG, radiography/ LUNG DISEASES, pathology/ PULMONARY ALVEOLI, pathology/ *RESPIRATION, ARTIFICIAL/ RIB FRACTURES, complications/ *THORACIC INJURIES, complications

5419. **Muller JM, Guignier M, Debru JL, et al:** Application de la circulation croisée au traitement de l'insuffisance hépatique aiguë (I.H.A) d'origine virale.
Sem Hop Paris 48:2963-9, 8 Nov 72 (Fre)
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ BABOONS/ BILIRUBIN, blood/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS/ BLOOD GROUPS/ ENGLISH ABSTRACT/ HEPATITIS, INFECTIOUS, complications/ *HEPATITIS, INFECTIOUS, complications/ HUMAN/ MONKEYS/ NEUROLOGIC MANIFESTATIONS/ *PARABIOSIS

5420. **Müller M:** Biochemical cytology of trichomonad flagellates. I. Subcellular localization of hydrolases, dehydrogenases, and catalase in Tritrichomonas foetus. J Cell Biol 57:453-74, May 73
ACID PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ *CATALASE, analysis/ CELL FRACTIONATION/ CENTRIFUGATION, DENSITY GRADIENT/ CYTOPLASMIC GRANULES, enzymology/ FREEZING/ GALACTOSAMINIDASE, analysis/ GALACTOSIDASE, analysis/ GERM-FREE LIFE/ GLUCOSAMINIDASE, analysis/ GLUCURONIDASE, analysis/

GLYCEROLPHOSPHATE DEHYDROGENASE, analysis/ GOLGI APPARATUS, enzymology/ HISTOCYTOCHEMISTRY/ *HYDROLASES, analysis/ MALATE DEHYDROGENASE, analysis/ MICROSCOPY, ELECTRON/ NAD/ NADP/ *OXIDOREDUCTASES, analysis/ PEPTIDE HYDROLASES, analysis/ SUBCELLULAR FRACTIONS, enzymology/ TRITRICHOMONAS, cytology/ *TRITRICHOMONAS, enzymology

5421. **Muller PH, Ky PT, Lenoir L, et al:** Valeur et limites de méthodes actuelles d'identification médico-légale des teaches de sang.
Med Leg Domm Corpor (Paris) 5:3-35, Jan-Mar 72 (268 ref.) (Fre)
ACID PHOSPHATASE, blood/ AMINOHYDROLASES, blood/ BLOOD PROTEIN ELECTROPHORESIS/ *BLOOD STAINS/ CHROMATOGRAPHY/ ERYTHROCYTES, enzymology/ EXPERT TESTIMONY/ GEL DIFFUSION TESTS/ HEMAGGLUTINATION TESTS/ HEMOGLOBIN, analysis/ HUMAN/ IMMUNE SERUMS/ *ISOANTIGENS, analysis/ METHODS/ PHENOTYPE/ PHOSPHOGLUCOMUTASE, blood/ PHOSPHOTRANSFERASES, blood/ PROTEIN BINDING/ PROTEIN DENATURATION/ REVIEW/ SPECIES SPECIFICITY/ STREPTOKINASE/ THYROXINE

5422. **Müller U, Morell A, Hoigné R:** IgE in allergic drug reactions.
Int Arch Allergy Appl Immunol 44:867-78, 1973
AGRANULOCYTOSIS, immunology/ AMPICILLIN/ ANAPHYLAXIS, immunology/ ANTIBIOTICS/ ANTIGENS/ AUTORADIOGRAPHY/ *DERMATITIS MEDICAMENTOSA/ *DRUG HYPERSENSITIVITY, immunology/ GEL DIFFUSION TESTS/ HUMAN/ *IGE, analysis/ IMMUNE SERUMS/ IODINE ISOTOPES/ PENICILLIN/ PYRAZOLES/ SALICYLATES/ SKIN DISEASES, immunology/ SULFONAMIDES/ SWINE, immunology/ THROMBOPENIA, immunology/ URTICARIA, immunology

5423. **Müller W, Wurm K, Stojan B, et al:** Die Bestimmung der Kollagenpeptidase-Aktivität als Parameter des Therapieeffektes bei der Sarkoidose.
Dtsch Med Wochenschr 98:1253-5, 22 Jun 73 (Ger)
ACID PHOSPHATASE, blood/ ACID PHOSPHATASE, metabolism/ COLLAGEN/ ENGLISH ABSTRACT/ ENZYME TESTS/ EVALUATION STUDIES/ FOLLOW-UP STUDIES/ HUMAN/ LACTATE DEHYDROGENASE, blood/ LACTATE DEHYDROGENASE, metabolism/ PEPTIDE HYDROLASES, blood/ *PEPTIDE HYDROLASES, metabolism/ SARCOIDOSIS, blood/ *SARCOIDOSIS, drug therapy/ SARCOIDOSIS, enzymology/ TRIAMCINOLONE ACETONIDE, administration & dosage/ TRIAMCINOLONE ACETONIDE, therapeutic use

5424. **Müller-Berghaus G, Heinrich D:** Fibrin monomer and platelet aggregation in vitro and in vivo.
Br J Haematol 23:177-88, Aug 72
ADENOSINE DIPHOSPHATE/ ALCOHOL, ETHYL, pharmacodynamics/ AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ CATTLE/ COLLAGEN/ *FIBRIN, physiology/ FIBRINOGEN, physiology/ HEPARIN, pharmacodynamics/ HUMAN/ IN VITRO/ *PLATELET ADHESIVENESS/ PLATELET ADHESIVENESS, drug effects/ RABBITS/ SPECTRUM ANALYSIS

5425. **Müller-Berghaus G, Hocke M, Lasch HG:** Erzeugung von Mikrogerinnseln durch Infusion von Arwin beim Kaninchen.
Verh Dtsch Ges Inn Med 78:1614-6, 1972 (Ger)
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *ENZYMES/ FIBRIN/ *HEMOLYSINS/ RABBITS/ SNAKES/ *THROMBOSIS, chemically induced/ *VENOMS

5426. **Müller-Berghaus G, Maul FD, Lasch HG:** Prevention of the liquoid-induced consumption coagulopathy by the protease inhibitor aprotinin.
Thromb Diath Haemorrh 27:396-406, 31 Jul 72
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD PLATELETS/ DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ *DISSEMINATED INTRAVASCULAR COAGULATION, prevention & control/ *FACTOR XII, antagonists & inhibitors/ FEMALE/ FIBRINOGEN, analysis/ HEMATOCRIT/ HEMORRHAGE, drug therapy/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ LUNG/ MALE/ RABBITS/ *SHWARTZMAN PHENOMENON, prevention & control/ SULFONIC ACIDS/ SURFACE-ACTIVE AGENTS

5427. **Müller-Berghaus G, Obst R:** Induction of the generalized Shwartzman reaction in pregnant and nonpregnant rats by colchicine.
Am J Pathol 69:131-8, Oct 72
AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ *COLCHICINE/ DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ ENDOTOXINS, pharmacodynamics/ ESCHERICHIA COLI/ FEMALE/ FIBRINOLYSIS, drug effects/ HYSTERECTOMY/ PREGNANCY/ RATS/ *SHWARTZMAN PHENOMENON, chemically induced/ TIME FACTORS/ UTERUS, physiology

5428. **Müller-Berghaus G, Róka L, Lasch HG:** Fibrinmonomere und das Sanarelli-Shwartzman-Phänomen.
Verh Dtsch Ges Inn Med 77:161-4, 1971 (Ger)
ANIMAL EXPERIMENTS/ DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ *FIBRIN/ FIBRIN, isolation & purification/ METHODS/ RABBITS/ *SHWARTZMAN PHENOMENON, chemically induced

5429. **Müller-Berghaus G, Schmidt-Ehry B:** The role of pregnancy in the induction of the generalized Shwartzman reaction.
Am J Obstet Gynecol 114:847-9, 1 Dec 72
ANIMAL EXPERIMENTS/ CAPILLARIES/ DELIVERY/ ENDOTOXINS/ ENDOTOXINS, administration & dosage/ ESCHERICHIA COLI/ FEMALE/ FETUS, immunology/ GESTATIONAL AGE/ HYSTERECTOMY/ KIDNEY GLOMERULUS, blood supply/ PLACENTA, immunology/ *PREGNANCY/ RATS/ SHWARTZMAN PHENOMENON, chemically induced/ *SHWARTZMAN PHENOMENON, immunology/ THROMBOSIS, chemically induced/ TIME FACTORS/ UTERUS, immunology

5430. **Müller-Stamou A, Senn HJ, Emödy G:** Thrombocytopenic purpura in cytomegalovirus mononucleosis. Lancet 2:497-8, 1 Sep 73
*CYTOMEGALOVIRUSES, isolation & purification/ HODGKIN'S DISEASE, complications/ HUMAN/ *INFECTIOUS MONONUCLEOSIS, complications/ LEUKEMIA, LYMPHOCYTIC, complications/ MALE/ MIDDLE AGE/ *PURPURA, THROMBOPENIC, etiology

5431. **Müller-Stamou A, Senn HJ, Emödy G:** Die Bedeutung der Zytomegaliekrankheit bei erwachsenen internmedizinischen Patienten.
Schweiz Med Wochenschr 103:985-91, 14 Jul 72 (Ger)
ADULT/ AGED/ ANTIBODIES/ COMPLEMENT FIXATION TESTS/ CYTOMEGALIC INCLUSION DISEASE, etiology/ *CYTOMEGALIC INCLUSION DISEASE, immunology/ ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGIC DIATHESIS, complications/ HEPATITIS, complications/ HUMAN/ JAUNDICE, OBSTRUCTIVE, complications/ MALE/ MIDDLE AGE/ PARALYTIC ILEUS,

complications/ SPLENOMEGALY, complications/ THROMBOPENIA, complications

5432. **Müller-Wiefel H:** Vorgehen beim akuten Ghedmassen-Arterienverschluss.
Z Allgemeinmed 49:210-5, 20 Feb 73 (Ger)
ACUTE DISEASE/ ANTICOAGULANTS, therapeutic use/ *ARTERIAL OCCLUSIVE DISEASES/ ARTERIAL OCCLUSIVE DISEASES, diagnosis/ ARTERIAL OCCLUSIVE DISEASES, drug therapy/ DEXTRAN, therapeutic use/ DIGITALIS GLYCOSIDES, therapeutic use/ *EXTREMITIES, blood supply/ HUMAN

5433. **Müller-Wiefel H, Jipp P, Borm D, et al:** Uber den Wert der Langzeitanticoagulation nach rekonstruktiven Gefässoperation im Becken-Beinarterienbereich.
Verh Dtsch Ges Inn Med 78:636-8, 1972 (Ger)
*ANTICOAGULANTS, therapeutic use/ *ARTERIAL OCCLUSIVE DISEASES, drug therapy/ ARTERIAL OCCLUSIVE DISEASES, surgery/ FEMORAL ARTERY/ HUMAN/ ILIAC ARTERY/ POPLITEAL ARTERY/ POSTOPERATIVE CARE/ TIME FACTORS

5434. **Müllertz S:** Molecular forms of plasmin and protease inhibitors in human fibrinolytic post-mortem plasma.
Scand J Clin Lab Invest 30:369-79, Dec 72
ALPHA GLOBULIN, analysis/ *BLOOD/ BLOOD PROTEIN ELECTROPHORESIS/ ENZYMES, blood/ *FIBRINOLYSIN, analysis/ FIBRINOLYSIS/ GEL FILTRATION/ HUMAN/ IMMUNOELECTROPHORESIS/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PLASMINOGEN, analysis/ POSTMORTEM CHANGES/ TRYPSIN INHIBITORS

5435. **Mullins LJ, De Weer P:** Changes in sodium transport induced by the injection of proteases into squid axons. Nature [New Biol] 243:222-3, 13 Jun 73
ANIMAL EXPERIMENTS/ *AXONS, metabolism/ BIOLOGICAL TRANSPORT, drug effects/ CHYMOTRYPSIN, pharmacodynamics/ *SODIUM, metabolism/ SODIUM ISOTOPES/ SQUID/ *TRYPSIN, pharmacodynamics

5436. **Münch J:** Gutartige Blutgefässgeschwülste im Mund- und Kieferbereich.
Zahnaerztl Prax 24:117, 2 Mar 73 (Ger)
HEMANGIOMA/ JAW NEOPLASMS/ LYMPHANGIOMA/ MOUTH NEOPLASMS/ SPECIAL LIST DENTAL

5437. **Mungas J, Lebowitz JM, Sylora H:** A method for removing blood clots from the upper urinary tract.
J Urol 108:948-50, Dec 72
ADULT/ *ANTICOAGULANTS, adverse effects/ EMBOLISM, therapy/ *HEMATURIA, complications/ HUMAN/ *KIDNEY DISEASES, etiology/ KIDNEY DISEASES, therapy/ MALE/ *THROMBOPHLEBITIS, drug therapy/ THROMBOSIS, therapy/ URINARY CATHETERIZATION

5438. **Münker G:** Beitrag zur Instillationsbehandlung von eitrigen Kieferhöhlenentzündungen.
HNO 20:346-8, Nov 72 (Ger)
CELLULOSE/ DOSAGE FORMS/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ *FRAMYCETIN, administration & dosage/ HUMAN/ *MAXILLARY SINUS/ METHODS/ RETROSPECTIVE STUDIES/ *SINUSITIS, drug therapy/ *TRYPSIN, administration & dosage/ VEHICLES

5439. **Muntz RH, Erert H:** Antibodies to factor VIII.
Lancet 2:160, 21 Jul 73
ANIMAL EXPERIMENTS/ *ANTIBODIES/ *FACTOR VIII/ HEMOPHILIA, immunology/ HUMAN/ IMMUNE SERUMS/ RABBITS/ VON WILLEBRAND'S DISEASE, immunology

5440. **Murakami F, Miyamoto T, Sugimoto T, et al:** [Hemorrhagic diathesis with increased fibrinolytic enzyme activities in the field of surgery]
Jap J Clin Hematol 13:187-94, Apr 72 (Jap)
DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ *EXTRACORPOREAL CIRCULATION, adverse effects/ FACTOR V, analysis/ FIBRINOGEN, analysis/ FIBRINOLYSIN, antagonists & inhibitors/ *FIBRINOLYTIC AGENTS, blood/ HEMORRHAGIC DIATHESIS, enzymology/ *HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ *WOUNDS AND INJURIES, complications

5441. **Murakami K, Turner MD:** Quantitative agar gel electrophoresis of human gastric proteinase proenzymes. Anal Biochem 50:409-15, Dec 72
ELECTROPHORESIS/ *GASTRIC MUCOSA, enzymology/ HEMOGLOBIN/ HUMAN/ IODIDES/ IODINE ISOTOPES/ ISOTOPE LABELING/ METHODS/ PEPSIN, analysis/ *PEPTIDE HYDROLASES, analysis

5442. **Murakami M, Abe T:** [Hemorrhage and thrombosis. Discussion] Jap J Clin Med 31:844-53, Apr 73 (Jap)
BLOOD PLATELET DISORDERS/ FIBRINOLYSIS/ *HEMORRHAGE/ HUMAN/ *THROMBOSIS

5443. **Murakami M, Odake K, Matsuda T, et al:** Bleeding tendency with platelet dysfunction and albinism. A case report.
Thromb Diath Haemorrh 27:461-71, 31 Jul 72
ADENOSINE DIPHOSPHATE, metabolism/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, metabolism/ *ALBINISM, complications/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ *BLOOD PLATELET DISORDERS, complications/ BLOOD PLATELET DISORDERS, diagnosis/ BLOOD PLATELET DISORDERS, familial & genetic/ BLOOD PLATELETS, metabolism/ CHILD/ CLOT RETRACTION/ COLLAGEN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ *HEMORRHAGE, complications/ HUMAN/ INOSINE NUCLEOTIDES, metabolism/ MALE/ PEDIGREE/ PLATELET ADHESIVENESS, drug effects/ PROTHROMBIN TIME

5444. **Murakami M, Yoshino K, Takase M, et al:** Adenine nucleotide metabolism of human platelets during collagen-induced aggregation.
Thromb Diath Haemorrh 27:416-24, 31 Jul 72
ADENOSINE DIPHOSPHATE, blood/ *ADENOSINE DIPHOSPHATE, metabolism/ ADENOSINE MONOPHOSPHATE, blood/ ADENOSINE TRIPHOSPHATE, blood/ *ADENOSINE TRIPHOSPHATE, metabolism/ BLOOD PLATELETS, analysis/ CARBON ISOTOPES/ *COLLAGEN/ HUMAN/ INOSINE, blood/ INOSINE NUCLEOTIDES, blood/ *PLATELET ADHESIVENESS

5445. **Muramatu M, Shiraishi S, Fujii S:** Inhibitory effects of omega-amino and omego-guanidino acid esters on the first component of human complement.
Biochim Biophys Acta 285:224-34, 28 Nov 72
*AMINO ACIDS/ BINDING SITES/ CAPROATES/ CHYMOTRYPSIN, antagonists & inhibitors/ *COMPLEMENT, antagonists & inhibitors/ DIALYSIS/ ENZYME ACTIVATION/ *ESTERASES, antagonists & inhibitors/ ESTERS/ *GUANIDINES/ GUINEA PIGS/ HEMOLYSIS/ HUMAN/ METHYLAMINES/ PHENOLS/ RABBITS, immunology/ SHEEP, immunology/ STRUCTURE-ACTIVITY RELATIONSHIP

5446. **Muraoka S, Okada M:** Reduction and oxidation of longer-wavelength cytochrome b (b 566) in rat liver mitochondria under the influence of external oxidants. Biochim Biophys Acta 283:36-41, 1972
ANIMAL EXPERIMENTS/ ANTIMYCIN A, pharmacodynamics/ CYTOCHROME C, metabolism/ *CYTOCHROMES, metabolism/ FERRICYANIDES, pharmacodynamics/ KINETICS/ MITOCHONDRIA, LIVER, drug effects/ *MITOCHONDRIA, LIVER, metabolism/ OXIDATION-REDUCTION/ PENTACHLOROPHENOL, pharmacodynamics/

RATS/ SPECTROPHOTOMETRY/ VITAMIN K, pharmacodynamics

5447. **Murase H, Ijiri H, Shimamoto T, et al:** Acid mucopolysaccharides as cofactor in formation of platelet-clumping substance. Blood 37:684-91, Jun 71
*BLOOD PLATELETS, drug effects/ CALCIUM CHLORIDE, pharmacodynamics/ CHONDROITIN, pharmacodynamics/ CITRATES/ EDTA/ HEAT/ HEPARIN, pharmacodynamics/ HEPARITIN SULFATE, pharmacodynamics/ HUMAN/ HYALURONIC ACID, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ *MUCOPOLYSACCHARIDES, pharmacodynamics/ *PLATELET ADHESIVENESS, drug effects

5448. **Murashevskii BN:** Obshirnaia zabriushinnaia gematoma perednei briushnoi stenki.
Klin Khir 5:47-8, May 73 (Rus)
*ABDOMINAL WALL/ AGED/ CASE REPORT/ *HEMATOMA, diagnosis/ HUMAN/ MALE/ *RETROPERITONEAL SPACE

5449. **Murata F, Hardin JH, Spicer SS:** Coexistence of acid phosphatase and acid mucosubstance in the nucleoid of human blood platelet granules.
Histochemie 35:319-29, 29 Jun 73
*ACID PHOSPHATASE, blood/ BLOOD PLATELETS, cytology/ *BLOOD PLATELETS, enzymology/ HISTOCYTOCHEMISTRY/ HUMAN/ LYSOSOMES, enzymology/ MICROSCOPY, ELECTRON

5450. **Murchland JB:** The management of giant retinal tears.
Trans Aust Coll Ophthalmol 3:154-8, 1971
ADHESIONS, surgery/ ADOLESCENCE/ ADULT/ CATARACT EXTRACTION/ CHILD/ CRYOGENIC SURGERY/ ELECTROCOAGULATION/ EYE DISEASES, surgery/ GLAUCOMA, etiology/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ *PROSTHESIS/ RETINA, injuries/ RETINAL DEGENERATION, complications/ RETINAL DETACHMENT, congenital/ RETINAL DETACHMENT, etiology/ *RETINAL DETACHMENT, surgery/ *SCLERA, surgery/ SILICONES/ VISUAL ACUITY/ VITREOUS BODY, surgery

5451. **Murphy DL, Donnelly C, Moskowitz J:** Inhibition by lithium of prostaglandin E1 and norepinephrine effects on cyclic adenosine monophosphate production in human platelets.
Clin Pharmacol Ther 14:810-4, Sep-Oct 73
ADENINE, metabolism/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, antagonists & inhibitors/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, biosynthesis/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ DEPRESSION, CHEMICAL/ DOPAMINE, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HUMAN/ IN VITRO/ *LITHIUM, pharmacodynamics/ *NOREPINEPHRINE, antagonists & inhibitors/ *PROSTAGLANDINS, antagonists & inhibitors/ TRITIUM

5452. **Murphy DL, Mendell JR, Engel WK:** Serotonin and platelet function in Duchenne muscular dystrophy.
Arch Neurol 28:239-42, Apr 73
BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, metabolism/ BLOOD PROTEINS, metabolism/ CARBON ISOTOPES/ CHILD/ CHILD, PRESCHOOL/ HUMAN/ MALE/ MONOAMINE OXIDASE, metabolism/ MUSCULAR DYSTROPHY, enzymology/ MUSCULAR DYSTROPHY, familial & genetic/ *MUSCULAR DYSTROPHY, metabolism/ NEUROMUSCULAR DISEASES, metabolism/ SEROTONIN, blood/ *SEROTONIN, metabolism

5453. **Murphy E, Callaghan TE:** Dental "bleeding time".
J Ir Dent Assoc 19:103-7, May-Jun 73
BLOOD COAGULATION TESTS/ HEMORRHAGE, ORAL/ SPECIAL LIST DENTAL/ TOOTH EXTRACTION

5454. **Murphy EA, Francis ME, Mustard JF:** The estimation of blood platelet survival. IV. Characteristics of the residual errors from regression.
Thromb Diath Haemorrh 28:447-56, 31 Dec 72
ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, radiation effects/ CELL SURVIVAL/ DOGS/ *PHOSPHORUS ISOTOPES/ QUALITY CONTROL/ *RADIATION EFFECTS/ RADIOMETRY/ SCINTILLATION COUNTERS

5455. **Murphy EA, Rowsell HC, Mustard JF:** The effects of sitosterol on serum cholesterol, platelet economy, thrombogenesis and atherosclerosis in the rabbit.
Atherosclerosis 17:257-68, Mar-Apr 73
ANIMAL EXPERIMENTS/ AORTA, pathology/ AORTIC DISEASES, chemically induced/ *ARTERIOSCLEROSIS, chemically induced/ *BLOOD PLATELETS, drug effects/ CHOLESTEROL/ *CHOLESTEROL, blood/ CORONARY DISEASE, chemically induced/ DIET, ATHEROGENIC/ DRUG INTERACTIONS/ MARGARINE/ *PHYTOSTEROLS/ RABBITS/ SITOSTEROLS/ *THROMBOSIS, chemically induced

5456. **Murphy JR:** Influence of temperature and method of centrifugation on the separation of erythrocytes.
J Lab Clin Med 82:334-41, Aug 73
ANEMIA, HEMOLYTIC, blood/ ANEMIA, HYPOCHROMIC, blood/ BLOOD VISCOSITY/ CENTRIFUGATION/ *ERYTHROCYTES/ FILTRATION/ HEMOGLOBIN, analysis/ HUMAN/ MALE/ METHODS/ SPHEROCYTOSIS, HEREDITARY, blood/ *TEMPERATURE/ TIME FACTORS

5457. **Murphy MJ Jr:** The shape of blood platelets. An application of lyophilisation and scanning electron microscopy.
Thromb Diath Haemorrh 28:237-43, 31 Oct 72
*BLOOD PLATELETS, cytology/ FREEZE DRYING/ HISTOLOGICAL TECHNICS/ HUMAN/ MICROSCOPY, ELECTRON, SCANNING

5458. **Murphy S:** Intrinsic platelet defects in hereditary thrombocytopenia.
Ann NY Acad Sci 201:421-8, 27 Oct 72
ALDRICH SYNDROME, blood/ ANTIBODIES, analysis/ *BLOOD PLATELETS/ BLOOD PLATELETS, cytology/ CELL SURVIVAL/ CHROMIUM ISOTOPES/ COOMBS' TEST/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ PLATELET ADHESIVENESS/ *THROMBOPENIA, blood/ THROMBOPENIA, diagnosis/ THROMBOPENIA, familial & genetic

5459. **Murphy WH, Bullis C:** A simple method for the growth of mouse neuron monolayer cultures.
Proc Soc Exp Biol Med 142:1-6, Jan 73
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ AGE FACTORS/ ANIMAL EXPERIMENTS/ AXONS/ BRAIN, cytology/ CELL DIVISION/ CELL NUCLEUS/ CELLS, CULTURED/ *CULTURE MEDIA/ DENDRITES/ GLUCOSE/ MICE/ MICE, INBRED AKR/ MICE, INBRED C57BL/ MICE, INBRED STRAINS/ MICROSCOPY, PHASE CONTRAST/ NERVE GROWTH FACTOR/ *NEURONS, cytology/ SPINAL CORD, cytology/ SURFACE-ACTIVE AGENTS/ TEMPERATURE/ TRYPSIN

5460. **Murray AW, Froscio M, Kemp BE:** Histone phosphatase and cyclic nucleotide-stimulated protein kinase from human lymphocytes. Biochem J 129:995-1002, Oct 72
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ BLOOD PLATELETS/ CALCIUM CHLORIDE, pharmacodynamics/ CELL-FREE SYSTEM/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY/ DIALYSIS/ HISTONES/ HUMAN/ *LYMPHOCYTES, enzymology/ MAGNESIUM, pharmacodynamics/ PHOSPHATASES, analysis/ PHOSPHATASES, antagonists & inhibitors/ *PHOSPHATASES, isolation & purification/ PHOSPHOENOLPYRUVATE,

pharmacodynamics/ PHOSPHORUS ISOTOPES/ *PHOSPHOTRANSFERASES, isolation & purification/ POTASSIUM, pharmacodynamics/ PROTEIN KINASE, isolation & purification/ SODIUM, pharmacodynamics/ SOLUBILITY

5461. **Murray CA, Edwards JE:** Spontaneous laceration of ascending aorta. Circulation 47:848-58, Apr 73
ADOLESCENCE/ ADULT/ AGED/ *AORTA, THORACIC, pathology/ AORTIC ANEURYSM, etiology/ AORTIC ARCH SYNDROMES, etiology/ AORTIC ARCH SYNDROMES, pathology/ AORTIC DISEASES, complications/ AORTIC DISEASES, etiology/ *AORTIC DISEASES, pathology/ AORTIC RUPTURE, etiology/ AORTIC VALVE STENOSIS, complications/ ARACHNODACTYLY, complications/ AUTOPSY/ CAROTID ARTERY, INTERNAL, pathology/ FEMALE/ HEMATOMA, etiology/ HEMATOMA, pathology/ HEMORRHAGE, etiology/ HUMAN/ HYPERTENSION, complications/ MALE/ MIDDLE AGE/ PERICARDIAL EFFUSION, etiology/ RENAL ARTERY, pathology

5462. **Murray-Lyon IM, Davidson AR, Rake MO, et al:** Hepatic scintiscanning in fulminant hepatic failure.
Br J Radiol 46:30-3, Jan 73
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ CHILD/ FEMALE/ HEPATIC COMA, diagnosis/ HEPATITIS, diagnosis/ HEPATITIS, INFECTIOUS, complications/ HEPATITIS, TOXIC, complications/ HUMAN/ KUPFFER CELLS/ LIVER, pathology/ *LIVER DISEASES, diagnosis/ LIVER DISEASES, etiology/ LIVER DISEASES, mortality/ LIVER FUNCTION TESTS/ MALE/ MIDDLE AGE/ PROGNOSIS/ PROTHROMBIN TIME/ *RADIOISOTOPE SCANNING/ TECHNETIUM, diagnostic use

5463. **Mustard JF, Kinlough-Rathbone RL, Jenkins CS, et al:** Modification of platelet function.
Ann NY Acad Sci 201:343-59, 27 Oct 72
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, biosynthesis/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY COMPLEX/ ANTIHISTAMINICS, pharmacodynamics/ ASPIRIN, pharmacodynamics/ BLOOD COAGULATION/ BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, physiology/ CALCIUM, pharmacodynamics/ CELL MOVEMENT, drug effects/ DIPYRIDAMOLE, pharmacodynamics/ ENERGY TRANSFER/ FIBRINOGEN/ HUMAN/ PLATELET ADHESIVENESS/ PROSTAGLANDINS, pharmacodynamics/ RABBITS/ THROMBOSIS, prevention & control/ XANTHINES, pharmacodynamics

5464. **Muszyńska B, Donat-Jasiak T, Zgoralewicz B:** Okresowe krwawienia z nosa u 6-letniego dziecka z zespołem Sturge-Webera.
Otolaryngol Pol 26:341-3, 1972 (Pol)
ANGIOMATOSIS, complications/ CHILD/ *EPISTAXIS, etiology/ HUMAN/ MALE/ PERIODICITY

5465. **Muszyński Z:** Enzymatic and toxinogenic activity of culture filtrates of high and low virulent strains of Pseudomonas aeruginosa on mice.
Pathol Microbiol (Basel) 39:135-47, 1973
ACID PHOSPHATASE, metabolism/ ALKALINE PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ COAGULASE, metabolism/ CULTURE MEDIA/ DEOXYRIBONUCLEASE, metabolism/ FIBRINOLYSIN, metabolism/ GEL FILTRATION/ GELATIN/ HEMOLYSINS, metabolism/ LIPASE, metabolism/ MALE/ MICE/ PEPTIDE HYDROLASES, biosynthesis/ *PEPTIDE HYDROLASES, metabolism/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ PHOSPHOLIPASE, metabolism/ PSEUDOMONAS AERUGINOSA, enzymology/ PSEUDOMONAS AERUGINOSA, growth & development/ *PSEUDOMONAS AERUGINOSA, pathogenicity/ SPECTROPHOTOMETRY/ *VIRULENCE

5466. **Muthe AV, Desai CS, Kale NR:** Studies on the dissociation of tissue factor (tissue thromboplastin) on treatment with butan-1-ol.
Biochem J 128:47P, Jun 72
ANIMAL EXPERIMENTS/ BRAIN, drug effects/ *BRAIN, metabolism/ CATTLE/ GLYCOLS, pharmacodynamics/ LUNG, drug effects/ *LUNG, metabolism/ *THROMBOPLASTIN, metabolism

5467. **Muthukrishnan S, Malathi K, Padmanaban G:** Delta-aminolaevulinate dehydratase, the regulatory enzyme of the haem-biosynthetic pathway in Neurospora crassa. Biochem J 129:31-7, Aug 72
ADENOSINE DIPHOSPHATE/ ADENOSINE MONOPHOSPHATE/ ADENOSINE TRIPHOSPHATE/ AMINOLEVULINIC ACID DEHYDRATASE, metabolism/ CELLULOSE/ ENZYME INDUCTION/ FEEDBACK/ *HEME, biosynthesis/ HYDROGEN-ION CONCENTRATION/ *HYDRO-LYASES, metabolism/ IRON/ LEVULINIC ACID/ *NEUROSPORA, enzymology/ NEUROSPORA CRASSA, enzymology/ PORPHYRINS/ SUCCINATES/ TRYPSIN

5468. **Muzaffar TZ, Stalker AL, Bryce WA, et al:** Structural alterations in fibrin clots with dextran.
Thromb Diath Haemorrh 28:257-67, 31 Oct 72
*BLOOD COAGULATION, drug effects/ CLOT RETRACTION/ DENSITOMETRY/ *DEXTRAN, pharmacodynamics/ *FIBRIN, analysis/ FIBRINOGEN/ HUMAN/ MICROSCOPY, ELECTRON/ MOLECULAR WEIGHT/ THROMBIN

5469. **Muzaffar TZ, Youngson GG, Bryce WA, et al:** Studies on fibrin formation and effects of dextran.
Thromb Diath Haemorrh 28:244-56, 31 Oct 72
BLOOD COAGULATION/ *BLOOD COAGULATION, drug effects/ CLOT RETRACTION/ DENSITOMETRY/ *DEXTRAN, pharmacodynamics/ *FIBRIN, biosynthesis/ FIBRINOGEN/ HUMAN/ HYDROLYSIS/ MOLECULAR WEIGHT/ POLYMERS/ THROMBIN/ ULTRACENTRIFUGATION

5470. **Mydlil V:** Vymezení pojmu rizikového novorozence.
Cesk Pediatr 28:3-4, Jan 73 (Cze)
ASPHYXIA NEONATORUM, prevention & control/ BIRTH WEIGHT/ CZECHOSLOVAKIA/ FEMALE/ HEMORRHAGIC DISEASE OF NEWBORN, prevention & control/ HUMAN/ INFANT MORTALITY/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ *INFANT, PREMATURE/ LABOR, PREMATURE/ PREGNANCY/ PREGNANCY COMPLICATIONS/ PRENATAL CARE

5471. **Myerowitz RL, Chrambach A, Rodbard D, et al:** Isolation and characterization of mouse serum alpha 1-antitrypsins. Anal Biochem 48:394-409, Aug 72
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHEMISTRY, PHYSICAL/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS, DISK/ GEL DIFFUSION TESTS/ GOATS, immunology/ HUMAN/ *IMMUNE SERUMS, isolation & purification/ IMMUNOCHEMISTRY/ IMMUNOELECTROPHORESIS/ IMMUNOLOGY/ ISOELECTRIC FOCUSING/ MICE/ MICE, immunology/ MOLECULAR WEIGHT/ SERUM ALBUMIN/ *TRYPSIN INHIBITORS, isolation & purification/ TRYPSIN INHIBITORS, pharmacodynamics/ ULTRACENTRIFUGATION

5472. **Myers LJ, Pierce KR, Gowing GM, et al:** Hemorrhagic diathesis resembling pseudohemophilia in a dog.
J Am Vet Med Assoc 161:1028-9, 1 Nov 72
ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS/ *DOG DISEASES, blood/ DOGS/ *HEMORRHAGIC DIATHESIS, veterinary/ MALE/ VON WILLEBRAND'S DISEASE, blood/ *VON WILLEBRAND'S DISEASE, veterinary

5473. **Myers P, Rampling MW, Sirs JA:** Interaction of Arvin with erythrocyte flexibility.
J Physiol (Lond) 230:51P-52P, Apr 73
*ANTICOAGULANTS, pharmacodynamics/ BLOOD SEDIMENTATION/ *ERYTHROCYTES, drug effects/ FIBRINOGEN/ HEMATOCRIT/ HUMAN/ *VENOMS, pharmacodynamics

5474. **Myhre BA:** Antibody screening with the autoanalyzer using donors' plasma in place of sera.
Am J Clin Pathol 58:698-701, Dec 72
ANTICOAGULANTS, pharmacodynamics/ AUTOANALYSIS/ BLOOD, drug effects/ *BLOOD GROUPS/ COMPLEMENT, analysis/ DRUG STORAGE/ HUMAN/ *IMMUNE SERUMS, analysis/ *ISOANTIBODIES, analysis/ *PLASMA, analysis/ RH FACTORS, analysis

5475. **Myhre HO, Storen EJ, Auensen CA:** Pre- or post-operative start of anticoagulation prophylaxis in patients with fractured hips?
J Oslo City Hosp 23:15-23, Jan 73
ADMINISTRATION, ORAL/ ADULT/ AGED/ FOLLOW-UP STUDIES/ *FRACTURES, surgery/ *HIP, injuries/ HIP, surgery/ HUMAN/ MIDDLE AGE/ PHLEBOGRAPHY/ POSTOPERATIVE CARE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PREOPERATIVE CARE/ *THROMBOEMBOLISM, prevention & control/ THROMBOEMBOLISM, radiography/ TIME FACTORS/ *WARFARIN/ WARFARIN, administration & dosage

5476. **Myhre-Jensen O, Astrup T:** Fibrinolytic activity of squamous epithelium of the oral cavity and oesophagus of rat, guinea pig and rabbit.
Arch Oral Biol 16:1099-107, Sep 71
ANIMAL EXPERIMENTS/ *EPITHELIUM/ *ESOPHAGUS/ *FIBRINOLYSIS/ GUINEA PIGS/ HISTOCYTOCHEMISTRY/ *MOUTH MUCOSA/ PLASMINOGEN/ RABBITS/ RATS/ TONGUE

5477. **Myhre-Jensen O, Baetz BA, Astrup T:** Fibrinolytic activity in rat gastrointestinal mucosa.
Arch Pathol 95:195-8, Mar 73
ANIMAL EXPERIMENTS/ BLOOD COAGULATION FACTORS/ ENZYME ACTIVATION/ FEMALE/ *FIBRINOLYSIS/ *GASTRIC MUCOSA, enzymology/ ILEUM, enzymology/ IN VITRO/ *INTESTINAL MUCOSA, enzymology/ JEJUNUM, enzymology/ *PEPTIDE HYDROLASES, metabolism/ *PLASMINOGEN, metabolism/ PYLORUS, enzymology/ RATS/ SIGMOID, enzymology/ STOMACH, enzymology

5478. **Myhre-Jensen O, Lund B:** Fibrinolytic activity of renal transplants in rabbits relation to graft thrombosis and necrosis.
Acta Pathol Microbiol Scand [A] 80:651-8, 1972
ANIMAL EXPERIMENTS/ BIOPSY/ FIBRIN, metabolism/ *FIBRINOLYSIS/ *GRAFT VS HOST REACTION/ KIDNEY, blood supply/ KIDNEY, enzymology/ *KIDNEY, transplantation/ METHODS/ *NECROSIS, etiology/ PLASMINOGEN/ RABBITS/ *THROMBOSIS, etiology/ TIME FACTORS/ TRANSPLANTATION, AUTOLOGOUS/ TRANSPLANTATION, HOMOLOGOUS

5479. **Myllärniemi H:** Healing and adhesion formation of peritoneal wounds. An angio-, histoangiographic, and ultrastructural study. Acta Chir Scand 139:258-63, 1973
ADHESIONS/ ANGIOGRAPHY/ ANIMAL EXPERIMENTS/ ILEUM, pathology/ MALE/ MESENTERY, pathology/ MICROSCOPY, ELECTRON/ OMENTUM, blood supply/ OMENTUM, pathology/ PERITONEAL CAVITY, surgery/ *PERITONEUM, pathology/ RATS/ SUTURES/ TESTIS, pathology/ *WOUND HEALING

5480. **Myśliwiec B:** Kliniczne aspekty rozsianego wewnątrznaczyniowego wykrzepiania u dzieci.
Pol Tyg Lek 28:67-70, 8 Jan 73 (23 ref.) (Pol)
ACUTE DISEASE/ AGE FACTORS/ ANTIBIOTICS, therapeutic use/ CHILD/ DEXTRAN, therapeutic use/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, microbiology/ DISSEMINATED INTRAVASCULAR COAGULATION, mortality/ FACTOR V/ FACTOR VIII/ HEPARIN, therapeutic use/ HUMAN/ HYPOPROTHROMBINEMIAS, blood/ INFANT, NEWBORN/ INFANT, PREMATURE/ REVIEW

5481. **Myśliwiec M, Myśliwiec B, Bogdanikowa B:** Wpływ rtęciowego preparatu moczopędnego Novurit na fibrynolizę.
Pol Tyg Lek 28:472-4, 26 Mar 73 (Pol)
ADULT/ ASCITES, physiopathology/ *DIURETICS, pharmacodynamics/ EDEMA, physiopathology/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIS, drug effects/ HEART VALVE DISEASES, physiopathology/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ LIVER CIRRHOSIS, physiopathology/ MALE/ *MERCURY, pharmacodynamics/ MIDDLE AGE/ *ORGANOMETALLIC COMPOUNDS, pharmacodynamics/ PULMONARY HEART DISEASE, physiopathology

N

5482. **Naber K, Müller K, Rehbehn W:** Veränderungen der Blutgerinnung durch Propanidid und Clomethiazol.
Dtsch Med Wochenschr 98:226, 2 Feb 73 (Ger)
*BLOOD COAGULATION, drug effects/ *CHLORMETHIAZOLE, pharmacodynamics/ HUMAN/ MALE/ *PROPANIDID, pharmacodynamics/ PROTHROMBIN TIME

5483. **Nachev L, Dobreva E, Kosturkova P, et al:** Okharakterizirane proteoliticnata i amiloliticnata aktibnost na edin shtam ot Bac. mesentericus pri nasochenoto mu kultivirane.
Izv Mikrobiol Inst (Sofiia) 23:29-40, 1972 (Bul)
AMYLASE, biosynthesis/ *BACILLUS, enzymology/ CULTURE MEDIA/ ENGLISH ABSTRACT/ HYDROGEN-ION CONCENTRATION/ PEPTIDE HYDROLASES, biosynthesis

5484. **Nachman RL, Hubbard A, Ferris B:** Iodination of the human platelet membrane. Studies of the major surface glycoprotein.
J Biol Chem 248:2928-36, 25 Apr 73
AGGLUTINATION TESTS/ AUTORADIOGRAPHY/ BLOOD PLATELETS, analysis/ *BLOOD PLATELETS, cytology/ CELL MEMBRANE, analysis/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, AFFINITY/ CONCANAVALIN A/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *GLYCOPROTEINS/ GLYCOPROTEINS, isolation & purification/ HUMAN/ IMMUNE SERUMS/ IODINE ISOTOPES/ MICROSCOPY, ELECTRON/ MOLECULAR WEIGHT/ NEURAMINIDASE/ PLANT AGGLUTININS/ SODIUM DODECYL SULFATE/ THROMBIN

5485. **Nachman RL, Thomas M, Patel D, et al:** Thrombocytopenia as evidence of local thrombus: the umbilical arterial catheter. Pediatrics 50:825-6, Nov 72
BLOOD CELL COUNT/ BLOOD PLATELETS/ *CATHETERIZATION, adverse effects/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ FEMALE/ HUMAN/ INFANT, NEWBORN/ INFANT, PREMATURE/ PARENTERAL FEEDING, adverse effects/ *THROMBOPENIA, etiology/ *THROMBOSIS, etiology/ UMBILICAL ARTERIES

5486. **Nachman RL, Weksler B:** The platelet as an inflammatory cell.
Ann NY Acad Sci 201:131-7, 27 Oct 72
ANIMAL EXPERIMENTS/ ANTIHISTAMINICS, pharmacodynamics/ BLOOD BACTERICIDAL ACTIVITY/ BLOOD PLATELETS, analysis/ *BLOOD PLATELETS, physiology/ BLOOD PROTEINS, isolation & purification/ CAPILLARY PERMEABILITY/ CHROMATOGRAPHY, DEAE-CELLULOSE/

CYTOPLASMIC GRANULES/ GEL FILTRATION/ HISTAMINE, analysis/ HISTAMINE LIBERATION/ *INFLAMMATION/ LYSOSOMES/ MALE/ MAST CELLS, immunology/ MOLECULAR WEIGHT/ PEPTIDES, analysis/ RABBITS/ SEROTONIN, analysis/ SKIN TESTS/ TISSUE EXTRACTS

5487. **Nadeau N, Plante R, Parent M:** Abdominal wall hematomas. Can J Surg 16:321-7, Sep 73
*ABDOMINAL WALL/ ABDOMINAL WALL, anatomy & histology/ ABDOMINAL WALL, blood supply/ ADULT/ AGED/ ANGIOGRAPHY/ COUGH, complications/ DIAGNOSIS, SURGICAL/ EXERTION/ FEMALE/ *HEMATOMA, diagnosis/ HEMATOMA, etiology/ HEMATOMA, therapy/ HUMAN/ LAPAROTOMY/ MALE/ MIDDLE AGE/ PROGNOSIS/ VOMITING, complications

5488. **Nadkarni GD, Samuel AM:** Plasma protein biosynthesis in different thyroid states.
Biochem Med 7:226-34, Apr 73
ALBUMINS, biosynthesis/ ANIMAL EXPERIMENTS/ *BLOOD PROTEINS, biosynthesis/ CARBON ISOTOPES/ FIBRINOGEN, biosynthesis/ GLOBULINS, biosynthesis/ GLYCINE, metabolism/ HYPERTHYROIDISM, metabolism/ HYPOTHYROIDISM, metabolism/ MALE/ RATS/ *THYROID GLAND, metabolism/ THYROID GLAND, physiology/ THYROIDECTOMY/ TRIIODOTHYRONINE, pharmacodynamics

5489. **Nadkarni GS, Samuel AM:** Effect of whole-body x-irradiation on plasma-protein synthesis: role of adrenals. Int J Radiat Biol 23:469-76, May 73
*ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *BLOOD PROTEINS, biosynthesis/ CARBON ISOTOPES/ FIBRINOGEN, biosynthesis/ GLYCINE, metabolism/ MALE/ *RADIATION INJURIES, EXPERIMENTAL, blood/ RATS/ SERUM ALBUMIN, biosynthesis/ TIME FACTORS

5490. **Naess B, Fjolstad M:** The effects of feeding peptide-precipitating lignosulphonic acids in various concentrations to growing pigs.
Acta Vet Scand 14:147-59, 1973
ANIMAL EXPERIMENTS/ *ANIMAL FEED/ *BODY WEIGHT, drug effects/ CASEIN, diagnostic use/ DEPRESSION, CHEMICAL/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FECES, enzymology/ FEMALE/ LIGNIN, administration & dosage/ *LIGNIN, pharmacodynamics/ MALE/ PEPTIDE HYDROLASES, analysis/ PRECIPITATION/ SULFONIC ACIDS, administration & dosage/ *SULFONIC ACIDS, pharmacodynamics/ SWINE, enzymology/ *SWINE, growth & development/ TIME FACTORS

5491. **Naess B, Fossum K, Sandvik O:** The effects of peptide-precipitating lignosulphonic acids on the in vitro proteolytic activity of some animal and microbial proteinases. Acta Vet Scand 14:107-17, 1973
BACTERIA, enzymology/ CASEIN, diagnostic use/ *CHYMOTRYPSIN, antagonists & inhibitors/ IN VITRO/ *LIGNIN, pharmacodynamics/ METHODS/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PRECIPITATION/ *SULFONIC ACIDS, pharmacodynamics/ SWINE, enzymology/ *TRYPSIN INHIBITORS

5492. **Naess K:** Analgetika og blødningstendens.
Tidsskr Nor Laegeforen 92:2279-80, 30 Nov 72 (Nor)
ADULT/ *ASPIRIN, pharmacodynamics/ ASPIRIN, therapeutic use/ *BLOOD COAGULATION, drug effects/ FEMALE/ HEMORRHAGE/ HUMAN/ THROMBOSIS, prevention & control

5493. **Naess K:** E-vitamin, umettede, blodplater og prostaglandiner. En rettelse og en tilføyelse.
Tidsskr Nor Laegeforen 93:331, 20 Feb 73 (Nor)
ARTERIOSCLEROSIS/ *BLOOD PLATELETS/ *FATTY ACIDS, UNSATURATED/ HUMAN/ MYOCARDIAL INFARCT/ PROSTAGLANDINS/ *VITAMIN E

5494. **Naff GB, Byers PH:** Complement as a mediator of inflammation in acute gouty arthritis. I. Studies on the reaction between human serum complement and sodium urate crystals.
J Lab Clin Med 81:747-60, May 73
CALCIUM, pharmacodynamics/ *COMPLEMENT, metabolism/ ERYTHROCYTES/ FACTOR XII/ GOUT, metabolism/ HEAT/ HEMOLYSIS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYPOXANTHINES/ IMMUNE ADHERENCE REACTION/ IMMUNOGLOBULINS, pharmacodynamics/ MAGNESIUM, pharmacodynamics/ OROTIC ACID/ PROPERDIN, pharmacodynamics/ PYROPHOSPHATES, pharmacodynamics/ SHEEP/ TIME FACTORS/ *URIC ACID, metabolism

5495. **Nagai W, Kirk KL, Cohen LA:** Synthesis of 2-amino-L-histidine and 2-aminohistamine.
J Org Chem 38:1971-4, 1 Jun 73
*DRUG STABILITY/ HISTAMINE, chem synthesis/ *HISTIDINE, chem synthesis/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ *IMIDAZOLES, chem synthesis/ METHODS/ TRYPSIN

5496. **Nagamatsu Y, Matsumoto M, Yamamoto J, et al:** [Inhibitory effect of 4-(2-carboxyethyl) phenyl trans-4-aminomethyl cyclohexane carboxylate hydrochloride on fibrinolysis, esterolysis and proteolysis and its degradation by serum esterases: in vitro study]
Acta Haematol Jap 36:150-8, Apr 73 (Jap)
ANIMAL EXPERIMENTS/ CATTLE/ CYCLOHEXANECARBOXYLIC ACIDS, metabolism/ *CYCLOHEXANECARBOXYLIC ACIDS, pharmacodynamics/ ENGLISH ABSTRACT/ *ESTERASES, antagonists & inhibitors/ ESTERASES, blood/ *FIBRINOLYSIS, drug effects/ METHYLAMINES, metabolism/ METHYLAMINES, pharmacodynamics/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ RABBITS

5497. **Nagao T, Sato M, Iwasawa Y, et al:** Studies on a new 1,5-benzothiazepine derivative (CRD-401). 3. Effects of optical isomers of CRD-401 on smooth muscle and other pharmacological properties.
Jap J Pharmacol 22:467-78, Aug 72
ANESTHETICS, LOCAL/ ANIMAL EXPERIMENTS/ ANTICONVULSANTS, pharmacodynamics/ ANTIHISTAMINICS, pharmacodynamics/ ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ BARIUM, antagonists & inhibitors/ *BENZAZEPINES, pharmacodynamics/ BENZAZEPINES, toxicity/ BLOOD COAGULATION, drug effects/ CATS/ COLON, drug effects/ DEPRESSION, CHEMICAL/ ELECTROENCEPHALOGRAPHY/ GANGLIONIC BLOCKADERS, pharmacodynamics/ GASTROINTESTINAL MOTILITY, drug effects/ GUINEA PIGS/ ILEUM, drug effects/ IN VITRO/ ISOMERISM/ LETHAL DOSE 50/ METHACHOLINE COMPOUNDS, antagonists & inhibitors/ MICE/ *MUSCLE, SMOOTH, drug effects/ NICOTINE, pharmacodynamics/ RABBITS/ RATS/ SLEEP, drug effects/ VAS DEFERENS, drug effects

5498. **Nagatomo Y:** The characterization of Chikungunya virus RNA. Arch Gesamte Virusforsch 39:63-73, 1972
CELL LINE/ CENTRIFUGATION, DENSITY GRADIENT/ *CHIKUNGUNYA VIRUS, analysis/ CHIKUNGUNYA VIRUS, growth & development/ CHIKUNGUNYA VIRUS, isolation & purification/ CHROMATOGRAPHY/ KIDNEY/ MICROPORE FILTERS/ MICROSCOPY, ELECTRON/ MOLECULAR WEIGHT/ MONKEYS/ PHOSPHORUS ISOTOPES/ RIBONUCLEOTIDES, analysis/ *RNA, VIRAL, analysis/ RNA, VIRAL, isolation & purification/ SODIUM DODECYL SULFATE/ TRITIUM/ TRYPSIN/ URIDINE

5499. **Nagayama M:** [FDP in obstetrics and gynecology]
Acta Haematol Jap 35:637-41, Oct 72 (Jap)
DISSEMINATED INTRAVASCULAR COAGULATION, blood/ ENGLISH ABSTRACT/ FEMALE/ *FIBRIN, metabolism/ *FIBRINOGEN, metabolism/ HUMAN/ PREGNANCY/ *PREGNANCY COMPLICATIONS, blood

5500. **Nager F:** Die medikamentöse Behandlung der Angina pectoris. Rationale Grundlagen und praktische Durchführung.
Schweiz Med Wochenschr 102:1724-9, 25 Nov 72 (Ger)
ADRENERGIC BETA RECEPTOR BLOCKADERS, therapeutic use/ *ANGINA PECTORIS, drug therapy/ ANGINA PECTORIS, physiopathology/ ANGINA PECTORIS, surgery/ ANTICOAGULANTS, therapeutic use/ BLOOD PRESSURE/ CLINICAL RESEARCH/ CLOFIBRATE, therapeutic use/ DIGITALIS GLYCOSIDES, therapeutic use/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ GLYCERYL TRINITRATE, therapeutic use/ HEART RATE/ HUMAN/ OXYGEN CONSUMPTION

5501. **el-Naggar AM:** Globus fixus as a rare complication to orbitotomy, irradiation of lid tumours or plastic re-construction of lids.
Bull Ophthalmol Soc Egypt 64:535-8, 1971
ADHESIONS, complications/ ADULT/ CARCINOMA, BASAL CELL, radiotherapy/ EYELID DISEASES, surgery/ *EYELID NEOPLASMS, radiotherapy/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ NEOPLASM RECURRENCE, LOCAL/ OCULOMOTOR MUSCLES, injuries/ *OCULOMOTOR PARALYSIS, etiology/ ORBIT, surgery/ POSTOPERATIVE COMPLICATIONS/ *RADIATION INJURIES/ *SURGERY, PLASTIC, adverse effects

5502. **Nagornev VA:** Morfologicheskie izmeneniia, voznikaiushchie u krolikov s indutsirovannoi tolerantnost'iu k eksperimental'nomu ateroskleroz.
Arkh Patol 35:22-7, 1973 (Rus)
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN, immunology/ ARTERIOSCLEROSIS, immunology/ *ARTERIOSCLEROSIS, pathology/ CHOLESTEROL, DIETARY, administration & dosage/ CYCLOPHOSPHAMIDE, pharmacodynamics/ DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ HISTOLOGICAL TECHNICS/ *IMMUNE TOLERANCE/ LIPOPROTEINS, pharmacodynamics/ MICROSCOPY/ RABBITS

5503. **Naish P, Peters DK, Shackman R:** Increased urinary fibrinogen derivatives after renal allotransplantation.
Lancet 1:1280-2, 9 Jun 73
ACUTE DISEASE/ FIBRIN, metabolism/ FIBRINOGEN, metabolism/ *FIBRINOGEN, urine/ GRAFT REJECTION/ HUMAN/ KIDNEY, physiopathology/ *KIDNEY, transplantation/ KIDNEY GLOMERULUS, metabolism/ POSTOPERATIVE COMPLICATIONS, diagnosis/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS

5504. **Naito R:** Experiences in the development of plasma derivatives in Japan. Vox Sang 23:35-7, Jul-Aug 72
BLOOD BANKS/ *BLOOD PROTEINS, isolation & purification/ *BLOOD TRANSFUSION/ CERULOPLASMIN, isolation & purification/ FACTOR IX, isolation & purification/ FACTOR XIII, isolation & purification/ GAMMA GLOBULIN, isolation & purification/ HUMAN/ IGA, isolation & purification/ IGM, isolation & purification/ JAPAN/ *PLASMA, analysis/ PLASMAPHERESIS/ RED CROSS/ TRANSFERRIN, isolation & purification

5505. **Najjar VA, Constantopoulos A:** A new phagocytosis-stimulating tetrapeptide hormone, tuftsin, and its role in disease.
J Reticuloendothel Soc 12:197-215, Aug 72
ADOLESCENCE/ ANIMAL EXPERIMENTS/ ARGININE, blood/ CHILD, PRESCHOOL/ COMPLEMENT, analysis/ DOGS/ FEMALE/ *GAMMA GLOBULIN/ GAMMA GLOBULIN, therapeutic use/ GUINEA PIGS/ HUMAN/ *IMMUNOGLOBULINS, FD/ INFANT, NEWBORN/ *LEUKOCYTES, immunology/ LYSINE, blood/ MALE/ *METABOLISM, INBORN ERRORS, blood/ METABOLISM, INBORN ERRORS, familial & genetic/ *OLIGOPEPTIDES, blood/ *PHAGOCYTOSIS/ PROLINE, blood/ SPLENECTOMY, adverse effects/ SPLENIC DISEASES, complications/ STAPHYLOCOCCAL INFECTIONS, metabolism/ STAPHYLOCOCCUS, immunology/ STREPTOCOCCAL INFECTIONS, metabolism/ THREONINE, blood/ TRYPSIN, pharmacodynamics

5506. **Nakahara M:** Plasma hippuryl-L-lysine hydrolase inhibition by low molecular weight substance in lysosomes of skeletal muscle.
Biochem Pharmacol 21:2635-41, 1 Oct 72
ACID PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BRADYKININ, pharmacodynamics/ CHROMATOGRAPHY/ CHYMOTRYPSIN, pharmacodynamics/ DOGS/ GEL FILTRATION/ GLUCURONIDASE, analysis/ HIPPURATES/ *HYDROLASES, antagonists & inhibitors/ ILEUM, analysis/ LYSINE/ *LYSOSOMES, analysis/ MITOCHONDRIA, MUSCLE, enzymology/ MOLECULAR WEIGHT/ *MUSCLES, analysis/ MUSCLES, cytology/ PROTEINS, analysis

5507. **Nakamura N, Zuppinger KA, Colombo JP, et al:** Synthesis of glucose in human thrombocytes.
Metabolism 22:29-38, Jan 73
ADENOSINE TRIPHOSPHATE, pharmacodynamics/ *BLOOD PLATELETS, metabolism/ CARBON, metabolism/ CARBON ISOTOPES/ FASTING/ *GLUCOSE, biosynthesis/ GLYCOGEN, metabolism/ HUMAN/ IN VITRO/ PYRUVATES, metabolism

5508. **Nakamura S, Ogata H, Suzuno R:** Trypsin inhibitors and chymotrypsin inhibitors in the sera of some animals.
Comp Biochem Physiol [B] 41:201-15, 15 Jan 72
ALPHA GLOBULIN, analysis/ ANGUILLA/ ANIMAL EXPERIMENTS/ BLOOD PROTEINS, analysis/ CATS/ CATTLE/ *CHYMOTRYPSIN, antagonists & inhibitors/ CYPRINIDAE/ DOGS/ ELECTROPHORESIS, PAPER/ ENZYME ACTIVATION/ FROGS/ GUINEA PIGS/ HORSES/ HUMAN/ RABBITS/ RATS/ SHEEP/ SPECIES SPECIFICITY/ SWINE/ TRYPSIN INHIBITORS, blood/ TURTLES

5509. **Nakamura S, Yamashita H, Shimoda T, et al:** A new semi-alkaline proteinase produced by Streptomyces cinereoruber.
Chem Pharm Bull (Tokyo) 21:664-7, Mar 73
CHEMISTRY/ *PEPTIDE HYDROLASES, isolation & purification/ *STREPTOMYCES, enzymology

5510. **Nakamura S, Yamashita H, Shimoda T, et al:** Alkaline proteinases a and b produced by Streptomyces griseoviridis.
Chem Pharm Bull (Tokyo) 21:584-8, Mar 73
CHEMISTRY/ HYDROGEN-ION CONCENTRATION/ *PEPTIDE HYDROLASES, isolation & purification/ *STREPTOMYCES, enzymology/ TEMPERATURE

5511. **Nakamura W:** Effect of thrombocyte-rich plasma on x-ray induced bone marrow death in mice.
Radiat Res 55:118-28, Jul 73
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS/ *BLOOD TRANSFUSION/ DIHYDROSTREPTOMYCIN, therapeutic use/ FEMALE/ HEMORRHAGE, GASTROINTESTINAL, prevention & control/ MALE/ MICE/ PENICILLIN, therapeutic use/ RADIATION INJURIES, EXPERIMENTAL, drug therapy/ *RADIATION INJURIES, EXPERIMENTAL, therapy

5512. **Nakanishi M, Setoguchi M:** Studies on psychotropic drugs. XVII. Effects of 3-chloro-5-(3-(4-piperidino-4-carbamoyl-piperidino)-propyl)-10,11-dihydro-5(H)-dibenz-(b,f)-azepine

dihydrochloride monohydrate (Y-4153) on the metabolism of biogenic amines.
Arzneim Forsch 23:806-10, Jun 73
ANIMAL EXPERIMENTS/ *BIOGENIC AMINES, metabolism/ BLOOD PLATELETS, metabolism/ BRAIN, metabolism/ CARBAMATES, pharmacodynamics/ CATECHOLAMINES, biosynthesis/ CHLORPROMAZINE, metabolism/ *DIBENZAZEPINES, pharmacodynamics/ DOPAMINE, metabolism/ FEMALE/ IMIPRAMINE, metabolism/ MALE/ MONOAMINE OXIDASE, metabolism/ PIPERIDINES, pharmacodynamics/ RATS/ SEROTONIN, metabolism/ *TRANQUILIZING AGENTS, pharmacodynamics

5513. **Nakano S:** [Hemorrhagic diathesis and hemostasis]
Jap J Nurs 37:486-9, Apr 73 (Jap)
HEMORRHAGIC DIATHESIS/ HEMOSTASIS/ SPECIAL LIST NURSING

5514. **Nakashima K, Oda S, Miwa S:** Red cell density in various blood disorders.
J Lab Clin Med 82:297-302, Aug 73
ADOLESCENCE/ ADULT/ ANEMIA, blood/ ANEMIA, APLASTIC, blood/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, blood/ ANEMIA, HYPOCHROMIC, blood/ CENTRIFUGATION, DENSITY GRADIENT/ DENSITOMETRY/ EDTA/ ERYTHROCYTE COUNT/ *ERYTHROCYTES/ ERYTHROCYTES, enzymology/ FEMALE/ GLUCOSEPHOSPHATE ISOMERASE, blood/ *HEMATOLOGIC DISEASES, blood/ HEPARIN/ HUMAN/ MALE/ METABOLISM, INBORN ERRORS, blood/ METHODS/ MIDDLE AGE/ PLASMA/ POLYCYTHEMIA VERA, blood/ PYRUVATE KINASE, blood/ RETICULOCYTES/ SPHEROCYTOSIS, HEREDITARY, blood/ THALASSEMIA, blood

5515. **Nakata H, Ishii S:** Substrate activation of trypsin and acetyltrypsin caused by -N-benzoyl-L-arginine p-nitroanilide. J Biochem (Tokyo) 72:281-90, Aug 72
ANILIDES/ *ARGININE/ BENZOATES/ CATALYSIS/ CATTLE/ CHEMISTRY/ ENZYME ACTIVATION/ HYDROLYSIS/ KINETICS/ NITRO COMPOUNDS/ *TRYPSIN

5516. **Nakata H, Yoshida N, Narahashi Y, et al:** Substrate activation and substrate inhibition of trypsin-like enzymes from three strains of Streptomyces species.
J Biochem (Tokyo) 71:1085-8, Jun 72
ANILINE COMPOUNDS/ ARGININE/ BENZOATES/ ESTERS/ KINETICS/ *PEPTIDE HYDROLASES, metabolism/ *STREPTOMYCES, enzymology/ STREPTOMYCES GRISEUS, enzymology/ TOSYL COMPOUNDS

5517. **Nakata Y, Shionoya S:** Microcirculation and metabolism in the vascular wall concerned with the vasa vasorum. Jap Circ J 37:217-27, Mar 73 (28 ref.)
ANIMAL EXPERIMENTS/ AORTA, ABDOMINAL, anatomy & histology/ AORTA, ABDOMINAL, pathology/ AORTOGRAPHY/ BRADYKININ, pharmacodynamics/ CHOLESTEROL, blood/ DIET, ATHEROGENIC/ DOGS/ HUMAN/ LYMPHATIC SYSTEM, pathology/ *MICROCIRCULATION/ MICROCIRCULATION, drug effects/ MONKEYS/ RABBITS/ REVIEW/ STAPHYLOCOCCAL INFECTIONS, pathology/ VASA VASORUM, drug effects/ VASA VASORUM, pathology/ *VASCULAR DISEASES, pathology

5518. **Nakata Y, Shionoya S, Matsubara J, et al:** An experimental study on the vascular lesions caused by disturbance of the vasa vasorum. 3. Influence of obstruction of the venous side of the vasa vasorum and the periaortic vein. Jap Circ J 36:945-51, Sep 72
ANGIOGRAPHY/ ANIMAL EXPERIMENTS/ AORTA, ABDOMINAL, pathology/ ARTERIES, physiology/ *BLOOD VESSELS, physiology/ DOGS/ LIGATION/ MUSCLE, SMOOTH, pathology/ THORACIC DUCT, blood supply/ THROMBIN/ TISSUE CULTURE/ VASA VASORUM, physiology/ VASCULAR DISEASES, pathology/ VEINS, physiology/ *VENA CAVA, INFERIOR, physiology

5519. **Nakatsui T, Taketomi Y, Uchino H:** Ultrastructural localization of alkaline phosphatase in human granulocytes, lymphocytes and platelets of normals and of some hematological disorders.
Acta Haematol Jap 35:47-68, Feb 72
ACID PHOSPHATASE/ *ALKALINE PHOSPHATASE, blood/ *BLOOD PLATELETS, enzymology/ EOSINOPHILS, enzymology/ *HEMATOLOGIC DISEASES, enzymology/ HISTOCYTOCHEMISTRY/ HUMAN/ *LEUKOCYTES, enzymology/ *LYMPHOCYTES, enzymology/ MICROSCOPY, ELECTRON/ NEUTROPHILS, enzymology

5520. **Nakazawa S, Adachihara A, Meguro T, et al:** [Determination of platelet adhesiveness by the modified Hellem II method]
Jap J Clin Pathol 20:561-4, Aug 72 (Jap)
ADULT/ BLOOD PLATELET DISORDERS, blood/ CHILD/ CHILD, PRESCHOOL/ HEMOPHILIA, blood/ HUMAN/ METHODS/ *PLATELET ADHESIVENESS/ VON WILLEBRAND'S DISEASE, blood

5521. **Nakazawa S, Meguro T, Yamada Z, et al:** [Evaluation of staphylococcal clumping test and its clinical application]
Jap J Clin Hematol 13:363-9, Jun 72 (Jap)
ADULT/ AGGLUTINATION/ CHILD, PRESCHOOL/ CHROMATOGRAPHY/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *FIBRIN, analysis/ *FIBRINOGEN, analysis/ GEL FILTRATION/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS/ INFANT/ INFANT, NEWBORN/ METHODS/ RABBITS, immunology/ *STAPHYLOCOCCUS

5522. **Nalbandian RM, Camp FR Jr, Henry RL, et al:** A practical synopsis of consumption coagulopathy.
Milit Med 136:349-50, Apr 71
*DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, classification/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ HUMAN

5523. **Nałęczyńska A, Łopaciuk S:** Precypitacja czynnika XIII (FSF) pod wpływem niektórych wielocukrów i w niskich temperaturach.
Acta Hepatogastroenterol (Stuttg) 2:43-6, Jan-Mar 71 (Pol)
*COLD/ CRYOGLOBULINS, metabolism/ DEXTRAN, pharmacodynamics/ ENGLISH ABSTRACT/ *FACTOR XIII, isolation & purification/ FIBRINOGEN, isolation & purification/ GLYCOGEN, pharmacodynamics/ HUMAN/ METHODS/ *POLYSACCHARIDES, pharmacodynamics/ PRECIPITATION

5524. **Namba Y, Hanaoka M:** Immunocytology of cultured IgM-forming cells of mouse. I. Requirement of phagocytic cell factor for the growth of IgM-forming tumor cells in tissue culture.
J Immunol 109:1193-200, Dec 72
ACID PHOSPHATASE, metabolism/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ ANIMAL EXPERIMENTS/ *ANTIBODY PRODUCING CELLS/ ANTIBODY SPECIFICITY/ CATTLE, immunology/ *CELL LINE/ GEL DIFFUSION TESTS/ *IGM/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ IMMUNOGLOBULIN FRAGMENTS/ LEUCINE, metabolism/ MICE/ MICE, immunology/ MICROSCOPY, PHASE CONTRAST/ MITOSIS/ MULTIPLE MYELOMA, enzymology/ *MULTIPLE MYELOMA, immunology/ *PHAGOCYTOSIS/ RABBITS, immunology/ THYMIDINE, metabolism/ TRITIUM/ TRYPSIN/ TRYPSIN INHIBITORS

5525. **Nand S, Gupta AK, Sur BK, et al:** Sialic acid values in joint fluid in different orthopaedic disorders.
J Indian Med Assoc 60:125-7, 16 Feb 73
ADOLESCENCE/ ADULT/ FEMALE/

HEMOPHILIA, metabolism/ HUMAN/ *JOINT DISEASES, metabolism/ MALE/ MIDDLE AGE/ *NEURAMINIC ACIDS, analysis/ *SYNOVIAL FLUID, analysis/ SYPHILIS, metabolism/ TUBERCULOSIS, OSTEOARTICULAR, metabolism

5526. **Napiórkowska W, Palester-Chlebowczyk M, Keydana-Jędrzejewska B, et al:** Zachowanie się układu drzipnięcia drwi i fibrynolizy w nadczynności tarczycy.
Endokrynol Pol 23:423-36, Sep-Oct 72 (Pol)
ADOLESCENCE/ ADULT/ AGED/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS/ HUMAN/ *HYPERTHYROIDISM, blood/ MALE/ MIDDLE AGE/ SEX FACTORS/ TIME FACTORS

5527. **Narahashi Y:** Hydrolysis of amino acid ester derivatives by alkaline proteinase C of pronase.
J Biochem (Tokyo) 71:1077-80, Jun 72
*AMINO ACIDS/ CHYMOTRYPSIN/ ESTERASES/ ESTERS/ HYDROLYSIS/ *PRONASE/ STREPTOMYCES GRISEUS, enzymology

5528. **Naranjo J:** Síndrome de Klippel-Trenaunay.
Angiologia 24:297-301, Nov-Dec 72 (Spa)
ADULT/ *ANGIOMATOSIS, etiology/ ANGIOMATOSIS, surgery/ ARM, blood supply/ ARM, surgery/ ARTERIOVENOUS FISTULA, complications/ ARTERIOVENOUS FISTULA, surgery/ *BONE DISEASES, etiology/ BONE DISEASES, surgery/ ELECTROMYOGRAPHY/ ENGLISH ABSTRACT/ HUMAN/ MALE/ SYNDROME

5529. **Nasemann T:** Anfragen aus der Praxis.
Hautarzt 24:318, Jul 73 (Ger)
AGE FACTORS/ *HEMANGIOMA, drug therapy/ HEMANGIOMA, surgery/ HUMAN/ INFANT/ INJECTIONS, INTRADERMAL/ *SKIN NEOPLASMS, drug therapy/ SKIN NEOPLASMS, surgery/ TRIAMCINOLONE, administration & dosage/ *TRIAMCINOLONE, therapeutic use

5530. **Nasemann T, Schröpl F, Wollenweber J, et al:** Atypisches, isoliertes Trichoepitheliom am Kinn.
Hautarzt 24:105-10, Mar 73 (Ger)
AGED/ *CHIN/ DIAGNOSIS, DIFFERENTIAL/ HEMANGIOENDOTHELIOMA, diagnosis/ HEMANGIOPERICYTOMA, diagnosis/ HUMAN/ INJECTIONS, INTRADERMAL/ MALE/ MICROSCOPY, ELECTRON/ SKIN NEOPLASMS, diagnosis/ SKIN NEOPLASMS, drug therapy/ *SKIN NEOPLASMS, pathology/ SKIN NEOPLASMS, radiotherapy/ TRIAMCINOLONE, administration & dosage/ TRIAMCINOLONE, therapeutic use

5531. **Naslin L, Spyridakis A, Labeyrie F:** A study of several bonds hypersensitive to proteases in a complex flavohemoenzyme, yeast cytochrome b 2 Modification of their reactivity with ligand-induced conformational transitions.
Eur J Biochem 34:268-83, Apr 73
BINDING SITES/ *CYTOCHROMES/ ELECTROPHORESIS, DISK/ *FLAVOPROTEINS/ HYDROLYSIS/ *LACTATE DEHYDROGENASE/ MOLECULAR WEIGHT/ OSMOLAR CONCENTRATION/ PROTEIN CONFORMATION/ *SACCHAROMYCES CEREVISIAE, enzymology/ SODIUM DODECYL SULFATE/ TRYPSIN

5532. **Nassar SI, Khouri S, Afifi AK:** Successfully treated acute intracerebellar hemorrhage secondary to anticoagulant therapy. Case report.
J Med Liban 25:215-9, 1972
ADULT/ ANTICOAGULANTS, administration & dosage/ *ANTICOAGULANTS, adverse effects/ *CEREBELLUM/ *CEREBRAL HEMORRHAGE, etiology/ CEREBRAL HEMORRHAGE, surgery/ DRUG SYNERGISM/ FEMALE/ HUMAN/ SALICYLATES, therapeutic use

5533. **Natelson SE, Sayers MP:** The fate of children sustaining severe head trauma during birth.
Pediatrics 51:169-74, Feb 73
ABNORMALITIES, MULTIPLE, complications/ ADOLESCENCE/ *BIRTH INJURIES, complications/ BIRTH INJURIES, mortality/ *BRAIN INJURIES, ACUTE, complications/ BRAIN INJURIES, ACUTE, mortality/ BRAIN INJURIES, ACUTE, surgery/ CEREBRAL HEMORRHAGE, etiology/ CEREBROSPINAL FLUID SHUNTS/ CHILD/ FEMALE/ HEMATOMA, etiology/ HEMATOMA, EPIDURAL, etiology/ HEMATOMA, SUBDURAL, etiology/ HEMATOMA, SUBDURAL, mortality/ HUMAN/ INFANT, NEWBORN/ LABOR PRESENTATION/ MALE/ MENTAL RETARDATION, etiology/ PREGNANCY/ PROGNOSIS/ SEX FACTORS/ SKULL FRACTURES, etiology/ SUBARACHNOID HEMORRHAGE, etiology

5534. **Nath K, Jain SC, Sikka KK, et al:** A study of the role of normal liver in blood fibrinolysis in man.
J Assoc Physicians India 19:619-21, Sep 71
ADOLESCENCE/ ADULT/ FEMALE/ FEMORAL ARTERY/ *FIBRINOLYSIS/ HEART ATRIUM/ HEPATIC VEINS/ HUMAN/ *LIVER, physiology/ MALE/ MIDDLE AGE/ VENA CAVA, INFERIOR/ VENA CAVA, SUPERIOR

5535. **Nath RL, Roy AK:** Determination of cholesterol in stored blood. Bull Calcutta Sch Trop Med 19:45, Apr 71
*BLOOD PRESERVATION/ *CHOLESTEROL, blood/ FLUORIDES/ HUMAN/ METHODS/ OXALATES/ TEMPERATURE/ TIME FACTORS

5536. **Nathanson BN:** The postabortal pain syndrome: a new entity. Obstet Gynecol 41:739-42, May 73
ABDOMEN/ *ABORTION, complications/ ADOLESCENCE/ ADULT/ BLOOD COAGULATION DISORDERS, etiology/ FEMALE/ HUMAN/ PAIN/ SYNCOPE, etiology

5537. **Natvig JB, Gaarder PI, Turner MW:** IgG antigens of the C gamma 2 and C gamma 3 homology regions interacting with rheumatoid factors.
Clin Exp Immunol 12:177-84, Oct 72
ANTIBODY SPECIFICITY/ ANTIGEN-ANTIBODY COMPLEX/ *ANTIGEN-ANTIBODY REACTIONS/ BINDING SITES, ANTIBODY/ CHYMOTRYPSIN/ COMPLEMENT/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ *IGG/ IMMUNOGLOBULINS, FAB/ *IMMUNOGLOBULINS, FC/ PAPAIN/ *RHEUMATOID FACTOR/ TRYPSIN

5538. **Naveh Y, Tatarsky I, Friedman A:** Disseminated intravascular coagulation complicating chickenpox.
Helv Paediatr Acta 27:193-6, Jun 72
BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ *CHICKENPOX, complications/ CHILD/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HEPARIN, therapeutic use/ HUMAN/ MALE

5539. **Nawrocka-Kańska B, Jaśkiewicz T, Jaśkiewicz J, et al:** Zaburzenia czynności płytek krwi w małopłytkowościach.
Folia Med Cracov 15:127-30, 1973 (Pol)
*BLOOD PLATELET DISORDERS, blood/ BLOOD PLATELET DISORDERS, diagnosis/ CHILD/ FEMALE/ HUMAN/ *THROMBOPENIA, blood/ THROMBOPENIA, diagnosis

5540. **Nazarova GG, Fomina LS:** Vliianie mineralokortikoidov na vneshnesekretournuiu funktsiiu podzheludochnoi zhelezy.
Probl Endokrinol (Mosk) 19:78-81, May-Jun 73 (Rus)
AMYLASE, analysis/ ANIMAL EXPERIMENTS/ DESOXYCORTICOSTERONE, pharmacodynamics/ DOGS/ ENGLISH ABSTRACT/ FEMALE/ HYDROGEN-ION CONCENTRATION/ LIPASE, analysis/ MALE/ *MINERALOCORTICOIDS, pharmacodynamics/

*PANCREAS, drug effects/ PANCREAS, secretion/ PANCREATIC JUICE, analysis/ *PANCREATIC JUICE, secretion/ PEPTIDE HYDROLASES, analysis/ SECRETORY RATE, drug effects/ TIME FACTORS/ TRYPSIN, analysis/ TRYPSIN INHIBITORS, analysis

5541. **Neal JD:** Microbial culture media preparation.
Lab Pract 22:477-9 passim, Jul 73
AGAR, standards/ BLOOD PRESERVATION/ CARBOHYDRATES, standards/ *CULTURE MEDIA/ GELATIN, standards/ HORSES/ HUMAN/ HYDROGEN-ION CONCENTRATION/ PEPTONES, standards/ QUALITY CONTROL/ SHEEP/ SOLUBILITY/ SPECIMEN HANDLING/ STERILIZATION

5542. **Neame PB:** Disseminated intravascular platelet aggregation in thrombotic thrombocytopenic purpura. Lancet 1:1320-1, 9 Jun 73
*BLOOD PLATELETS/ DIAGNOSIS, DIFFERENTIAL/ *DISSEMINATED INTRAVASCULAR COAGULATION, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ HUMAN/ *PURPURA, THROMBOTIC THROMBOPENIC, blood/ PURPURA, THROMBOTIC THROMBOPENIC, diagnosis

5543. **Nebert DW, Friedman RM:** Stimulation of aryl hydrocarbon hydroxylase induction in cell cultures by interferon. J Virol 11:193-7, Feb 73
BENZANTHRACENES, pharmacodynamics/ CELL LINE/ CELLS, CULTURED/ ENZYME ACTIVATION/ *ENZYME INDUCTION, drug effects/ HEAT/ *HYDROXYLASES, biosynthesis/ HYDROXYLASES, metabolism/ *INTERFERON, pharmacodynamics/ LIVER/ MICE/ PLAQUE ASSAY/ RATS/ SPECIES SPECIFICITY/ STIMULATION, CHEMICAL/ TIME FACTORS/ TRYPSIN, pharmacodynamics/ VESICULAR STOMATITIS VIRUS, drug effects/ VESICULAR STOMATITIS VIRUS, growth & development

5544. **Nečas E:** Vyznam změn afinity krve ke kyslíku pro udržení homeostasy vnitřního prostředí.
Cesk Fysiol 21:401-30, 1972 **(Cze)**
BLOOD PRESERVATION/ ERYTHROPOIESIS/ HEMOGLOBIN/ HEMOGLOBINS, ABNORMAL/ *HOMEOSTASIS/ HUMAN/ *OXYGEN, blood/ *OXYGEN CONSUMPTION/ PROTEIN BINDING

5545. **Neef H, Preusser KP:** Dringlichkeit und Führung der Thromboembolieprophylaxe in der Chirurgie.
Zentralbl Chir 98:81-9, 19 Jan 73 (17 ref.) **(Ger)**
ANTICOAGULANTS, therapeutic use/ ASPIRIN, therapeutic use/ BLOOD CIRCULATION/ BLOOD PLATELETS/ HEPARIN, therapeutic use/ HUMAN/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, prevention & control/ REVIEW/ THROMBOEMBOLISM, etiology/ *THROMBOEMBOLISM, prevention & control/ THROMBOSIS, diagnosis/ THROMBOSIS, drug therapy/ THROMBOSIS, prevention & control

5546. **Neely MR, Elkady AA:** Modified technique of puerperal laparoscopic sterilization.
J Obstet Gynaecol Br Commonw 79:1025-7, Nov 72
FEMALE/ HEMATOMA, complications/ HUMAN/ HYPOTENSION, complications/ *LAPAROSCOPY/ LAPAROSCOPY, adverse effects/ LENGTH OF STAY/ METHODS/ *PUERPERIUM/ *STERILIZATION, SEXUAL/ UTERUS, surgery

5547. **Neff JM, Dorst JP, Spear GS:** Rapid death in childhood.
J Pediatr 83:679-84, Oct 73
ADRENAL GLANDS, pathology/ CASE REPORT/ DIPLOCOCCUS PNEUMONIAE/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ *DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ FEMALE/ HEMOSIDERIN/ HUMAN/ INFANT/ LYMPH NODES, pathology/ MENINGITIS, HAEMOPHILUS, diagnosis/ NEISSERIA MENINGITIDIS/ PNEUMOCOCCAL INFECTIONS, diagnosis/ *PNEUMOCOCCAL INFECTIONS, pathology/ PNEUMONIA, STAPHYLOCOCCAL, diagnosis/ SPLEEN, pathology/ SPLENIC DISEASES, diagnosis/ *SPLENIC DISEASES, pathology/ WATERHOUSE-FRIDERICHSEN SYNDROME, diagnosis/ *WATERHOUSE-FRIDERICHSEN SYNDROME, pathology

5548. **Negura-Marderos A, Ardeleanu D:** The value of different hemostats applied to the hard bleeding edges of the uterine wound in caesarean sections appraised by comparative hysterographic study.
Rev Med Chir Soc Med Nat Iasi 76:419-22, Apr-Jun 72
ADULT/ *CESAREAN SECTION/ FEMALE/ *HEMORRHAGE, prevention & control/ *HEMOSTASIS/ HEMOSTASIS, instrumentation/ HUMAN/ HYSTEROSALPINGOGRAPHY/ METHODS/ POSTOPERATIVE CARE/ PREGNANCY

5549. **Negus D:** The diagnosis of deep-vein thrombosis.
Br J Surg 59:830-4, Oct 72
ADULT/ BLOOD FLOW VELOCITY/ FEMALE/ FEMORAL VEIN/ FIBRINOGEN, metabolism/ HUMAN/ ILIAC VEIN/ IODINE ISOTOPES, DIAGNOSTIC/ MIDDLE AGE/ PHLEBOGRAPHY/ REGIONAL BLOOD FLOW/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, radiography/ ULTRASONICS, diagnostic use

5550. **Nehili J, Le Besnerais Y, Loutre JC, et al:** Hématome extra-dural cervical traumatique et ischémie médullaire. Rev Neurol (Paris) 127:371-5, Sep 72 **(Fre)**
ACCIDENTS, TRAFFIC/ ADOLESCENCE/ ANGIOGRAPHY/ ARM/ ELECTROMYOGRAPHY/ *HEMATOMA, complications/ HEMATOMA, etiology/ HEMATOMA, surgery/ HUMAN/ ISCHEMIA, complications/ ISCHEMIA, etiology/ LAMINECTOMY/ MALE/ *MEDULLA OBLONGATA, blood supply/ *NECK/ *PARALYSIS, etiology/ *SPINAL CORD INJURIES, complications

5551. **Neifakh SA, Vasilets IM, Shavlovskii MM:** Molecular pathology of ceruloplasmin.
Mol Biol 5:739-42, Nov-Dec 71
ANILINE COMPOUNDS/ ANTIBODY SPECIFICITY/ BINDING SITES/ *CERULOPLASMIN, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN LAYER/ COPPER, analysis/ ELECTROPHORESIS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HEPATOLENTICULAR DEGENERATION, blood/ HUMAN/ IMMUNE SERUMS/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ PROTEIN BINDING/ PROTEIN CONFORMATION/ RABBITS, immunology/ TRYPSIN

5552. **Neifakh SA, Vasiletz IM, Shavlovsky MM:** Molecular pathology of ceruloplasmin.
Biochem Genet 6:231-8, Apr 72
CERULOPLASMIN, analysis/ CERULOPLASMIN, isolation & purification/ CERULOPLASMIN, metabolism/ CHROMATOGRAPHY/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN LAYER/ COPPER/ ELECTROPHORESIS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ GEL DIFFUSION TESTS/ GEL FILTRATION/ *HEPATOLENTICULAR DEGENERATION, metabolism/ HOMOZYGOTE/ HUMAN/ HYDROXYAPATITE/ MALE/ PEPTIDES, isolation & purification/ PROTEIN BINDING/ RABBITS, immunology/ SPECTROPHOTOMETRY/ TRYPSIN/ ULTRACENTRIFUGATION

5553. **Nelemans FA:** Report on a double-blind investigation into the influence of -pyridyl-carbinol on the cholesterol level of the blood.
Arzneim Forsch 22:1410-3, Aug 72
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ ALCOHOL, METHYL/

ANTICHOLESTEREMIC AGENTS, administration & dosage/ ANTICHOLESTEREMIC AGENTS, adverse effects/ *ANTICHOLESTEREMIC AGENTS, therapeutic use/ *CHOLESTEROL, blood/ CLINICAL RESEARCH/ DIET, ATHEROGENIC/ FEMALE/ HUMAN/ *HYPERCHOLESTEREMIA, drug therapy/ HYPERCHOLESTEREMIA, familial & genetic/ MALE/ MIDDLE AGE/ PILOT PROJECTS/ PLACEBOS/ PYRIDINES, administration & dosage/ PYRIDINES, adverse effects/ *PYRIDINES, therapeutic use/ SEX FACTORS

5554. **Nelsestuen GL, Suttie JW:** The carbohydrate of bovine prothrombin. Partial structural determination demonstrating the presence of -galactose residues.
J Biol Chem 247:6096-102, 10 Oct 72
AMINO ACIDS, analysis/ ASPARAGINE/ *CARBOHYDRATES, analysis/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ ESCHERICHIA COLI, enzymology/ *GALACTOSE, analysis/ GALACTOSIDASE/ GEL FILTRATION/ GLUCOSAMINE, analysis/ GLUCOSAMINIDASE/ GLYCOPEPTIDES, analysis/ GLYCOPEPTIDES, isolation & purification/ GLYCOSIDE HYDROLASES/ MANNOSE/ MANNOSE, analysis/ MOLECULAR CONFORMATION/ NEURAMINIC ACIDS, analysis/ PEPTIDE HYDROLASES/ PLANTS, enzymology/ *PROTHROMBIN, analysis/ PROTHROMBIN, isolation & purification/ STEREOISOMERS/ STREPTOMYCES GRISEUS, enzymology

5555. **Nelsestuen GL, Suttie JW:** The purification and properties of an abnormal prothrombin protein produced by dicumarol-treated cows. A comparison to normal prothrombin.
J Biol Chem 247:8176-82, 25 Dec 72
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BINDING SITES/ *BISHYDROXYCOUMARIN/ BLOOD COAGULATION DISORDERS, chemically induced/ *BLOOD COAGULATION DISORDERS, enzymology/ CALCIUM/ CARBOHYDRATES, analysis/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, DISK/ ENZYME ACTIVATION/ FACTOR X/ FEMALE/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ PRECIPITIN TESTS/ PROTHROMBIN, analysis/ *PROTHROMBIN, isolation & purification/ RABBITS, immunology/ SNAKES/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPSIN/ VENOMS/ VITAMIN K, physiology

5556. **Nelsestuen GL, Suttie JW:** Mode of action of vitamin K. Calcium binding properties of bovine prothrombin.
Biochemistry 11:4961-4, 19 Dec 72
ANIMAL EXPERIMENTS/ BARIUM/ BINDING SITES/ BISHYDROXYCOUMARIN, pharmacodynamics/ *CALCIUM/ CALCIUM ISOTOPES/ CATTLE/ CHEMISTRY/ CITRATES/ DISULFIDES/ FEMALE/ HYDROGEN-ION CONCENTRATION/ MACROMOLECULAR SYSTEMS/ OSMOLAR CONCENTRATION/ OXIDATION-REDUCTION/ PROTEIN BINDING/ PROTEIN CONFORMATION/ *PROTHROMBIN/ ULTRAFILTRATION/ UREA/ *VITAMIN K

5557. **Nelson N, Nelson H, Racker E:** Partial resolution of the enzymes catalyzing photophosphorylation. XII. Purification and properties of an inhibitor isolated from chloroplast coupling factor 1.
J Biol Chem 247:7657-62, 10 Dec 72
*ADENOSINE TRIPHOSPHATASE, antagonists & inhibitors/ ALCOHOL, ETHYL/ AMINO ACIDS, analysis/ ANTIBODIES/ CALCIUM/ *CHLOROPLASTS, analysis/ CHLOROPLASTS, enzymology/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DRUG STABILITY/ ENERGY TRANSFER/ HEAT/ MACROMOLECULAR SYSTEMS/ MAGNESIUM/ MITOCHONDRIA, enzymology/ MOLECULAR WEIGHT/ *OXIDATIVE PHOSPHORYLATION/ OXIDATIVE PHOSPHORYLATION COUPLING FACTORS, analysis/ PHOTOPHOSPHORYLATION/ PLANT PROTEINS, analysis/ *PLANT PROTEINS, isolation & purification/ PLANTS, cytology/ SODIUM DODECYL SULFATE/ SOLUBILITY/ TRYPSIN/ UREA

5558. **Nemerson Y:** Diagnosis of hemorrhagic disorders.
Med Clin North Am 57:531-41, Mar 73 (30 ref.)
BLOOD COAGULATION/ BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION DISORDERS, congenital/ *BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION DISORDERS, immunology/ BLOOD COAGULATION TESTS/ CALCIUM, metabolism/ FACTOR V, metabolism/ FACTOR VIII, metabolism/ FACTOR IX, metabolism/ FACTOR X, metabolism/ FACTOR XII, metabolism/ FIBRIN, metabolism/ FIBRINOGEN, analysis/ HUMAN/ LIVER DISEASES, complications/ PHOSPHOLIPIDS, metabolism/ PROTHROMBIN, metabolism/ PROTHROMBIN TIME/ REVIEW/ THROMBOPLASTIN/ VITAMIN K DEFICIENCY, complications

5559. **Nemerson Y, Esnouf MP:** Activation of a proteolytic system by a membrane lipoprotein: mechanism of action of tissue factor.
Proc Natl Acad Sci USA 70:310-4, Feb 73
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ BRAIN CHEMISTRY/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, DISK/ ENZYME ACTIVATION/ FACTOR VII, isolation & purification/ *FACTOR VII, metabolism/ HYDROLYSIS/ ISOFLUROPHATE, pharmacodynamics/ *LIPOPROTEINS, metabolism/ MOLECULAR WEIGHT/ PHOSPHORUS ISOTOPES/ PROTEIN BINDING/ PROTEIN BINDING, drug effects/ SODIUM DODECYL SULFATE/ TISSUE EXTRACTS

5560. **Nemerson Y, Pitlick FA:** The tissue factor pathway of blood coagulation.
Prog Hemostasis Thromb 1:1-37, 1972 (171 ref.)
AMINO ACIDS, analysis/ AORTA/ *BLOOD COAGULATION/ BLOOD COAGULATION FACTORS/ BLOOD PLATELETS, physiology/ BLOOD PROTEINS/ ENZYME ACTIVATION/ EPITHELIUM, physiology/ FACTOR VII/ FACTOR VIII, metabolism/ FIBRIN, metabolism/ HUMAN/ INTRINSIC FACTOR/ ISOFLUROPHATE, pharmacodynamics/ LIVER/ MICROSCOPY, ELECTRON/ PEPTIDE CHAIN TERMINATION/ PEPTIDE HYDROLASES/ PROTHROMBIN, physiology/ REVIEW/ THROMBIN, analysis/ THROMBIN, metabolism

5561. **Nemir P Jr, Hamilton WM, Brody JI:** Intravenou cyproheptadine hydrochloride in the treatment o pulmonary embolism: an experimental study.
Surgery 72:920-32, Dec 72
ANIMAL EXPERIMENTS/ BLOOD COAGULATION FACTORS/ BLOOD PLATELETS, drug effects/ BLOOD PRESSURE, drug effects/ CARDIOLOGY, instrumentation/ CELL AGGREGATION, drug effects/ CYPROHEPTADINE, administration & dosage/ CYPROHEPTADINE, pharmacodynamics/ *CYPROHEPTADINE, therapeutic use/ DISEASE MODELS, ANIMAL DOGS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HYPERTENSION, chemically induced/ HYPERTENSION, PULMONARY, chemically induced/ LUNG/ *PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, etiology/ SEROTONIN, pharmacodynamics/ TIME FACTORS/ TISSUE EXTRACTS, pharmacodynamics

5562. **Nenning K:** Erkrankungen durch Arzneimittel i Mund- und Kieferbereich.
Dtsch Stomatol 22:897-903, Nov 72 (Ge
ADULT/ AGED/ AGRANULOCYTOSIS, chemically induced/ *AMINOPYRINE, adverse

effects/ ANTINEOPLASTIC AGENTS, adverse effects/ DENTIN, metabolism/ *DRUG HYPERSENSITIVITY/ ENGLISH ABSTRACT/ FEMALE/ GINGIVAL HYPERPLASIA, chemically induced/ HUMAN/ *HYDANTOINS, adverse effects/ MONILIASIS, ORAL, chemically induced/ MOUTH, microbiology/ *MOUTH DISEASES, chemically induced/ MOUTH MUCOSA, drug effects/ NECROSIS/ PALATE/ *PENICILLIN, adverse effects/ *PHENYLBUTAZONE, adverse effects/ *TETRACYCLINE, adverse effects/ TETRACYCLINE, metabolism/ THROMBOPENIA, chemically induced

5563. Nepokoĭchitskiĭ EO: Sostoianie tonkoĭ kishki posle intestinoplikatsii.
Khirurgiia (Mosk) 48:81-4, Oct 72 (Rus)
*ADHESIONS, prevention & control/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *INTESTINAL DISEASES, surgery/ METHODS/ *POSTOPERATIVE COMPLICATIONS, prevention & control

5564. Nerem RM: Vibration-induced arterial shear stress: the relationship to Raynaud's phenomenon.
Arch Environ Health 26:105-10, Mar 73
ANIMAL EXPERIMENTS/ ARTERIES, metabolism/ *ARTERIES, physiology/ BLOOD FLOW VELOCITY/ BLOOD VISCOSITY/ CHOLESTEROL, metabolism/ DOGS/ ENDOTHELIUM, physiology/ ENVIRONMENTAL EXPOSURE/ HUMAN/ MATHEMATICS/ *OCCUPATIONAL DISEASES, etiology/ PRESSURE/ *RAYNAUD'S DISEASE, etiology/ *RHEOLOGY/ SERUM ALBUMIN, metabolism/ *VIBRATION, adverse effects

5565. Nermut MV: Further investigation on the fine structure of influenza virus.
J Gen Virol 17:317-31, Dec 72
ALCOHOL, METHYL, pharmacodynamics/ BROMELAINS, pharmacodynamics/ CENTRIFUGATION, DENSITY GRADIENT/ CHLOROFORM, pharmacodynamics/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *INFLUENZA VIRUSES/ INFLUENZA VIRUSES, drug effects/ MICROSCOPY, ELECTRON/ MODELS, BIOLOGICAL/ *NUCLEOPROTEINS/ PHOSPHOLIPASE, pharmacodynamics/ SAPONINS, pharmacodynamics/ SNAKES/ STAINS AND STAINING/ SURFACE-ACTIVE AGENTS, pharmacodynamics/ TRYPSIN, pharmacodynamics/ VENOMS/ *VIRAL PROTEINS

5566. Nervia F, Kudela M: Ovarialvenenthrombose im Wochenbett.
Zentralbl Gynaekol 14:1403-5, 21 Oct 72 (Ger)
ADULT/ APPENDICITIS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ETHYL BISCOUMACETATE, therapeutic use/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ *OVARIAN DISEASES, etiology/ PREGNANCY/ *PUERPERAL DISORDERS, complications/ PUERPERAL DISORDERS, diagnosis/ PUERPERAL DISORDERS, drug therapy/ PUERPERAL DISORDERS, surgery/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, drug therapy/ *THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, surgery/ VENA CAVA, INFERIOR

5567. Nesbitt MN, Francke U: A system of nomenclature for band patterns of mouse chromosomes.
Chromosoma 41:145-58, 1973
ANIMAL EXPERIMENTS/ CHROMOSOME ABERRATIONS/ CHROMOSOME MAPPING/ *CHROMOSOMES/ CHYMOTRYPSIN/ CYTOGENETICS/ GENES/ KARYOTYPING/ MICE/ NOMENCLATURE/ QUINACRINE/ STAINS AND STAINING/ TRYPSIN

5568. Nesterenko VS, Bandurko LN, Cherkasov VF, et al: Izmenenie radiatsionnogo porazheniia kishechnika pod vliianiem tsitrata natriia i geparina.
Radiobiologiia 13:280-3, Mar-Apr 73 (Rus)
ANIMAL EXPERIMENTS/ CITRATES, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ *HEPARIN, therapeutic use/ INTESTINE, SMALL, drug effects/ *INTESTINE, SMALL, radiation effects/ MALE/ MICE/ *RADIATION INJURIES, EXPERIMENTAL, drug therapy/ *SODIUM, therapeutic use

5569. Neubauer I: Familiaert emphysema pulmonum med nedsat koncentration af alfa-1-antitrypsin i serum.
Ugeskr Laeger 134:1335-7, 19 Jun 72 (Dan)
ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LUNG DISEASES, OBSTRUCTIVE, familial & genetic/ MALE/ MIDDLE AGE/ PULMONARY EMPHYSEMA, blood/ *PULMONARY EMPHYSEMA, familial & genetic/ SOCIOECONOMIC FACTORS/ *TRYPSIN INHIBITORS, blood

5570. Neucere NJ, Hensarling T: Immunochemical-cytological study of proteins from partially defatted peanuts.
J Agric Food Chem 21:192-5, Mar-Apr 73
FOOD-PROCESSING INDUSTRY/ IMMUNOELECTROPHORESIS/ *PEANUTS/ *PLANT PROTEINS/ TRYPSIN INHIBITORS, analysis

5571. Neujahr HY, Logardt IM: Autolytic enzyme system from Lactobacillus fermenti.
Biochemistry 12:2578-83, 3 Jul 73
AMIDOHYDROLASES, metabolism/ AMINES, analysis/ *AUTOLYSIS, enzymology/ BOROHYDRIDES/ CELL DIVISION/ CELL WALL, drug effects/ CELL WALL, metabolism/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ HEAT/ HEXOSAMINES, analysis/ HYDROGEN-ION CONCENTRATION/ LACTOBACILLUS, cytology/ *LACTOBACILLUS, enzymology/ MURAMIDASE, metabolism/ MURAMIDASE, pharmacodynamics/ OSMOLAR CONCENTRATION/ PROTEIN DENATURATION/ SOLUBILITY/ SPECTROPHOTOMETRY/ SUBTILISINS, pharmacodynamics/ SUCROSE, pharmacodynamics/ TIME FACTORS/ TRITIUM/ TRYPSIN, pharmacodynamics

5572. Neumann L: Langzeitbehandlung von Gefässpermeabilitätsstörungen mit Anthocyanosiden.
Munch Med Wochenschr 115:952-4, 18 May 73 (Ger)
ADULT/ AGED/ ANTHOCYANINS, administration & dosage/ *ANTHOCYANINS, therapeutic use/ ANTICOAGULANTS, adverse effects/ ARTERIOSCLEROSIS, drug therapy/ CAPILLARY PERMEABILITY, drug effects/ DIABETIC ANGIOPATHIES, drug therapy/ DIABETIC RETINOPATHY, drug therapy/ HUMAN/ HYPERTENSION, complications/ MIDDLE AGE/ *RETINAL DISEASES, drug therapy/ RETINAL HEMORRHAGE, drug therapy/ *RETINAL VESSELS/ VASCULAR DISEASES, drug therapy

5573. Neumayer E: Zur Klinik der chronischen zerebrovaskulären Insuffizienz.
Ther Ggw 112:26-41, Jan 73 (Ger)
*CEREBROVASCULAR DISORDERS/ CEREBROVASCULAR DISORDERS, diagnosis/ CEREBROVASCULAR DISORDERS, drug therapy/ CHRONIC DISEASE/ DEXTRAN, therapeutic use/ HUMAN/ STREPTOKINASE, therapeutic use/ STROPHANTHIN, therapeutic use

5574. Neuschatz J, Crosby WH: The prevention of postoperative thrombosis--a simple, safe approach.
Arch Intern Med 130:966-7, Dec 72
*ANTICOAGULANTS, administration & dosage/ HUMAN/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOPHLEBITIS, prevention & control/ *THROMBOSIS, prevention & control

5575. Neuschatz J, Necheles TF: Hemophilia B in a phenotypically normal girl with XX (ring) XO mosaicism. Acta Haematol (Basel) 49:108-13, 1973
BLOOD COAGULATION TESTS/ CHILD,

PRESCHOOL/ *CHRISTMAS DISEASE, familial & genetic/ CHROMOSOME ABERRATIONS/ CHROMOSOMES, HUMAN, 6-12/ FACTOR IX, analysis/ FEMALE/ GENES, RECESSIVE/ HUMAN/ KARYOTYPING/ *MOSAICISM/ PHENOTYPE/ *SEX CHROMOSOMES/ TURNER'S SYNDROME, blood

5576. **Neveu J, Vincens L, Chanal M:** Résultats de notre technique d'hémostase dans l'adénomectomie prostatique. Statistique de 500 cas.
J Urol Nephrol (Paris) 78:472-4, Jun 72 (Fre)
AGED/ *HEMORRHAGE, prevention & control/ *HEMOSTASIS/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *PROSTATECTOMY/ PROSTATECTOMY, mortality/ *PROSTATIC HYPERTROPHY, surgery

5577. **Newman PH:** Surgical treatment for derangement of the lumbar spine.
J Bone Joint Surg [Br] 55:7-19, Feb 73
ADOLESCENCE/ ADULT/ BONE DISEASES, DEVELOPMENTAL, surgery/ CHILD/ FEMALE/ FENESTRATION/ HUMAN/ INTERVERTEBRAL DISK DISPLACEMENT, drug therapy/ *INTERVERTEBRAL DISK DISPLACEMENT, surgery/ LAMINECTOMY/ *LUMBAR VERTEBRAE, surgery/ MALE/ MIDDLE AGE/ NERVE COMPRESSION SYNDROMES, surgery/ PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ *SPINAL DISEASES, surgery/ SPINAL FUSION/ SPINAL NERVE ROOTS/ SPONDYLITIS, ANKYLOSING, surgery/ SPONDYLOLISTHESIS, congenital/ *SPONDYLOLISTHESIS, surgery

5578. **Newman TL, Low FN:** The effect of enzymes on extracellular connective tissue components in the developing chick aorta. Am J Anat 136:407-25, Apr 73
AMYLASE/ ANIMAL EXPERIMENTS/ *AORTA, cytology/ CHICK EMBRYO/ CHYMOTRYPSIN/ CLOSTRIDIOPEPTIDASE A/ *CONNECTIVE TISSUE CELLS, cytology/ *CYTOLOGICAL TECHNICS/ ELASTIC TISSUE, cytology/ GLUCURONIDASE/ HYALURONIDASE/ METHODS/ MICROSCOPY, ELECTRON/ PANCREATOPEPTIDASE/ TIME FACTORS/ TRYPSIN

5579. **Newsome TW, Eurenius K:** Suppression of granulocyte and platelet production by pseudomonas burn wound infection. Surg Gynecol Obstet 136:375-9, Mar 73
*AGRANULOCYTOSIS, etiology/ ANIMAL EXPERIMENTS/ BASOPHILS/ BLOOD CELL COUNT/ BONE MARROW EXAMINATION/ *BURNS, complications/ BURNS, mortality/ CELL SURVIVAL/ CHROMIUM ISOTOPES/ EOSINOPHILS/ HEMATOCRIT/ KIDNEY, metabolism/ LIVER, metabolism/ LUNG, metabolism/ LYMPHOCYTES/ MALE/ MONOCYTES/ *PSEUDOMONAS AERUGINOSA/ *PSEUDOMONAS INFECTIONS, complications/ PSEUDOMONAS INFECTIONS, mortality/ RATS/ RESPIRATORY TRACT INFECTIONS, etiology/ SPLEEN, metabolism/ *THROMBOPENIA, etiology/ WOUND INFECTION, complications

5580. **Newson AJ:** Malignant hyperthermia: current trends in treatment. NZ Med J 77:81-3, Feb 73
ACIDOSIS, drug therapy/ BICARBONATES, therapeutic use/ CREATINE KINASE, blood/ CRYOTHERAPY/ ENZYME TESTS/ HUMAN/ HYPERKALEMIA, therapy/ MALIGNANT HYPERTHERMIA, diagnosis/ MALIGNANT HYPERTHERMIA, drug therapy/ MALIGNANT HYPERTHERMIA, familial & genetic/ MALIGNANT HYPERTHERMIA, prevention & control/ *MALIGNANT HYPERTHERMIA, therapy/ MUSCLE RIGIDITY, drug therapy/ MUSCULOSKELETAL SYSTEM, abnormalities/ MYOGLOBIN, blood/ PROCAINE AMIDE, administration & dosage/ PROCAINE AMIDE, therapeutic use/ SUCCINYLCHOLINE, adverse effects/ THROMBOPLASTIN

5581. **Niarchos AP, McKendrick CS:** Prognosis of pericarditis after acute myocardial infarction.
Br Heart J 35:49-54, Jan 73
ACUTE DISEASE/ ANTICOAGULANTS, adverse effects/ ARRHYTHMIA, complications/ ASPARTATE AMINOTRANSFERASE, blood/ AUTOPSY/ BLOOD SEDIMENTATION/ ELECTROCARDIOGRAPHY/ HEART BLOCK, complications/ HEART ENLARGEMENT, radiography/ HEART FAILURE, CONGESTIVE, complications/ HUMAN/ MYOCARDIAL INFARCT, blood/ *MYOCARDIAL INFARCT, complications/ MYOCARDIAL INFARCT, mortality/ PERICARDIAL EFFUSION, chemically induced/ PERICARDITIS, blood/ *PERICARDITIS, complications/ PROGNOSIS/ SHOCK, CARDIOGENIC, complications

5582. **Nicard P, Fellus P, Doyon D:** Cas du mois.
J Radiol Electrol Med Nucl 53:814 passim, Nov 72 (Fre)
ADHESIONS/ AGED/ *BILIARY FISTULA, radiography/ BILIARY FISTULA, surgery/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *GALLBLADDER DISEASES, radiography/ GALLBLADDER DISEASES, surgery/ *GASTRIC FISTULA, radiography/ GASTRIC FISTULA, surgery/ HUMAN/ PYLORIC ANTRUM, radiography

5583. **Nicholls DG, Hampton JR:** Density gradient separation of human platelets from plasma and the role of plasma in adenosine diphosphate induced platelet electrophoretic mobility changes.
Thromb Diath Haemorrh 27:425-33, 31 Jul 72
*ADENOSINE DIPHOSPHATE, pharmacodynamics/ BLOOD PLATELETS, drug effects/ CALCIUM, pharmacodynamics/ CENTRIFUGATION, DENSITY GRADIENT/ ELECTROPHORESIS/ FIBRINOGEN, pharmacodynamics/ HUMAN/ LECITHINS, pharmacodynamics/ MYOCARDIAL INFARCT, blood/ PLASMA/ *PLATELET ADHESIVENESS, drug effects

5584. **Nicolaides A, Irving D, Pretzell M, et al:** The risk of deep-vein thrombosis in surgical patients.
Br J Surg 60:312, Apr 73
AGE FACTORS/ FIBRINOGEN, diagnostic use/ HUMAN/ IODINE ISOTOPES/ *POSTOPERATIVE COMPLICATIONS/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, occurrence

5585. **Nicolaides AN:** Prevention of deep vein thrombosis.
Geriatrics 28:69-77, Feb 73
ANTICOAGULANTS, therapeutic use/ CLOTHING/ EXERCISE THERAPY/ FEMORAL VEIN/ FIBRINOGEN, diagnostic use/ HEPARIN, therapeutic use/ HUMAN/ ILIAC VEIN/ IODINE ISOTOPES/ LEG, blood supply/ POPLITEAL VEIN/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PRESSURE/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, prevention & control/ TIME FACTORS

5586. **Nicolaides AN, Clark CT, Thomas RD, et al:** Soleal veins and local fibrinolytic activity. Br J Surg 59:914, Nov 72
FEMORAL VEIN/ *FIBRINOLYSIS/ HUMAN/ POPLITEAL VEIN/ POSTOPERATIVE COMPLICATIONS, etiology/ *THROMBOPHLEBITIS, etiology/ TIME FACTORS/ VEINS, physiology

5587. **Nicolaides AN, Dupont P, Douglas N, et al:** Small doses of subcutaneous heparin preventing deep-vein thrombosis in major surgery. Br J Surg 59:914, Nov 72
ADULT/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ THORACIC DISEASES, surgery/ *THROMBOPHLEBITIS, prevention & control

5588. **Nicolaides AN, Dupont PA, Desai S, et al:** Small doses of subcutaneous sodium heparin in preventing deep venous thrombosis after major surgery.
Lancet 2:890-3, 28 Oct 72
AGED/ FACTOR X, metabolism/

FIBRINOGEN, diagnostic use/ *HEPARIN, administration & dosage/ HEPARIN, metabolism/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ IODINE ISOTOPES, DIAGNOSTIC/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, prevention & control/ SODIUM, administration & dosage/ *THROMBOPHLEBITIS, prevention & control/ TIME FACTORS

5589. **Nicolaides AN, Kakkar VV, Field ES, et al:** Venous stasis and deep-vein thrombosis.
Br J Surg 59:713-7, Sep 72
ELECTRIC STIMULATION/ FIBRINOGEN, diagnostic use/ FOOT, physiology/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ *LEG, blood supply/ MALE/ METHODS/ PHLEBOGRAPHY/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ POSTURE/ REGIONAL BLOOD FLOW/ *THROMBOPHLEBITIS, prevention & control/ VEINS

5590. **Nicolaides AN, Kakkar VV, Field ES, et al:** Optimal electrical stimulus for prevention of deep vein thrombosis. Br Med J 3:756-8, 23 Sep 72
ADULT/ *ELECTROSHOCK/ FIBRINOGEN, diagnostic use/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ LEG, blood supply/ MUSCLES/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, prevention & control

5591. **Nicolas JC, Harris JI:** Human placental 17 -oestradiol dehydrogenase. Sequence of a tryptic peptide containing an essential cysteine.
FEBS Lett 29:173-6, 15 Jan 73
ALKYLATION/ AMINO ACIDS, analysis/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ CYSTEINE/ ELECTROPHORESIS, PAPER/ ETHYLMALEIMIDE/ FEMALE/ GEL FILTRATION/ HUMAN/ *HYDROXYSTEROID DEHYDROGENASE, analysis/ IODOACETATES/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ *PLACENTA, enzymology/ PREGNANCY/ TRYPSIN

5592. **Nicolson GL:** Anionic sites of human erythrocyte membranes. I. Effects of trypsin, phospholipase C, and pH on the topography of bound positively charged colloidal particles. J Cell Biol 57:373-87, May 73
ALDEHYDES/ BINDING SITES/ CELL MEMBRANE, analysis/ *CELL MEMBRANE, drug effects/ COLLOIDS/ *ERYTHROCYTES, drug effects/ EVALUATION STUDIES/ HISTOCYTOCHEMISTRY/ HISTOLOGICAL TECHNICS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYDROXIDES, isolation & purification/ IRON, isolation & purification/ ISOTOPE LABELING/ MICROSCOPY, ELECTRON/ MICROSCOPY, PHASE CONTRAST/ NEURAMINIC ACIDS, isolation & purification/ *PHOSPHOLIPASE, pharmacodynamics/ STAINS AND STAINING/ *TRYPSIN, pharmacodynamics

5593. **Nicolson GL:** Topography of membrane concanavalin A sites modified by proteolysis.
Nature [New Biol] 239:193-7, 18 Oct 72
*AGGLUTINATION, drug effects/ *BINDING SITES, drug effects/ CELL MEMBRANE, drug effects/ CELLS, CULTURED/ CONCANAVALIN A, metabolism/ FERRITIN, metabolism/ FIBROBLASTS/ MICE/ *PHYTOMITOGENS, metabolism/ *PLANT AGGLUTININS, metabolism/ PROTEIN BINDING/ *TRYPSIN, pharmacodynamics

5594. **Nicolson GL:** Neuraminidase "unmasking" and failure of trypsin to "unmask" -D-galactose-like sites on erythrocyte, lymphoma, and normal and virus-transformed fibroblast cell membranes.
J Natl Cancer Inst 50:1443-51, Jun 73
AGGLUTINATION TESTS/ ANIMAL EXPERIMENTS/ BINDING SITES/ CELL MEMBRANE, drug effects/ CELLS, CULTURED/ CLOSTRIDIUM PERFRINGENS, enzymology/ *ERYTHROCYTES, drug effects/ FIBROBLASTS/ GALACTOSE, metabolism/ HUMAN/ IODINE ISOTOPES/ *LYMPHOCYTE TRANSFORMATION/ *LYMPHOMA, metabolism/ MICE/ NEOPLASMS, EXPERIMENTAL, metabolism/ *NEURAMINIDASE, pharmacodynamics/ *SV40 VIRUS/ *TRYPSIN, pharmacodynamics/ VIBRIO INFECTIONS, enzymology

5595. **Niedner R, Kayser M, Reuter N, et al:** Toxizität von Warfarin und Einfluss auf die Blutgerinnung von Ratten und Mäusen.
Arzneim Forsch 23:102, Jan 73 (Ger)
ANIMAL EXPERIMENTS/ ANTICOAGULANTS/ *BLOOD COAGULATION, drug effects/ CATS/ ENGLISH ABSTRACT/ LETHAL DOSE 50/ MICE/ PROTHROMBIN TIME/ RATS/ WARFARIN, pharmacodynamics/ *WARFARIN, toxicity

5596. **Niedner R, Kayser M, Reuter N, et al:** Toxizität von Warfarin und Einfluss aud die Blutgerinnung von Ratten und Mäusen.
Australas Radiol 23:102, Jan 73 (Ger)
ANIMAL EXPERIMENTS/ ANTICOAGULANTS/ *BLOOD COAGULATION, drug effects/ CATS/ ENGLISH ABSTRACT/ LETHAL DOSE 50/ MICE/ PROTHROMBIN TIME/ RATS/ WARFARIN, pharmacodynamics/ *WARFARIN, toxicity

5597. **Niedworok J:** Porównawcze badania nad zachowaniem się lipidów osoczowych w przebiegu konserwacji krwi w ultra niskich temperaturach w zależności od środowiska konserwującego.
Acta Haematol Pol 2:169-73, Apr-Jun 71 (Pol)
*BLOOD PRESERVATION/ CHOLESTEROL, blood/ *DIMETHYL SULFOXIDE, pharmacodynamics/ ENGLISH ABSTRACT/ ERYTHROCYTES, drug effects/ *FREEZING/ HUMAN/ *LIPIDS, blood/ PHOSPHOLIPIDS, blood/ TIME FACTORS/ TRIGLYCERIDES, blood

5598. **Niedworok J, Spychalski E:** Badania nad zachowaniem si e niektórych enzymów lizosomalnych krwinek białych u królików w przebiegu doświadczalnej choroby oparzeniowej.
Acta Physiol Pol 23:987-95, Nov-Dec 72 (Pol)
ACID PHOSPHATASE, blood/ ALKALINE PHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ *BURNS, enzymology/ ENGLISH ABSTRACT/ FEMALE/ *LEUKOCYTES, enzymology/ *LYSOSOMES, enzymology/ MALE/ PEPTIDE HYDROLASES, blood/ RABBITS/ SHOCK, TRAUMATIC, enzymology/ TIME FACTORS/ WOUND HEALING

5599. **Nielsen ML, Laursen H, Christensen P:** Control of bacteriuria with sulphamethoxazole-trimethoprim in patients with urinary tract obstruction and chronic infection. A preliminary report.
Scand J Urol Nephrol 6:239-43, 1972
ADULT/ AGED/ *ANTI-INFECTIVE AGENTS, therapeutic use/ BACTERIURIA, etiology/ *BACTERIURIA, prevention & control/ FEMALE/ *FOLIC ACID ANTAGONISTS, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ PROSTATIC HYPERTROPHY, complications/ *PYRIMIDINES, therapeutic use/ SULFAMETHOXAZOLE, adverse effects/ *SULFAMETHOXAZOLE, therapeutic use/ THROMBOPENIA, chemically induced/ TRIMETHOPRIM, adverse effects/ TRIMETHOPRIM, therapeutic use/ URETERAL OBSTRUCTION, complications

5600. **Nielubowicz J:** Przeszczepianie w atroby. Doświadzalne przeszczepy w atroby.
Pol Arch Med Wewn 49:273-82, Sep 72 (45 ref.) (Pol)
ANIMAL EXPERIMENTS/ BLOOD COAGULATION DISORDERS/ DOGS/ EXTRACORPOREAL CIRCULATION/ GRAFT REJECTION/ HYPOGLYCEMIA/ IMMUNOSUPPRESSIVE AGENTS, administration & dosage/ IMMUNOSUPPRESSIVE AGENTS, adverse effects/ INFECTION, chemically induced/

LIVER, blood supply/ *LIVER, transplantation/ METHODS/ POSTOPERATIVE COMPLICATIONS/ REVIEW/ SWINE/ TIME FACTORS/ TISSUE DONORS/ TISSUE PRESERVATION/ TRANSPLANTATION, HOMOLOGOUS

5601. Niemetz J, Fani K: Thrombogenic activity of leukocytes. Blood 42:47-59, Jul 73
ANIMAL EXPERIMENTS/ AORTA/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ ENDOTOXINS, administration & dosage/ *ENDOTOXINS, pharmacodynamics/ HEMORRHAGE, etiology/ HEPARIN, therapeutic use/ INFARCTION, etiology/ INJECTIONS, INTRA-ARTERIAL/ INJECTIONS, INTRAVENOUS/ KIDNEY CORTEX NECROSIS, etiology/ KIDNEY CORTEX NECROSIS, pathology/ *LEUKOCYTES/ LEUKOCYTES, drug effects/ MALE/ MYOCARDIAL INFARCT, etiology/ PERITONEUM/ PROTHROMBIN TIME/ PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, pathology/ RABBITS/ *SHWARTZMAN PHENOMENON/ THROMBOPLASTIN, pharmacodynamics/ *THROMBOSIS, etiology/ THROMBOSIS, prevention & control

5602. Nieminen U, Purola E: Factors influencing the prognosis of ovarian cystadenocarcinomas. Prog Clin Cancer 5:237-47, 1973
ADHESIONS, etiology/ CYSTADENOCARCINOMA, diagnosis/ *CYSTADENOCARCINOMA, mortality/ CYSTADENOCARCINOMA, radiotherapy/ CYSTADENOCARCINOMA, surgery/ FEMALE/ GOLD ISOTOPES, therapeutic use/ HUMAN/ OVARIAN NEOPLASMS, diagnosis/ *OVARIAN NEOPLASMS, mortality/ OVARIAN NEOPLASMS, radiotherapy/ OVARIAN NEOPLASMS, surgery/ PROGNOSIS/ RUPTURE, SPONTANEOUS, etiology

5603. Nies A, Robinson DS, Lamborn KR, et al: Genetic control of platelet and plasma monoamine oxidase activity. Arch Gen Psychiatry 28:834-8, Jun 73
ADOLESCENCE/ ADULT/ *BLOOD PLATELETS, enzymology/ DEPRESSION, blood/ DEPRESSION, etiology/ FACTOR ANALYSIS, STATISTICAL/ FEMALE/ GENETICS, BIOCHEMICAL/ HUMAN/ MALE/ MIDDLE AGE/ *MONOAMINE OXIDASE, blood/ *TWINS

5604. Niessen KH, Schmidt K, Brügmann G: Sekundärer Enterokinase-Mangel der Duodenalschleimhaut bei partieller und totaler Zottenatrophie. Monatsschr Kinderheilkd 121:49-53, Feb 73 (Ger)
ADOLESCENCE/ ATROPHY/ BIOPSY/ CHILD/ CHILD, PRESCHOOL/ *DUODENAL DISEASES, enzymology/ DUODENAL DISEASES, pathology/ ENGLISH ABSTRACT/ *GLYCOSIDE HYDROLASES, metabolism/ HUMAN/ INFANT/ INTESTINAL MUCOSA, enzymology/ INTESTINAL MUCOSA, pathology/ *METABOLIC DISEASES, enzymology/ *PEPTIDE PEPTIDOHYDROLASES, metabolism

5605. Niessner H: Messung der Plättchenadhäsivität mit einer modifizierten form der Hellem II-Methodik unter besonderer Berücksichtigung des von Willebrand-Jürgens-Syndroms. Thromb Diath Haemorrh 27:434-51, 31 Jul 72 (Ger)
ADOLESCENCE/ ADULT/ AFIBRINOGENEMIA, blood/ AGED/ *BLOOD COAGULATION TESTS, instrumentation/ CHILD/ CREATININE, blood/ ENGLISH ABSTRACT/ FACTOR VIII, analysis/ FACTOR VIII, therapeutic use/ FEMALE/ FILTRATION/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ *PLATELET ADHESIVENESS/ THROMBOPENIA, blood/ UREMIA, blood/ *VON WILLEBRAND'S DISEASE, blood

5606. Nieweg HO, Schans GS van der, Bos-van Zwol F, et al: Mechanism of action of some anti-rheumatic drugs in allergic blood diseases. Ann Rheum Dis 32:90, Jan 73
*ASPIRIN, adverse effects/ CELL MEMBRANE/ DRUG HYPERSENSITIVITY/ HUMAN/ *THROMBOPENIA, chemically induced/ THROMBOPENIA, immunology

5607. Niewiarowski S, Markiewicz M, Nath N: Inhibition of the platelet-dependent fibrin retraction by the fibrin stabilizing factor (FSF, factor 13). J Lab Clin Med 81:641-50, May 73
AMIDES/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ ESTERS/ *FACTOR XIII, pharmacodynamics/ *FIBRIN, metabolism/ FIBRINOGEN, pharmacodynamics/ GLYCINE, pharmacodynamics/ HUMAN/ IN VITRO/ PLATELET ADHESIVENESS, drug effects/ RATS/ SEROTONIN, metabolism/ SOLUBILITY/ THROMBIN, pharmacodynamics/ TRITIUM

5608. Niewiarowski S, Regoeczi E, Mustard JF: Platelet interaction with fibrinogen and fibrin: comparison of the interaction of platelets with that of fibroblasts, leukocytes, and erythrocytes. Ann NY Acad Sci 201:72-83, 27 Oct 72
ADENOSINE DIPHOSPHATE, metabolism/ *BLOOD PLATELETS, physiology/ CLOT RETRACTION/ *ERYTHROCYTES, physiology/ *FIBRIN, physiology/ FIBRINOGEN, metabolism/ *FIBRINOGEN, physiology/ *FIBROBLASTS, physiology/ HUMAN/ IODINE ISOTOPES/ *LEUKOCYTES, physiology/ PLATELET ADHESIVENESS/ SWINE/ TRYPSIN, pharmacodynamics

5609. Niewiarowski S, Senyi AF, Gillies P: Plasmin-induced platelet aggregation and platelet release reaction. Effects on hemostasis. J Clin Invest 52:1647-59, Jul 73
ADENINE NUCLEOTIDES, metabolism/ AMINOCAPROIC ACID, pharmacodynamics/ ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ COLLAGEN, pharmacodynamics/ DIPYRIDAMOLE, pharmacodynamics/ FIBRINOGEN, metabolism/ *FIBRINOLYSIN, pharmacodynamics/ HEMOSTASIS/ HUMAN/ PHENYLBUTAZONE, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ PROSTAGLANDINS, pharmacodynamics/ RABBITS/ SEROTONIN, metabolism/ STREPTOKINASE, pharmacodynamics/ SWINE/ THROMBIN, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics

5610. Niewiarowski S, Senyi AF, Gillies P: Plasmin-induced platelet aggregation and platelet release reaction. Effects on hemostasis. J Clin Invest 22:1647-59, Jul 73
ADENINE NUCLEOTIDES, metabolism/ AMINOCAPROIC ACID, pharmacodynamics/ ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ COLLAGEN, pharmacodynamics/ DIPYRIDAMOLE, pharmacodynamics/ FIBRINOGEN, metabolism/ *FIBRINOLYSIN, pharmacodynamics/ HEMOSTASIS/ HUMAN/ PHENYLBUTAZONE, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ PROSTAGLANDINS, pharmacodynamics/ RABBITS/ SEROTONIN, metabolism/ STREPTOKINASE, pharmacodynamics/ SWINE/ THROMBIN, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics

5611. Nigam VN, Cantero A: Polysaccharides in cancer. Adv Cancer Res 16:1-96, 1972 (461 ref.)
ACETAMIDES, pharmacodynamics/ AZO COMPOUNDS, pharmacodynamics/ BIOLOGICAL TRANSPORT, ACTIVE/ CARCINOGENS, pharmacodynamics/ CELLS, CULTURED/ CHONDROITIN/ ETHIONINE, pharmacodynamics/ GLUCOSE, metabolism/ *GLYCOGEN/ GLYCOGEN, biosynthesis/ GLYCOGEN, isolation & purification/ HEPARIN/ HEPATOMA, metabolism/ HISTOCYTOCHEMISTRY/ HYALURONIC ACID/ LIVER, drug effects/ LIVER GLYCOGEN, metabolism/ LIVER GLYCOGEN, radiation effects/ MICROSCOPY, ELECTRON/ *MUCOPOLYSACCHARIDES/ NEOPLASM TRANSPLANTATION/ *NEOPLASMS/

NEOPLASMS, metabolism/ NEOPLASMS, EXPERIMENTAL, metabolism/ NITROSAMINES, pharmacodynamics/ *POLYSACCHARIDES/ *RADIATION EFFECTS/ REVIEW

5612. **Nigen AM, Gurd FR:** Comparison of carboxymethylation patterns of harbor seal and sperm whale myoglobins.
J Biol Chem 248:3708-15, 25 May 73
*ACETIC ACIDS/ ALKYLATION/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BROMINE/ *CETACEA/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ DANSYL COMPOUNDS/ DARKNESS/ HISTIDINE, analysis/ HYDROGEN-ION CONCENTRATION/ *MYOGLOBIN/ MYOGLOBIN, analysis/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ *PINNIPEDIA/ SOLUBILITY/ SPECIES SPECIFICITY/ THERMOLYSIN/ TRYPSIN

5613. **Niklasson PM, Blombäck M, Lundbergh P, et al:** Thrombocytopenia and bleeding complications in severe cases of meningococcal infection treated with heparin, dextran 70 and chlorpromazine.
Scand J Infect Dis 4:183-91, 1972
ADOLESCENCE/ ADULT/ ASPIRIN, adverse effects/ *BLOOD PLATELET DISORDERS, etiology/ CEPHALOTHIN, therapeutic use/ *CHLORPROMAZINE, adverse effects/ DEXAMETHASONE, therapeutic use/ *DEXTRAN, adverse effects/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DRUG RESISTANCE, MICROBIAL/ FEMALE/ *HEMORRHAGE, chemically induced/ *HEPARIN, adverse effects/ HISTORY OF MEDICINE, MODERN/ HUMAN/ MALE/ *MENINGITIS, MENINGOCOCCIC, complications/ MENINGITIS, MENINGOCOCCIC, drug therapy/ MIDDLE AGE/ PENICILLIN G, therapeutic use/ PROBABILITY/ SEPTICEMIA, complications/ SEPTICEMIA, drug therapy/ SHOCK, ENDOTOXIC, drug therapy/ SHOCK, ENDOTOXIC, mortality/ SULFONAMIDES, therapeutic use

5614. **Niles EG, Westhead EW:** In vitro adenylylation of lysine-sensitive aspartylkinase from Escherichia coli TIR-8. Biochemistry 12:1723-9, 24 Apr 73
ADENOSINE TRIPHOSPHATE, metabolism/ *ADENOSINE TRIPHOSPHATE, metabolism/ ASPARTIC ACID/ CATALYSIS/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, PAPER/ *ESCHERICHIA COLI, enzymology/ FILTRATION/ KINETICS/ *LYSINE, pharmacodynamics/ MAGNESIUM, metabolism/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PHOSPHODIESTERASES/ PHOSPHORUS ISOTOPES/ *PHOSPHOTRANSFERASES, metabolism/ PROTEIN BINDING/ SNAKES/ TRYPSIN/ VENOMS

5615. **Nilsson IM:** Vitaminer. 15. K-vitamin.
Lakartidningen 69:Suppl 3:108-10, 23 Oct 72 (Swe)
*BLOOD COAGULATION/ BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION FACTORS, biosynthesis/ DIET/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT, NEWBORN/ INTESTINAL ABSORPTION/ *NUTRITION/ NUTRITIONAL REQUIREMENTS/ PREGNANCY/ *VITAMIN K/ VITAMIN K, metabolism/ VITAMIN K, therapeutic use/ *VITAMIN K DEFICIENCY

5616. **Nilsson IM, Hedner U, Björlin G:** Suppression of factor IX antibody in hemophilia B by factor IX and cyclophosphamide. Ann Intern Med 78:91-5, Jan 73
ADULT/ ANTIBODIES/ *ANTIBODY FORMATION, drug effects/ ANTIBODY SPECIFICITY/ *CHRISTMAS DISEASE, immunology/ *CYCLOPHOSPHAMIDE, pharmacodynamics/ FACTOR IX/ FACTOR IX, administration & dosage/ *FACTOR IX, pharmacodynamics/ HEMORRHAGE, drug therapy/ HEMOSTASIS/ HUMAN/ MALE/ STIMULATION, CHEMICAL/ TIME FACTORS/ TOOTH EXTRACTION

5617. **Nilsson IM, Hedner U:** Partial purification of an activator inhibitor in serum.
J Clin Pathol 25:621-2, Jul 72
ABSORPTION/ *ALPHA GLOBULIN, isolation & purification/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS/ FETUS/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HUMAN/ IMMUNOELECTROPHORESIS/ INFANT, NEWBORN/ KIDNEY, transplantation/ MOLECULAR WEIGHT/ NEOPLASMS, blood/ *PLASMINOGEN, antagonists & inhibitors/ THROMBOPHLEBITIS, blood/ UREMIA, blood

5618. **Nilsson IM, Hedner U:** Comparison between a direct and an indirect method for determining plasminogen.
J Clin Pathol 25:624, Jul 72
ADOLESCENCE/ ADULT/ CASEIN/ COMPARATIVE STUDY/ FEMALE/ FETUS/ HUMAN/ IMMUNOELECTROPHORESIS/ LIVER DISEASES, blood/ MIDDLE AGE/ *PLASMINOGEN, analysis/ PREGNANCY/ SEPTICEMIA, blood/ THROMBOSIS, drug therapy

5619. **Nilsson IM, Isacson S:** New aspects of the pathogenesis of thrombo-embolism.
Prog Surg 11:46-68, 1973 (89 ref.)
BLOOD COAGULATION DISORDERS, complications/ BLOOD PLATELET DISORDERS, complications/ FIBRINOLYSIN, antagonists & inhibitors/ FIBRINOLYSIN, metabolism/ FIBRINOLYSIN, secretion/ FIBRINOLYSIS/ HUMAN/ PLASMINOGEN/ PLATELET ADHESIVENESS/ REVIEW/ *THROMBOEMBOLISM, etiology/ THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, metabolism/ THROMBOPHLEBITIS, pathology/ THROMBOSIS, etiology/ VEINS

5620. **Nilsson IM, Isacson S:** Effect of treatment with combined phenformin and ethyloestrenol on the coagulation and fibrinolytic systems.
J Clin Pathol 25:638-9, Jul 72
ADULT/ *BLOOD COAGULATION, drug effects/ *ETHYLESTRENOL, pharmacodynamics/ ETHYLESTRENOL, therapeutic use/ FIBRINOGEN, analysis/ *FIBRINOLYSIS, drug effects/ HUMAN/ MACROGLOBULINS, analysis/ MALE/ *PHENFORMIN, pharmacodynamics/ PHENFORMIN, therapeutic use/ PLASMINOGEN, analysis/ PLATELET ADHESIVENESS, drug effects/ THROMBOPHLEBITIS, drug therapy/ VEINS, analysis

5621. **Nilsson JL, Hoffmann KJ, Ljunggren C, et al:** Fibrin-stabilizing factor inhibitors. 8. Pyridine derivatives as charge-transfer complex acceptors.
Acta Pharm Suec 10:209-14, Jun 73
*FACTOR XIII, antagonists & inhibitors/ *PYRIDINES/ PYRIDINES, chem synthesis/ PYRIDINES, pharmacodynamics

5622. **Nilsson JL, Stenberg P, Ljunggren C, et al:** Fibrin-stabilizing factor inhibitors.
Ann NY Acad Sci 202:286-96, 8 Dec 72
AMINES, pharmacodynamics/ BINDING SITES/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION DISORDERS, drug therapy/ CADAVERINE, pharmacodynamics/ CHEMISTRY/ CYCLOHEXANECARBOXYLIC ACIDS, pharmacodynamics/ DANSYL COMPOUNDS, pharmacodynamics/ ENZYME ACTIVATION/ FACTOR XIII/ *FIBRIN/ FIBRINOLYSIS, drug effects/ GLUTAMINE/ HUMAN/ METHYLAMINES, pharmacodynamics/ NAPHTHALENES, pharmacodynamics/ STRUCTURE-ACTIVITY RELATIONSHIP/ SULFONAMIDES, pharmacodynamics/ THROMBOSIS, drug therapy/ THROMBOSIS, prevention & control/ *TRANSFERASES, antagonists & inhibitors

5623. **Nilsson R, Kearns DR:** A remarkable deuterium effect on the rate of photosensitized oxidation of alcohol dehydrogenase and trypsin.
Photochem Photobiol 17:65-8, Jan 73
*ALCOHOL OXIDOREDUCTASES/ *DEUTERIUM/ *PHOTOCHEMISTRY/ PHOTOLYSIS/ *TRYPSIN

5624. **Ninomiya K:** [Clinical signifcance of FDP in surgery]
Acta Haematol Jap 35:651, Oct 72 (Jap)
ENGLISH ABSTRACT/ FIBRIN, analysis/ *FIBRIN, metabolism/ FIBRINOGEN, analysis/ *FIBRINOGEN, metabolism/ HUMAN/ *SURGERY, OPERATIVE

5625. **Ninomiya K:** [Syndromes of intravascular coagulation-in the field of surgery]
Jap J Clin Med 31:822-30, Apr 73 (44 ref.) (Jap)
ADULT/ AGED/ CHILD, PRESCHOOL/ *DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ FEMALE/ HEMANGIOMA, complications/ HUMAN/ KIDNEY, transplantation/ MALE/ NEOPLASMS, complications/ POSTOPERATIVE COMPLICATIONS/ REVIEW/ SEPTICEMIA, complications/ TRANSPLANTATION, HOMOLOGOUS

5626. **Ninov L, Kolarova N:** Vurkhu khemangiomatozata na cherniia drob (opisanie na sluchai s gigantski kavernozen khemangiom na cherniia drob, simulirasht vroden surdechen porok u novorodeno.
Akush Ginekol (Sofiia) 11:444-8, 1972 (Bul)
DIAGNOSIS, DIFFERENTIAL/ *HEART DEFECTS, CONGENITAL, diagnosis/ *HEMANGIOMA, CAVERNOUS, congenital/ HEMANGIOMA, CAVERNOUS, diagnosis/ HEMANGIOMA, CAVERNOUS, pathology/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, diagnosis/ LIVER, pathology/ *LIVER DISEASES, diagnosis/ MALE

5627. **Niquet G, Dupriez D:** Etude du Reparil Gel en médecine sportive (à propos de 30 observations.
Lille Med 17:Suppl 8:1612-3, Dec 72 (Fre)
ADOLESCENCE/ ADULT/ *ANALGESICS AND ANTIPYRETICS, therapeutic use/ *ANTICOAGULANTS, therapeutic use/ *ANTI-INFLAMMATORY AGENTS, TOPICAL/ CLINICAL RESEARCH/ *CONTUSIONS, drug therapy/ DRUG COMBINATIONS/ GELS/ *GLYCOSIDES, therapeutic use/ *HEMATOMA, drug therapy/ HUMAN/ MALE/ *SALICYLATES, therapeutic use/ *SAPONINS, therapeutic use/ SPORT MEDICINE/ *SULFURIC ACIDS, therapeutic use

5628. **Nirmalan GP, Atwal OS, Carlson HC:** Ultrastructural studies on the elucocytes and thrombocytes in the circulating blood of Japanese quail.
Poult Sci 51:2050-5, Nov 72
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, cytology/ EOSINOPHILS, cytology/ FEMALE/ *LEUKOCYTES, cytology/ LYMPHOCYTES, cytology/ MALE/ MICROSCOPY, ELECTRON/ MONOCYTES, cytology/ *QUAIL, anatomy & histology

5629. **Nishihira T, Fujii G:** Mixed lymphocyte-platelet, lymphocyte-kidney cell and lymphocyte-liver cell reactions in rats. Tohoku J Exp Med 108:1-7, Sep 72
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, immunology/ KIDNEY, cytology/ *KIDNEY, immunology/ *LEUKOCYTE CULTURE TEST, MIXED/ LIVER, cytology/ *LIVER, immunology/ LYMPHOCYTE TRANSFORMATION/ *LYMPHOCYTES, immunology/ RATS/ THYMIDINE, metabolism/ TISSUE CULTURE/ TRITIUM

5630. **Nishikimi M, Yoshino M:** Fluorometric and spectrophotometric studies on the binding of sulfonphthalein dyes to proteins.
J Biochem (Tokyo) 72:1237-44, Nov 72
CHEMISTRY/ CHYMOTRYPSIN/ FLUORESCENCE SPECTROMETRY/ HUMAN/ HYDROGEN-ION CONCENTRATION/ OVALBUMIN/ *PHENOLPHTHALEINS/ *PROTEIN BINDING/ *PROTEINS/ SERUM ALBUMIN/ SERUM ALBUMIN, BOVINE/ SPECTROPHOTOMETRY

5631. **Nishimura N, Tagashira I, Mori Y, et al:** [Clinical evaluation of Hespander]
Jap J Anesthesiol 21:635-41, Jul 72 (Jap)
ADULT/ AGED/ ALCOHOL, ETHYL, adverse effects/ ALCOHOL, ETHYL, pharmacodynamics/ *ANESTHESIA, INTRAVENOUS/ BLOOD VISCOSITY, drug effects/ BLOOD VOLUME, drug effects/ COMPARATIVE STUDY/ DEXTRAN, pharmacodynamics/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FEMALE/ HUMAN/ KIDNEY, drug effects/ LIVER, drug effects/ MALE/ MIDDLE AGE/ *PLASMA SUBSTITUTES/ RADIOIMMUNOASSAY/ STARCH, adverse effects/ *STRESS, blood/ *SURGERY, OPERATIVE/ TIME FACTORS

5632. **Nishioka K, Constantopoulos A, Sato PS, et al:** Characteristics and isolation of the phagocytosis-stimulating peptide, tuftsin.
Biochim Biophys Acta 310:217-29, 17 May 73
AMINO ACID SEQUENCE/ ARGININE/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN LAYER/ DOGS/ ELECTROPHORESIS, PAPER/ GAMMA GLOBULIN, analysis/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LEUKOCYTES, enzymology/ LYSINE/ *OLIGOPEPTIDES, analysis/ OLIGOPEPTIDES, pharmacodynamics/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ *PHAGOCYTOSIS, drug effects/ PROLINE/ PROTEIN BINDING/ RABBITS/ THREONINE/ TRYPSIN

5633. **Nishizaki S, Yokota I:** [Assay for chymotrypsin and trypsin. II. On a few considerations for the assay of the commercial anti-inflammatry enzyme preparations]
Bull Natl Inst Hyg Sci (Tokyo) 90:89-92, 1972 (Jap)
*BROMELAINS, analysis/ ENGLISH ABSTRACT/ *TRYPSIN, analysis

5634. **Nishizawa EE, Wynalda DJ, Lednicer D:** Non-thrombogenic surface inhibiting platelet adherence.
Trans Am Soc Artif Intern Organs 19:13-8, 1973
ACETONE/ ALKENES/ ANIMAL EXPERIMENTS/ ARTERIOVENOUS SHUNT, SURGICAL, instrumentation/ AZO COMPOUNDS, administration & dosage/ AZO COMPOUNDS, pharmacodynamics/ *BIOCOMPATIBLE MATERIALS/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ CAROTID ARTERIES, surgery/ INJECTIONS, INTRAVENOUS/ JUGULAR VEIN, surgery/ METHODS/ NAPHTHALENES, administration & dosage/ NAPHTHALENES, pharmacodynamics/ *PLATELET ADHESIVENESS/ PLATELET ADHESIVENESS, drug effects/ POLYETHYLENES/ POLYMERS/ PULMONARY EMBOLISM, prevention & control/ RABBITS/ RATS/ SULFONIC ACIDS, administration & dosage/ SULFONIC ACIDS, pharmacodynamics/ SURFACE PROPERTIES/ *THROMBOSIS, prevention & control

5635. **Nissler K, Friedrich S, Hofmann E:** Präparative Darstellung homogener Phosphofruktokinase aus Hefe.
Acta Biol Med Ger 28:739-49, 1972 (Ger)
ACETONE, pharmacodynamics/ AMMONIUM SULFATE, pharmacodynamics/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ GEL FILTRATION/ HEAT/ METHODS/ MOLECULAR WEIGHT/ *PHOSPHOFRUCTOKINASE, analysis/

PROTAMINES, pharmacodynamics/ *SACCHAROMYCES CEREVISIAE, enzymology/ ULTRACENTRIFUGATION/ ULTRASONICS

5636. **Nitsan Z, Nir I, Dror Y, et al:** The effect of forced feeding and of dietary protein level on enzymes associated with digestion, protein and carbohydrate metabolism in geese. Poult Sci 52:474-81, Mar 73
AMYLASE, analysis/ ANIMAL EXPERIMENTS/ *ANIMAL FEED/ ARGINASE, analysis/ BLOOD UREA NITROGEN/ CHYMOTRYPSIN, analysis/ DIETARY CARBOHYDRATES, metabolism/ *DIETARY PROTEINS, metabolism/ DIGESTION/ DNA, analysis/ FATTY LIVER, enzymology/ *FATTY LIVER, veterinary/ *GEESE, metabolism/ GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ INTESTINE, SMALL, analysis/ KETONE OXIDOREDUCTASES, analysis/ KIDNEY, analysis/ LIVER, analysis/ NITROGEN, analysis/ PANCREAS, analysis/ PHOSPHOGLUCONATE DEHYDROGENASE, analysis/ *POULTRY DISEASES, enzymology/ RNA, analysis/ TRYPSIN, analysis/ URIC ACID, blood/ XANTHINES

5637. **Niven PA, Terry HJ, Letchworth AT, et al:** Placental haemangioma. Br Med J 4:233-4, 28 Oct 72
ADULT/ FEMALE/ *HEMANGIOMA/ HUMAN/ INFANT, NEWBORN/ LABOR, PREMATURE, etiology/ MALE/ PLACENTA, analysis/ *PLACENTA DISORDERS/ PREGNANCY/ PROLACTIN, analysis

5638. **Nixon GS, Hannah CM:** N-butyl cyanoacrylate as a pulp capping agent. Br Dent J 133:14-8, 4 Jul 72
ANIMAL EXPERIMENTS/ CALCIUM HYDROXIDE/ COMPARATIVE STUDY/ *CYANOACRYLATES, therapeutic use/ *DENTAL PULP CAPPING/ DOGS/ FEMALE/ HEMOSTASIS/ MALE/ TISSUE ADHESIVES/ ZINC OXIDE-EUGENOL CEMENT

5639. **Noe BD, Bauer GE:** Further characterization of a glucagon precursor from anglerfish islet tissue. Proc Soc Exp Biol Med 142:210-3, Jan 73
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHYMOTRYPSIN, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FISHES, metabolism/ GEL FILTRATION/ *GLUCAGON, biosynthesis/ *ISLANDS OF LANGERHANS, analysis/ ISOLEUCINE, metabolism/ MOLECULAR WEIGHT/ *PROTEIN PRECURSORS, isolation & purification/ RIBONUCLEASE, metabolism/ TRITIUM/ TRYPSIN, metabolism/ TRYPTOPHAN, metabolism

5640. **Nohl M, Menner K, Sousa F de, et al:** Alpha 1-Antitrypsin-Konzentration im Seerum Neugeborener mit und ohne Atemstörungen. Z Kinderheilkd 113:145-50, 1972 (Ger)
DELIVERY/ ENGLISH ABSTRACT/ HUMAN/ *INFANT, NEWBORN/ INFANT, PREMATURE/ *RESPIRATORY DISTRESS SYNDROME, blood/ *TRYPSIN INHIBITORS, blood

5641. **Noller KL, Bowie EJ, Kempers RD, et al:** Von Willebrand's disease in pregnancy. Obstet Gynecol 41:865-72, Jun 73
BLOOD COAGULATION FACTORS, analysis/ COLD/ FACTOR VIII, analysis/ FEMALE/ HEMOPHILIA, blood/ HEMORRHAGE, POSTPARTUM, etiology/ HUMAN/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, familial & genetic/ LABOR COMPLICATIONS/ MALE/ MATERNAL-FETAL EXCHANGE/ PLATELET ADHESIVENESS/ PRECIPITATION/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, complications/ UTERINE HEMORRHAGE, etiology/ UTERINE HEMORRHAGE, prevention & control/ VON WILLEBRAND'S DISEASE, blood/ *VON WILLEBRAND'S DISEASE, complications/ VON WILLEBRAND'S DISEASE, drug therapy/ VON WILLEBRAND'S DISEASE, familial & genetic

5642. **Nomiyama K, Nomiyama H, Kobayashi S:** Pulmonary diseases and antitrypsin deficiency in Japan. Allerg Immunol (Leipz) 18:81-4, 1972
BRONCHITIS, enzymology/ HOMOZYGOTE/ HUMAN/ JAPAN/ *LUNG DISEASES, OBSTRUCTIVE, enzymology/ METABOLISM, INBORN ERRORS, enzymology/ METABOLISM, INBORN ERRORS, familial & genetic/ METABOLISM, INBORN ERRORS, occurrence/ PULMONARY EMPHYSEMA, enzymology/ *TRYPSIN INHIBITORS, blood

5643. **Nomura T, Okamoto E:** Transplacental carcinogenesis by urethan in mice: teratogenesis and carcinogenesis in relation to organogenesis. Gann 63:731-42, Dec 72
*ABNORMALITIES, DRUG-INDUCED/ ANIMAL EXPERIMENTS/ CYSTADENOMA, PAPILLARY, chemically induced/ ENDOMETRIAL HYPERPLASIA, chemically induced/ FEMALE/ FETUS, drug effects/ HEMANGIOMA, chemically induced/ HEPATOMA, chemically induced/ INJECTIONS, SUBCUTANEOUS/ LIVER NEOPLASMS, chemically induced/ LUNG, abnormalities/ LUNG NEOPLASMS, chemically induced/ *MATERNAL-FETAL EXCHANGE/ MICE/ *NEOPLASMS, EXPERIMENTAL, chemically induced/ NEOPLASMS, EXPERIMENTAL, mortality/ PREGNANCY/ TAIL, abnormalities/ TERATOID TUMOR, chemically induced/ *URETHANE/ URETHANE, administration & dosage

5644. **Nooman ZM, Ezzat E:** Acute barbiturate intoxication. Rationale of management and report of a case treated by forced alkaline diuresis. J Egypt Med Assoc 54:729-43, 1971
ADOLESCENCE/ *BARBITURATES, poisoning/ *DIURESIS/ FUROSEMIDE, therapeutic use/ GLUCONATES, therapeutic use/ GLUCOSE, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ LACTATES, therapeutic use/ MALE/ MANNITOL, administration & dosage/ MANNITOL, therapeutic use/ POTASSIUM CHLORIDE, therapeutic use/ SODIUM CHLORIDE, administration & dosage/ SODIUM CHLORIDE, therapeutic use

5645. **Noonan KD, Burger MM:** Binding of (3 H)concanavalin A to normal and transformed cells. J Biol Chem 248:4286-92, 25 Jun 73
AGGLUTINATION TESTS/ CARBON ISOTOPES/ CELL COUNT/ CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED, drug effects/ *CELLS, CULTURED, metabolism/ CONCANAVALIN A, metabolism/ FIBROBLASTS/ HEPATOMA, metabolism/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LIVER, metabolism/ LIVER NEOPLASMS, metabolism/ MAGNESIUM/ MICE/ MITOSIS/ PEPTIDE HYDROLASES, pharmacodynamics/ *PHYTOMITOGENS, metabolism/ *PLANT AGGLUTININS, metabolism/ POLYOMA VIRUS/ RECEPTORS, DRUG/ SV40 VIRUS/ TEMPERATURE/ TRITIUM

5646. **Nordby EJ, Lucas GL:** A comparative analysis of lumbar disk disease treated by laminectomy or chemonucleolysis. Clin Orthop 90:119-29, Jan-Feb 73
ADULT/ COMPARATIVE STUDY/ ELECTROMYOGRAPHY/ EVALUATION STUDIES/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ INTERVERTEBRAL DISK DISPLACEMENT, drug therapy/ INTERVERTEBRAL DISK DISPLACEMENT, surgery/ *INTERVERTEBRAL DISK DISPLACEMENT, therapy/ *LAMINECTOMY/ LUMBAR VERTEBRAE/ MALE/ MIDDLE AGE/ MYELOGRAPHY/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use

5647. **Norden DA:** The inhibition of trypsin and some other proteases by ovorubin, a protein from the eggs of Pomacea canaliculata. Comp Biochem Physiol [B] 42:569-76, 15 Aug 72
ACYLATION/ AMYLASE, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ APOPROTEINS/ CARBOHYDRATES, analysis/ CASEIN/ CHROMATOGRAPHY, ION

EXCHANGE/ CHYMOTRYPSIN, antagonists & inhibitors/ *EGG PROTEINS/ EGG PROTEINS, analysis/ EGG PROTEINS, isolation & purification/ ELECTROPHORESIS, PAPER/ FUCOSE, analysis/ GLUCOSAMINE, analysis/ MUCOPOLYSACCHARIDES/ OVUM, analysis/ PAPAIN, antagonists & inhibitors/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ PRONASE, antagonists & inhibitors/ *SNAILS, analysis/ TIME FACTORS/ *TRYPSIN INHIBITORS

5648. **Nordoy A, Bjorge JM, Strom E:** Comparison of the main lipids in platelets and plasma in man.
Acta Med Scand 193:59-64, Jan-Feb 73
ADULT/ *BLOOD PLATELETS, analysis/ CHOLESTEROL, blood/ FATTY ACIDS, NONESTERIFIED, blood/ HUMAN/ *LIPIDS, blood/ MALE/ MIDDLE AGE/ OLEIC ACID, blood/ PALMITIC ACID, blood/ PHOSPHOLIPIDS, blood/ *PLASMA, analysis/ STEARIC ACID, blood/ TRIGLYCERIDES, blood

5649. **Nordstoga K:** Fibrinous colitis in swine, a manifestation of Schwartzman reaction? Vet Rec 92:698, 30 Jun 73
ANIMAL EXPERIMENTS/ COLITIS, etiology/ *COLITIS, veterinary/ ESCHERICHIA COLI, pathogenicity/ SALMONELLA, pathogenicity/ *SHWARTZMAN PHENOMENON, veterinary/ SWINE/ *SWINE DISEASES, etiology/ VITAMIN E DEFICIENCY, complications

5650. **Nordström C:** Release of enteropeptidase and other brush-border enzymes from the small intestinal wall in the rat. Biochim Biophys Acta 289:367-77, 7 Dec 72
ALKALINE PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ BILE, metabolism/ BILIARY FISTULA, metabolism/ CHOLECYSTOKININ, pharmacodynamics/ ENZYME ACTIVATION, drug effects/ FEMALE/ GASTROINTESTINAL HORMONES, pharmacodynamics/ GLUCAGON, pharmacodynamics/ GLUCOSIDASE, metabolism/ HYDROGEN-ION CONCENTRATION/ *INTESTINE, SMALL, enzymology/ MALE/ PANCREATIC JUICE, metabolism/ PENTAGASTRIN, pharmacodynamics/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ RATS/ SECRETIN, pharmacodynamics/ SUCRASE, metabolism/ TAUROCHOLIC ACID, pharmacodynamics/ TREHALASE, metabolism/ TRYPSINOGEN

5651. **Nordström C, Dahlqvist A:** Localisation of human enterokinase. Lancet 2:933-4, 28 Oct 72
ANIMAL EXPERIMENTS/ BIOPSY/ DEFICIENCY DISEASES, diagnosis/ *DUODENUM, enzymology/ HUMAN/ *INTESTINAL SECRETIONS/ MALE/ MIDDLE AGE/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ RATS

5652. **Norelli MT, Agricola R, Ferrando T:** Considerazioni sull'attività glucosio-6-fosfatodeidrogenasica valutata sul sangue, conservato a +4 degrees C in A.C.D., di soggetti sani e malati di morbo di Cooley.
Minerva Pediatr 23:1829-36, 3 Nov 71 (Ita)
*ACETATES/ *BLOOD PRESERVATION/ CHILD, PRESCHOOL/ *CITRATES/ ENGLISH ABSTRACT/ *ERYTHROCYTES, enzymology/ FEMALE/ *GLUCOSE/ *GLUCOSEPHOSPHATE DEHYDROGENASE, blood/ HUMAN/ INFANT/ MALE/ TEMPERATURE/ *THALASSEMIA, enzymology

5653. **Norman A, Strandvik B:** Bile acid excretion after disappearance of jaundice in intrahepatic cholestasis of infancy. Acta Paediatr Scand 62:264-8, May 73
AMINOTRANSFERASES, blood/ AUTORADIOGRAPHY/ *BILE ACIDS AND SALTS, urine/ BILIRUBIN, blood/ CARBON ISOTOPES/ CHENODEOXYCHOLIC ACID, urine/ *CHOLESTASIS, urine/ CHOLIC ACID, urine/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ CREATININE, urine/ CYTOMEGALOVIRUSES/ HUMAN/ INFANT/ JAUNDICE, OBSTRUCTIVE/ TRYPSIN INHIBITORS, blood

5654. **Norman A, Strandvik B:** Excretion of bile acids in extrahepatic biliary atresia and intrahepatic cholestasis of infancy.
Acta Paediatr Scand 62:253-63, May 73
AMINOTRANSFERASES, blood/ AUTORADIOGRAPHY/ BILE ACIDS AND SALTS, biosynthesis/ *BILE ACIDS AND SALTS, metabolism/ BILE ACIDS AND SALTS, urine/ *BILE DUCTS, abnormalities/ CARBON ISOTOPES/ CHENODEOXYCHOLIC ACID, metabolism/ CHOLESTASIS, diagnosis/ *CHOLESTASIS, metabolism/ CHOLIC ACID, metabolism/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ COMPLEMENT FIXATION TESTS/ CONSTRICTION/ CREATININE, urine/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HALF-LIFE/ HUMAN/ INFANT/ INFANT, NEWBORN/ *JAUNDICE, OBSTRUCTIVE, etiology/ LIVER CIRRHOSIS, OBSTRUCTIVE, metabolism/ MALE/ TRYPSIN INHIBITORS, blood

5655. **Norn S:** Anaphylactic histamine release and influence of antirheumatics.
Acta Pharmacol Toxicol [Suppl] (Kbh) 30:3-59, 1971
*ANAPHYLAXIS/ ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ ANTIGEN-ANTIBODY REACTIONS/ CHYMOTRYPSIN, pharmacodynamics/ COMPOUND 48-80, pharmacodynamics/ GLUCOCORTICOIDS, pharmacodynamics/ GUINEA PIGS/ *HISTAMINE LIBERATION/ HISTAMINE LIBERATION, drug effects/ HYDROCORTISONE, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ HYPERSENSITIVITY, IMMEDIATE/ OXYGEN CONSUMPTION/ PHENYLBUTAZONE, pharmacodynamics/ PHOSPHOLIPASE, pharmacodynamics/ POLYMYXIN, pharmacodynamics/ PYRIMIDINES, pharmacodynamics/ RATS/ RESORCINOL, pharmacodynamics/ SODIUM SALICYLATE, pharmacodynamics/ SPECTROPHOTOMETRY/ TEMPERATURE/ THIOSULFATES, pharmacodynamics/ TIME FACTORS

5656. **Nornes H, Magnaes B:** Recurrent haemorrhage and haemostasis in patients with ruptured intracranial saccular aneurysms.
Acta Neurol Scand [Suppl] 48:473-6, 1972
BLOOD PRESSURE/ CAROTID ARTERY, INTERNAL/ *CEREBRAL ANEURYSM, complications/ CEREBROVASCULAR CIRCULATION/ HEMOSTASIS/ HUMAN/ *INTRACRANIAL PRESSURE/ METHODS/ RECURRENCE/ REGIONAL BLOOD FLOW/ RUPTURE, SPONTANEOUS/ SUBARACHNOID HEMORRHAGE, diagnosis/ *SUBARACHNOID HEMORRHAGE, etiology/ SUBARACHNOID HEMORRHAGE, physiopathology/ TRANSDUCERS

5657. **Nornes H, Magnaes B:** Recurrent haemorrhage and haemostasis in patients with ruptured intracranial saccular aneurysms.
Acta Neurol Scand [Suppl] 51:473-6, 1972
BLOOD PRESSURE/ CAROTID ARTERY, INTERNAL/ *CEREBRAL ANEURYSM, complications/ CEREBROVASCULAR CIRCULATION/ HEMOSTASIS/ HUMAN/ *INTRACRANIAL PRESSURE/ METHODS/ RECURRENCE/ REGIONAL BLOOD FLOW/ RUPTURE, SPONTANEOUS/ SUBARACHNOID HEMORRHAGE, diagnosis/ *SUBARACHNOID HEMORRHAGE, etiology/ SUBARACHNOID HEMORRHAGE, physiopathology/ TRANSDUCERS

5658. **Norrby K, Mobacken H:** Effect of triphenylmethane dyes (brilliant green, crystal violet, methyl violet) on proliferation in human normal fibroblast-like and established epithelial-like cell lines.
Acta Derm Venereol (Stockh) 52:476-83, 1972
CELL COUNT/ *CELL DIVISION, drug effects/ CELL LINE/ CELL SURVIVAL, drug effects/ CHONDROITIN,

pharmacodynamics/ DEXTRAN, pharmacodynamics/ *EPITHELIAL CELLS, drug effects/ FEMALE/ *FIBROBLASTS, drug effects/ GENTIAN VIOLET, toxicity/ HELA CELLS/ HEPARIN, pharmacodynamics/ HUMAN/ *ROSANILINE DYES, toxicity/ SKIN, cytology/ TIME FACTORS/ TISSUE CULTURE

5659. **Norris AD:** Idiopathic thrombocytopenic purpura in identical twins. Br J Clin Pract 27:95-7, Mar 73
ADOLESCENCE/ *DISEASES IN TWINS/ FEMALE/ HUMAN/ PREDNISONE, therapeutic use/ PURPURA, THROMBOPENIC, drug therapy/ *PURPURA, THROMBOPENIC, familial & genetic

5660. **Norris DB, Trudgill PW:** The purification and properties of cyclohexanone oxygenase from Nocardia globerula CL 1. Biochem J 130:30P, Nov 72
CHROMATOGRAPHY, DEAE-CELLULOSE/ CYCLOHEXANOL/ FAD, analysis/ METHODS/ MOLECULAR WEIGHT/ NADP/ *NOCARDIA, enzymology/ OXIDOREDUCTASES, analysis/ *OXIDOREDUCTASES, isolation & purification/ PROTAMINES/ ULTRACENTRIFUGATION

5661. **Norton IL, Hartman FC:** Haloacetol phosphates. A comparative study of the active sites of yeast and muscle triose phosphate isomerase.
Biochemistry 11:4435-41, 21 Nov 72
*ACETONE/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AUTORADIOGRAPHY/ BINDING SITES/ *CARBOHYDRATE ISOMERASES/ CARBOHYDRATE ISOMERASES, analysis/ CARBOHYDRATE ISOMERASES, antagonists & inhibitors/ CARBOHYDRATE ISOMERASES, isolation & purification/ CHLORINE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GLUTAMATES/ MUSCLES, enzymology/ *ORGANOPHOSPHORUS COMPOUNDS/ PEPSIN/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PHOSPHORUS ISOTOPES/ RABBITS/ SACCHAROMYCES CEREVISIAE, enzymology/ TRIOSES/ TRITIUM/ TRYPSIN

5662. **Nosotti NM:** L'emofilia problema medico e sociale.
Minerva Med 63:4677-9, 1 Dec 72 (Ita)
BLOOD GROUP INCOMPATIBILITY/ BLOOD TRANSFUSION/ FACTOR VIII, analysis/ FACTOR IX, analysis/ FACTOR XI, analysis/ *HEMOPHILIA, therapy/ HUMAN/ JOINT DISEASES, complications/ MALE/ PLASMA VOLUME/ SEX FACTORS/ SOCIOECONOMIC FACTORS

5663. **Nosti JC, David JW:** Treatment of hypospadias by the Byars technique.
Plast Reconstr Surg 52:128-31, Aug 73
CHILD, PRESCHOOL/ HEMATOMA, complications/ HUMAN/ *HYPOSPADIAS, surgery/ INFANT/ MALE/ METHODS/ POSTOPERATIVE COMPLICATIONS/ STAPHYLOCOCCAL INFECTIONS, complications/ *SURGERY, PLASTIC/ TIME FACTORS/ URETHRA, surgery

5664. **Noterman J:** Tolérance au matériel étranger en neurochirurgie.
Acta Chir Belg 70:220-35, Mar 71 (Fre)
ACRYLIC RESINS/ ALLOYS/ BRAIN, surgery/ *CENTRAL NERVOUS SYSTEM, surgery/ ENGLISH ABSTRACT/ HEAD INJURIES, surgery/ *HEMOSTASIS/ HUMAN/ METHODS/ NERVE TISSUE, transplantation/ *PERIPHERAL NERVES, surgery/ PLASTICS/ *PROSTHESIS/ SUTURES/ TANTALUM/ TRANSPLANTATION, AUTOLOGOUS/ TRANSPLANTATION, HOMOLOGOUS

5665. **Notides AC, Hamilton DE, Rudolph JH:** The action of a human uterine protease on the estrogen receptor.
Endocrinology 93:210-6, Jul 73
ANILIDES, pharmacodynamics/ CENTRIFUGATION, DENSITY GRADIENT/ CYTOSOL, enzymology/ *ESTRADIOL/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ ISOFLUROPHATE, pharmacodynamics/ KETONES, pharmacodynamics/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, pharmacodynamics/ *RECEPTORS, HORMONE/ TRITIUM/ *UTERUS, enzymology

5666. **Notrica S, Klein MW, Miyada DS, et al:** Effect of chemical values of using polystyrene beads for serum separation. Clin Chem 19:792-3, Jul 73
ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ AUTOANALYSIS/ BILIRUBIN, blood/ BLOOD COAGULATION/ BLOOD PROTEINS, analysis/ BLOOD UREA NITROGEN/ CALCIUM, blood/ CHOLESTEROL, blood/ EVALUATION STUDIES/ HUMAN/ LACTATE DEHYDROGENASE, blood/ MICROSPHERES/ PHOSPHORUS, blood/ *POLYSTYRENES/ POTASSIUM, blood/ SERUM ALBUMIN, analysis/ SODIUM, blood/ TEMPERATURE/ TIME FACTORS/ URIC ACID, blood

5667. **Noussias M, Vorias N, Stavridis J, et al:** L'effet de la rate transplantée sur le facteur VIII de la coagulation sanguine (F.A.H.). (Travail expérimental.
Bull Soc Int Chir 31:331-8, Sep-Oct 72 (Fre)
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ DOGS/ ENGLISH ABSTRACT/ *FACTOR VIII, analysis/ RETICULOENDOTHELIAL SYSTEM, physiology/ *SPLEEN, transplantation/ TRANSPLANTATION, HOMOLOGOUS

5668. **Novak EN:** O vliianii aminazina na svertyvanie krovi.
Farmakol Toksikol 35:717-20, Nov-Dec 72 (Rus)
ANIMAL EXPERIMENTS/ ANTICOAGULANTS/ *BLOOD COAGULATION, drug effects/ *CHLORPROMAZINE, pharmacodynamics/ DOGS/ ENGLISH ABSTRACT/ FACTOR VIII, metabolism/ FACTOR IX, metabolism/ FIBRINOGEN, metabolism/ FIBRINOLYSIS, drug effects/ HEMOLYSIS, drug effects/ HEPARIN, metabolism/ PROTHROMBIN, metabolism/ THROMBIN, metabolism/ THROMBOPLASTIN, metabolism/ TIME FACTORS

5669. **Novak R:** Kontrola krvarenja prilikom prostatektomije.
Lijec Vjesn 95:210-2, Apr 73 (Cro)
DRAINAGE/ *HEMORRHAGE, prevention & control/ HEMOSTASIS/ HUMAN/ LIGATION/ MALE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *PROSTATECTOMY

5670. **Novak R:** Sur la cure de l'hydrocèle vaginale.
J Urol Nephrol (Paris) 79:47-9, Jan-Feb 73 (Fre)
ENGLISH ABSTRACT/ HEMATOMA, prevention & control/ HUMAN/ HYDROCELE, surgery/ MALE/ METHODS/ POSTOPERATIVE COMPLICATIONS, prevention & control/ SCROTUM, surgery

5671. **Novak RF, Bermes EW, Cassin B:** Platelet enzyme activity during storage. Lactic dehydrogenase, aldolase and electron microscopy correlation.
Transfusion 12:405-12, Nov-Dec 72
*ALDOLASE, blood/ BLOOD CELL COUNT/ *BLOOD PLATELETS, enzymology/ *BLOOD PRESERVATION/ BLOOD SUGAR/ HUMAN/ ISOENZYMES, blood/ *LACTATE DEHYDROGENASE, blood/ LACTATES, blood/ MICROSCOPY, ELECTRON/ ULTRASONICS

5672. **Novak RF, Dainiak N Jr:** The effect of infusion sets on platelet concentrates as measured by aggregometry.
Vox Sang 23:561-4, Dec 72
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE MONOPHOSPHATE, pharmacodynamics/ ADULT/ *BLOOD PLATELETS/ *BLOOD TRANSFUSION, instrumentation/ COLLAGEN, pharmacodynamics/ EDTA, pharmacodynamics/ HUMAN/ NYLON/ PLASTICS/ *PLATELET ADHESIVENESS/ SEROTONIN, pharmacodynamics

5673. **Novak RF, Dainiak N Jr:** The effect of infusion sets on platelet concentrates as measured by aggregometry.
Vox Sang 22:561-4, Dec 72
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE MONOPHOSPHATE, pharmacodynamics/ ADULT/ *BLOOD PLATELETS/ *BLOOD TRANSFUSION, instrumentation/ COLLAGEN, pharmacodynamics/ EDTA, pharmacodynamics/ HUMAN/ NYLON/ PLASTICS/ *PLATELET ADHESIVENESS/ SEROTONIN, pharmacodynamics

5674. **Novák V:** Ileus z adhezí. Rozbor operovaných za 151eté období.
Rozhl Chir 52:173-81, Mar 73 (Cze)
*ADHESIONS, complications/ ADHESIONS, surgery/ ADOLESCENCE/ ADULT/ AGED/ APPENDECTOMY, adverse effects/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *INTESTINAL OBSTRUCTION, etiology/ INTESTINAL OBSTRUCTION, surgery/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS

5675. **Novi AM, Baserga R:** Changes in chromatin template activity and their relationship to DNA synthesis in mouse parotid glands stimulated by isoproterenol.
J Cell Biol 55:554-62, Dec 72
ANIMAL EXPERIMENTS/ *CHROMATIN, drug effects/ CHROMATIN, enzymology/ *DNA, biosynthesis/ ESCHERICHIA COLI, enzymology/ ETHANOLAMINES, pharmacodynamics/ FEMALE/ ISOPROTERENOL, antagonists & inhibitors/ *ISOPROTERENOL, pharmacodynamics/ KINETICS/ LIVER, enzymology/ MICE/ PAROTID GLAND, cytology/ PAROTID GLAND, drug effects/ PAROTID GLAND, enzymology/ *PAROTID GLAND, metabolism/ PEPTIDE HYDROLASES, analysis/ PILOCARPINE, pharmacodynamics/ PUROMYCIN, pharmacodynamics/ RIBONUCLEASE, analysis/ RNA POLYMERASE/ STIMULATION, CHEMICAL/ TEMPLATES/ TRITIUM

5676. **Novitskii AA:** Mechanism likely to cause resistance to alimentary hypercholesterolaemia in rabbits.
Cor Vasa 13:280-90, 1971
ANIMAL EXPERIMENTS/ ASCORBIC ACID, biosynthesis/ ASCORBIC ACID DEFICIENCY, metabolism/ CHOLESTEROL, biosynthesis/ CHOLESTEROL, DIETARY/ DIET, ATHEROGENIC/ DISEASE MODELS, ANIMAL/ *HYPERCHOLESTEREMIA/ RABBITS

5677. **Novotný J, Dolejš L, Franěk F:** Uniformity and species-specific features of the N-terminal amino-acid sequence of porcine immunoglobulin lambda-chains.
Eur J Biochem 31:277-89, 4 Dec 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANTIBODY FORMATION/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CYANOGEN BROMIDE/ DISULFIDES/ ELECTROPHORESIS, PAPER/ EVOLUTION/ GEL FILTRATION/ GENES, STRUCTURAL/ HOMOSERINE, analysis/ HUMAN/ *IMMUNOGLOBULIN FRAGMENTS, analysis/ MASS SPECTRUM ANALYSIS/ METHIONINE, analysis/ MICE/ MODELS, BIOLOGICAL/ MUTATION/ PEPTIDES, analysis/ SPECIES SPECIFICITY/ SWINE, immunology/ TRYPSIN

5678. **Nowacki M, Dąbska M, Kulakowski A:** Mięsaki z tkanki naczyniowotwórczej.
Pol Tyg Lek 28:96-8, 15 Jan 73 (Pol)
ADOLESCENCE/ ADULT/ AGED/ *ANGIOSARCOMA/ ANGIOSARCOMA, radiotherapy/ ANGIOSARCOMA, surgery/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ *HEMANGIOPERICYTOMA/ HEMANGIOPERICYTOMA, radiotherapy/ HEMANGIOPERICYTOMA, surgery/ HUMAN/ MALE/ MIDDLE AGE

5679. **Nowacki M, Dąbska M, Kulakowski A:** Mięsaki z tkanki naczyniotwórczej. II. Haemangiopericytoma malignum.
Nowotwory 23:143-51, Jan-Jun 73 (Pol)
ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOPERICYTOMA/ HEMANGIOPERICYTOMA, pathology/ HEMANGIOPERICYTOMA, surgery/ HUMAN/ MALE/ MIDDLE AGE/ PROGNOSIS/ RECURRENCE

5680. **Nozawa Y:** Histopathological findings of the lung in collagen diseases--especially on their differential diagnosis.
Acta Pathol Jap 22:843-58, Nov 72
ARTHRITIS, RHEUMATOID, pathology/ AUTOPSY/ COLLAGEN DISEASES, diagnosis/ *COLLAGEN DISEASES, pathology/ DERMATOMYOSITIS, pathology/ DIAGNOSIS, DIFFERENTIAL/ FIBRIN, analysis/ GRANULOMA, pathology/ HISTOCYTOCHEMISTRY/ HUMAN/ *LUNG, pathology/ LUPUS ERYTHEMATOSUS, SYSTEMIC, pathology/ PERIARTERITIS NODOSA, pathology/ PULMONARY ALVEOLI, analysis/ PULMONARY ALVEOLI, pathology/ PULMONARY FIBROSIS, pathology/ RHEUMATIC FEVER, pathology/ SCLERODERMA, SYSTEMIC, pathology

5681. **Nurse DS:** The evolution of cutis marmorata into naevus anaemicus.
Br J Dermatol 88:204-5, Feb 73
CHILD, PRESCHOOL/ COLD, adverse effects/ FEMALE/ *HEMANGIOMA, etiology/ HUMAN/ *INFANT, NEWBORN, DISEASES/ *PIGMENTATION/ *SKIN DISEASES, etiology

5682. **Nützenadel W, Lutz P, Bickel H:** Tyrosinose. Primäre und sekundäre biochemische Veränderungen.
Z Kinderheilkd 113:193-204, 1972 (Ger)
AGE FACTORS/ *AMINO ACID METABOLISM, INBORN ERRORS, therapy/ CHILD, PRESCHOOL/ DIET THERAPY/ ENGLISH ABSTRACT/ GLUCAGON/ GLUCOSE/ HUMAN/ HYPOGLYCEMIA/ INFANT/ INFANT, NEWBORN/ LIVER FUNCTION TESTS/ METHIONINE, blood/ METHIONINE, metabolism/ PHENYLALANINE, administration & dosage/ PHOSPHATES, blood/ PROTEINS, biosynthesis/ RICKETS, drug therapy/ STATISTICS/ THROMBOPENIA/ TIME FACTORS/ TYROSINE, blood/ *TYROSINE, metabolism/ VOMITING

5683. **Nydegger UE, Miescher A, Anner RM, et al:** Serum and cellular factor involvement in nitroblue tetrazolium (NBT) reduction by human neutrophils.
Klin Wochenschr 51:377-82, 15 Apr 73
*AZOLES/ *BACTERIAL INFECTIONS, blood/ CYTOCHALASIN B, pharmacodynamics/ EDTA/ ENDOTOXINS, pharmacodynamics/ ESCHERICHIA COLI/ HEPARIN, pharmacodynamics/ HUMAN/ METHODS/ *NEUTROPHILS/ NEUTROPHILS, drug effects/ *PHAGOCYTOSIS/ PREDNISOLONE, pharmacodynamics/ STAINS AND STAINING/ TETRAZOLES, pharmacodynamics

O

5684. **O SK, Travis J, Brewer JM:** Cysteines in yeast enolase.
Biochim Biophys Acta 310:421-9, 15 Jun 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BENZOATES/ CARBON ISOTOPES/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, ION EXCHANGE/ CYSTEINE, analysis/ DANSYL COMPOUNDS/ DISULFIDES/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, PAPER/ IODOACETATES/ KINETICS/ MACROMOLECULAR SYSTEMS/ MERCURY/ NITRO COMPOUNDS/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ *PHOSPHOPYRUVATE HYDRATASE, analysis/ PHOSPHOPYRUVATE HYDRATASE, antagonists & inhibitors/ *SACCHAROMYCES CEREVISIAE, enzymology/ THIOCYANATES/ TRYPSIN/ UREA

5685. **O TH, Naidoo SS, Jaques LB:** The uptake and disposition of S 35 -heparin by macrophages in vitro.

J Reticuloendothel Soc 13:134-42, Feb 73
ANIMAL EXPERIMENTS/ CELLS, CULTURED/ DNA, analysis/ *HEPARIN, metabolism/ IN VITRO/ *MACROPHAGES, metabolism/ METHODS/ MICE/ MUCOPOLYSACCHARIDES, metabolism/ PERITONEUM, cytology/ PROTEINS, analysis/ SULFUR ISOTOPES

5686. **O YH, Conard RA:** Further studies on mitogenic components of Phaseolus vulgaris phytohemagglutinin: subunit structure.
Arch Biochem Biophys 152:631-7, Oct 72
AMINO ACIDS, analysis/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ DANSYL COMPOUNDS/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, PAPER/ HEXOSAMINES, analysis/ HEXOSES, analysis/ HUMAN/ LYMPHOCYTE TRANSFORMATION/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ *PHYTOMITOGENS, analysis/ PLANT AGGLUTININS, analysis/ *PLANT AGGLUTININS, analysis/ SODIUM DODECYL SULFATE/ TRYPSIN/ UREA

5687. **O-Ishi S, Sakuma A, Katori M:** Kininase activity in equine plasma.
Biochem Pharmacol 21:3078-82, 15 Nov 72
ANIMAL EXPERIMENTS/ BRADYKININ, metabolism/ CHELATING AGENTS, pharmacodynamics/ DRUG SYNERGISM/ GUINEA PIGS/ HORSES/ HYDROGEN-ION CONCENTRATION/ KININASE II, antagonists & inhibitors/ KININASE II, blood/ MALE/ MATHEMATICS/ METALS, pharmacodynamics/ *PEPTIDE PEPTIDOHYDROLASES, blood/ RATS/ SPECIES SPECIFICITY

5688. **Obdu N, Rusu M:** Metode actuale în explorarea şi terapeutica neuorchirurgicală a vasculopatiilor cerebrale.
Neurol Psihiatr Neurochir 17:321-32, Jul-Aug 72 (Rum)
ARTERIOVENOUS MALFORMATIONS, diagnosis/ CEREBRAL ANEURYSM, diagnosis/ CEREBRAL ANGIOGRAPHY/ CEREBRAL EMBOLISM AND THROMBOSIS, diagnosis/ *CEREBROVASCULAR DISORDERS, diagnosis/ CEREBROVASCULAR DISORDERS, surgery/ ECHOENCEPHALOGRAPHY/ ELECTROENCEPHALOGRAPHY/ HEMATOMA, diagnosis/ HUMAN/ NEUROSURGERY/ PLETHYSMOGRAPHY, IMPEDANCE/ PNEUMOENCEPHALOGRAPHY/ THERMOGRAPHY/ THROMBOPHLEBITIS, diagnosis/ TOMOGRAPHY/ VENTRICULOGRAPHY

5689. **Oberg BF, Shatkin AJ:** Initiation of picornavirus protein synthesis in ascites cell extracts.
Proc Natl Acad Sci USA 69:3589-93, Dec 72
CARCINOMA, EHRLICH TUMOR/ CELL-FREE SYSTEM/ CELLS, CULTURED/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENCEPHALOMYOCARDITIS VIRUSES, metabolism/ GENETIC CODE/ KINETICS/ MENGO VIRUS, metabolism/ METHIONINE, metabolism/ MICE/ PEPTIDE CHAIN INITIATION/ PEPTIDES, analysis/ *PICORNAVIRUS, metabolism/ RABBITS/ RNA, TRANSFER, metabolism/ RNA, VIRAL, metabolism/ SULFUR ISOTOPES/ *TRANSLATION, GENETIC/ TRYPSIN, metabolism/ VIRAL PROTEINS, analysis/ *VIRAL PROTEINS, biosynthesis/ VIRAL PROTEINS, metabolism

5690. **Oberhardt BJ, Lalezari P, Jiang AF:** A physicochemical approach to the characterization of red cell antigen-antibody systems.
Immunology 24:445-53, Mar 73
AMINES/ *ANTIGEN-ANTIBODY COMPLEX/ ANTIGEN-ANTIBODY REACTIONS/ BLOOD GROUPS/ *ERYTHROCYTES, immunology/ HEAT/ HEPARIN ANTAGONISTS/ HUMAN/ KINETICS/ MATHEMATICS

5691. **Oberholzer D, Lowe JP:** The use of heparin in meningococcal disease.
Proc Mine Med Off Assoc 51:25-31, Jan-Apr 72
ADULT/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, prevention & control/ FIBRINOGEN, analysis/ HEPARIN, adverse effects/ *HEPARIN, therapeutic use/ HUMAN/ IGM, analysis/ *MENINGOCOCCAL INFECTIONS, drug therapy/ MENINGOCOCCAL INFECTIONS, immunology/ SHOCK, ENDOTOXIC, prevention & control

5692. **O'Brien JR:** Platelet membrane mucopolysaccharides: some relevant observations.
Ann NY Acad Sci 201:316-28, 27 Oct 72
ADENOSINE DIPHOSPHATE, metabolism/ ASPIRIN, pharmacodynamics/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS, metabolism/ *CELL MEMBRANE, metabolism/ ERYTHROCYTES, metabolism/ GEL FILTRATION/ *GLYCOPROTEINS, blood/ HEPARIN/ HUMAN/ MICROSCOPY, ELECTRON/ *MUCOPOLYSACCHARIDES, blood/ NEURAMINIDASE, pharmacodynamics/ PHOSPHOLIPIDS, blood/ STAINS AND STAINING

5693. **O'Brien JR:** The mechanisms of venous thrombosis. Anticoagulants, aspirin, and heparin.
Mod Concepts Cardiovasc Dis 42:11-5, Mar 73 (14 ref.)
*ANTICOAGULANTS, therapeutic use/ *ASPIRIN, therapeutic use/ BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ FIBRINOGEN, physiology/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, INTRADERMAL/ IODINE ISOTOPES, DIAGNOSTIC/ PLATELET ADHESIVENESS/ REVIEW/ THROMBOPHLEBITIS, drug therapy/ *THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, physiopathology

5694. **O'Brien JR:** Heparin, platelets, and venous thrombosis.
Am Heart J 85:435-8, Apr 73 (16 ref.)
ADENOSINE DIPHOSPHATE, secretion/ BLOOD COAGULATION FACTORS, antagonists & inhibitors/ BLOOD COAGULATION FACTORS, physiology/ *BLOOD PLATELETS/ BLOOD PLATELETS, secretion/ DEPRESSION, CHEMICAL/ FIBRINOGEN, diagnostic use/ *HEPARIN, therapeutic use/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ LIPOPROTEIN LIPASE, blood/ PLATELET ADHESIVENESS, drug effects/ POSTOPERATIVE COMPLICATIONS, etiology/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ REVIEW/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, prevention & control

5695. **O'Brien JR:** Platelet function tests and thrombosis.
Adv Exp Med Biol 34:43-54, 1972 (10 ref.)
BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS/ COLLAGEN/ GLASS/ HEPARIN ANTAGONISTS/ PHOSPHOLIPIDS/ PLATELET ADHESIVENESS/ REVIEW/ THROMBOSIS, blood/ *THROMBOSIS, blood/ VON WILLEBRAND'S DISEASE, blood

5696. **O'Brien JR:** The bleeding-time. Lancet 2:653, 23 Sep 72
BLOOD CELL COUNT/ *BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, physiology/ HUMAN/ TIME FACTORS

5697. **O'Brien JR, Jamieson S, Etherington M, et al:** Stressed template bleeding-time and other platelet-function tests in myocardial infarction.
Lancet 1:694-6, 31 Mar 73
AGED/ ARTERIOSCLEROSIS, metabolism/ *BLOOD COAGULATION TESTS/ *BLOOD PLATELETS/ BLOOD PLATELETS, metabolism/ HEMOSTASIS/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ *MYOCARDIAL INFARCT, blood/ SEX FACTORS/ SKIN TEMPERATURE/ SMOKING, complications/ THROMBOPHLEBITIS, blood/ TIME FACTORS

5698. **O'Brien RA, Boullin DJ:** Accumulation, storage and

release of adrenergic neuron blocking agents and related drugs by human platelets.
Biochem Pharmacol 21:1817-27, 1 Jul 72
AMILORIDE, metabolism/ BINDING SITES/ *BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ COCAINE, metabolism/ DESIPRAMINE, metabolism/ DEXTRO AMPHETAMINE, metabolism/ ETHYLMALEIMIDE, metabolism/ GUANETHIDINE, metabolism/ GUANIDINES, metabolism/ HUMAN/ IODOACETATES, metabolism/ ISOQUINOLINES, metabolism/ OUABAIN, metabolism/ *PARASYMPATHOLYTICS, metabolism/ QUINIDINE, metabolism/ RESERPINE, metabolism/ SEROTONIN, metabolism/ TRITIUM

5699. **Obrink B:** The influence of glycosaminoglycans on the formation of fibers from monomeric tropocollagen in vitro. Eur J Biochem 34:129-37, 2 Apr 73
CHONDROITIN/ *COLLAGEN/ COLLAGEN, analysis/ DENSITOMETRY/ HEPARIN/ HEPARITIN SULFATE/ HYALURONIC ACID/ IN VITRO/ LATHYRISM/ LIGHT/ MACROMOLECULAR SYSTEMS/ *MUCOPOLYSACCHARIDES/ RATS/ SCATTERING/ SKIN, analysis/ SULFATES/ *TROPOCOLLAGEN

5700. **Obrink B:** A study of the interactions between monomeric tropocollagen and glycosaminoglycans.
Eur J Biochem 33:387-400, 1 Mar 73
ANIMAL EXPERIMENTS/ CHONDROITIN/ COLLAGEN, isolation & purification/ DENSITOMETRY/ GLUCURONATES/ HEPARIN/ HEPARITIN SULFATE/ HYALURONIC ACID/ LATHYRISM/ LIGHT/ MATHEMATICS/ *MUCOPOLYSACCHARIDES/ OSMOLAR CONCENTRATION/ PRECIPITATION/ PROTEIN BINDING/ RATS/ SCATTERING/ SKIN, analysis/ SULFURIC ACIDS/ *TROPOCOLLAGEN/ URONIC ACIDS

5701. **O'Callaghan DJ, Russell JG:** Dental haemorrhage and haemophilia. J Ir Med Assoc 66:215-7, 28 Apr 73
AMINOCAPROIC ACID, therapeutic use/ *HEMOPHILIA, complications/ HEMOPHILIA, diagnosis/ HEMORRHAGE, ORAL, drug therapy/ HEMORRHAGE, ORAL, etiology/ HEMORRHAGE, ORAL, prevention & control/ *HEMORRHAGE, ORAL, therapy/ HUMAN/ MEDICAL HISTORY TAKING/ TOOTH EXTRACTION, adverse effects

5702. **Ocaña Losa JM, Martínez Caro A:** Lesiones abdominales traumáticas en niños.
Rev Esp Enferm Apar Dig 39:171-8, 15 Jan 73 (Spa)
*ABDOMINAL INJURIES/ CHILD/ CHILD, PRESCHOOL/ COMMON BILE DUCT, injuries/ DIAPHRAGMATIC HERNIA, TRAUMATIC/ DUODENUM, injuries/ ENGLISH ABSTRACT/ FEMALE/ HEMATOMA, etiology/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ INFANT/ MALE/ PANCREAS, injuries/ SPLENIC RUPTURE

5703. **Ochocka M:** Żółtaczka zakaźna a niewydolność utkania szpikowego panmyelophthisis.
Acta Haematol Pol 3:89-92, Jan-Mar 72 (Pol)
ADOLESCENCE/ *ANEMIA, APLASTIC, etiology/ ANEMIA, APLASTIC, pathology/ AUTOPSY/ ENGLISH ABSTRACT/ EPISTAXIS, etiology/ FEMALE/ HEMATOMA, SUBDURAL, pathology/ HEMORRHAGE, etiology/ HEMORRHAGIC DIATHESIS, etiology/ *HEPATITIS, INFECTIOUS, complications/ HUMAN/ SPLENOMEGALY, diagnosis/ TIME FACTORS

5704. **Ochonský P:** Studie k edému po amputaci kořenového hrotu a chirurgické extrakci dolního zubu moudrosti.
Cesk Stomatol 73:60-6, Jan 73 (Cze)
*ANTI-INFLAMMATORY AGENTS, therapeutic use/ *APICOECTOMY/ CLINICAL RESEARCH/ *EDEMA, prevention & control/ ENGLISH ABSTRACT/ HUMAN/ MANDIBLE/ MOLAR/ PENICILLIN, therapeutic use/ PHENYLBUTAZONE, therapeutic use/ POSTOPERATIVE COMPLICATIONS/ *TOOTH, IMPACTED, surgery/ TRISMUS, prevention & control/ TRYPSIN, therapeutic use

5705. **Ochsenschläger A, Böttger E:** Angioma racemosum der Niere. Z Urol Nephrol 66:215-9, Mar 73 (Ger)
ADULT/ ANGIOGRAPHY/ FEMALE/ *HEMANGIOMA, radiography/ HUMAN/ *KIDNEY NEOPLASMS, radiography/ UROGRAPHY

5706. **Ochsner JL, Mills NL, Leonard GL, et al:** Fresh autologous blood transfusions with extracorporeal circulation. Ann Surg 177:811-7, Jun 73
ADOLESCENCE/ ADULT/ AGED/ BLOOD COAGULATION/ BLOOD PLATELETS/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION, AUTOLOGOUS/ BLOOD VISCOSITY/ BLOOD VOLUME/ CHILD/ CHILD, PRESCHOOL/ COMPARATIVE STUDY/ *EXTRACORPOREAL CIRCULATION/ FEMALE/ FIBRINOGEN/ *HEART SURGERY/ HEMATOCRIT/ HEPATITIS, HOMOLOGOUS SERUM, etiology/ HUMAN/ INFANT/ MALE/ MIDDLE AGE/ PROTHROMBIN TIME/ THROMBOPLASTIN

5707. **Ockerman PA, Braconier JH, Eriksson O:** Normotest in acute hepatitis and chronic liver disease.
Scand J Gastroenterol [Suppl] 19:83-91, 1973
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ ALANINE AMINOTRANSFERASE, blood/ ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ BIOPSY/ BLOOD COAGULATION FACTORS, analysis/ BLOOD PROTEIN ELECTROPHORESIS/ CHILD/ CHRONIC DISEASE/ FEMALE/ HAPTOGLOBINS, analysis/ *HEPATITIS, HOMOLOGOUS SERUM, blood/ *HEPATITIS, INFECTIOUS, blood/ HUMAN/ INDICATORS AND REAGENTS/ IRON, blood/ LACTATE DEHYDROGENASE, blood/ *LIVER CIRRHOSIS, blood/ *LIVER DISEASES, blood/ LIVER DISEASES, enzymology/ LIVER FUNCTION TESTS/ MALE/ METHODS/ MIDDLE AGE/ SULFOBROMOPHTHALEIN, diagnostic use/ THYMOL, diagnostic use/ TRANSFERRIN, analysis/ UROBILINOGEN, analysis

5708. **O'Collins J:** Plication sutures for prevention of scrotal haematoma. Med J Aust 2:1148-9, 11 Nov 72
ADULT/ CASE REPORT/ EPIDIDYMIS, surgery/ *HEMATOMA, prevention & control/ HUMAN/ MALE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *SCROTUM/ *SUTURE TECHNICS/ TESTICULAR DISEASES, surgery/ TUBERCULOSIS, MALE GENITAL, surgery

5709. **Odake K:** [Function and metabolism of the platelets]
Jap J Clin Med 31:775-82, Apr 73 (48 ref.) (Jap)
ADENINE NUCLEOTIDES, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ BLOOD COAGULATION/ *BLOOD PLATELETS/ BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, physiology/ HUMAN/ PLATELET ADHESIVENESS/ REVIEW

5710. **Odani S, Ikenaka T:** Studies on soybean trypsin inhibitors. IV. Complete amino acid sequence and the anti-proteinase sites of Bowman-Birk soybean proteinase inhibitor.
J Biochem (Tokyo) 71:839-48, May 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BINDING SITES/ CARBOXYPEPTIDASES/ CHYMOTRYPSIN/ CHYMOTRYPSIN, antagonists & inhibitors/ CYANOGEN BROMIDE/ GEL FILTRATION/ HYDROLYSIS/ PEPTIDES, analysis/ *SOY BEANS/ *TRYPSIN INHIBITORS

5711. **Odani S, Koide T, Ikenaka T:** Studies on soybean trypsin inhibitors. 3. Isolation and sequence determination of the tryptic peptides of Bowman-Birk soybean proteinase inhibitor.
J Biochem (Tokyo) 71:831-8, May 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CARBOXYPEPTIDASES, analysis/ CHYMOTRYPSIN/ ELECTROPHORESIS,

PAPER/ GEL FILTRATION/ MOLECULAR WEIGHT/ PEPTIDES, analysis/ *SOY BEANS/ TRYPSIN/ *TRYPSIN INHIBITORS

5712. **Odegaard AE:** Undersøkelse av interaksjon mellom warfarin og diazepam.
Tidsskr Nor Laegeforen 92:1520-1, 30 Aug 72 (Nor)
AGED/ BLOOD COAGULATION, drug effects/ DIAZEPAM, blood/ *DIAZEPAM, pharmacodynamics/ DRUG INTERACTIONS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ TIME FACTORS/ *WARFARIN, antagonists & inhibitors

5713. **O'Dell WD, Stevens AR:** Quantitative growth of Naegleria in axenic culture.
Appl Microbiol 25:621-7, Apr 73
AIR/ CASEIN/ CATTLE, immunology/ CELL LINE/ CULTURE MEDIA/ ERYTHROCYTES/ ESCHERICHIA COLI/ GERM-FREE LIFE/ GLUCOSE/ HEAT/ IMMUNE SERUMS/ KIDNEY/ MONKEYS/ PEPTONES/ SACCHAROMYCES/ *SARCODINA, growth & development/ SARCODINA, isolation & purification/ SARCODINA, pathogenicity/ SHEEP/ TRYPSIN

5714. **Odesskaia TA:** Dinamicheskaia funktsiia trombotsitov (obzor literatury.
Probl Gematol Pereliv Krovi 17:47-53, Jul 72 (117 ref.) (Rus)
ADENOSINE DIPHOSPHATE, physiology/ ADENOSINE TRIPHOSPHATASE, physiology/ ADENOSINE TRIPHOSPHATE, physiology/ BLOOD COAGULATION/ BLOOD PLATELET DISORDERS, physiopathology/ BLOOD PLATELETS, cytology/ BLOOD PLATELETS, enzymology/ BLOOD PLATELETS, metabolism/ *BLOOD PLATELETS, physiology/ HEMOSTASIS/ HUMAN/ MICROSCOPY, ELECTRON/ PLATELET ADHESIVENESS/ REVIEW

5715 **Odom MH, Hurt JP, Krigman MR:** The induction of thrombosis in guinea pigs by a brain tumor.
Lab Invest 27:550-4, Dec 72
AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ ARTERIES, pathology/ BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION DISORDERS, pathology/ BLOOD COAGULATION FACTORS, analysis/ BLOOD PLATELETS/ BRAIN NEOPLASMS, blood/ *BRAIN NEOPLASMS, complications/ BRAIN NEOPLASMS, pathology/ FIBRINOLYSIS, drug effects/ *GLIOBLASTOMA MULTIFORME, complications/ GUINEA PIGS/ HUMAN/ MALE/ NEOPLASM TRANSPLANTATION/ NEOPLASMS, EXPERIMENTAL/ THROMBOSIS, blood/ *THROMBOSIS, etiology/ THROMBOSIS, pathology/ TRANSPLANTATION, HETEROLOGOUS

5716. **O'Donnell IJ:** The complete amino acid sequence of a feather keratin from emu (Dromaius novae-hollandiae). Aust J Biol Sci 26:415-35, Apr 73
AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ *BIRDS/ CHYMOTRYPSIN/ ELECTROPHORESIS, PAPER/ *FEATHERS, analysis/ FORMIC ACIDS/ HYDROLYSIS/ *KERATIN, analysis/ PAPAIN/ PEPSIN/ PEPTIDES, analysis/ SOLUBILITY/ THERMOLYSIN/ TRYPSIN

5717. **O'Donoghue EP:** Case history: hypofibrinogenaemia.
World Ir Nurs 1:207-9, Oct 72
AFIBRINOGENEMIA/ FETAL DEATH/ PREGNANCY COMPLICATIONS, HEMATOLOGIC/ SPECIAL LIST NURSING

5718. **O'Driscoll KF, Izu M, Korus R:** Gel entrapment of enzymes. Biotechnol Bioeng 14:847-50, Sep 72
ACRYLATES/ GELS/ HYDROGEN-ION CONCENTRATION/ METHODS/ POLYVINYLPYRROLIDONE/ PROTEIN BINDING/ TIME FACTORS/ *TRYPSIN, isolation & purification

5719. **Odushko NP:** Intensivnost' sinteza razlichnykh fraktsii ribonukleinovykh kislot pecheni pod vliianiem aterogennoĭ diety.
Vopr Pitan 31:26-9, Jul-Aug 72 (Rus)
ANIMAL EXPERIMENTS/ CELL NUCLEUS, metabolism/ *DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ *LIVER, metabolism/ MITOCHONDRIA, LIVER, metabolism/ PHOSPHORUS ISOTOPES/ RATS/ *RNA, biosynthesis/ RNA, MESSENGER, biosynthesis/ RNA, RIBOSOMAL, biosynthesis/ RNA, TRANSFER, biosynthesis

5720. **Oehler G, Huth K, Schmahl FW, et al:** Uränderungen der Lipoproteinlipaci bei Pancreatitis.
Klin Wochenschr 51:350-1, 1 Apr 73 (Ger)
ADULT/ AGED/ BLOOD PROTEIN ELECTROPHORESIS/ CHOLESTEROL, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERLIPEMIA, complications/ LIPOPROTEIN LIPASE, blood/ *LIPOPROTEIN LIPASE, metabolism/ LIPOPROTEINS, blood/ MALE/ MIDDLE AGE/ *PANCREATITIS, enzymology/ PANCREATITIS, etiology/ TRIGLYCERIDES, blood

5721. **Ofek I, Bergner-Rabinowitz S, Brand-Auraban A, et al:** [Antibodies to streptozyme and antistreptolysin O in acute glomerulonephritis following streptococcal skin infection]
Harefuah 83:414-5, 15 Nov 72 (Heb)
ACUTE DISEASE/ ADOLESCENCE/ *ANTIBODIES, analysis/ ANTISTREPTOLYSIN, analysis/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ GLOMERULONEPHRITIS, etiology/ *GLOMERULONEPHRITIS, immunology/ HEMAGGLUTINATION TESTS/ HUMAN/ ISRAEL/ *SKIN DISEASES, INFECTIOUS, complications/ SKIN DISEASES, INFECTIOUS, immunology/ *STREPTOCOCCAL INFECTIONS, complications/ STREPTOCOCCAL INFECTIONS, immunology/ STREPTOKINASE/ STREPTOLYSIN

5722. **Ofek I, Kaplan O, Bergner-Rabinowitz S, et al:** Antibody tests in streptococcal pharyngitis. Streptozyme versus conventional methods.
Clin Pediatr (Phila) 12:341-4, Jun 73
ANTIBODIES, analysis/ *ANTIBODY FORMATION/ ANTIGEN-ANTIBODY REACTIONS/ ANTIGENS, BACTERIAL/ ANTISTREPTOLYSIN, analysis/ CHILD/ COMPARATIVE STUDY/ DEOXYRIBONUCLEASE, antagonists & inhibitors/ EVALUATION STUDIES/ HUMAN/ HYALURONIDASE, antagonists & inhibitors/ METHODS/ NAD/ NUCLEOTIDASES, antagonists & inhibitors/ PHARYNGITIS, enzymology/ *PHARYNGITIS, immunology/ PHARYNGITIS, microbiology/ *STREPTOCOCCAL INFECTIONS, immunology/ STREPTOKINASE, antagonists & inhibitors/ TIME FACTORS

5723. **Offret G, Guyot C:** Etude de l'action du dobésilate de calcium en ophtalmologie.
Arch Ophtalmol (Paris) 32:241-4, Mar 72 (Fre)
CALCIUM, adverse effects/ CALCIUM, therapeutic use/ CATARACT EXTRACTION/ *DIABETIC RETINOPATHY, drug therapy/ ENGLISH ABSTRACT/ EYE, surgery/ HEMORRHAGE, prevention & control/ *HEMOSTATICS, therapeutic use/ HUMAN/ *HYDROQUINONES, therapeutic use/ LIGHT COAGULATION/ *SULFONIC ACIDS, therapeutic use

5724. **Ogawa K:** Studies on flagellar ATPase from sea urchin spermatozoa. II. Effect of trypsin digestion on the enzyme. Biochim Biophys Acta 293:514-25, 15 Feb 73
*ADENOSINE TRIPHOSPHATASE, analysis/ ADENOSINE TRIPHOSPHATASE, isolation & purification/ ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ APOPROTEINS, metabolism/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ *FLAGELLA, enzymology/

HYDROXYAPATITE/ MICROTUBULES, metabolism/ POLYSACCHARIDES/ PROTEIN DENATURATION/ SEA URCHINS/ SPERMATOZOA, cytology/ *SPERMATOZOA, enzymology/ TRYPSIN/ ULTRAFILTRATION

5725. **Ogilvie CM, Parry EW, Murray GH:** Pancreatitis and basal emphysema. Br Med J 4:610-1, 9 Dec 72
DYSPNEA, complications/ HUMAN/ MALE/ MIDDLE AGE/ *PANCREATITIS, complications/ PANCREATITIS, enzymology/ PULMONARY EMPHYSEMA, enzymology/ *PULMONARY EMPHYSEMA, etiology/ TRYPSIN, blood

5726. **Ogleznev KIa, Pisarevskii AA, Muchnik MS, et al:** Okkliuziia sinusa ballonom kak metod gemostaza pri manipuliatsiiakh na sinusakh golovnogo mozga. Eksp Khir Anesteziol 17:22-3, Sep-Oct 72 (Rus)
ANIMAL EXPERIMENTS/ CATHETERIZATION/ *CEREBRAL HEMORRHAGE, surgery/ *CRANIAL SINUSES, blood supply/ DOGS/ ENGLISH ABSTRACT/ *HEMOSTASIS

5727. **Ognev IuV, Mitronov IA:** Kininovaia sistema pri ostrom pankreatite.
Vestn Khir 108:132-5, Sep 72 (22 ref.) (Rus)
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ BRADYKININ, metabolism/ DOGS/ HUMAN/ KALLIDIN, metabolism/ KALLIKREIN, metabolism/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ KINETICS/ KININOGENS, analysis/ *KININS, metabolism/ KININS, pharmacodynamics/ PANCREATITIS, blood/ PANCREATITIS, complications/ PANCREATITIS, drug therapy/ PANCREATITIS, enzymology/ PANCREATITIS, metabolism/ PANCREATITIS, physiopathology/ REVIEW/ SHOCK, prevention & control/ TRYPSIN, metabolism/ TRYPSIN INHIBITORS, metabolism

5728. **Ogston D:** Relationships between the haemostatic, complement and kinin-forming systems.
Br J Haematol 25:273, Aug 73
ANIMAL EXPERIMENTS/ *COMPLEMENT/ FACTOR V/ FACTOR VIII/ FACTOR XII/ FIBRINOLYSIS/ *HOMEOSTASIS/ *KININS, biosynthesis/ RABBITS

5729. **Ogston D, Bennett B, Herbert RJ, et al:** The inhibition of urokinase by alpha 2 -macroglobulin.
Clin Sci 44:73-9, Jan 73
*ANTIFIBRINOLYTIC AGENTS/ ARGININE/ CATTLE/ DIPEPTIDES/ ESTERS/ EXERTION/ FIBRIN/ GLYCINE/ HUMAN/ HYDROLYSIS/ KINETICS/ LYSINE/ *MACROGLOBULINS/ PLASMINOGEN/ SERUM GLOBULINS/ SULFONIC ACIDS/ TOLUENE

5730. **Ogston D, Bennett NB, Crawford GP, et al:** The effect of clofibrate on components of the fibrinolytic enzyme system. Atherosclerosis 16:273-6, Sep-Oct 72
ADULT/ ALPHA GLOBULIN, blood/ ANTIFIBRINOLYTIC AGENTS, blood/ CHOLESTEROL, blood/ CLOFIBRATE, administration & dosage/ *CLOFIBRATE, pharmacodynamics/ DEPRESSION, CHEMICAL/ FEMALE/ *FIBRINOGEN, blood/ *FIBRINOLYSIS, drug effects/ HUMAN/ MACROGLOBULINS, analysis/ MALE/ MIDDLE AGE/ TRYPSIN INHIBITORS, blood

5731. **Ogston D, Dawson A:** The fibrinolytic enzyme system in malignant lymphomas.
Acta Haematol (Basel) 49:89-95, 1973
DISSEMINATED INTRAVASCULAR COAGULATION, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FIBRINOGEN, metabolism/ *FIBRINOLYSIS/ HODGKIN'S DISEASE, enzymology/ LYMPHOMA, blood/ LYMPHOMA, complications/ *LYMPHOMA, enzymology/ LYMPHOSARCOMA, enzymology/ PLASMINOGEN, metabolism/ SARCOMA, RETICULUM CELL, enzymology/ TRYPSIN INHIBITORS

5732. **Ogston D, Dawson AA, Adam HM:** The fibrinolytic enzyme system in leukaemia, myelomatosis and myeloproliferative diseases.
Acta Haematol (Basel) 48:322-30, 1972
ADULT/ AGED/ BLOOD CELL COUNT/ BLOOD PLATELETS/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HUMAN/ LEUKEMIA, blood/ LEUKEMIA, complications/ *LEUKEMIA, enzymology/ MACROGLOBULINS, analysis/ MALE/ MIDDLE AGE/ MULTIPLE MYELOMA, blood/ MULTIPLE MYELOMA, complications/ *MULTIPLE MYELOMA, enzymology/ MYELOPROLIFERATIVE DISORDERS, blood/ MYELOPROLIFERATIVE DISORDERS, complications/ *MYELOPROLIFERATIVE DISORDERS, enzymology/ PLASMINOGEN, analysis/ THROMBOPENIA, complications/ TRYPSIN INHIBITORS, analysis

5733. **Oh W, Hickman R, Emanuel R, et al:** Heart valve surgery in 114 patients over the age of 60.
Br Heart J 35:174-80, Feb 73
AGE FACTORS/ AGED/ ANTICOAGULANTS, adverse effects/ *AORTIC VALVE, surgery/ AORTIC VALVE, transplantation/ ELECTROCARDIOGRAPHY/ EXTRACORPOREAL CIRCULATION, adverse effects/ FEMALE/ FOLLOW-UP STUDIES/ HEART ENLARGEMENT, surgery/ HEART FAILURE, CONGESTIVE, surgery/ HEART VALVE DISEASES, mortality/ *HEART VALVE DISEASES, surgery/ *HEART VALVE PROSTHESIS/ HUMAN/ MALE/ MIDDLE AGE/ *MITRAL VALVE, surgery/ MITRAL VALVE, transplantation/ POSTOPERATIVE COMPLICATIONS/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS

5734. **Oh W, Somerville J, Ross DN, et al:** Mitral valve replacement with preserved cadaveric aortic homografts.
J Thorac Cardiovasc Surg 65:712-21, May 73
ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ *AORTIC VALVE, transplantation/ CADAVER/ ENDOCARDITIS, BACTERIAL, etiology/ ETHYLENE OXIDE/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ MITRAL VALVE INSUFFICIENCY, etiology/ MITRAL VALVE INSUFFICIENCY, mortality/ *MITRAL VALVE INSUFFICIENCY, surgery/ POSTOPERATIVE COMPLICATIONS, mortality/ RADIATION EFFECTS/ STERILIZATION/ THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, prevention & control/ TISSUE PRESERVATION/ TRANSPLANTATION, HOMOLOGOUS

5735. **Ohama K, Kajii T:** Monosomy 21 in spontaneous abortus. Humangenetik 16:267-70, 1972
*ABORTION, MISSED, diagnosis/ ADULT/ AMNION, cytology/ *ANEUPLOIDY/ *CHROMOSOMES, HUMAN, 21-22/ CYTODIAGNOSIS/ FEMALE/ HUMAN/ KARYOTYPING/ PREGNANCY/ STAINS AND STAINING/ TRYPSIN

5736. **O'Hara I, Kijima M:** Experimental study on transplantation of abdominal inferior vena cava with teflon prosthesis having supporting rings and supplementary anticoagulant therapy.
Bull Soc Int Chir 32:97-100, Jan-Feb 73
ANIMAL EXPERIMENTS/ BLOOD VESSEL PROSTHESIS/ DOGS/ HEMORRHAGE, complications/ HEPARIN, therapeutic use/ PHLEBOGRAPHY/ POLYTETRAFLUOROETHYLENE/ POSTOPERATIVE COMPLICATIONS/ PROSTHESIS DESIGN/ SHOCK, complications/ THROMBOSIS, drug therapy/ TRANSPLANTATION, AUTOLOGOUS/ *VENA CAVA, INFERIOR, transplantation

5737. **Ohlsson K, Olsson I:** The neutral proteases of human granulocytes. Isolation and partial characterization of two granulocyte collagenases.
Eur J Biochem 36:473-81, 16 Jul 73
AMINO ACIDS, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN

LAYER/ CLOSTRIDIOPEPTIDASE A, antagonists & inhibitors/ *CLOSTRIDIOPEPTIDASE A, isolation & purification/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FIBRINOGEN/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IMMUNOELECTROPHORESIS/ *LEUKEMIA, MYELOCYTIC, enzymology/ *LEUKOCYTES, enzymology/ MOLECULAR WEIGHT/ MUCOPOLYSACCHARIDES/ TRYPSIN INHIBITORS/ ULTRACENTRIFUGATION

5738. **Ohlsson K, Tegner H:** Experimental pancreatitis in the dog. Demonstration of trypsin in ascitic fluid, lymph and plasma. Scand J Gastroenterol 8:129-33, 1973
AMYLASE, blood/ ANIMAL EXPERIMENTS/ ASCITIC FLUID, enzymology/ CHYMOTRYPSIN, metabolism/ DOGS/ FEMALE/ IMMUNOASSAY/ MACROGLOBULINS, metabolism/ MALE/ *PANCREATITIS, enzymology/ PANCREATITIS, etiology/ PANCREATITIS, metabolism/ PROTEIN BINDING/ SHOCK, etiology/ SHOCK, metabolism/ TRYPSIN, blood/ *TRYPSIN, metabolism/ TRYPSIN INHIBITORS, blood/ TRYPSINOGEN, blood

5739. **Oikawa T, Yanagimachi R, Nicolson GL:** Wheat germ agglutinin blocks mammalian fertilization.
Nature 241:256-9, 26 Jan 73
ANIMAL EXPERIMENTS/ BINDING SITES/ FEMALE/ *FERTILIZATION, drug effects/ HAMSTERS/ IN VITRO/ LIPASE/ MALE/ MERCAPTOETHANOL, pharmacodynamics/ OVUM, cytology/ OVUM, drug effects/ PLANT AGGLUTININS, isolation & purification/ PLANT AGGLUTININS, metabolism/ *PLANT AGGLUTININS, pharmacodynamics/ SPERMATOZOA, cytology/ TRYPSIN, pharmacodynamics/ WHEAT, enzymology

5740. **Oka S:** [Physics of circulation rheology]
Respir Circ (Tokyo) 20:15-23, Jan 72 (Jap)
BLOOD CELLS, physiology/ *BLOOD CIRCULATION/ BLOOD COAGULATION/ BLOOD VESSELS, physiology/ BLOOD VISCOSITY/ *RHEOLOGY/ VASCULAR RESISTANCE

5741. **Oka T, Morihara K:** Comparative specificity of microbial acid proteinases for synthetic peptides. I. Primary specificity.
Arch Biochem Biophys 156:543-51, Jun 73
ACETIC ACIDS/ AMINO ACIDS/ ASPERGILLUS, enzymology/ CATALYSIS/ CHEMISTRY/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ ISOELECTRIC FOCUSING/ KINETICS/ *MUCOR, enzymology/ OLIGOPEPTIDES, chem synthesis/ PEPSIN/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ *RHIZOPUS, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP

5742. **Oka T, Morihara K:** Comparative specificity of microbial acid proteinases for synthetic peptides. II. Effect of secondary interaction.
Arch Biochem Biophys 156:552-9, Jun 73
AMINO ACIDS/ ASPERGILLUS, enzymology/ CATALYSIS/ CHEMISTRY/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *MONILIALES, enzymology/ *MUCOR, enzymology/ OLIGOPEPTIDES, chem synthesis/ PEPSIN/ *PEPTIDE PEPTIDOHYDROLASES/ *RHIZOPUS, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP

5743. **Okamoto U:** [Proactivator-activator system in human plasma fibrinolysis: studies on the synthetic fibrinolytic system composed of functionally pure fibrinogen, plasminogen and proactivator, separated from human plasma]
J Physiol Soc Jap 34:147-55, Mar 72 (Jap)
*BLOOD COAGULATION FACTORS/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ *FIBRINOGEN/ *FIBRINOLYSIN/ *FIBRINOLYSIS/ FIBRINOLYTIC AGENTS/ GEL FILTRATION/ HUMAN/ PLASMINOGEN/ STREPTOKINASE/ THROMBELASTOGRAPHY

5744. **Okamura K, Muramatu M, Fujii S:** Purification of C 1S, a subunit of the first component of complement from human plasma.
Biochim Biophys Acta 295:252-7, 25 Jan 73
ACETIC ACIDS/ CALCIUM/ CHROMATOGRAPHY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ *COMPLEMENT, isolation & purification/ ELECTROPHORESIS, DISK/ ENZYME ACTIVATION/ ESTERASES/ ESTERS/ GEL FILTRATION/ GOATS, immunology/ HUMAN/ IMMUNOELECTROPHORESIS/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ SERUM GLOBULINS, analysis/ SERUM GLOBULINS, isolation & purification/ SOLUBILITY/ TRYPSIN/ TYROSINE/ ULTRACENTRIFUGATION

5745. **Okawara SH, Calkins RA:** Cerebral arterial occlusive disease with telangiectasia associated with oral contraceptives. Arch Neurol 29:60-2, Jul 73
ADULT/ *ARTERIAL OCCLUSIVE DISEASES, chemically induced/ ARTERIAL OCCLUSIVE DISEASES, radiography/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION FACTORS, analysis/ CEREBRAL ANGIOGRAPHY/ *CEREBRAL ARTERY DISEASES, chemically induced/ CEREBRAL ARTERY DISEASES, radiography/ CIRCLE OF WILLIS, radiography/ COLLATERAL CIRCULATION/ *CONTRACEPTIVES, ORAL, adverse effects/ ELECTROENCEPHALOGRAPHY/ ETHYNODIOL DIACETATE, adverse effects/ FEMALE/ HUMAN/ MESTRANOL, adverse effects/ *TELANGIECTASIS, chemically induced/ TELANGIECTASIS, radiography

5746. **Oki H, Takashima A:** [Studies of platelet factor-3 by the kaolin clotting time and thromboplastin generation time] Jap J Clin Pathol 21:621-6, Jul 73 (Jap)
*BLOOD COAGULATION FACTORS, analysis/ *BLOOD COAGULATION TESTS/ HUMAN/ KAOLIN, diagnostic use/ THROMBOPLASTIN

5747. **Okino H:** [Pulsatile blood flow]
Respir Circ (Tokyo) 20:25-31, Jan 72 (Jap)
*BLOOD COAGULATION/ BLOOD PRESSURE/ PULSE/ VASCULAR RESISTANCE

5748. **Okla J:** Efektywność i działanie uboczne nowodzesnych środków antykoncepcyjnych.
Pol Tyg Lek 28:135-8, 22 Jan 73 (16 ref.) (Pol)
ADRENAL GLANDS, drug effects/ BLOOD COAGULATION, drug effects/ *CONTRACEPTIVE AGENTS/ CONTRACEPTIVE AGENTS, adverse effects/ CONTRACEPTIVE AGENTS, pharmacodynamics/ CONTRACEPTIVE DEVICES/ CONTRACEPTIVES, ORAL/ FAMILY PLANNING/ FEMALE/ FETUS, drug effects/ HUMAN/ LIVER, drug effects/ MATERNAL-FETAL EXCHANGE/ PARITY/ PESSARIES, adverse effects/ PREGNANCY/ REVIEW/ THYROID GLAND, drug effects

5749. **Okla J:** Stosowanie niektórych leków u kobiet w okresie ciąży i karmienia.
Pol Tyg Lek 27:2073-7, 25 Dec 72 (8 ref.) (Pol)
ABNORMALITIES, DRUG-INDUCED/ ADRENAL CORTEX HORMONES, adverse effects/ ANTIBIOTICS, adverse effects/ ANTICOAGULANTS, adverse effects/ ANTIDIABETICS, adverse effects/ ANTINEOPLASTIC AGENTS, adverse effects/ BARBITURATES, adverse effects/ *BREAST FEEDING/ CONTRACEPTIVES, ORAL, adverse effects/ DIETHYLSTILBESTROL, adverse effects/ *DRUG THERAPY, adverse effects/ FEMALE/ FETAL DEATH, chemically induced/ *FETUS, drug effects/ HUMAN/ INFANT, NEWBORN/ LACTATION, drug effects/ MATERNAL-FETAL EXCHANGE/ MEPROBAMATE, adverse effects/ MOLECULAR WEIGHT/ NICOTINE, adverse effects/

NITROFURANTOIN, adverse effects/ PERMEABILITY/ PLACENTA/ PREGNANCY/ QUININE/ RESERPINE, adverse effects/ REVIEW/ SALICYLATES, adverse effects/ SULFONAMIDES, adverse effects/ THYROID ANTAGONISTS, adverse effects

5750. **Okuda H, Fuji S:** Studies on hormone-sensitive lipase and lipoprotein lipase in adipose tissue.
J Biochem (Tokyo) 73:1195-203, Jun 73
*ADIPOSE TISSUE, enzymology/ ANIMAL EXPERIMENTS/ ENZYME ACTIVATION/ EPIDIDYMIS/ ESTERASES/ *HORMONES/ IMMUNOELECTROPHORESIS/ LIPASE/ *LIPOPROTEIN LIPASE/ LIVER, enzymology/ MALE/ RATS

5751. **Okuda T, Enoki Y, Tomita S:** [Oxygen transport capacity and the action of cellular organic phosphates of the erythrocyte]
Jap J Anesthesiol 22:196-207, Mar 73 (77 ref.) (Jap)
ANESTHETICS, pharmacodynamics/ BLOOD PRESERVATION/ DIPHOSPHOGLYCERIC ACIDS, blood/ DIPHOSPHOGLYCERIC ACIDS, physiology/ ENGLISH ABSTRACT/ *ERYTHROCYTES, metabolism/ FETAL HEMOGLOBIN, metabolism/ *GLYCERIC ACIDS, blood/ HEMOGLOBIN, metabolism/ HUMAN/ *ORGANOPHOSPHORUS COMPOUNDS, blood/ OXYGEN, blood/ *OXYGEN CONSUMPTION/ OXYHEMOGLOBIN/ REVIEW

5752. **Okuda T, Mihara K, Sato R:** Interactions between NADH-cytochrome b5 reductase and cytochrome b5 preparations purified from liver microsomes.
J Biochem (Tokyo) 72:987-92, Oct 72
*CYTOCHROME OXIDASE/ *CYTOCHROMES/ GEL FILTRATION/ *MICROSOMES, LIVER/ RABBITS/ SURFACE-ACTIVE AGENTS/ TRYPSIN

5753. **Okulski J, Moszczyński P, Szmigiel Z, et al:** Układ hemostatyczny u chorych z nowotworami.
Wiad Lek 26:281-5, 15 Feb 73 (Pol)
*BLOOD COAGULATION DISORDERS, etiology/ ENGLISH ABSTRACT/ FIBRINOGEN, metabolism/ HEMOSTASIS/ HUMAN/ *NEOPLASMS, complications

5754. **Okuma M, Yamashita S, Numa S:** Enzymic studies on phosphatidic acid synthesis in human platelets.
Blood 41:379-89, Mar 73
ACYLATION/ *BLOOD PLATELETS, enzymology/ CARBON ISOTOPES/ COENZYME A/ FATTY ACIDS/ GLYCERIN, metabolism/ GLYCEROPHOSPHATES, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LIVER, enzymology/ *PHOSPHOLIPIDS, biosynthesis/ TIME FACTORS

5755. **Okuno T, Freud W:** Albumin preparations and placental alkaline phosphatase activity.
Transfusion 13:19-22, Jan-Feb 73
AGED/ *ALKALINE PHOSPHATASE, blood/ *BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ HUMAN/ MALE/ NEPHROTIC SYNDROME, blood/ NEPHROTIC SYNDROME, diagnosis/ NEPHROTIC SYNDROME, enzymology/ *PLACENTA, enzymology/ *SERUM ALBUMIN, analysis/ SERUM ALBUMIN, therapeutic use

5756. **Okuno T, Selenko V:** Plasma fibrinogen determination by automated thrombin time.
Am J Med Technol 38:196-201, Jun 72
AUTOANALYSIS/ BILIRUBIN, blood/ BLOOD COAGULATION/ CATTLE/ COMPARATIVE STUDY/ *FIBRINOGEN, analysis/ HEMOGLOBIN/ HEPARIN/ HUMAN/ METHODS/ PHENOLS/ *THROMBIN/ TIME FACTORS/ UREA, blood

5757. **Olbert F, Denck H, Wicke L:** LKomplikationen bei Katheterangiographien. Ursachen und deren Behandlung.
Wien Med Wochenschr 123:293-8, 12 May 73 (Ger)
*ANGIOGRAPHY, adverse effects/ AORTOGRAPHY, adverse effects/ BREAST, blood supply/ BREAST, radiography/ *CATHETERIZATION, adverse effects/ CELIAC ARTERY, radiography/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ KIDNEY, blood supply/ KIDNEY, radiography/ MALE/ THROMBOSIS, drug therapy/ THROMBOSIS, etiology

5758. **Olbrich SE, Muhrer ME, Cooper RG, et al:** Effect of temperature and ration on blood clotting time of heat-tolerant and cold-tolerant cattle.
Comp Biochem Physiol [A] 41:267-80, 1 Feb 72
ADAPTATION, PHYSIOLOGICAL/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ BODY TEMPERATURE/ CATTLE/ *DIET/ ENVIRONMENTAL EXPOSURE/ FEMALE/ SPECIES SPECIFICITY/ *TEMPERATURE/ TIME FACTORS

5759. **Olch D:** Personality characteristics of hemophiliacs.
J Pers Assess 35:72-9, Feb 71
ACHIEVEMENT/ ADOLESCENCE/ ADULT/ AGE FACTORS/ ATTITUDE/ CHILD/ CHILD DEVELOPMENT/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ DEFENSE MECHANISMS/ GUILT/ *HEMOPHILIA/ HUMAN/ MALE/ *PERSONALITY/ PERSONALITY ASSESSMENT/ PROJECTIVE TECHNICS/ VERBAL BEHAVIOR

5760. **Olcott C 4th, Robinson AJ, Maxwell TM, et al:** Amniotic fluid embolism and disseminated intravascular coagulation after blunt abdominal trauma.
J Trauma 13:737-40, Aug 73
*ABDOMINAL INJURIES, complications/ ADULT/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ CAPILLARIES, pathology/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ *EMBOLISM, AMNIOTIC FLUID, etiology/ FEMALE/ HUMAN/ LUNG, pathology/ PREGNANCY/ PROTHROMBIN TIME/ RESPIRATORY INSUFFICIENCY, etiology

5761. **Oldham RK, Larson SM, Givelber HM, et al:** A preliminary study of 51 Cr-labeled platelets for evaluation of splenic sequestration in chronic lymphocytic leukemia. J Nucl Med 14:219-22, Apr 73
AGED/ *BLOOD PLATELETS/ *CHROMIUM ISOTOPES, diagnostic use/ FEMALE/ HUMAN/ *LEUKEMIA, LYMPHOCYTIC, physiopathology/ LEUKEMIA, LYMPHOCYTIC, surgery/ LYMPHOSARCOMA, physiopathology/ LYMPHOSARCOMA, surgery/ MALE/ MIDDLE AGE/ *SPLEEN, physiopathology/ SPLENECTOMY

5762. **Olivari N, Schrudde J:** Diskussionsbemerkung zur Arbeit Olivari, N. und Schrudde, J.: Die Behandlung der Hämangiome im Kindesalter--Chirurgische Therapie. Z Allgemeinmed 49:895-7, 30 Jun 73 (Ger)
CHILD, PRESCHOOL/ FEMALE/ *HEMANGIOMA, radiotherapy/ HEMANGIOMA, surgery/ HUMAN/ *SKIN NEOPLASMS, radiotherapy/ SKIN NEOPLASMS, surgery

5763. **Olivari N, Schrudde J:** Die Behandlung der Hämangiome im Kindesalter-Chirurgische Therapie.
Z Allgemeinmed 49:60-3, 20 Jan 73 (Ger)
CHILD/ CHILD, PRESCHOOL/ FEMALE/ *HEMANGIOMA, surgery/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ MALE/ NEVUS, surgery/ SKIN NEOPLASMS, surgery/ *SURGERY, PLASTIC

5764. **Oliver RF, Grant RA, Kent CM:** The fate of cutaneously and subcutaneously implanted trypsin purified dermal collagen in the pig.
Br J Exp Pathol 53:540-9, Oct 72
ADIPOSE TISSUE/ ANIMAL EXPERIMENTS/ BIOPSY/ *COLLAGEN/ FEMALE/ GRANULATION TISSUE/ MALE/ SKIN, anatomy & histology/ SKIN, blood supply/ SKIN, injuries/ *SKIN, transplantation/ SWINE/ TRANSPLANTATION, AUTOLOGOUS/ TRANSPLANTATION, HOMOLOGOUS/

TRANSPLANTATION IMMUNOLOGY/ TRYPSIN

5765. **Olney JW, Ho OL, Rhee V:** Brain-damaging potential of protein hydrolysates.
N Engl J Med 289:391-5, 23 Aug 73
ALANINE, administration & dosage/ ALANINE, adverse effects/ AMINO ACIDS, administration & dosage/ AMINO ACIDS, adverse effects/ ANIMAL EXPERIMENTS/ ASPARTIC ACID, administration & dosage/ ASPARTIC ACID, adverse effects/ *BRAIN DAMAGE, CHRONIC, chemically induced/ CASEIN, administration & dosage/ CASEIN, adverse effects/ FIBRIN, administration & dosage/ FIBRIN, adverse effects/ GLUTAMATES, administration & dosage/ GLUTAMATES, adverse effects/ HUMAN/ HYPOTHALAMUS, drug effects/ HYPOTHALAMUS, pathology/ INJECTIONS, SUBCUTANEOUS/ MICE/ NERVE DEGENERATION/ *PARENTERAL FEEDING/ PARENTERAL FEEDING, adverse effects/ PROTEIN HYDROLYSATES, administration & dosage/ *PROTEIN HYDROLYSATES, adverse effects/ SULFONIC ACIDS, administration & dosage/ SULFONIC ACIDS, adverse effects

5766. **Olomucki A, Huc C, Lefebure F, et al:** Octopine dehydrogenase. Evidence for a single-chain structure.
Eur J Biochem 28:261-8, 13 Jul 72
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BINDING SITES/ CARBOXYPEPTIDASES/ CYANATES/ DANSYL COMPOUNDS/ DICARBOXYLIC ACIDS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GUANIDINES/ LYSINE, analysis/ MOLECULAR WEIGHT/ MUSCLES, enzymology/ NAD/ *OXIDOREDUCTASES, analysis/ *OYSTERS/ PEPTIDES, analysis/ PROTEIN CONFORMATION/ SODIUM DODECYL SULFATE/ SULFHYDRYL REAGENTS/ TRYPSIN/ ULTRACENTRIFUGATION

5767. **Olper Palacci R, Ramírez Ojeda J, Gómez Cuevas M, et al:** Hemangioma del cervix. Reporte de un caso y revisión de la bibliografía.
Ginecol Obstet Mex 32:363-73, Oct 72 (Spa)
ADULT/ CASE REPORT/ *CERVIX NEOPLASMS/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA/ HUMAN

5768. **Olsen H:** Thrombotic thrombocytopenic purpura as a cause of pancreatitis. Report of a case and review of the literature.
Am J Dig Dis 18:238-46, Mar 73
AUTOPSY/ CASE REPORT/ HUMAN/ MALE/ MIDDLE AGE/ PANCREAS, pathology/ *PANCREATITIS, etiology/ PANCREATITIS, pathology/ *PURPURA, THROMBOTIC THROMBOPENIC, complications/ PURPURA, THROMBOTIC THROMBOPENIC, pathology

5769. **Olsnes S:** Difteritoksinet--en spesifikk hemmer av proteinsyntesen.
Tidsskr Nor Laegeforen 93:223-7, 10 Feb 73 (Nor)
*ACYLTRANSFERASES, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ CELL-FREE SYSTEM/ *CELLS, drug effects/ CELLS, enzymology/ CELLS, CULTURED, drug effects/ DEPRESSION, CHEMICAL/ *DIPHTHERIA TOXIN, pharmacodynamics/ ENGLISH ABSTRACT/ HELA CELLS/ HUMAN/ L CELLS/ MICE/ PEPTIDE CHAIN ELONGATION/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, metabolism/ PEPTIDES/ PROTEIN BINDING/ *PROTEINS, biosynthesis/ RIBOSOMES, enzymology/ STRUCTURE-ACTIVITY RELATIONSHIP/ TIME FACTORS

5770. **Olson AC, Stanley WL:** Lactase and other enzymes bound to a phenol-formaldehyde resin with glutaraldehyde.
J Agric Food Chem 21:440-5, May-Jun 73
ADSORPTION/ BINDING SITES/ CHYMOTRYPSIN, analysis/ FORMALDEHYDE/ *GALACTOSIDASE, analysis/ GLUCOSIDASE, analysis/ GLUTARALDEHYDE/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ PHENOLS/ PRONASE, analysis/ RESINS/ SUCRASE, analysis/ TIME FACTORS

5771. **Olson MS, Allgyer TT:** A mechanism for the regulation of nicotinamide adenine dinucleotide-linked substrate oxidation in rat liver mitochondria.
J Biol Chem 248:1590-7, 10 Mar 73
ANIMAL EXPERIMENTS/ ARSENIC, pharmacodynamics/ CARBON ISOTOPES/ *CARNITINE, metabolism/ CYTOCHROMES, metabolism/ FLAVINS, metabolism/ GLUTAMATES, biosynthesis/ GLUTAMATES, metabolism/ GLYCOSIDES, pharmacodynamics/ GUANOSINE TRIPHOSPHATE, metabolism/ KETOGLUTARIC ACID, metabolism/ KETOGLUTARIC ACID, pharmacodynamics/ MALATES, biosynthesis/ *MALATES, metabolism/ MITOCHONDRIA, LIVER, drug effects/ *MITOCHONDRIA, LIVER, metabolism/ *NAD, metabolism/ NADP, metabolism/ OLIGOMYCIN, pharmacodynamics/ OXYGEN CONSUMPTION/ *PALMITIC ACID, metabolism/ RATS/ ROTENONE, pharmacodynamics/ SUCCINATES, biosynthesis/ VITAMIN K, pharmacodynamics

5772. **Olsson P, Rådegran K, Swedenborg J:** Effects of disseminated intravascular coagulation on pulmonary circulation and respiration.
Int Anesthesiol Clin 10:173-9, Winter 72
ANIMAL EXPERIMENTS/ ASPIRIN, pharmacodynamics/ BLOOD FLOW VELOCITY/ BLOOD PLATELETS, drug effects/ BLOOD PRESSURE/ CARDIAC OUTPUT/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ DOGS/ FEMORAL ARTERY/ HEPARIN, pharmacodynamics/ HUMAN/ MICROCIRCULATION/ PLATELET ADHESIVENESS, drug effects/ PROTAMINES, pharmacodynamics/ *PULMONARY CIRCULATION/ *RESPIRATION/ RESPIRATORY INSUFFICIENCY, complications/ THROMBIN, analysis/ THROMBIN, pharmacodynamics/ VASCULAR RESISTANCE, drug effects

5773. **Olszewska Z:** W sprawie zespołu Ehlersa-Danlosa (cutis hyperelastica.
Przegl Dermatol 59:793-7, Nov-Dec 72 (40 ref.) (Pol)
ANGIOID STREAKS, diagnosis/ CAUCASIAN RACE/ CONNECTIVE TISSUE, metabolism/ CRANIOFACIAL DYSOSTOSIS/ *EHLERS-DANLOS SYNDROME/ EHLERS-DANLOS SYNDROME, congenital/ EHLERS-DANLOS SYNDROME, diagnosis/ ELASTIC TISSUE/ HEMORRHAGIC DIATHESIS, diagnosis/ HEMOSTASIS/ HUMAN/ NEGROID RACE/ REVIEW

5774. **Olszewski W, Lukasiewicz H, Nielubowicz J:** Immunological phenomen in the porcine liver perfused with human blood.
Acta Med Pol 14:83-8, 1973
ANIMAL EXPERIMENTS/ ANTIBODIES, HETEROTYPIC, analysis/ BLOOD PLATELETS, immunology/ HUMAN/ LEUKOCYTES, immunology/ LIVER, cytology/ *LIVER, immunology/ MICROSCOPY, ELECTRON/ *PERFUSION/ SWINE

5775. **Olszewski W, Polański J, Zawadzki A, et al:** Technique of orthotopic liver allotransplantation in dogs.
Pol Med J 11:1583-9, 1972
ANIMAL EXPERIMENTS/ BODY WEIGHT/ CADAVER/ DOGS/ HEPARIN, pharmacodynamics/ HEPATECTOMY/ LIGATION/ *LIVER, transplantation/ METHODS/ TIME FACTORS/ TISSUE PRESERVATION/ TRANSPLANTATION, HOMOLOGOUS

5776. **Omell GH, Anderson LS, Bramson RT:** Chest wall

tumors.
Radiol Clin North Am 11:197-214, Apr 73 (41 ref.)
ADOLESCENCE/ ADULT/ *BONE NEOPLASMS, radiography/ CHILD/ *CHONDROMA, radiography/ CHONDROSARCOMA, radiography/ FEMALE/ FIBROUS DYSPLASIA OF BONE, radiography/ HEMANGIOMA, CAVERNOUS, radiography/ HUMAN/ INFANT/ LYMPHANGIOMA, radiography/ MALE/ MIDDLE AGE/ MULTIPLE MYELOMA, radiography/ MYOSITIS OSSIFICANS, radiography/ NEUROFIBROMATOSIS, radiography/ OSTEOMA, OSTEOID, radiography/ PLASMACYTOMA, radiography/ REVIEW/ RHABDOMYOSARCOMA, radiography/ RIBS/ SARCOMA, EWING'S, radiography/ SARCOMA, OSTEOGENIC, radiography/ STERNUM/ *THORACIC NEOPLASMS, radiography

5777. **Omenn GS, Figley MM, Graham CB, et al:** Prospects for radiographic intrauterine diagnosis--the syndrome of thrombocytopenia with absent radii.
N Engl J Med 288:777-8, 12 Apr 73
FEMALE/ *FETAL DISEASES, radiography/ GENETIC COUNSELING/ GESTATIONAL AGE/ HUMAN/ PREGNANCY/ *PRENATAL DIAGNOSIS/ RADIOGRAPHIC MAGNIFICATION/ *RADIUS, abnormalities/ RADIUS, radiography/ SYNDROME/ TECHNOLOGY, RADIOLOGIC/ *THROMBOPENIA, radiography

5778. **O'Neill JP, Niall JF, O'Sullivan EF:** Severe postabortal Clostridium welchii infection: trends in management.
Aust NZ J Obstet Gynaecol 12:157-65, Aug 72
ABORTION, SEPTIC, drug therapy/ ABORTION, SEPTIC, surgery/ *ABORTION, SEPTIC, therapy/ ADULT/ CURETTAGE/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ EXCHANGE TRANSFUSION/ FEMALE/ GAS GANGRENE, complications/ GAS GANGRENE, drug therapy/ GAS GANGRENE, surgery/ *GAS GANGRENE, therapy/ HEMODIALYSIS/ HUMAN/ HYSTERECTOMY/ KIDNEY FAILURE, ACUTE, etiology/ KIDNEY FAILURE, ACUTE, therapy/ PENICILLIN G, therapeutic use/ PERITONEAL DIALYSIS/ PREGNANCY/ UTERINE DISEASES, therapy

5779. **Ong GB, Taw JL:** Spontaneous rupture of hepatocellular carcinoma. Br Med J 4:146-9, 21 Oct 72
ADULT/ HEMORRHAGE, etiology/ HEMOSTASIS/ HEPATECTOMY/ HEPATIC ARTERY, surgery/ *HEPATOMA, complications/ HUMAN/ LIGATION/ *LIVER NEOPLASMS, complications/ MALE/ METHODS/ POSTOPERATIVE CARE/ PROGNOSIS/ RUPTURE, SPONTANEOUS, diagnosis/ RUPTURE, SPONTANEOUS, etiology/ RUPTURE, SPONTANEOUS, surgery

5780. **Ong PS, Gaucher GM:** Protease production by thermophilic fungi. Can J Microbiol 19:129-33, Jan 73
*ACTINOMYCES, enzymology/ ACTINOMYCES, growth & development/ *ASCOMYCETES, enzymology/ ASCOMYCETES, growth & development/ CELL-FREE SYSTEM/ CHLOROMERCURIBENZOATES, pharmacodynamics/ CULTURE MEDIA/ EDTA, pharmacodynamics/ HEAT/ HYDROGEN-ION CONCENTRATION/ ISOFLUROPHATE, pharmacodynamics/ *MONILIALES, enzymology/ MONILIALES, growth & development/ *PENICILLIUM, enzymology/ PENICILLIUM, growth & development/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, biosynthesis/ PEPTIDE HYDROLASES, metabolism/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY

5781. **Onge RA, Dick WC:** Some applications of gamma-emitting radioisotopes in rheumatology.
Mod Trends Rheumatol 2:60-77, 1971 (58 ref.)
ANIMAL EXPERIMENTS/ ANTI-INFLAMMATORY AGENTS, therapeutic use/ DOGS/ FIBRINOGEN/ HUMAN/ INFLAMMATION, metabolism/ INJECTIONS, INTRA-ARTICULAR/ JOINTS, physiology/ RADIOISOTOPE SCANNING/ *RADIOISOTOPES/ RADIOISOTOPES, diagnostic use/ RADIOISOTOPES, metabolism/ REGIONAL BLOOD FLOW/ REVIEW/ *RHEUMATISM/ RHEUMATISM, drug therapy/ RHEUMATISM, metabolism/ SERUM ALBUMIN, RADIO-IODINATED/ STRONTIUM ISOTOPES/ SYNOVIAL MEMBRANE, blood supply/ SYNOVIAL MEMBRANE, surgery/ TECHNETIUM/ XENON

5782. **Onicescu D, Stoica I, Popescu M:** On folic acid metabolism in human normal leukocytes of peripheral blood. Rev Roum Physiol 10:163-8, 1973
ADULT/ BLOOD PLATELETS, enzymology/ DIHYDROFOLATE DEHYDROGENASE, metabolism/ EOSINOPHILS, enzymology/ ERYTHROCYTES, enzymology/ FEMALE/ *FOLIC ACID, metabolism/ HUMAN/ LEUKOCYTES, enzymology/ *LEUKOCYTES, metabolism/ LYMPHOCYTES, enzymology/ MALE/ MONOCYTES, enzymology/ NEUTROPHILS, enzymology

5783. **Onishi H, Izuchi K, Matsumoto T, et al:** Clinical experiences with chromatographic DEAE adsorbed prothrombin complex for control of bleeding and multiple tooth extraction in hemophilia B patients.
Acta Haematol Jap 34:513-6, Aug 71
*BLOOD COAGULATION FACTORS, therapeutic use/ BLOOD COAGULATION TESTS/ *CHRISTMAS DISEASE/ CHROMATOGRAPHY/ FACTOR IX, analysis/ FACTOR IX, therapeutic use/ HEMORRHAGE, ORAL, prevention & control/ HEMOSTASIS/ HUMAN/ MALE/ MIDDLE AGE/ PROTHROMBIN, analysis/ PROTHROMBIN, therapeutic use/ *TOOTH EXTRACTION

5784. **Onisk Z, Tchórzewski H:** Badania nad zachowaniem się hydrolaz lizosomalnych krwinek białych w niektórych chorobach skóry o podłożu autoimmunizacyjnym oraz u zwierząt doświadczalnych z nadwrażliwością wczesną i opóźnioną.
Przegl Dermatol 59:601-7, Sep-Oct 72 (Pol)
ACID PHOSPHATASE, blood/ ADOLESCENCE/ ADULT/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ FEMALE/ GUINEA PIGS/ HUMAN/ *HYDROLASES, blood/ *HYPERSENSITIVITY, DELAYED, enzymology/ *HYPERSENSITIVITY, IMMEDIATE, enzymology/ LEUKOCYTES, enzymology/ *LEUKOCYTES, immunology/ *LYSOSOMES, enzymology/ MALE/ MIDDLE AGE/ PEPTIDE HYDROLASES, blood/ *SKIN DISEASES, enzymology/ SKIN DISEASES, immunology

5785. **Ono K, Hattori T, Inokuchi K:** The use of urokinase, pyridinolcarbamate, and dypiridamole in rat heart allografts. Surgery 73:128-32, Jan 73
ALCOHOL, METHYL, therapeutic use/ ANIMAL EXPERIMENTS/ ANTILYMPHOCYTE SERUM/ *CARBAMATES, therapeutic use/ CORONARY VESSELS, drug effects/ *DIPYRIDAMOLE, therapeutic use/ FEMALE/ *FIBRINOLYTIC AGENTS, therapeutic use/ *GRAFT REJECTION, drug effects/ *HEART, transplantation/ HEART RATE/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ PYRIDINES, therapeutic use/ RABBITS, immunology/ RATS/ RATS, INBRED STRAINS/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS

5786. **Ono T, Yamaura R, Kuriyama K, et al:** Structure of N-bromosuccinimide-modified tobacco mosaic virus protein and its function in the reconstitution process.
Virology 50:76-83, Oct 72
AMINO ACIDS, analysis/ AUTOANALYSIS/ BROMINE/ BROMINE, analysis/ CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY/ MODELS, CHEMICAL/ PEPTIDES, analysis/ *PYRROLIDINONES, pharmacodynamics/ SUCCINIMIDES/ *TOBACCO MOSAIC VIRUS, analysis/ TOBACCO MOSAIC VIRUS, metabolism/ TRYPSIN/ TYROSINE, analysis/ ULTRACENTRIFUGATION/ VIRAL PROTEINS,

analysis/ VIRAL PROTEINS, biosynthesis/ *VIRAL PROTEINS, isolation & purification/ VIRAL PROTEINS, metabolism

5787. **Onuora CA, Lindenbaum J, Nossel HL:** Massive hemorrhage associated with circulating antibodies to factor V. Am J Med Sci 265:407-17, May 73
ADULT/ AGED/ ANIMAL EXPERIMENTS/ *ANTIBODIES/ AZATHIOPRINE, therapeutic use/ BABOONS/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ CATS/ CATTLE/ CENTRIFUGATION, DENSITY GRADIENT/ DOGS/ *FACTOR V/ FEMALE/ GOATS/ HEMORRHAGE, drug therapy/ *HEMORRHAGE, etiology/ HUMAN/ *IGG/ MALE/ MONKEYS/ PREDNISONE, therapeutic use/ PROTHROMBIN TIME/ SHEEP

5788. **Opaleva-Stegantseva VA, Gavrilina IA, Solovei LI:** O roli alkogolia v vozniknovenii ostroi koronarnoi nedostatochnosti.
Kardiologiia 12:111-4, Oct 72 (Rus)
ADULT/ *ALCOHOL DRINKING/ *ALCOHOL, ETHYL, pharmacodynamics/ BLOOD COAGULATION, drug effects/ BLOOD PRESSURE, drug effects/ CATECHOLAMINES, metabolism/ *CORONARY DISEASE/ *CORONARY VESSELS, drug effects/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ HEART, drug effects/ HUMAN/ MIDDLE AGE/ PULSE, drug effects

5789. **Oparil S, Koerner T, Tregear GW, et al:** Substrate requirements for angiotensin I conversion in vivo and in vitro. Circ Res 32:415-23, Apr 73
AMINO ACID SEQUENCE/ *AMINO ACIDS/ *ANGIOTENSIN, metabolism/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CAPILLARIES, enzymology/ *CARBOXYPEPTIDASES, metabolism/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHYMOTRYPSIN, metabolism/ DOGS/ ELECTROPHORESIS, PAPER/ FEMALE/ IODINE ISOTOPES/ LEUCINE AMINOPEPTIDASE, metabolism/ MALE/ PEPTIDES, biosynthesis/ PULMONARY CIRCULATION/ RABBITS/ RADIOIMMUNOASSAY/ RENIN, metabolism/ TRYPSIN, metabolism

5790. **Oppenheimer SB:** Utilization of L-glutamine in intercellular adhesion: ascites tumor and embryonic cells. Exp Cell Res 77:175-82, 15 Mar 73
AZASERINE, pharmacodynamics/ CARCINOMA, EHRLICH TUMOR/ *CELL ADHESION, drug effects/ CELL AGGREGATION, drug effects/ CELLS, CULTURED/ CHICK EMBRYO/ CULTURE MEDIA/ CYTOLOGICAL TECHNICS/ GLUTAMINE, antagonists & inhibitors/ *GLUTAMINE, pharmacodynamics/ INDICATORS AND REAGENTS/ LIVER NEOPLASMS/ MICE/ NORLEUCINE, pharmacodynamics/ RETINA, embryology/ SARCOMA 180, CROCKER/ TIME FACTORS/ TRYPSIN

5791. **Oprisiu C:** Enfermedad iatrogenica por radiacion. An Esp Odontoestomatol 32:35-40, Jan-Feb 73 (Spa)
ADULT/ FEMALE/ HEMANGIOMA, radiotherapy/ HUMAN/ IATROGENIC DISEASE/ INFANT/ LIP DISEASES, radiotherapy/ MALE/ *RADIATION INJURIES/ RADIOTHERAPY, adverse effects

5792. **O'Rand MG:** In vitro fertilization and capacitation-like interaction in the hydroid Campanularia flexuosa. J Exp Zool 182:299-305, Dec 72
ANIMAL EXPERIMENTS/ CELL MOVEMENT/ CELLS, CULTURED/ *COELENTERATA, physiology/ EPITHELIAL CELLS, drug effects/ EPITHELIAL CELLS, physiology/ FEMALE/ *FERTILIZATION/ HYDROGEN-ION CONCENTRATION/ MALE/ METHODS/ OVUM, cytology/ OVUM, drug effects/ OVUM, physiology/ PHOSPHOLIPASE, pharmacodynamics/ PRONASE, pharmacodynamics/ *SPERM CAPACITATION/ TRYPSIN, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics

5793. **Orci L, Like AA, Amherdt M, et al:** Monolayer cell culture of neonatal rat pancreas: an ultrastructural and biochemical study of functioning endocrine cells. J Ultrastruct Res 43:270-97, May 73
ANIMALS, NEWBORN/ AUTORADIOGRAPHY/ CELLS, CULTURED/ CLOSTRIDIOPEPTIDASE A/ CYTOPLASMIC GRANULES/ ENDOPLASMIC RETICULUM/ GLUCAGON, biosynthesis/ GLUCOSE, pharmacodynamics/ GOLGI APPARATUS/ HISTOLOGICAL TECHNICS/ INSULIN, biosynthesis/ *ISLANDS OF LANGERHANS, cytology/ LEUCINE, metabolism/ MICROSCOPY, ELECTRON/ MICROSCOPY, PHASE CONTRAST/ MITOSIS/ *PANCREAS, cytology/ RADIOIMMUNOASSAY/ RATS/ TIME FACTORS/ TRITIUM/ TRYPSIN

5794. **Ordyński J:** Wpływ różnego sposobu lecznia na liczbę granulocytów zasadochłonnych krwi obwodowej oraz wrażliwość na heparynę i ciała heparynopodobne w przebiegu choroby reumatycznej u dzieci.
Pediatr Pol 47:1089-96, Sep 72 (Pol)
ADOLESCENCE/ AGE FACTORS/ ASPIRIN, therapeutic use/ *BASOPHILS/ BLOOD CELL COUNT/ BLOOD COAGULATION, drug effects/ CHILD/ CHILD, PRESCHOOL/ CORTICOTROPIN, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, pharmacodynamics/ HUMAN/ MALE/ PREDNISONE, therapeutic use/ *RHEUMATIC FEVER, drug therapy

5795. **O'Reilly RA:** Sodium warfarin.
Pharmacology 8:181-90, 1972
HALF-LIFE/ HUMAN/ KIDNEY, metabolism/ KINETICS/ PHENYLBUTAZONE, pharmacodynamics/ PROTEIN BINDING/ PROTHROMBIN TIME/ SODIUM, metabolism/ SOLUBILITY/ TIME FACTORS/ WARFARIN, blood/ *WARFARIN, metabolism/ WARFARIN, pharmacodynamics/ WARFARIN, urine

5796. **O'Reilly RA:** Interaction of sodium warfarin and disulfiram (antabuse) in man.
Ann Intern Med 78:73-6, Jan 73
ADMINISTRATION, ORAL/ ADULT/ BLOOD COAGULATION, drug effects/ DISULFIRAM, administration & dosage/ *DISULFIRAM, pharmacodynamics/ DRUG SYNERGISM/ HUMAN/ HYPOPROTHROMBINEMIAS, chemically induced/ LIVER, metabolism/ MALE/ PROTHROMBIN, analysis/ WARFARIN, administration & dosage/ WARFARIN, analysis/ WARFARIN, metabolism/ *WARFARIN, pharmacodynamics

5797. **Oreland L, Ekstedt B:** Soluble and membrane-bound pig liver mitochondrial monoamine oxidase: thermostability, tryptic digestability and kinetic properties. Biochem Pharmacol 21:2479-88, 15 Sep 72
ANIMAL EXPERIMENTS/ BINDING SITES, drug effects/ CATALASE, pharmacodynamics/ CATTLE/ DRUG STABILITY/ HEAT/ IN VITRO/ KINETICS/ LIPIDS, metabolism/ *MEMBRANES, enzymology/ *MITOCHONDRIA, LIVER, enzymology/ MITOCHONDRIA, LIVER, metabolism/ *MONOAMINE OXIDASE, analysis/ MONOAMINE OXIDASE, isolation & purification/ MONOAMINE OXIDASE INHIBITORS, pharmacodynamics/ PARGYLINE, pharmacodynamics/ PROTEIN BINDING/ PROTEINS, analysis/ SEROTONIN, metabolism/ SPECTROPHOTOMETRY/ SWINE/ TIME FACTORS/ TRYPSIN, pharmacodynamics/ TYRAMINE, metabolism

5798. **O'Riordan JP:** Scientific advances in transfusion. J Ir Med Assoc 66:27-36, 27 Jan 73 (29 ref.)
ANTIBODIES/ ANTICOAGULANTS/ ANTIGENS/ BLOOD CELL COUNT/ BLOOD COAGULATION FACTORS/ BLOOD DONORS/ BLOOD GROUPS/ BLOOD PLATELETS/ *BLOOD PRESERVATION/ BLOOD PROTEINS/ BLOOD SPECIMEN COLLECTION/ *BLOOD TRANSFUSION/ FREEZING/ HISTOCOMPATIBILITY TESTING/ HUMAN/

IMMUNE SERUMS/ IMMUNOGLOBULINS/ PLASMA/ REVIEW/ SPECIMEN HANDLING

5799. **Orlievskaia OV, Shataeva LK, Samsonov GV:** Denaturatsiia i avtoliz proteazy iz Aspergilius terricola.
Prikl Biokhim Mikrobiol 9:41-4, Jan-Feb 73 **(Rus)**
*ASPERGILLUS, enzymology/ AUTOLYSIS/ ENGLISH ABSTRACT/ HEAT/ HYDROGEN-ION CONCENTRATION/ *PEPTIDE HYDROLASES/ PROTEIN DENATURATION

5800. **Orlov OB:** Antitrombinovyi test v protsesse lecheniia bol'nykh khronicheskim pankreatitom.
Vrach Delo 9:71-3, Sep 72 **(Rus)**
*ANTITHROMBIN, analysis/ CHRONIC DISEASE/ HUMAN/ *PANCREATITIS, blood

5801. **Orlowska B, Szewczuk A:** Proteases produced by Thermoactinomyces albus.
Arch Immunol Ther Exp (Warsz) 20:543-54, 1972
*ACTINOMYCES, enzymology/ CULTURE MEDIA/ HYDROGEN-ION CONCENTRATION/ *PEPTIDE HYDROLASES, metabolism/ SOIL MICROBIOLOGY/ TEMPERATURE/ TYROSINE, metabolism

5802. **Orme M, Breckenridge A, Brooks RV:** Interactions of benzodiazepines with warfarin.
Br Med J 3:611-4, 9 Sep 72
ADULT/ AGED/ ANIMAL EXPERIMENTS/ ANTICOAGULANTS/ *BENZAZEPINES, administration & dosage/ *CHLORDIAZEPOXIDE, administration & dosage/ *DIAZEPAM, administration & dosage/ *DRUG INTERACTIONS/ FEMALE/ GLUCOCORTICOIDS, urine/ HALF-LIFE/ HUMAN/ HYDROCORTISONE, urine/ MALE/ MICROSOMES, LIVER, drug effects/ MICROSOMES, LIVER, enzymology/ MIDDLE AGE/ NITRAZEPAM, administration & dosage/ RATS/ TIME FACTORS/ *TRANQUILIZING AGENTS, administration & dosage/ *WARFARIN, administration & dosage/ WARFARIN, blood

5803. **Ormos J, Biliczki F, Csapó Z:** Veseelváltozások Na-polyanaetholsulfonattal elöidézett generalizált Shwartzman-jelenségben. Elektronmikroszkópos vizsgálatok.
Morphol Igazsagugyi Orv Sz 12:184-93, Jul 72 **(Hun)**
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ ENGLISH ABSTRACT/ KIDNEY, blood supply/ *KIDNEY, drug effects/ KIDNEY, pathology/ KIDNEY GLOMERULUS, blood supply/ KIDNEY GLOMERULUS, pathology/ MALE/ MICROSCOPY, ELECTRON/ RATS/ *SHWARTZMAN PHENOMENON/ THROMBOSIS

5804. **Oronsky A, Ignarro L, Perper R:** Release of cartilage mucopolysaccharide-degrading neutral protease from human leukocytes. J Exp Med 138:461-72, 1 Aug 73
CARTILAGE/ COLCHICINE, pharmacodynamics/ GAMMA GLOBULIN/ GLUCURONIDASE, analysis/ GOLD THIOMALATE, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LACTATE DEHYDROGENASE, analysis/ *LEUKOCYTES, enzymology/ LYSOSOMES, enzymology/ MODELS, BIOLOGICAL/ MUCOPOLYSACCHARIDES, metabolism/ OPSONINS/ *PEPTIDE HYDROLASES, metabolism/ PHAGOCYTOSIS/ SULFUR ISOTOPES

5805. **Orosz L:** Immunoreaktiv insulin vizsgálatok.
Orv Hetil 114:1645, 8 Jul 73 **(Hun)**
EDTA, pharmacodynamics/ HEPARIN, pharmacodynamics/ HUMAN/ *INSULIN ANTIBODIES, analysis

5806. **Orosz L, Fischer U, Hommel H, et al:** Heparin és insulinsecretio. Orv Hetil 113:2657-8, 29 Oct 72 **(Hun)**
ANIMAL EXPERIMENTS/ DOGS/ *HEPARIN, administration & dosage/ HEPARIN, pharmacodynamics/ INSULIN, blood/ *INSULIN, secretion

5807. **Orr HC, Baker J, Cheesman JO:** Survival of animal tissue cells in primary culture in the absence of serum. Appl Microbiol 25:49-54, Jan 73
BABOONS/ CATTLE, immunology/ CELL SURVIVAL/ *CELLS, CULTURED, cytology/ CHICK EMBRYO/ *CULTURE MEDIA/ GUINEA PIGS/ HAMSTERS/ *IMMUNE SERUMS/ KIDNEY/ MACACA/ MICE/ MONKEYS/ OVALBUMIN/ RABBITS/ SERUM ALBUMIN, BOVINE/ SERUM GLOBULINS/ SOY BEANS/ SPECIES SPECIFICITY/ TRYPSIN INHIBITORS

5808. **Orr KB, Paraskevas F:** Cell surface associated gamma globulin in lymphocytes. V. Detection of early cytophilic complexes reacting with T- and B-lymphocytes. J Immunol 110:456-64, Feb 73
ANIMAL EXPERIMENTS/ ANTIBODY SPECIFICITY/ *ANTIGEN-ANTIBODY COMPLEX/ ANTIGENS/ ANTILYMPHOCYTE SERUM/ AUTORADIOGRAPHY/ *BINDING SITES, ANTIBODY/ CATTLE, immunology/ FIBRINOGEN/ *GAMMA GLOBULIN/ GAMMA GLOBULIN, 7S/ GEL DIFFUSION TESTS/ IMMUNE ADHERENCE REACTION/ *B-LYMPHOCYTES, immunology/ *T-LYMPHOCYTES, immunology/ MICE/ MICE, INBRED BALB C/ SERUM ALBUMIN, RADIO-IODINATED/ SPLEEN, cytology/ THYMUS GLAND, immunology

5809. **Ortega JJ, Javier G, Sáenz A, et al:** Terapéutica immunosupresora en la púrpura trombopénica idiopática. Resultados obtenidos con el empleo de azathioprina en veinticuatro casos infantiles.
Sangre (Barc) 18:48-9, 1973 **(Spa)**
*AZATHIOPRINE, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ HUMAN/ *IMMUNOSUPPRESSION/ INFANT/ *PURPURA, THROMBOPENIC, drug therapy/ PURPURA, THROMBOPENIC, immunology

5810. **Osada F, Ikeda Y, Watanabe S, et al:** [Staphylococci isolated from clinical sources. 1. Biological properties and virulence] Jap J Clin Pathol 20:493-7, Jul 72 **(Jap)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ CHILD/ CHILD, PRESCHOOL/ COAGULASE, biosynthesis/ HUMAN/ INFANT/ MANNITOL, metabolism/ MIDDLE AGE/ *STAPHYLOCOCCUS, isolation & purification/ STAPHYLOCOCCUS, metabolism/ STAPHYLOCOCCUS, pathogenicity/ VIRULENCE

5811. **Osada F, Ikeda Y, Watanabe S, et al:** [Staphylococci isolated from clinical sources. 2. Comparison of antibiotic sensitivities of coagulase-positive and coagulase-negative staphylococci]
Jap J Clin Pathol 20:667-72, Sep 72 **(Jap)**
*ANTIBIOTICS, pharmacodynamics/ CEPHALORIDINE, pharmacodynamics/ CHLORAMPHENICOL, pharmacodynamics/ COAGULASE, analysis/ *DRUG RESISTANCE, MICROBIAL/ ERYTHROMYCIN, pharmacodynamics/ HUMAN/ KANAMYCIN, pharmacodynamics/ PENICILLIN G, pharmacodynamics/ *STAPHYLOCOCCUS, drug effects/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, isolation & purification/ SULFISOXAZOLE, pharmacodynamics/ TETRACYCLINE, pharmacodynamics

5812. **Osbon DB:** Postoperative complications following dentoalveolar surgery.
Dent Clin North Am 17:483-504, Jul 73
CELLULITIS, etiology/ DRY SOCKET, etiology/ ECCHYMOSIS, etiology/ EDEMA, etiology/ HEMATOMA, etiology/ HEMORRHAGE, ORAL, etiology/ HUMAN/ INFECTION, etiology/ LUDWIG'S ANGINA, etiology/ MANDIBULAR DISEASES, etiology/ OSTEOMYELITIS, etiology/ *POSTOPERATIVE COMPLICATIONS/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *SURGERY, ORAL, adverse effects/ SURGICAL WOUND INFECTION, etiology/ TEMPOROMANDIBULAR JOINT SYNDROME, etiology

5813. **Osborn JE, Shahidi NT:** Thrombocytopenia in murine cytomegalovirus infection.
J Lab Clin Med 81:53-63, Jan 73
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ *BLOOD PLATELET DISORDERS, etiology/ *CYTOMEGALIC INCLUSION DISEASE, complications/ CYTOMEGALOVIRUSES, immunology/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ HEMATOCRIT/ LEUKOCYTE COUNT/ MEGAKARYOCYTES/ MICE/ SPLEEN, immunology/ SPLEEN, microbiology

5814. **Osborne J, Lunasin A, Steiner RF:** The binding of calcium by chymotrypsinogen A.
Biochem Biophys Res Commun 49:923-9, 15 Nov 72
BINDING SITES/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ CHEMISTRY/ CHYMOTRYPSIN/ CHYMOTRYPSINOGEN, antagonists & inhibitors/ *CHYMOTRYPSINOGEN, metabolism/ DIALYSIS/ HYDROGEN-ION CONCENTRATION/ PLANTS, enzymology/ PROTEIN BINDING

5815. **Oshino N, Omura T:** Immunochemical evidence for the participation of cytochrome b5 in microsomal stearyl-CoA desaturation reaction.
Arch Biochem Biophys 152:395-404, Aug 73
ANIMAL EXPERIMENTS/ ANTIBODIES/ COENZYME A/ CRESOLS, pharmacodynamics/ CYTOCHROME REDUCTASES, metabolism/ *CYTOCHROMES, metabolism/ ELECTRON TRANSPORT/ FATTY ACID DESATURASES, metabolism/ GEL DIFFUSION TESTS/ *HYDROXYLASES, metabolism/ IMMUNE SERUMS/ IMMUNOGLOBULINS/ KINETICS/ MALE/ MICROSOMES, LIVER, drug effects/ *MICROSOMES, LIVER, enzymology/ NADH, NADPH OXIDOREDUCTASES, metabolism/ OXIDATION-REDUCTION/ PEPTIDE HYDROLASES/ RABBITS, immunology/ RATS/ STEARIC ACID/ TIME FACTORS

5816. **Oshiro T, Mukai K, Murakami F, et al:** [Changes of serum haptoglobin after splenectomy in hereditary spherocytosis and idiopathic thrombocytopenic purpura]
Jap J Clin Hematol 14:18-28, Jan 73 (Jap)
ADOLESCENCE/ ADULT/ ANEMIA, APLASTIC, blood/ ANEMIA, HYPOCHROMIC, blood/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ *HAPTOGLOBINS, analysis/ HEMOGLOBINURIA, PAROXYSMAL, blood/ HEMOPHILIA, blood/ HUMAN/ MALE/ MIDDLE AGE/ PURPURA, blood/ *PURPURA, THROMBOPENIC, blood/ PURPURA, THROMBOPENIC, surgery/ *SPHEROCYTOSIS, HEREDITARY, blood/ SPHEROCYTOSIS, HEREDITARY, surgery/ SPLENECTOMY

5817. **Oski FA:** The role of organic phosphates in erythrocytes on the oxygen dissociation of hemoglobin.
Ann Clin Lab Sci 1:162-76, Sep-Oct 71 (30 ref.)
ADENOSINE DIPHOSPHATE, blood/ ADENOSINE MONOPHOSPHATE, blood/ ADENOSINE TRIPHOSPHATE, blood/ ANOXEMIA, blood/ BINDING SITES/ BLOOD PRESERVATION/ ERYTHROCYTES, enzymology/ *ERYTHROCYTES, metabolism/ EXERTION/ FETAL HEMOGLOBIN, metabolism/ GLYCEROPHOSPHATES, biosynthesis/ GLYCEROPHOSPHATES, blood/ GLYCOLYSIS/ *HEMOGLOBIN/ HEMOGLOBIN, metabolism/ HUMAN/ *OXYGEN, blood/ PARTIAL PRESSURE/ *PHOSPHATES, blood/ REVIEW/ SEPTICEMIA, blood/ SHOCK, TOXIC, blood

5818. **Oski FA, Naiman JL:** Hematologic problems in the newborn. Major Probl Clin Pediatr 4:1-400, 1972
AGRANULOCYTOSIS/ ANEMIA, NEONATAL/ BLOOD COAGULATION DISORDERS/ ERYTHROBLASTOSIS, FETAL/ ERYTHROCYTES, metabolism/ *HEMATOLOGIC DISEASES/ HEMATOLOGIC DISEASES, congenital/ HEMOGLOBIN, metabolism/ HEMOGLOBINOPATHIES/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ LEUKEMIA/ LYMPHOPENIA/ MATERNAL-FETAL EXCHANGE/ NEUTROPHILS/ POLYCYTHEMIA/ THROMBOPENIA

5819. **Osler AG, Siraganian RP:** Immunologic mechanisms of platelet damage.
Prog Allergy 16:450-98, 1972 (147 ref.)
ANTIBODIES/ ANTIGEN-ANTIBODY COMPLEX/ ARTHUS PHENOMENON, immunology/ BASOPHILS, immunology/ *BLOOD PLATELETS, immunology/ COMPLEMENT/ ENDOTOXINS, pharmacodynamics/ HISTAMINE LIBERATION/ HUMAN/ PHAGOCYTOSIS/ REVIEW/ SERUM SICKNESS, blood

5820. **Ospanov TO, Bekishev BB:** Lechenie tromboza ot napriazhenila (sindroma Pedzheta-shrettera) pri sakharnom diabete fibrinolizinom i antikoaguliantami. Vestn Khir 110:115-6, Mar 73 (Rus)
ADULT/ *AXILLARY VEIN/ *DIABETIC ANGIOPATHIES, drug therapy/ FEMALE/ *FIBRINOLYSIN, therapeutic use/ *HEPARIN, therapeutic use/ HUMAN/ *INTERMITTENT CLAUDICATION, drug therapy/ MALE/ *THROMBOPHLEBITIS, drug therapy

5821. **Ossowski L, Unkeless JC, Tobia A, et al:** An enzymatic function associated with transformation of fibroblasts by oncogenic viruses. II. Mammalian fibroblast cultures transformed by DNA and RNA tumor viruses.
J Exp Med 137:112-26, 1 Jan 73
CELL-FREE SYSTEM/ CELL LINE/ *CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED/ EMBRYO/ FIBRINOLYSIN, biosynthesis/ *FIBRINOLYSIS/ FIBROBLASTS, enzymology/ FIBROBLASTS, pathology/ HAMSTERS/ HUMAN/ IODINE ISOTOPES/ MAMMALS/ MICE/ MICE, INBRED C57BL/ MOUSE TUMOR VIRUSES/ *ONCOGENIC VIRUSES/ RATS/ *SARCOMA, EXPERIMENTAL, microbiology/ SPECIES SPECIFICITY/ SV40 VIRUS

5822. **Ostashevskii IY:** Connective between parameters of fluorescence and protein structure.
Mol Biol 6:1-9, Jan-Feb 72
CATTLE/ CHYMOTRYPSIN/ CHYMOTRYPSINOGEN/ *FLUORESCENCE/ FLUORESCENCE SPECTROMETRY/ HEMOGLOBIN/ MATHEMATICS/ MODELS, THEORETICAL/ MURAMIDASE/ OVALBUMIN/ PAPAIN/ PEPSIN/ *PROTEIN CONFORMATION/ PROTEIN DENATURATION/ SERUM ALBUMIN, BOVINE/ *TRYPTOPHAN/ UREA

5823. **Osten W:** Medikamentöse Therapie von Blutgerinnungsstörungen in der zahnärztlichen Praxis. Zahnaerztl Prax 24:294 passim, 1 Jun 73 (Ger)
BLOOD COAGULATION DISORDERS/ HEMORRHAGE, ORAL, drug therapy/ HEMORRHAGIC DIATHESIS/ HEMOSTATICS, therapeutic use/ SPECIAL LIST DENTAL

5824. **Osterud B, Schiffman S:** Gel filtration properties of factors II, VII, IX, IX a , and X.
Thromb Diath Haemorrh 28:317-24, 31 Oct 72
BARIUM SULFATE/ BUFFERS/ EDTA/ *FACTOR VII, analysis/ *FACTOR IX, analysis/ *FACTOR X, analysis/ GEL FILTRATION/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *PROTHROMBIN, analysis/ SODIUM CHLORIDE

5825. **Ostrow DN, Cherniack RM:** The mechanical properties of the lungs in intermediate deficiency of 1 -antitrypsin. Am Rev Respir Dis 106:377-83, Sep 72
ADOLESCENCE/ ADULT/ AGE FACTORS/ ELASTICITY/ HETEROZYGOTE/ HUMAN/ *LUNG, physiopathology/ LUNG DISEASES, blood/ LUNG DISEASES, familial & genetic/ LUNG DISEASES, physiopathology/ *METABOLISM, INBORN ERRORS, physiopathology/ MIDDLE AGE/ *RESPIRATORY FUNCTION TESTS/ SMOKING/ *TRYPSIN INHIBITORS, blood

5826. **O'Sullivan EF:** Duration of anticoagulant therapy in venous thrombo--embolism.
Med J Aust 2:1104-7, 11 Nov 72
ADMINISTRATION, ORAL/ *ANTICOAGULANTS, administration & dosage/ ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, therapeutic use/ DRUG INTERACTIONS/ FEMALE/ HEMORRHAGE, chemically induced/ HEPARIN, therapeutic use/ HUMAN/ MALE/ PREGNANCY/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, etiology/ RECURRENCE/ *THROMBOEMBOLISM, drug therapy/ *THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, etiology/ TIME FACTORS/ WARFARIN, administration & dosage/ WARFARIN, therapeutic use

5827. **O'Sullivan EF, Joyce JG:** Abnormal bleeding after prostatectomy: illustrative cases and review of management. Med J Aust 2:1165-9, 18 Nov 72
AGED/ AMINOCAPROIC ACID, administration & dosage/ AMINOCAPROIC ACID, therapeutic use/ BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION DISORDERS, surgery/ BLOOD COAGULATION TESTS/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ FACTOR V DEFICIENCY, diagnosis/ FIBRINOLYSIS/ HEMORRHAGE, etiology/ *HEMORRHAGE, therapy/ HEPARIN, therapeutic use/ HUMAN/ ILIAC ARTERY, surgery/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ LIGATION/ MALE/ *POSTOPERATIVE COMPLICATIONS, therapy/ *PROSTATECTOMY/ THROMBOPENIA, diagnosis

5828. **Osumi Y, Maeda A:** Inactivation of ribosomes by a factor induced by colicin E3.
J Biochem (Tokyo) 71:911-4, May 72
CHARCOAL/ CHLOROMERCURIBENZOATES/ *COLICINS, pharmacodynamics/ HEAT/ MERCAPTOETHANOL/ *RIBOSOMES, drug effects/ TRYPSIN/ TRYPSIN INHIBITORS/ ULTRACENTRIFUGATION

5829. **Ota E, Miura Y, Tozawa Y:** [Studies on human fibrin-agar plate (H-FAP)method for the estimation of fibrinolytic activity]
Jap J Clin Hematol 14:769-76, Jul 73 (Jap)
*AGAR/ CHROMATOGRAPHY, AFFINITY/ ELECTROPHORESIS, DISK/ *FIBRIN/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HUMAN/ METHODS

5830. **Ota E, Miura Y, Tozawa Y:** [Fibrin-agar-plate method, a new method for estimation of fibrinolytic activity]
Jap J Clin Hematol 13:793-9, Oct 72 (Jap)
AGAR/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FIBRIN/ *FIBRINOLYSIS/ GELS/ METHODS

5831. **Ota F:** Magnesium-stimulated resynthesis of osmoresistant layer by Candida albicans spheroplasts.
Jap J Microbiol 16:359-71, Sep 72
CALCIUM CHLORIDE, pharmacodynamics/ *CANDIDA ALBICANS, drug effects/ *L FORMS, drug effects/ *MAGNESIUM, pharmacodynamics/ MICROSCOPY, ELECTRON/ MICROSCOPY, PHASE CONTRAST/ OSMOLAR CONCENTRATION/ PEPTIDE HYDROLASES, pharmacodynamics/ POTASSIUM CHLORIDE, pharmacodynamics/ SNAILS, enzymology/ SODIUM CHLORIDE, pharmacodynamics/ SPHEROPLASTS, cytology/ SPHEROPLASTS, cytology/ SPHEROPLASTS, drug effects/ SPHEROPLASTS, drug effects/ SUCROSE, pharmacodynamics

5832. **Otsuka A, Kishida K, Ueki K, et al:** [Aphasia and the localization of brain lesions. 1. Aphasic patients with relatively localized brain lesions]
Clin Neurol (Tokyo) 12:15-22, Jan 72 (Jap)
ADOLESCENCE/ ADULT/ *APHASIA, etiology/ APHASIA, pathology/ ARTERIOVENOUS MALFORMATIONS, pathology/ BRAIN, blood supply/ *BRAIN DISEASES, complications/ BRAIN DISEASES, pathology/ BRAIN INJURIES, ACUTE, pathology/ BRAIN NEOPLASMS, pathology/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ GLIOMA, pathology/ HEMATOMA, pathology/ HUMAN/ MALE/ MIDDLE AGE

5833. **Otten J, Johnson GS, Pastan I:** Regulation of cell growth by cyclic adenosine 3',5'-monophosphate. Effect of cell density and agents which alter cell growth on cyclic adenosine 3',5'-monophosphate levels in fibroblasts. J Biol Chem 247:7082-7, 10 Nov 72
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ CELL LINE/ CHROMATOGRAPHY, ION EXCHANGE/ CONTACT INHIBITION/ DNA, biosynthesis/ FIBROBLASTS, drug effects/ FIBROBLASTS, growth & development/ *FIBROBLASTS, metabolism/ HUMAN/ INSULIN, pharmacodynamics/ KINETICS/ L CELLS, drug effects/ L CELLS, growth & development/ L CELLS, metabolism/ MICE/ MUSCLE PROTEINS/ MUSCLES, enzymology/ PHOSPHODIESTERASES/ PHOSPHOTRANSFERASES/ PROSTAGLANDINS, pharmacodynamics/ PROTEIN BINDING/ THYMIDINE, metabolism/ TRITIUM/ TRYPSIN, pharmacodynamics

5834. **Otter G den:** Hemipelvectomy.
Arch Chir Neerl 24:263-9, 1972
ADULT/ *AMPUTATION/ BONE NEOPLASMS, surgery/ CHONDROSARCOMA, surgery/ FEMALE/ FEMORAL NEOPLASMS, surgery/ HEMANGIOENDOTHELIOMA, surgery/ HUMAN/ LEG, surgery/ MALE/ METHODS/ MIDDLE AGE/ PELVIC NEOPLASMS, surgery/ *PELVIS, surgery/ PROSTHESIS

5835. **Otterburn MS, Sinclair WJ:** Acid hydrolysis of chicken muscle protein by reflux and sealed tube methods.
J Sci Food Agric 24:929-35, Aug 73
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHICKENS/ COMPARATIVE STUDY/ EVALUATION STUDIES/ FIBROIN/ FIBROIN, analysis/ HEAT/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ LYSINE, analysis/ METHODS/ *MUSCLE PROTEINS/ MUSCLE PROTEINS, analysis/ PROTAMINES/ PROTAMINES, analysis

5836. **Ottolenghi A:** Preparation and characterization of mouse intestinal phospholipase. Lipids 8:415-25, Jul 73
AMMONIUM SULFATE/ ANIMAL EXPERIMENTS/ CELL MEMBRANE/ CEPHALINS/ CHROMATOGRAPHY/ ERYTHROCYTES/ HUMAN/ *HYMENOLEPIASIS, enzymology/ *INTESTINAL DISEASES, PARASITIC, enzymology/ *INTESTINE, SMALL, enzymology/ LECITHINS/ LYSOLECITHIN/ MALE/ MICE/ MICROSOMES, LIVER/ MITOCHONDRIA, LIVER/ *PHOSPHOLIPASE, isolation & purification/ PHOSPHOLIPASE, metabolism/ PHOSPHOLIPIDS/ PROTAMINES/ PSEUDOMONAS AERUGINOSA/ RATS/ SOY BEANS/ STRUCTURE-ACTIVITY RELATIONSHIP/ SURFACE-ACTIVE AGENTS

5837. **Ouchi H:** [Hemorrhagic shock in obstetrics]
Jap J Midwife 26:23-7, May 72 (Jap)
DISSEMINATED INTRAVASCULAR COAGULATION/ LABOR COMPLICATIONS/ PUERPERAL DISORDERS/ SHOCK, HEMORRHAGIC/ SPECIAL LIST NURSING

5838. **Ouderaa F van der, Jong WW de, Bloemendal H:** Bovine -crystallin: sequence of the C-terminal cyanogen bromide fragment of the A chain.
FEBS Lett 28:77-80, 15 Nov 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ *CRYSTALLINS, analysis/ CYANOGEN BROMIDE/ DANSYL COMPOUNDS/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ *IMMUNOGLOBULIN

FRAGMENTS/ MACROMOLECULAR SYSTEMS/ PEPSIN/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ THERMOLYSIN/ THIOCYANATES/ TRYPSIN

5839. **Outeiriño Hernanz J, Sánchez Fayos J:** Trombopatías congénitas.
Rev Clin Esp 128:93-100, 31 Jan 73 (35 ref.) (Spa)
ADENOSINE DIPHOSPHATE, secretion/ AFIBRINOGENEMIA/ ALDRICH SYNDROME/ BLOOD COAGULATION FACTORS, secretion/ BLOOD PLATELET DISORDERS, classification/ *BLOOD PLATELET DISORDERS, congenital/ BLOOD PLATELET DISORDERS, familial & genetic/ BLOOD PLATELETS, secretion/ COLLAGEN/ EOSINOPHILIA/ HOMOCYSTINURIA, blood/ HUMAN/ LEUKOCYTES/ NEUTROPHILS/ PLATELET ADHESIVENESS/ PURPURA, THROMBOPENIC, familial & genetic/ REVIEW/ THROMBOPENIA, congenital/ VON WILLEBRAND'S DISEASE

5840. **Ouyang C, Teng CM, Hong JS:** Purification and properties of the coagulant and anticoagulant principles of Agkistrodon acutus venom.
J Formosan Med Assoc 71:401-7, 28 Jun 72
AMINO ACIDS, analysis/ ANTICOAGULANTS, analysis/ *ANTICOAGULANTS, isolation & purification/ CHROMATOGRAPHY, ION EXCHANGE/ HEMOSTATICS, analysis/ *HEMOSTATICS, isolation & purification/ MOLECULAR WEIGHT/ PROTEINS, analysis/ PROTEINS, isolation & purification/ SNAKES/ ULTRACENTRIFUGATION/ *VENOMS, analysis

5841. **Ouyang C, Teng CM:** Purification and properties of the anticoagulant principle of Agkistrodon acutus venom.
Biochim Biophys Acta 278:155-62, 31 Aug 72
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ *ANTICOAGULANTS/ ANTICOAGULANTS, isolation & purification/ BLOOD COAGULATION, drug effects/ CARBOHYDRATES, analysis/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS, DISK/ KINETICS/ MOLECULAR WEIGHT/ PROTHROMBIN TIME/ RABBITS/ SNAKES/ ULTRACENTRIFUGATION/ *VENOMS/ VENOMS, analysis/ VENOMS, pharmacodynamics

5842. **Ouyang C, Teng CM:** The effect of the purified anticoagulant principle of Agkistrodon acutus venom on blood coagulation.
Toxicon 11:287-92, Apr 73
ANIMAL EXPERIMENTS/ *ANTICOAGULANTS, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ CALCIUM, pharmacodynamics/ ENZYME ACTIVATION, drug effects/ FIBRINOGEN, antagonists & inhibitors/ FREEZE DRYING/ HEAT/ HUMAN/ PROTHROMBIN, antagonists & inhibitors/ *SNAKES/ THROMBIN, antagonists & inhibitors/ THROMBOPLASTIN, antagonists & inhibitors/ TIME FACTORS/ *VENOMS

5843. **Overcash KE, Putney FJ:** Subglottic hemangioma of the larynx treated with steroid therapy.
Laryngoscope 83:679-82, May 73
FEMALE/ GLOTTIS, drug effects/ GLOTTIS, pathology/ *HEMANGIOMA, drug therapy/ HEMANGIOMA, pathology/ HUMAN/ INFANT/ *LARYNGEAL NEOPLASMS, drug therapy/ LARYNGEAL NEOPLASMS, pathology/ MALE/ *PREDNISONE, therapeutic use

5844. **Owen CA Jr, Bowie EJ:** Intravascular coagulation-fibrinolysis (ICF) syndrome.
Ann Clin Lab Sci 2:26-30, Jan-Feb 72
ADULT/ AGED/ ANTIBODY SPECIFICITY/ *BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ ERYTHROCYTES, immunology/ FEMALE/ FIBRINOGEN/ FIBRINOLYSIN/ *FIBRINOLYSIS/ HEMAGGLUTINATION INHIBITION TESTS/ HEMORRHAGE, therapy/ HUMAN/ IMMUNE SERUMS/ MALE/ PLASMINOGEN/ PREGNANCY/ STAPHYLOCOCCUS, immunology/ SYNDROME/ THROMBIN/ THROMBOPLASTIN

5845. **Owen RR, Glen JB:** Factors to be considered when making canine blood and blood products available for transfusion.
Vet Rec 91:406-11, 21 Oct 72
ANIMAL EXPERIMENTS/ BLOOD DONORS/ BLOOD GROUP INCOMPATIBILITY/ *BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ BLOODLETTING, veterinary/ COSTS AND COST ANALYSIS/ *DOGS/ ERYTHROCYTES/ EUTHANASIA/ METHODS/ PLASMA/ RECORDS

5846. **Owen WG, Wagner RH:** Antihemophilic factor: separation of an active fragment following dissociation by salts or detergents.
Thromb Diath Haemorrh 27:502-15, 31 Jul 72
ANIMAL EXPERIMENTS/ ANTIBODIES/ BILE ACIDS AND SALTS, pharmacodynamics/ BROMIDES, pharmacodynamics/ CALCIUM CHLORIDE, pharmacodynamics/ CATTLE/ CHROMATOGRAPHY/ DOGS/ *FACTOR VIII, analysis/ MOLECULAR WEIGHT/ POTASSIUM, pharmacodynamics/ POTASSIUM CHLORIDE, pharmacodynamics/ SODIUM, pharmacodynamics/ SURFACE-ACTIVE AGENTS, pharmacodynamics/ THROMBIN, pharmacodynamics

5847. **Owens DW, Garcia E, Pierce RR, et al:** Klippel-Trenaunay-Weber syndrome with pulmonary vein varicosity.
Arch Dermatol 108:111-3, Jul 73
*ANGIOMATOSIS, complications/ ANGIOMATOSIS, radiography/ *BONE DISEASES, complications/ BONE DISEASES, radiography/ CARPAL TUNNEL SYNDROME, complications/ ELECTROCARDIOGRAPHY/ ELECTROENCEPHALOGRAPHY/ EXTREMITIES, anatomy & histology/ FEMALE/ HUMAN/ MIDDLE AGE/ NEURAL CONDUCTION/ *PULMONARY VEINS/ RESPIRATORY FUNCTION TESTS/ SCOLIOSIS, complications/ SYNDROME/ *VARICOSE VEINS, complications/ VARICOSE VEINS, congenital/ VARICOSE VEINS, radiography

5848. **Owsiany W:** Dootrzewnowe podawanie oleju silikonowego w zapobieganiu pooperacyjnym zrostom otrzewnowym.
Pol Przegl Chir 45:579-85, May 73 (Pol)
*ADHESIONS, prevention & control/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ INJECTIONS, INTRAPERITONEAL/ OILS, therapeutic use/ PERITONEAL DISEASES, prevention & control/ RABBITS/ *SILICONES, administration & dosage/ SILICONES, therapeutic use

5849. **Ozerol NH, Silverman PH:** Enzymatic studies on the exsheathment of Haemonchus contortus infective larvae: the role of leucine aminopeptidase.
Comp Biochem Physiol [B] 42:109-21, 15 May 72
AMIDES/ AMIDOHYDROLASES, pharmacodynamics/ ANIMAL EXPERIMENTS/ ASCARIS, enzymology/ BIOLOGICAL ASSAY/ BODY FLUIDS, enzymology/ CATIONS, DIVALENT, pharmacodynamics/ ENZYME ACTIVATION/ HYDROGEN-ION CONCENTRATION/ LARVA, drug effects/ LARVA, enzymology/ LARVA, growth & development/ LEUCINE/ LEUCINE AMINOPEPTIDASE, antagonists & inhibitors/ *LEUCINE AMINOPEPTIDASE, metabolism/ LEUCINE AMINOPEPTIDASE, physiology/ MICROSCOPY, INTERFERENCE/ NEMATODA, enzymology/ PEPTIDE HYDROLASES, pharmacodynamics/ TEMPERATURE/ TRICHOSTRONGYLOIDEA, drug effects/ *TRICHOSTRONGYLOIDEA, enzymology/ TRICHOSTRONGYLOIDEA, growth & development

5850. **Ozon R, Bellé R:** Récepteurs de l'oestradiol-17 dans le foie de poule et de l'amphibien Discoglossus pictus.
Biochim Biophys Acta 297:155-63, 24 Jan 73 (Fre)
ANIMAL EXPERIMENTS/ CELL FRACTIONATION/ *CELL NUCLEUS,

metabolism/ CENTRIFUGATION, DENSITY GRADIENT/ *CHICKENS, metabolism/ CYTOSOL, metabolism/ ENGLISH ABSTRACT/ ESTRADIOL, administration & dosage/ *ESTRADIOL, metabolism/ ESTRADIOL, pharmacodynamics/ ESTRIOL, metabolism/ ESTRONE, metabolism/ GEL FILTRATION/ LIVER, cytology/ LIVER, drug effects/ *LIVER, metabolism/ MALE/ MICROSOMES, LIVER/ PEPTIDE HYDROLASES/ POTASSIUM CHLORIDE/ RECEPTORS, HORMONE/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *TOADS, metabolism/ TRITIUM

5851. **Oztürkcan O, De Saint Blanquat G, Derache R:** Effet de quelques anesthésiques sur le flux sanguin de la muqueuse gastrique, chez le rat.
Experientia 29:811-2, 1973 (Fre)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *ETHYL ETHER, pharmacodynamics/ EVALUATION STUDIES/ *GASTRIC JUICE, secretion/ *GASTRIC MUCOSA, blood supply/ GASTRIC MUCOSA, drug effects/ GASTRIC MUCOSA, enzymology/ GASTRIC MUCOSA, secretion/ MALE/ *PENTOBARBITAL, pharmacodynamics/ PEPTIDE HYDROLASES, metabolism/ RATS/ REGIONAL BLOOD FLOW, drug effects/ *URETHANE, pharmacodynamics

P

5852. **Paar D:** Verhalten der Thrombozyten unter Therapie mit Immunosuppressiva und ASntikoagulantien bei einem Fall von Thrombophlebitis migrans.
Med Welt 23:1666-7, 4 Nov 72 (Ger)
ADULT/ *ANTICOAGULANTS, therapeutic use/ *BLOOD PLATELETS, immunology/ FEMALE/ HUMAN/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ THROMBOPHLEBITIS, blood/ *THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, immunology

5853. **Paasonen MK:** Blood platelet as a model for action of drugs and bacterial products.
Toxicon 10:479-84, Aug 72 (37 ref.)
ADENOSINE TRIPHOSPHATE/ ANIMAL EXPERIMENTS/ *BACTERIA/ *BIOGENIC AMINES, metabolism/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CALCIUM/ CATS/ CATTLE/ CELLULAR INCLUSIONS/ CHROMAFFIN SYSTEM, metabolism/ DOGS/ HUMAN/ MITOCHONDRIA/ *MODELS, BIOLOGICAL/ NERVE ENDINGS, metabolism/ *PHARMACOLOGY/ PLATELET ADHESIVENESS, drug effects/ POTASSIUM/ RABBITS/ RATS/ RESERPINE, pharmacodynamics/ REVIEW/ SODIUM/ *TOXINS, pharmacodynamics

5854. **Pabst HW, Haubold U, Hör G, et al:** Isotopenstudien der Hirndurchblutung bei neurochirurgischen Erkrankungen. Nucl Med (Stuttg) 9:993-7, 1971 (Ger)
*BRAIN NEOPLASMS, diagnosis/ CEREBRAL ANEURYSM, diagnosis/ CEREBRAL ARTERIOVENOUS MALFORMATIONS, diagnosis/ *CEREBROVASCULAR CIRCULATION/ *CEREBROVASCULAR DISORDERS, diagnosis/ *HEMANGIOMA, diagnosis/ HUMAN/ *RADIOISOTOPE SCANNING/ *XENON, diagnostic use

5855. **Packard AG Jr:** Prosthetic replacement of the proximal half of the humerus. Clin Orthop 93:250-2, Jun 73
BONE NEOPLASMS, pathology/ CHONDROBLASTOMA, pathology/ CHONDROSARCOMA, pathology/ HEMANGIOENDOTHELIOMA, pathology/ HUMAN/ HUMERAL FRACTURES, pathology/ HUMERUS, pathology/ *HUMERUS, surgery/ *JOINT PROSTHESIS/ METHODS/ *PROSTHESIS/ SHOULDER JOINT, surgery

5856. **Packer JM:** Radiologic seminar CXXI: hemomediastinum associated with anticoagulant therapy. J Miss State Med Assoc 13:434-5, Oct 72
ADULT/ CASE REPORT/ FEMALE/ *HEMOTHORAX, chemically induced/ HUMAN/ *MEDIASTINAL DISEASES, chemically induced/ THROMBOPHLEBITIS, drug therapy/ *WARFARIN, adverse effects/ WARFARIN, therapeutic use

5857. **Packham MA, Guccione MA, Chang PL, et al:** Platelet aggregation and release: effects of low concentrations of thrombin or collagen. Am J Physiol 225:38-47, Jul 73
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, drug effects/ CARBON ISOTOPES/ *COLLAGEN, pharmacodynamics/ DRUG SYNERGISM/ EPINEPHRINE, pharmacodynamics/ HISTAMINE, pharmacodynamics/ HUMAN/ *PLATELET ADHESIVENESS, drug effects/ RABBITS/ SEROTONIN, pharmacodynamics/ *THROMBIN, pharmacodynamics

5858. **Padányi A:** Bronchustamponálás jelentősége a súlyos tüdővérzés kezelésében.
Orv Hetil 114:1854-8, 5 Aug 73 (Hun)
HEMORRHAGE, mortality/ *HEMORRHAGE, therapy/ *HEMOSTASIS/ HUNGARY/ LUNG DISEASES, mortality/ *LUNG DISEASES, therapy/ LUNG NEOPLASMS, mortality/ *TAMPONS

5859. **Padar E:** Fibrin cross-linkage, thrombosis and pregnancy. Ann NY Acad Sci 202:230-4, 8 Dec 72
BLOOD COAGULATION/ DRUG STABILITY/ *FACTOR XIII, metabolism/ FEMALE/ FIBRIN, physiology/ *FIBRINOGEN, metabolism/ HUMAN/ LIGHT/ NAPHTHOLS/ PRECIPITATION/ *PREGNANCY/ PREGNANCY COMPLICATIONS/ SOLUBILITY/ *THROMBOSIS, etiology/ TIME FACTORS/ UREA

5860. **Padovani J, Kasbarian M, Faure F, et al:** Prévention des accidents de l'angiographie par cathétérisme artériel. Notre statistique.
J Radiol Electrol Med Nucl 54:113-8, Feb 73 (Fre)
ADULT/ AGED/ *ANGIOGRAPHY, adverse effects/ AORTOGRAPHY, adverse effects/ *CATHETERIZATION, adverse effects/ CELIAC ARTERY, radiography/ ENGLISH ABSTRACT/ HEMATOMA, etiology/ *HEMATOMA, prevention & control/ HUMAN/ MESENTERIC ARTERIES, radiography/ METHODS/ MIDDLE AGE/ PHLEBITIS, etiology/ *PHLEBITIS, prevention & control/ RENAL ARTERY, radiography/ STATISTICS/ THROMBOSIS, etiology/ *THROMBOSIS, prevention & control

5861. **Paegle RD, Ayres SM, Davis S:** Rapid tracheal injury by cuffed airways and healing with loss of ciliated epithelium. Arch Surg 106:31-4, Jan 73
ADULT/ AGED/ AIRWAY OBSTRUCTION, etiology/ ANTICOAGULANTS, adverse effects/ AUTOPSY/ CHILD, PRESCHOOL/ EPITHELIAL CELLS/ ESOPHAGEAL PERFORATION, etiology/ FEMALE/ HEMORRHAGE, etiology/ HUMAN/ INFLAMMATION/ *INTUBATION, INTRATRACHEAL, adverse effects/ MALE/ MIDDLE AGE/ NECROSIS/ OXYGEN, poisoning/ PNEUMOTHORAX, etiology/ TIME FACTORS/ *TRACHEA, injuries/ *TRACHEAL STENOSIS, etiology/ TRACHEAL STENOSIS, pathology/ VOCAL CORDS, pathology/ WOUND HEALING

5862. **Pafalovich MB, Zil'bert NI:** Sostoianie svertyvaemosti krovi u bol'nykh rakom matki po dannym tromboelastograficheskikh issledovanii.
Akush Ginekol (Mosk) 48:65-6, Oct 72 (Rus)
ADULT/ *BLOOD COAGULATION/ *CERVIX NEOPLASMS, blood/ FEMALE/ HUMAN/ THROMBELASTOGRAPHY/ *UTERINE NEOPLASMS, blood

5863. **Page EW:** On the pathogenesis of pre-eclampsia and eclampsia.
J Obstet Gynaecol Br Commonw 79:883-94, Oct 72 (76 ref.)
CONSTRICTION/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/

*ECLAMPSIA, etiology/ ECLAMPSIA, pathology/ EDEMA, etiology/ FEMALE/ GLOMERULAR FILTRATION RATE/ HUMAN/ HYPERTENSION, etiology/ KIDNEY DISEASES, complications/ KIDNEY DISEASES, etiology/ PLACENTA, blood supply/ PLACENTA, pathology/ PREGNANCY/ *PREGNANCY TOXEMIAS, etiology/ PREGNANCY TOXEMIAS, pathology/ PROTEINURIA, etiology/ REVIEW/ UTERUS, blood supply/ VASCULAR DISEASES

5864. **Pailas JE, Allies B:** Surgical treatment of spontaneous intracerebral hemorrhage. Immediate and long-term results in 250 cases. J Neurosurg 39:145-51, Aug 73
ADULT/ AGE FACTORS/ AGED/ BRAIN NEOPLASMS, complications/ CEREBRAL ANEURYSM, complications/ CEREBRAL ANGIOGRAPHY/ CEREBRAL ARTERIOSCLEROSIS, complications/ CEREBRAL ARTERIOVENOUS MALFORMATIONS, complications/ CEREBRAL HEMORRHAGE, etiology/ CEREBRAL HEMORRHAGE, mortality/ CEREBRAL HEMORRHAGE, radiography/ *CEREBRAL HEMORRHAGE, surgery/ CEREBROVASCULAR DISORDERS, complications/ ELECTROENCEPHALOGRAPHY/ EPILEPSY, etiology/ EVALUATION STUDIES/ FEMALE/ FOLLOW-UP STUDIES/ HEMANGIOMA, complications/ HUMAN/ HYPERTENSION, complications/ MALE/ MIDDLE AGE/ SEX FACTORS

5865. **Pakszys W:** Niektóre problemy interakcji 5,5 1 -dwufenylohydantoiny (Hydantoinal) z innymi lekami. Pol Tyg Lek 27:1990-3, 11 Dec 72 (25 ref.) (Pol)
ADRENAL CORTEX HORMONES, pharmacodynamics/ ANTICOAGULANTS, pharmacodynamics/ ANTIDIABETICS, pharmacodynamics/ ANTITUBERCULAR AGENTS/ BARBITURATES, pharmacodynamics/ BIOTRANSFORMATION/ *DIPHENYLHYDANTOIN, pharmacodynamics/ *DRUG INTERACTIONS/ DRUG SYNERGISM/ ENZYME INDUCTION/ HUMAN/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ LIVER, enzymology/ PITUITARY-ADRENAL SYSTEM, drug effects/ REVIEW

5866. **Pal S:** Femoral neuropathy due to haemorrhage into iliacus muscle. J Indian Med Assoc 59:114-5, 1 Aug 72
ADOLESCENCE/ CASE REPORT/ *FEMORAL NERVE/ *HEMOPHILIA, complications/ *HEMORRHAGE, complications/ HUMAN/ MALE/ *MUSCULAR DISEASES, complications/ *PERIPHERAL NERVE DISEASES, etiology

5867. **Paladino NR:** Estado atual do uso de anticoagulantes em cardiologia. Arq Bras Cardiol 25:271-2, Jun 72 (Por)
*ANTICOAGULANTS, therapeutic use/ HUMAN/ *MYOCARDIAL INFARCT, drug therapy/ *THROMBOSIS, drug therapy

5868. **Palamarchuk GS, Khalina MD, Saifulina MG, et al:** Primenenie khimotripsina pri krovoizliianiiakh v polosti glaza.
Oftalmol Zh 27:323-7, 1972 (Rus)
ADULT/ *CHYMOTRYPSIN, therapeutic use/ ENGLISH ABSTRACT/ *EYE DISEASES, drug therapy/ EYE DISEASES, surgery/ EYE INJURIES, complications/ HUMAN/ POSTOPERATIVE COMPLICATIONS, drug therapy/ *RETINAL HEMORRHAGE, drug therapy

5869. **Palát M:** vplyv telesného zaťaženia na fibrinolytickú aktivitu krvného séra u hypertonickej choroby. Fysiatr Reumatol Vestn 51:92-6, Apr 73 (Slo)
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ *EXERTION/ *FIBRINOLYSIS/ HUMAN/ *HYPERTENSION, blood/ MALE

5870. **Palekar MS, Sirsat SM:** Electron histochemistry of cell surface sialic acid in human fibrosarcoma & fibroblast cells in vitro. Indian J Exp Biol 10:333-6, Sep 72
CELL LINE/ CELL MEMBRANE, analysis/ FEMALE/ FIBROBLASTS, analysis/ *FIBROSARCOMA, metabolism/ HISTOCYTOCHEMISTRY/ HUMAN/ HYALURONIDASE/ MICROSCOPY, ELECTRON/ *NEURAMINIC ACIDS, analysis/ NEURAMINIDASE/ TRYPSIN

5871. **Palester-Chlebowczyk M, Bromberg-Sznek S, Vertun B, et al:** Poziom fibrynogenu i jego stosunek do innych wskaźników biochemicznych w zespole nerzycowym.
Pol Arch Med Wewn 50:361-72, Apr 73 (Pol)
ADOLESCENCE/ ADULT/ AGED/ AMYLOIDOSIS, blood/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOGEN, analysis/ GLOMERULONEPHRITIS, blood/ HUMAN/ LIPIDS, blood/ MALE/ MIDDLE AGE/ *NEPHROTIC SYNDROME, blood/ PROTEINURIA, blood

5872. **Palester-Chlebowczyk M, Strzyżewska E, Olender A:** Zaburzenia krzepnięcia krwi i fibrynolizy związane z zabiegami na otwartym sercu z użyciem krążenia pozaustrojowego.
Acta Haematol Pol 2:163-8, Apr-Jun 71 (Pol)
BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION DISORDERS, prevention & control/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ *EXTRACORPOREAL CIRCULATION, adverse effects/ FACTOR VII/ FACTOR X/ *FIBRINOLYSIS/ HEART SURGERY/ HEPARIN, therapeutic use/ HUMAN/ SERUM GLOBULINS/ TIME FACTORS

5873. **Palester-Chlebowczyk M, Strzyzewska E, Latallo ZS:** Preliminary results of the reptilase clotting time and protamine test in patients undergoing open heart surgery with extracorporeal circulation.
J Clin Pathol 25:625, Jul 72
*BLOOD COAGULATION TESTS/ *EXTRACORPOREAL CIRCULATION/ *HEART SURGERY/ HUMAN/ *PEPTIDE HYDROLASES/ *PROTAMINES/ SERUM GLOBULINS/ SNAKES/ VENOMS

5874. **Palitti F, Rizzoni M:** Experimental evolution of cell populations of Chinese hamster treated with colchicine. Induction of high degree of ploidy and a phase-specific lethal effect.
Int J Cancer 9:510-23, 15 May 72
ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ CELL DIVISION/ CELL LINE/ CELLS, CULTURED/ *COLCHICINE, pharmacodynamics/ CULTURE MEDIA/ HAMSTERS/ MITOSIS/ *POLYPLOIDY, drug effects/ TIME FACTORS/ TRITIUM/ TRYPSIN

5875. **Palkuti HA, Longberry JF:** A precision study of coagulation factor assay technics.
Am J Clin Pathol 59:231-5, Feb 73
*BLOOD COAGULATION FACTORS, analysis/ *BLOOD COAGULATION TESTS/ FACTOR V, analysis/ FACTOR VIII, analysis/ FACTOR IX, analysis/ HUMAN/ INDICATORS AND REAGENTS/ METHODS

5876. **Palma-Carlos AG, Geraldes MJ:** Etude de la coagulation in vitro des les urticaires chroniques.
Nouv Presse Med 1:3203, 30 Dec 72 (Fre)
*BLOOD COAGULATION/ BLOOD PLATELETS/ CHRONIC DISEASE/ HUMAN/ THROMBELASTOGRAPHY/ *URTICARIA, blood/ URTICARIA, physiopathology

5877. **Palmer ED:** Gastric mucoma--12 cases.
Am J Med Sci 264:295-300, Oct 72
ADULT/ AGED/ ATROPHY, complications/ *BEZOARS/ BEZOARS, diagnosis/ BEZOARS, etiology/ BEZOARS, radiography/ DIABETES MELLITUS, complications/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ GASTRECTOMY/ GASTRITIS, complications/ GASTROSCOPY/ HUMAN/ MALE/ MIDDLE AGE/ *MUCUS, secretion/ PAPAIN, therapeutic use/ PEPTIDE HYDROLASES, therapeutic use/ POSTOPERATIVE COMPLICATIONS/

STOMACH DISEASES, drug therapy/ STOMACH DISEASES, surgery/ STOMACH NEOPLASMS, diagnosis

5878. **Palmer PE, Wolfe HJ, Gherardi GJ:** Hepatic changes in adult alpha-1-antitrypsin deficiency.
Gastroenterology 65:284-93, Aug 73
ADULT/ AGED/ AUTOPSY/ CELLULAR INCLUSIONS/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ HISTOCYTOCHEMISTRY/ HUMAN/ *LIVER, pathology/ MALE/ METABOLISM, INBORN ERRORS, enzymology/ METABOLISM, INBORN ERRORS, pathology/ METHODS/ *TRYPSIN INHIBITORS, metabolism

5879. **Palmer R, McIntosh A, Pusztai A:** The nutrition evaluation of kidney beans (Phaseolus vulgaris). The effect of nutritional value of seed germination and changes in trypsin inhibitor content.
J Sci Food Agric 24:937-44, Aug 73
ALBUMINS, metabolism/ AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ ANIMAL NUTRITION/ BODY COMPOSITION/ BODY WEIGHT/ CASEIN/ DIETARY PROTEINS/ DIGESTION/ GLOBULINS, metabolism/ *NITROGEN, metabolism/ PLANT PROTEINS, metabolism/ PLANT PROTEINS, standards/ *PLANTS, EDIBLE, metabolism/ RATS/ SEEDS, growth & development/ SEEDS, metabolism/ *TRYPSIN INHIBITORS, metabolism/ VEGETABLES

5880. **Palmieri R, Yue RH, Jacobs HK, et al:** Nucleoside triphosphate-nucleoside diphosphate transphosphorylase (nucleoside diphosphokinase). 3. Subunit structure of the crystalline enzyme from brewers' yeast. J Biol Chem 248:4486-99, 25 Jun 73
AMINO ACIDS, analysis/ CRYSTALLIZATION/ CYSTEINE, analysis/ DIFFUSION/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ HYDRAZINES/ KINETICS/ MACROMOLECULAR SYSTEMS/ MATHEMATICS/ MOLECULAR WEIGHT/ NUCLEOTIDES/ PEPTIDES, analysis/ *PHOSPHOTRANSFERASES/ PHOSPHOTRANSFERASES, analysis/ PHOSPHOTRANSFERASES, isolation & purification/ *SACCHAROMYCES CEREVISIAE, enzymology/ SODIUM DODECYL SULFATE/ SULFHYDRYL COMPOUNDS, analysis/ TRYPSIN/ TRYPTOPHAN, analysis/ ULTRACENTRIFUGATION/ UREA

5881. **Palos LA:** Biologicheskaia rol' kisloroda atmosfery v mekhanizme svertyvaniia krovi.
Kosm Biol Med 6:8-13, Sep-Oct 72 (Rus)
ADAPTATION, PHYSIOLOGICAL/ *AIR/ ANIMAL EXPERIMENTS/ ANOXEMIA, physiopathology/ ATMOSPHERE/ BLOOD CIRCULATION/ *BLOOD COAGULATION/ COUMARINS, pharmacodynamics/ CYSTEINE, pharmacodynamics/ DECOMPRESSION SICKNESS, physiopathology/ FACTOR X, physiology/ HEMOPHILIA, physiopathology/ HUMAN/ HYPERBARIC OXYGENATION/ HYPERTHYROIDISM, physiopathology/ IN VITRO/ MICE/ OXIDATION-REDUCTION/ *OXYGEN, pharmacodynamics/ PROTHROMBIN, antagonists & inhibitors/ RESPIRATION

5882. **Palosuo T, Hurme M:** Requirements for antibody in the immune complex-induced platelet aggregation reaction.
Acta Pathol Microbiol Scand [B] 81:143-9, Feb 73
ANIMAL EXPERIMENTS/ *ANTIBODIES/ *ANTIGEN-ANTIBODY COMPLEX/ ANTIGENIC DETERMINANTS/ BINDING SITES, ANTIBODY/ *BLOOD PLATELETS, immunology/ CHROMATOGRAPHY, DEAE-CELLULOSE/ COMPLEMENT FIXATION TESTS/ HAPTENS/ IGG/ IMMUNE SERUMS/ METHODS/ *PLATELET ADHESIVENESS/ RABBITS/ RABBITS, immunology

5883. **Panakhiian AG:** Koaguliruiushchaia sposobnost' krovi pri khronicheskoi venoznoi nedostatochnosti nizhnikh konechnostei.
Khirurgiia (Mosk) 48:19-24, Aug 72 (Rus)
ADULT/ AGED/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LEG, blood supply/ MALE/ MIDDLE AGE/ *VENOUS INSUFFICIENCY, blood/ VENOUS INSUFFICIENCY, surgery

5884. **Panchenko VM, Abdukal'ykov EA:** Lipidy krovi i pokazateli gemokoaguliatsii u lits, zaniatykh v sakharnom proizvodstve.
Klin Med (Mosk) 50:128-33, Nov 72 (Rus)
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION TESTS/ BLOOD SUGAR, analysis/ ENGLISH ABSTRACT/ HUMAN/ *INDUSTRIAL MEDICINE/ *LIPIDS, blood/ MIDDLE AGE/ TIME FACTORS

5885. **Panchenko VM, Kudriashov BA, Liapina LA:** O symmarnoi nefermentativnoi fibrinoliticheskoi aktivnosti i ob obrazovanii kompleksa adrenalin-geparin pri ishemicheskoi bolezni serdtsa.
Klin Med (Mosk) 50:37-41, Aug 72 (Rus)
ACUTE DISEASE/ AGED/ *CORONARY DISEASE, blood/ ENGLISH ABSTRACT/ *EPINEPHRINE, blood/ FEMALE/ *FIBRINOLYSIS/ *HEPARIN, blood/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, blood/ STRESS, PSYCHOLOGICAL

5886. **Pandolfi M, Ahlberg A, Traldi A, et al:** Fibrinolytic activity of human synovial membranes in health and in haemophilia. Scand J Haematol 9:572-6, 1972
ADOLESCENCE/ ADULT/ CHILD/ ELBOW JOINT/ FIBRIN FOAM/ *FIBRINOLYSIS/ HEMARTHROSIS, etiology/ HEMARTHROSIS, metabolism/ HEMARTHROSIS, pathology/ HEMOPHILIA, complications/ *HEMOPHILIA, metabolism/ HEMOPHILIA, pathology/ HISTOCYTOCHEMISTRY/ HUMAN/ KNEE JOINT/ METHODS/ *SYNOVIAL MEMBRANE, metabolism/ SYNOVIAL MEMBRANE, pathology

5887. **Pandolfi M, Nilsson IM:** On coagulation and fibrinolysis in trauma and shock. Eur Surg Res 4:153-65, 1972
*BLOOD COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, blood/ *SHOCK, TRAUMATIC, blood/ SHOCK, TRAUMATIC, complications/ *WOUNDS AND INJURIES, blood/ WOUNDS AND INJURIES, complications

5888. **Panettiere F, Coltman CA Jr:** Splenectomy effects on chemotherapy in Hodgkin's disease.
Arch Intern Med 131:362-6, Mar 73
*ANTINEOPLASTIC AGENTS, therapeutic use/ *BENZOATES, therapeutic use/ BLOOD CELL COUNT/ BLOOD PLATELETS/ EVALUATION STUDIES/ *HODGKIN'S DISEASE, drug therapy/ HUMAN/ LEUKOCYTE COUNT/ LYMPHOCYTES/ MECHLORETHAMINE, administration & dosage/ *MECHLORETHAMINE, therapeutic use/ PREDNISONE, administration & dosage/ *PREDNISONE, therapeutic use/ PROCARBAZINE, administration & dosage/ PROCARBAZINE, therapeutic use/ REMISSION/ *SPLENECTOMY/ VINCRISTINE, administration & dosage/ *VINCRISTINE, therapeutic use

5889. **Pankov IuA, Iudaev NA:** Polnaia posledovatel'nost' aminokislotnykh ostatkov v molekule svinogo beta-lipotropina.
Biokhimiia 37:991-1004, Sep-Oct 72 (Rus)
*AMINO ACID SEQUENCE/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ ENGLISH ABSTRACT/ GEL FILTRATION/ LIPOTROPIN, analysis/ *PITUITARY HORMONES, ANTERIOR, analysis/ SWINE/ TRYPSIN

5890. **Pann C, Kuhns WJ:** Differentiation of HeLa cells with respect to blood group H antigen.
Nature [New Biol] 240:22-4, 1 Nov 72

AGGLUTINATION TESTS/ *BLOOD GROUPS/ CELL DIFFERENTIATION/ CELL DIVISION/ CLONE CELLS/ FLUORESCENT ANTIBODY TECHNIC/ FUCOSE/ GENES, REGULATOR/ HELA CELLS, cytology/ HELA CELLS, drug effects/ HELA CELLS, enzymology/ *HELA CELLS, immunology/ HELA CELLS, metabolism/ HEXOSYLTRANSFERASES, biosynthesis/ HUMAN/ MODELS, STRUCTURAL/ OPERON/ PHENOTYPE/ THYMIDINE, metabolism/ TRITIUM/ TRYPSIN, pharmacodynamics

5891. **Pannwitz HG, Kluge R:** Eingriffe nach herzklappenopertionen.
Zentralbl Chir 97:1428-30, 7 Oct 72 (Ger)
ADULT/ BLOOD COAGULATION DISORDERS, complications/ *CHOLECYSTECTOMY/ CHOLELITHIASIS, complications/ FEMALE/ *HEART VALVE PROSTHESIS/ HUMAN/ KIDNEY CALCULI, complications/ *KIDNEY CALCULI, surgery/ MALE/ MIDDLE AGE

5892. **Pansaiewicz M:** Przypadek naczyniako-śródbłoniaka haemangioendothelioma u 2-dniowego niemowlęcia.
Patol Pol 23:429-32, Jul-Sep 72 (Pol)
AGE FACTORS/ AUTOPSY/ ENGLISH ABSTRACT/ *HEMANGIOENDOTHELIOMA, congenital/ HEMANGIOENDOTHELIOMA, pathology/ HUMAN/ INFANT, NEWBORN/ *LIVER NEOPLASMS, congenital/ LIVER NEOPLASMS, pathology/ MALE

5893. **Pantazapoulos P, Mandalakes T, Mposinakos M:** Therapeutike agoge epi haimorragikon diatheseon eia ten odontiatriken.
Stomatologia (Athenai) 29:415-24, Nov-Dec 72 (Gre)
*BLOOD COAGULATION DISORDERS, drug therapy/ *DENTAL CARE/ ENGLISH ABSTRACT/ FIBRINOGEN, therapeutic use/ *HEMORRHAGE, ORAL, prevention & control/ *HEMORRHAGIC DIATHESIS, drug therapy/ HEMOSTATICS, therapeutic use/ HUMAN/ THROMBIN, therapeutic use

5894. **Paolucci G:** Variazioni del fenomeno coagulativo del sangue in animali traumatizzati.
Riv Med Aeronaut Spaz 35:73-83, Jan-Jun 72 (Ita)
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ MALE/ RATS/ THROMBELASTOGRAPHY/ THROMBOPLASTIN, analysis/ *WOUNDS AND INJURIES, complications

5895. **Pap Z, Metz O, Puskás E:** Carenţe enzimatice şi tulburări de absorbţie consecutive în enteropatiile cronice nespecifice şi celiakie la copii.
Pediatria (Bucur) 21:323-6, Jul-Aug 72 (Rum)
*AMYLASE, metabolism/ CARBOHYDRATES, metabolism/ *CELIAC DISEASE, enzymology/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HUMAN/ INFANT/ *INTESTINAL DISEASES, complications/ *MALABSORPTION SYNDROMES, enzymology/ *METABOLISM, INBORN ERRORS/ TRYPSIN, metabolism/ XYLOSE, metabolism

5896. **Papangelou L:** Hemostasis in tonsillectomy. A comparison of electrocoagulation and ligation.
Arch Otolaryngol 96:358-60, Oct 72
ADOLESCENCE/ ADULT/ *BLOOD VESSELS, surgery/ CHILD/ CHILD, PRESCHOOL/ COMPARATIVE STUDY/ *ELECTROCOAGULATION/ EVALUATION STUDIES/ FEMALE/ HEMORRHAGE, etiology/ *HEMOSTASIS/ HUMAN/ INFANT/ LIGATION/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ TIME FACTORS/ *TONSILLECTOMY

5897. **Papas PW, Read CP:** Trypsin inactivation by intact Hymenolepis diminuta. J Parasitol 58:864-71, Oct 72
ALBUMINS/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ AZO COMPOUNDS/ CALCIUM, pharmacodynamics/ *CESTODA, metabolism/ HEMOGLOBIN/ HYDROGEN-ION CONCENTRATION/ MALE/ RATS/ TENEBRIO/ TIME FACTORS/ TRYPSIN, metabolism/ *TRYPSIN INHIBITORS

5898. **Papayannis AG, Geary CG, Burn A, et al:** Increased platelet adhesiveness as a familial characteristic.
Br J Haematol 24:435-41, Apr 73
BLOOD CELL COUNT/ *BLOOD PLATELET DISORDERS, familial & genetic/ FACTOR VIII, analysis/ FEMALE/ GENES, DOMINANT/ HEMATOCRIT/ HEMORRHAGE, familial & genetic/ HEMORRHAGIC DIATHESIS, familial & genetic/ HUMAN/ MALE/ *PLATELET ADHESIVENESS/ TIME FACTORS/ VON WILLEBRAND'S DISEASE, blood

5899. **Pape U, Boll I:** Thrombocytopenische Purpura nach Thorotrast-Applikation. Ein kasuistischer Beitrag zur Thorotrast-Spätschädigung.
Hautarzt 24:254-7, Jun 73 (Ger)
AGED/ AUTOIMMUNE DISEASES, diagnosis/ AUTORADIOGRAPHY/ BONE MARROW EXAMINATION/ DIAGNOSIS, DIFFERENTIAL/ DRUG HYPERSENSITIVITY, diagnosis/ FEMALE/ HUMAN/ *PURPURA, THROMBOPENIC, chemically induced/ PURPURA, THROMBOPENIC, diagnosis/ PURPURA, THROMBOPENIC, radiography/ *THORIUM DIOXIDE, adverse effects/ TIME FACTORS

5900. **Papo I, Salvolini U, Vecchi A:** Tumeur vasculaire du cavum de Meckel.
Neurochirurgie 18:371-81, Jul-Aug 72 (Fre)
ANGIOSARCOMA, diagnosis/ BRAIN NEOPLASMS, classification/ *BRAIN NEOPLASMS, diagnosis/ CAROTID ARTERIES, radiography/ CASE REPORT/ CEREBELLOPONTILE ANGLE/ CEREBRAL ANGIOGRAPHY/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HEMANGIOMA, diagnosis/ HUMAN/ HYPESTHESIA, etiology/ MENINGIOMA, diagnosis/ MIDDLE AGE/ NEOPLASMS, VASCULAR TISSUE, classification/ *NEOPLASMS, VASCULAR TISSUE, diagnosis/ NEUROLOGIC MANIFESTATIONS/ PROGNOSIS/ REFLEX, ABNORMAL/ TOMOGRAPHY, RADIOGRAPHIC

5901. **Papo I, Salvolini U, Caruselli G:** Aneurysm of the anterior choroidal artery with intraventricular hematoma and hydrocephalus. Case report.
J Neurosurg 39:255-60, Aug 73
CEREBRAL ANEURYSM, diagnosis/ *CEREBRAL ANEURYSM, etiology/ CEREBRAL ANEURYSM, surgery/ CEREBRAL ANGIOGRAPHY/ *CEREBRAL ARTERIOSCLEROSIS, complications/ CEREBRAL ARTERY DISEASES, etiology/ CEREBROSPINAL FLUID SHUNTS/ CHOROID, blood supply/ FEMALE/ HEMATOMA, diagnosis/ *HEMATOMA, etiology/ HUMAN/ *HYDROCEPHALUS, etiology/ HYDROCEPHALUS, surgery/ HYPERTENSION, complications/ MIDDLE AGE/ PNEUMOENCEPHALOGRAPHY/ TOMOGRAPHY

5902. **Pappas PW, Read CP:** Inactivation of alpha- and beta-chymotrypin by intact Hymenolepis diminuta (Cestoda). Biol Bull 143:605-16, Dec 72
ANIMAL EXPERIMENTS/ *CESTODA, metabolism/ *CHYMOTRYPSIN, metabolism/ MALE/ RATS

5903. **Parant M, Cayron R:** Volumineux kyste du massif facial d'étiologie inconnue.
Actual Odontostomatol (Paris) 26:279-80, 1972 (Fre)
ADULT/ BIOPSY, NEEDLE/ BONE RESORPTION/ CASE REPORT/ *CYSTS/ CYSTS, etiology/ CYSTS, pathology/ CYSTS, radiography/ CYSTS, surgery/ *FACE/ *HEMATOMA, complications/ HUMAN/ MALE/ *WOUNDS, GUNSHOT, complications

5904. **Parant M, Cayron R:** Volumineux kyste du massif facial d'étiologie inconnue.
Rev Fr Odontostomatol 19:244, May-Jun 72 (Fre)
ADULT/ CASE REPORT/ CHEEK, pathology/ *CYSTS/ CYSTS, etiology/ CYSTS, surgery/

*FACIAL INJURIES, complications/ HEMATOMA, complications/ HUMAN/ MALE/ PUNCTURES

5905. **Paraskevas F, Orr KB, Lee ST:** Cell surface-associated gamma globulins in lymphocytes. 3. Changes of globulin-carrying lymphocytes during primary response. J Immunol 109:1254-61, Dec 72
ANIMAL EXPERIMENTS/ *ANTIBODY FORMATION/ ANTIGENS/ *CELL MEMBRANE, immunology/ CHICKENS, immunology/ ERYTHROCYTES, immunology/ FEMALE/ FERRITIN/ FIBRINOGEN/ FLAGELLA/ FREUND'S ADJUVANT/ *GAMMA GLOBULIN/ HEMOCYANIN/ HUMAN/ IMMUNE ADHERENCE REACTION/ IMMUNE SERUMS/ LYMPH NODES, cytology/ *LYMPHOCYTES, immunology/ MICE/ PLASMA CELLS, immunology/ SALMONELLA, immunology/ SERUM ALBUMIN, BOVINE/ SHEEP, immunology/ SPLEEN, cytology/ THYMUS GLAND, immunology

5906. **Paredes JC, Garcia Z, Felipe F:** La exodoncia en el paciente hemofílico.
Divulg Cult Odontol 3-7, Mar-Apr 72 (Spa)
HEMOPHILIA, complications/ HEMORRHAGE, ORAL, prevention & control/ SPECIAL LIST DENTAL/ TOOTH EXTRACTION

5907. **Parent A:** A comparison of the manual and semi-automated methods for prothrombin time determination.
Can J Med Technol 35:33 passim, Aug 73
AUTOMATION/ COMPARATIVE STUDY/ METHODS/ *PROTHROMBIN TIME/ STATISTICS/ TECHNOLOGY, MEDICAL

5908. **Paris GL, Beard C:** Blepharoptosis following dermolipoma surgery. Ann Ophthalmol 5:697-9, Jun 73
ADHESIONS, complications/ ADOLESCENCE/ *BLEPHAROPTOSIS, etiology/ CHILD/ CONJUNCTIVA, pathology/ *EYE NEOPLASMS, surgery/ FEMALE/ HUMAN/ *LIPOMA, surgery/ MALE/ OCULOMOTOR MUSCLES, injuries/ *POSTOPERATIVE COMPLICATIONS

5909. **Pariser RJ, Munson AE, Meliette SJ:** Potentiation of cortisone-induced RES suppression in mice by vitamin K 1 . J Reticuloendothel Soc 13:319-24, Apr 73
ANIMAL EXPERIMENTS/ CORTISONE, administration & dosage/ *CORTISONE, pharmacodynamics/ DRUG SYNERGISM/ ERYTHROCYTES, immunology/ IMMUNITY, CELLULAR, drug effects/ *IMMUNOSUPPRESSION/ INJECTIONS, SUBCUTANEOUS/ LIVER, immunology/ MALE/ METHODS/ MICE/ MICE, INBRED STRAINS/ PHAGOCYTOSIS, drug effects/ PHYTONADIONE, administration & dosage/ *PHYTONADIONE, pharmacodynamics/ *RETICULOENDOTHELIAL SYSTEM, drug effects/ RETICULOENDOTHELIAL SYSTEM, immunology/ RETICULOENDOTHELIAL SYSTEM, physiology/ SHEEP/ SPLEEN, cytology/ SPLEEN, immunology

5910. **Parish WE:** Cutaneous vasculitis: antigen-antibody complexes and prolonged fibrinolysis.
Proc R Soc Med 65:276-8, Mar 72
ANTIBODY FORMATION/ ANTIBODY SPECIFICITY/ *ANTIGEN-ANTIBODY COMPLEX/ ANTIGENS, BACTERIAL/ COMPLEMENT, analysis/ *FIBRINOLYSIS/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ IMMUNE COMPLEX DISEASE/ IMMUNOGLOBULINS, analysis/ SKIN, immunology/ *SKIN DISEASES, immunology/ STREPTOCOCCUS, immunology/ TOXINS/ *VASCULAR DISEASES, immunology

5911. **Parish WE:** General concepts of autosensitivity in disease. Adv Biol Skin 11:233-66, 1971 (78 ref.)
ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ ANTIGEN-ANTIBODY REACTIONS/ ANTIGENS/ ANTIGENS, analysis/ AUTOANTIBODIES/ *AUTOIMMUNE DISEASES, immunology/ BINDING SITES, ANTIBODY/ BLOOD PLATELETS, immunology/ COLLOIDS/ FREUND'S ADJUVANT/ GLOBULINS/ HAPTENS/ *HYPERSENSITIVITY, immunology/ IMMUNE TOLERANCE/ IMMUNITY, CELLULAR/ IMMUNOGLOBULINS/ IMMUNOLOGIC MEMORY/ LE CELLS/ LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ MUTATION/ PEMPHIGUS, immunology/ PRECIPITIN TESTS/ REVIEW/ SKIN, immunology/ THYROID GLAND, immunology

5912. **Parisi JT, Baldwin JN, Sottile M:** Pour-plate method for the detection of coagulase production by Staphylococcus aureus.
Appl Microbiol 25:558-61, Apr 73
AGAR/ *BACTERIOLOGICAL TECHNICS/ CATTLE/ *COAGULASE, analysis/ COAGULASE, biosynthesis/ FIBRIN/ FOOD MICROBIOLOGY/ HUMAN/ METHODS/ PLASMA/ PRECIPITATION/ RABBITS/ SPECIES SPECIFICITY/ *STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, growth & development/ SWINE

5913. **Parker AJ:** Clinical significance of traumatic occlusion of segmental spinal arteries.
J Am Vet Med Assoc 162:1041-2, 15 Jun 73
ANIMAL EXPERIMENTS/ *ARTERIES, injuries/ *DOGS/ HEMATOMA, etiology/ HEMATOMA, radiography/ LUMBAR VERTEBRAE/ RUPTURE/ *SPINAL CORD, blood supply/ *SPINAL INJURIES, complications/ SPINAL INJURIES, radiography/ THROMBOSIS, etiology/ THROMBOSIS, radiography/ THROMBOSIS, veterinary/ VETERINARY MEDICINE

5914. **Parker R:** A case of juvenile angiofibroma.
Arch Otolaryngol 98:129-30, Aug 73
ADOLESCENCE/ *ANGIOMA, SCLEROSING/ ANGIOMA, SCLEROSING, diagnosis/ ANGIOMA, SCLEROSING, radiography/ ANGIOMA, SCLEROSING, radiotherapy/ ANGIOMA, SCLEROSING, surgery/ DIAGNOSIS, DIFFERENTIAL/ *FACIAL NEOPLASMS/ FACIAL NEOPLASMS, diagnosis/ FACIAL NEOPLASMS, radiography/ FACIAL NEOPLASMS, surgery/ HUMAN/ MALE/ MAXILLARY NEOPLASMS, diagnosis/ MAXILLARY NEOPLASMS, radiography/ MAXILLARY NEOPLASMS, radiotherapy/ MAXILLARY NEOPLASMS, surgery/ METHODS/ PAROTID NEOPLASMS, diagnosis

5915. **Parkin DM, McClelland DB, Samson RR, et al:** The effect of acid, pepsin and trypsin on human colostral IgA agglutinins. Eur J Clin Invest 3:66-71, Jan 73
AGGLUTINATION TESTS/ *AGGLUTININS/ *COLOSTRUM/ GEL FILTRATION/ HUMAN/ *HYDROCHLORIC ACID/ HYDROGEN-ION CONCENTRATION/ *IGA/ IMMUNOELECTROPHORESIS/ MALE/ *PEPSIN/ *TRYPSIN

5916. **Parkinson D, Shields C:** Treatment of protruded lumbar intervertebral discs with chymopapain (Discase).
J Neurosurg 39:203-8, Aug 73
ADULT/ AGED/ CEREBROSPINAL FLUID PROTEINS, analysis/ CHONDROITIN/ EVALUATION STUDIES/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ INTERVERTEBRAL DISK DISPLACEMENT, cerebrospinal fluid/ *INTERVERTEBRAL DISK DISPLACEMENT, drug therapy/ MALE/ MIDDLE AGE/ MUCOPROTEINS/ PAIN, drug therapy/ PAPAIN, administration & dosage/ PAPAIN, adverse effects/ PEPTIDE HYDROLASES, administration & dosage/ PEPTIDE HYDROLASES, adverse effects/ *PEPTIDE HYDROLASES, therapeutic use/ SPINAL PUNCTURE

5917. **Parnell DH:** A quality control system for the Coulter counter model S. Med Lab Technol 29:401-4, Oct 72
ANTICOAGULANTS/ BLOOD CELL COUNT, instrumentation/ *BLOOD CELL COUNT, standards/ HUMAN/ METHODS/ QUALITY CONTROL

5918. **Parodi AJ, Behrens NH, Leloir LF, et al:** The role of

polyprenol-bound saccharides as intermediates in glycoprotein synthesis in liver.
Proc Natl Acad Sci USA 69:3268-72, Nov 72
ANIMAL EXPERIMENTS/ BOROHYDRIDES/ CARBON ISOTOPES/ CHICK EMBRYO/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN, metabolism/ DEOXYCHOLIC ACID, metabolism/ FATTY ALCOHOLS, analysis/ FATTY ALCOHOLS, metabolism/ GEL FILTRATION/ GLYCOPROTEINS, analysis/ *GLYCOPROTEINS, biosynthesis/ GLYCOPROTEINS, metabolism/ MANGANESE, metabolism/ *MICROSOMES, LIVER, metabolism/ ORGANOPHOSPHORUS COMPOUNDS, analysis/ ORGANOPHOSPHORUS COMPOUNDS, metabolism/ PAPAIN, metabolism/ POLYSACCHARIDES, analysis/ *POLYSACCHARIDES, metabolism/ PRONASE, metabolism/ PROTEIN DENATURATION/ RATS/ TERPENES, analysis/ *TERPENES, metabolism

5919. **Parris EB:** The use of hemostatic clips in general surgery. Am J Proctol 23:484-8, Dec 72
ABDOMEN, surgery/ GASTROINTESTINAL SYSTEM, surgery/ HEMOSTASIS/ HUMAN/ PANCREAS, surgery/ *SURGICAL INSTRUMENTS/ SURGICAL STAPLERS/ VASCULAR SURGERY, instrumentation

5920. **Parsons WR, Raaf J:** Arteriovenous malformations of the brain. Am Surg 38:621-8, Nov 72
ADOLESCENCE/ ADULT/ AGED/ CEREBRAL ANGIOGRAPHY/ CEREBRAL ARTERIOVENOUS MALFORMATIONS, diagnosis/ *CEREBRAL ARTERIOVENOUS MALFORMATIONS, surgery/ CEREBRAL HEMORRHAGE, etiology/ EPILEPSY, etiology/ FEMALE/ HEMATOMA, etiology/ HUMAN/ MALE/ MIDDLE AGE/ PARKINSONISM, etiology/ POSTOPERATIVE COMPLICATIONS/ PROGNOSIS

5921. **Parvulescu I, Dusleag L:** L'utilisation du pessaire contraceptif intra-utérin dans le traitement des synéchies d'origine traumatique.
Rev Fr Gynecol Obstet 67:653-4, Nov 72 **(Fre)**
*ADHESIONS, therapy/ ESTROGENS, administration & dosage/ FEMALE/ HUMAN/ HYSTEROSALPINGOGRAPHY/ *PESSARIES/ PROGESTATIONAL HORMONES, administration & dosage/ *UTERINE DISEASES, therapy

5922. **Parwaresch MR, Mäder C, Hill W, et al:** Ein kombiniertes Verfahren zur Erzeugung von Arteriosklerose bei Kaninchen in Kurzzeitversuchen.
Res Exp Med (Berl) 160:269-91, 19 Jun 73 **(Ger)**
ANIMAL EXPERIMENTS/ ANOXIA/ AORTA, analysis/ ARTERIOSCLEROSIS, chemically induced/ *ARTERIOSCLEROSIS, pathology/ CALCINOSIS, pathology/ CATECHOLAMINES/ CHOLESTEROL, analysis/ DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ HYPERLIPEMIA/ LIVER, pathology/ LYMPH NODES, pathology/ MALE/ MYOCARDIUM, pathology/ RABBITS/ SPLEEN, pathology/ THYROXINE

5923. **Pasha SP:** Etiologiia i patogenez sindroma Shikhana (obzor literatury.
Akush Ginekol (Mosk) 48:20-3, May 72 (33 ref.) **(Rus)**
AFIBRINOGENEMIA, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ENGLISH ABSTRACT/ ERGOT ALKALOIDS, adverse effects/ FEMALE/ HEMORRHAGE, POSTPARTUM, complications/ HUMAN/ *HYPOPITUITARISM, etiology/ PITUITARY HORMONES, POSTERIOR, adverse effects/ PLACENTA DISORDERS, complications/ PREGNANCY TOXEMIAS, complications/ *PUERPERAL DISORDERS, etiology/ REVIEW/ SHEEHAN'S SYNDROME, etiology/ SHOCK, HEMORRHAGIC, complications

5924. **Pashin IuV:** Nasledstvennye mukopolisakharidozy (obzor literatury.
Vopr Okhr Materin Det 17:49-52, Jun 72 (15 ref.) **(Rus)**
AMNIOCENTESIS/ ANIMAL EXPERIMENTS/ *CARBOHYDRATE METABOLISM, INBORN ERRORS/ CARBOHYDRATE METABOLISM, INBORN ERRORS, diagnosis/ CHONDROITIN, metabolism/ CORNEAL OPACITY, diagnosis/ DOGS/ GALACTOSIDASE, metabolism/ GENES, RECESSIVE/ GLYCOLIPIDS, metabolism/ HEPARIN, metabolism/ HUMAN/ LIPOCHONDRODYSTROPHY, diagnosis/ LIPOCHONDRODYSTROPHY, metabolism/ LIVER, metabolism/ MENTAL RETARDATION/ *MUCOPOLYSACCHARIDES, metabolism/ PROGNOSIS/ RETINITIS PIGMENTOSA, diagnosis/ RETINITIS PIGMENTOSA, metabolism/ REVIEW/ SEX CHROMOSOMES/ SULFATES, metabolism/ SULFUR ISOTOPES/ TISSUE CULTURE

5925. **Pasquini R, Hershgold EJ:** Effects of plasmin on human factor VIII (AHF). Blood 41:105-11, Jan 73
ANTIGENIC DETERMINANTS, analysis/ BLOOD COAGULATION TESTS/ ELECTROPHORESIS, DISK/ *FACTOR VIII, analysis/ *FIBRINOLYSIN, pharmacodynamics/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HEMAGGLUTINATION INHIBITION TESTS/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ RABBITS, immunology

5926. **Passa P:** Hormone de croissance et microangiopathie diabétique. Sem Hop Paris 48:3329-32, 8 Dec 72 **(Fre)**
BLOOD PLATELET DISORDERS, therapy/ *DIABETIC ANGIOPATHIES, metabolism/ DIABETIC ANGIOPATHIES, physiopathology/ DIABETIC ANGIOPATHIES, therapy/ *DIABETIC RETINOPATHY, metabolism/ DIABETIC RETINOPATHY, physiopathology/ DIABETIC RETINOPATHY, therapy/ HUMAN/ *HYPOPHYSECTOMY/ *MICROCIRCULATION/ PITUITARY GLAND FUNCTION TESTS/ PITUITARY GLAND IRRADIATION/ SOMATOTROPIN, blood/ *SOMATOTROPIN, metabolism

5927. **Passa P, Bensoussan D, Canivet J, et al:** Correction après hypophysectomie de l'hyperagrégation plaquettaire observée au cours de la rétinopathie diabétique. Nouv Presse Med 2:2057, 8 Sep 73 **(Fre)**
BLOOD PLATELET DISORDERS, etiology/ *BLOOD PLATELET DISORDERS, therapy/ *DIABETIC RETINOPATHY, complications/ HUMAN/ *HYPOPHYSECTOMY/ METHODS

5928. **Pastorova VE, Timova IP:** Vliianie ADF na agregatsiiu trombotsitov i sistemu svertyvaniia krovi pri vnutrivennoi in'ektsii zhivotnym.
Probl Gematol Pereliv Krovi 17:32-7, Jul 72 **(Rus)**
*ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION FACTORS, analysis/ INJECTIONS, INTRAVENOUS/ *PLATELET ADHESIVENESS, drug effects/ RATS/ THROMBIN, analysis

5929. **Pastorova VE, Titova IP:** Vliianie ADF na agregatsiiu i tromboplasticheskuiu aktivnost' trombotsitov in vitro.
Probl Gematol Pereliv Krovi 18:51-4, Jan 73 **(Rus)**
*ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, drug effects/ CELL AGGREGATION, drug effects/ ENGLISH ABSTRACT/ RATS

5930. **Patel DR, Kawalek R, Iger J:** Cavernous hemangioma of the fallopian tube. Int Surg 58:420-1, Jun 73
ABDOMEN, ACUTE, etiology/ ADULT/ CASE REPORT/ FALLOPIAN TUBE NEOPLASMS, complications/ *FALLOPIAN TUBE NEOPLASMS, pathology/ FEMALE/ HEMANGIOMA, CAVERNOUS, complications/ *HEMANGIOMA, CAVERNOUS, pathology/ HUMAN/ RUPTURE, SPONTANEOUS, etiology

5931. **Patel VJ:** The coagulum pyelolithotomy.
Br J Surg 60:230-6, Mar 73
FEMALE/ FIBRINOGEN/ HUMAN/ KIDNEY CALCULI, radiography/ *KIDNEY CALCULI, surgery/ KIDNEY PELVIS, surgery/

METHODS/ MIDDLE AGE/ NEPHRECTOMY/ POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBIN/ URINARY CATHETERIZATION/ UROGRAPHY

5932. **Patkowski J, Halawa B, Gieldanowski J:** Badania nad aktywności a proteolityczn a limfocytów w reakcji przeszczepo wej w świetle stosowanych immunodepresorów.
Acta Physiol Pol 23:973-85, Nov-Dec 72 (Pol)
ACTINOMYCIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *IMMUNOSUPPRESSION/ LYMPH NODES, enzymology/ *LYMPHOCYTES, enzymology/ MALE/ *PEPTIDE HYDROLASES, blood/ RABBITS/ SKIN, transplantation/ SPLEEN, enzymology/ TIME FACTORS/ TRANSPLANTATION, AUTOLOGOUS/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY/ VINCRISTINE, pharmacodynamics

5933. **Patrushev VI, Elmanova LI, Levin MIa:** Ob effektivnosti primenenlia geparina pri khronicheskoĭ pnevmonii.
Ter Arkh 44:34-6, Aug 72 (Rus)
ADULT/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ HEMODYNAMICS/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *PNEUMONIA, drug therapy/ RESPIRATORY INSUFFICIENCY, drug therapy

5934. **Patsiora MD, Pis'mennaia AL:** Asplenicheskaia gemorragicheskaia trombotsitemiia u bol'nykh portal'noĭ gipertenzieĭ.
Vestn Khir 110:125-7, Apr 73 (Rus)
ADOLESCENCE/ ADULT/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGIC THROMBOCYTHEMIA, complications/ HEMORRHAGIC THROMBOCYTHEMIA, diagnosis/ *HEMORRHAGIC THROMBOCYTHEMIA, etiology/ HUMAN/ *HYPERTENSION, PORTAL, surgery/ MALE/ MIDDLE AGE/ *SPLENECTOMY, adverse effects/ THROMBOSIS, etiology

5935. **Pattabiraman TN, Lawson WB:** Comparative studies of the specificities of -chymotrypsin and subtilisin BPN'. Studies with flexible and 'locked' substrates.
Biochem J 126:659-65, Feb 72
BINDING SITES/ *CHYMOTRYPSIN/ ESTERS/ HYDROLYSIS/ *PEPTIDE PEPTIDOHYDROLASES/ STEREOISOMERS

5936. **Pattabiraman TN, Lawson WB:** Comparative studies of the specificities of -chymotrypsin and subtilisin BPN'. Studies with flexible substrates.
Biochem J 126:645-57, Feb 72
BINDING SITES/ CATALYSIS/ *CHYMOTRYPSIN/ ESTERS/ HYDROLYSIS/ KINETICS/ *PEPTIDE PEPTIDOHYDROLASES

5937. **Patten E, Gallin JI, Clark RA, et al:** Effects of cell concentration and various anticoagulants on neutrophil migration. Blood 41:711-9, May 73
ADULT/ CALCIUM, pharmacodynamics/ CELL COUNT/ CELL MOVEMENT/ *CHEMOTAXIS/ CHEMOTAXIS, drug effects/ CITRATES, pharmacodynamics/ EDTA, antagonists & inhibitors/ EDTA, pharmacodynamics/ FEMALE/ HEPARIN, pharmacodynamics/ HUMAN/ *LEUKOCYTES/ MAGNESIUM, pharmacodynamics/ MALE/ MIDDLE AGE/ *NEUTROPHILS/ OXALATES, pharmacodynamics

5938. **Patterson DS, Sweasey D, Brush PJ, et al:** Neurochemistry of the spinal cord in British Saddleback piglets affected with congenital tremor, type A-IV, a second form of hereditary cerebrospinal hypomyelinogenesis. J Neurochem 21:397-406, Aug 73
ANIMAL EXPERIMENTS/ CENTRAL NERVOUS SYSTEM, pathology/ CENTRAL NERVOUS SYSTEM DISEASES, familial & genetic/ CENTRAL NERVOUS SYSTEM DISEASES, metabolism/ CENTRAL NERVOUS SYSTEM DISEASES, pathology/ *CENTRAL NERVOUS SYSTEM DISEASES, veterinary/ CEREBROSIDES, metabolism/ CHOLESTEROL, metabolism/ CHROMATOGRAPHY/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ FATTY ACIDS, metabolism/ LIPIDS, metabolism/ MYELIN SHEATH, metabolism/ PEPTIDE HYDROLASES, metabolism/ PHOSPHOLIPIDS, metabolism/ PLASMALOGENS, metabolism/ SPINAL CORD, enzymology/ *SPINAL CORD, metabolism/ *SWINE DISEASES, familial & genetic/ SWINE DISEASES, metabolism/ SWINE DISEASES, pathology

5939. **Patterson PC:** Hemophilia: the new look.
Nurs Clin North Am 7:777-85, Dec 72
BLOOD COAGULATION/ BLOOD TRANSFUSION/ CHRISTMAS DISEASE, therapy/ HEMARTHROSIS, therapy/ *HEMOPHILIA/ HEMOPHILIA, therapy/ HUMAN/ MALE/ ORAL HYGIENE/ PHYSICAL THERAPY/ SOCIAL ADJUSTMENT

5940. **Patterson RW:** Role of carbon dioxide in changes in lung mechanics after protamine administration.
Anesth Analg (Cleve) 51:733-40, Sep-Oct 72
AIRWAY RESISTANCE, drug effects/ ANIMAL EXPERIMENTS/ BLOOD GAS ANALYSIS/ BLOOD PRESSURE, drug effects/ *CARBON DIOXIDE/ CARBON DIOXIDE, blood/ CARDIAC OUTPUT, drug effects/ DOGS/ *HEART, drug effects/ LUNG COMPLIANCE, drug effects/ OXYGEN, blood/ *PROTAMINES, pharmacodynamics/ *RESPIRATION, drug effects/ VAGUS NERVE, physiology/ VENTILATION-PERFUSION RATIO, drug effects

5941. **Pattison M, Sweasey D, Patterson DS:** Photodynamic lipid peroxidation in the eye during the experimental induction of turkey blindness syndrome.
Exp Eye Res 16:191-9, Jul 73
ANIMAL EXPERIMENTS/ ANTIOXIDANTS/ *BLINDNESS, metabolism/ CHOROID, pathology/ DARKNESS/ DIET/ FATTY ACIDS, metabolism/ FIBRIN/ *HYDROPHTHALMOS, metabolism/ LIGHT/ *LIPIDS, metabolism/ MACROPHAGES/ MELANIN/ OXIDATION-REDUCTION/ *PEROXIDES, metabolism/ PHOTOCHEMISTRY/ RETINA, pathology/ RETINAL DEGENERATION/ RETINAL DETACHMENT, pathology/ TIME FACTORS/ TURKEYS

5942. **Paul O:** Pre-hospital management of acute myocardial infarction. Med Clin North Am 57:119-24, Jan 73
ACUTE DISEASE/ ANXIETY/ ATROPINE, therapeutic use/ COMMUNICATION/ HEART MASSAGE/ HEPARIN, therapeutic use/ HOME CARE SERVICES/ HUMAN/ LIDOCAINE, therapeutic use/ MOBILE HEALTH UNITS/ MYOCARDIAL INFARCT, diagnosis/ MYOCARDIAL INFARCT, drug therapy/ *MYOCARDIAL INFARCT, therapy/ RESPIRATION, ARTIFICIAL/ TIME FACTORS/ TRANSPORT OF WOUNDED AND SICK

5943. **Paul Y:** Examination of the newborn.
Indian J Pediatr 40:69-78 contd, Feb 73
*ABNORMALITIES, diagnosis/ ASPHYXIA NEONATORUM, diagnosis/ BLISTER, etiology/ COLOR/ CYANOSIS, etiology/ EDEMA, etiology/ HEMANGIOMA, diagnosis/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, diagnosis/ JAUNDICE, NEONATAL, diagnosis/ LYMPHANGIOMA, diagnosis/ MUSCLE TONUS/ NEVUS, diagnosis/ *PHYSICAL EXAMINATION/ SKIN DISEASES, diagnosis/ SKIN DISEASES, INFECTIOUS, diagnosis/ SKIN NEOPLASMS, diagnosis

5944. **Paula e Silva P de, Diament J, Forti N, et al:** Aspectos do metabolismo lipídico no mixedema, antes e apos tratamento.
Rev Hosp Clin Fac Med Sao Paulo 28:3-8, Jan-Feb 73 (Por)
ADULT/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, diagnostic use/ HUMAN/ INJECTIONS, INTRAVENOUS/ LIPIDS, blood/ *LIPIDS, metabolism/ MALE/ MYXEDEMA,

blood/ *MYXEDEMA, metabolism/ MYXEDEMA, therapy

5945. **Paulson OB, Parving HH, Olesen J, et al:** Influence of carbon monoxide and of hemodilution on cerebral blood flow and blood gases in man.
J Appl Physiol 35:111-6, Jul 73
BLOOD FLOW VELOCITY/ BLOOD VISCOSITY/ *CARBON DIOXIDE, blood/ *CARBON MONOXIDE/ *CEREBROVASCULAR CIRCULATION/ HEMOGLOBIN, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *OXYGEN, blood/ OXYHEMOGLOBIN, analysis/ *PLASMA SUBSTITUTES, pharmacodynamics/ RADIOISOTOPES/ REGIONAL BLOOD FLOW/ XENON

5946. **Paulus HE, Whitehouse MW:** Nonsteroid anti-inflammatory agents.
Annu Rev Pharmacol 13:107-25, 1973 (304 ref.)
ALBUMINS, metabolism/ ANIMAL EXPERIMENTS/ *ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ANTI-INFLAMMATORY AGENTS, therapeutic use/ BLOOD PLATELETS, drug effects/ CATTLE/ DOGS/ DRUG INTERACTIONS/ GUINEA PIGS/ HUMAN/ LIVER, cytology/ LYSOSOMES, drug effects/ MICE/ PEPTIDES, therapeutic use/ PROSTAGLANDINS, pharmacodynamics/ PROTEINS, therapeutic use/ RATS/ REVIEW/ SERUM ALBUMIN, metabolism/ STOMACH DISEASES, drug therapy/ STOMACH ULCER, drug therapy

5947. **Pauly JL, Sokal JE, Han T:** Whole-blood culture technique for functional studies of lymphocyte reactivity to mitogens, antigens, and homologous lymphocytes. J Lab Clin Med 82:500-12, Sep 73
*ANTIGENS/ ANTIGENS, FUNGAL/ ANTIGENS, VIRAL/ *BLOOD/ CANDIDA ALBICANS, immunology/ CELL SURVIVAL/ CELLS, CULTURED/ CONCANAVALIN A, pharmacodynamics/ CULTURE MEDIA/ HEPARIN, pharmacodynamics/ HUMAN/ ISOTOPE LABELING/ LEUKOCYTE COUNT/ *LYMPHOCYTE TRANSFORMATION/ *LYMPHOCYTES, immunology/ METHODS/ *MITOGENS, pharmacodynamics/ MUMPS VIRUS, immunology/ PLANT AGGLUTININS, pharmacodynamics/ STREPTODORNASE AND STREPTOKINASE, pharmacodynamics/ THYMIDINE, metabolism/ TIME FACTORS/ TRICHOPHYTON, immunology/ TRITIUM/ TUBERCULIN

5948. **Păunescu-Podeanu A, Bolocan T, Grecu O:** Haptoglobina plasmatică în boala coronariană cronică şi în infarctul miocardic. Semnificaţie fiziopatologică. Importanţă diagnostică.
Med Interna (Bucur) 25:17-24, Jan 73 (Rum)
*ARTERIOSCLEROSIS, blood/ CHRONIC DISEASE/ *CORONARY DISEASE, blood/ ENGLISH ABSTRACT/ FIBRINOGEN, analysis/ *HAPTOGLOBINS, analysis/ HUMAN/ *MYOCARDIAL INFARCT, blood

5949. **Păunescu-Podeanu A, Costescu M, Dobrin G:** Modificări ale coagulării sanguine în cordul pulmonar cronic.
Stud Cercet Med Interna 13:243-9, 1972 (Rum)
*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HUMAN/ *PULMONARY EMBOLISM, etiology/ *PULMONARY HEART DISEASE, complications/ RESPIRATORY INSUFFICIENCY, complications

5950. **Păuşescu E, Chirvasie R, Dăbuleanu L:** Biochemical aspects concerning adenine nucleotides and some related enzymes in the concomitant action of cephalin and serotonin of the blood platelets.
Rev Roum Physiol 10:331-9, 1973
*ADENINE NUCLEOTIDES, metabolism/ ADENOSINE, metabolism/ ADENOSINE MONOPHOSPHATE, metabolism/ *ADENOSINE TRIPHOSPHATASE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ *CEPHALINS, pharmacodynamics/ DOGS/ IN VITRO/ OXYGEN CONSUMPTION, drug effects/ *PHOSPHATASES, metabolism/ *SEROTONIN, pharmacodynamics

5951. **Păusescu E, Chirvasie R:** Biochemical changes in the platelet energy transferring system during concomitant action of cephalin and serotonin.
Br J Haematol 24:605-12, May 73
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, metabolism/ *CEPHALINS, pharmacodynamics/ CULTURE MEDIA/ DOGS/ GLUTATHIONE, metabolism/ GLUTATHIONE REDUCTASE, blood/ IN VITRO/ NAD, metabolism/ NADP, metabolism/ PLATELET ADHESIVENESS/ *SEROTONIN, pharmacodynamics/ SPECTROPHOTOMETRY/ STIMULATION, CHEMICAL

5952. **Paustovskaia VV, Krasnokutskaia MB, Rappoport MB, et al:** Ob allergennom deĭstvii florimitsina.
Vrach Delo 8:99-102, Aug 72 (Rus)
ALLERGENS/ ANAPHYLAXIS, chemically induced/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ *DRUG HYPERSENSITIVITY, etiology/ ENGLISH ABSTRACT/ GUINEA PIGS/ HISTAMINE, metabolism/ *VIOMYCIN, pharmacodynamics

5953. **Pavel S, Dorcescu M, Petrescu-Holban R, et al:** Biosynthesis of a vasotocin-like peptide in cell cultures from pineal glands of human fetuses.
Science 181:1252-3, 28 Sep 73
ANIMAL EXPERIMENTS/ ARGININE/ BIOLOGICAL ASSAY/ BLADDER, drug effects/ CELLS, CULTURED/ DIPHENOL OXIDASES, pharmacodynamics/ DIURESIS, drug effects/ FEMALE/ FETUS/ FROGS/ GESTATIONAL AGE/ HUMAN/ MALE/ OSMOSIS, drug effects/ PINEAL BODY, embryology/ *PINEAL BODY, metabolism/ RANA TEMPORARIA/ RATS/ TRYPSIN, pharmacodynamics/ UTERUS, drug effects/ VASOTOCIN, antagonists & inhibitors/ *VASOTOCIN, biosynthesis/ VASOTOCIN, pharmacodynamics

5954. **Pawilowska H:** O wpływie śliny na proces krzepnięcia krwi i fibrynolizę skrzepu.
Czas Stomatol 26:221-6, Mar 73 (Pol)
*BLOOD COAGULATION/ ENGLISH ABSTRACT/ HEMOLYSIS/ HUMAN/ *SALIVA

5955. **Pawlikowski T:** Genetycznie uwarunkowana rozedma płuc.
Wiad Lek 26:1223-6, 1 Jul 73 (29 ref.) (Pol)
AGE FACTORS/ DEFICIENCY DISEASES, familial & genetic/ ENGLISH ABSTRACT/ HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ LEUKOCYTES, enzymology/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, physiology/ PHENOTYPE/ PULMONARY ALVEOLI, enzymology/ PULMONARY EMPHYSEMA, blood/ PULMONARY EMPHYSEMA, enzymology/ *PULMONARY EMPHYSEMA, familial & genetic/ REVIEW/ *TRYPSIN INHIBITORS, blood/ TRYPSIN INHIBITORS, physiology

5956. **Payk TR:** Therapeutische Probleme bei Encephalomyelitis disseminata (multipler Sklerose.
Ther Ggw 112:349-50, Mar 73 (25 ref.) (Ger)
ANTIBIOTICS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ ANTIDIABETICS, therapeutic use/ ANTI-INFLAMMATORY AGENTS, therapeutic use/ ANTITUBERCULAR AGENTS, therapeutic use/ DIET THERAPY/ ELECTROTHERAPY/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ MULTIPLE SCLEROSIS, drug therapy/ *MULTIPLE SCLEROSIS, therapy/ REVIEW/ SEROTHERAPY/ TISSUE THERAPY/ VASODILATOR AGENTS, therapeutic use/ VITAMINS, therapeutic use

5957. **Payne NE, Whur P, Robson RT:** Agglutination of normal and malignant cells by concanavalin A in relation to

cell surface structure. Br J Cancer 28:86, Jul 73
AGGLUTINATION/ *CARCINOMA, EHRLICH TUMOR, immunology/ CELL AGGREGATION, drug effects/ CELL LINE/ *CELLS, drug effects/ CONCANAVALIN A, pharmacodynamics/ HAMSTERS/ IN VITRO/ *PHYTOMITOGENS, pharmacodynamics/ *PLANT AGGLUTININS, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics

5958. **Payne RW, Harris MC:** Factor VIII inhibitor: acquired haemostatic defect in a nonhaemophiliac patient with rheumatoid arthritis. Scott Med J 17:310-3, Sep 72
AMINOCAPROIC ACID, therapeutic use/ *ARTHRITIS, RHEUMATOID, complications/ ARTHRITIS, RHEUMATOID, pathology/ AZATHIOPRINE, therapeutic use/ BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION DISORDERS, pathology/ BLOOD COAGULATION TESTS/ FACTOR VIII, analysis/ *FACTOR VIII, antagonists & inhibitors/ HUMAN/ MALE/ MIDDLE AGE/ PREDNISOLONE, therapeutic use

5959. **Payrau P, Roger J, Moczar E, et al:** Utilisation des cornées inturgescibles comme parsement dans le traitemnt de quelques affections occulaires. Bull Soc Ophtalmol Fr 12:467-78, Apr 72 (Fre)
ADHESIONS, therapy/ ANIMAL EXPERIMENTS/ CATTLE/ CICATRIX/ CONJUNCTIVA/ *CORNEA/ CORNEAL ULCER, therapy/ ENGLISH ABSTRACT/ EYE BURNS, therapy/ *EYE DISEASES, therapy/ FISHES/ FISTULA/ HUMAN/ KERATITIS, therapy/ MAMMALS/ METHODS/ MUCOUS MEMBRANE/ PEMPHIGUS, therapy/ RABBITS/ SHARKS

5960. **Pazdur J:** Postępy hematologii, Interakcja leków z anticoagulantami pochodnymi kumaryny. Pol Arch Med Wewn 49:389-93, Oct 72 (Pol)
ABO FACTORS, metabolism/ ALCOHOL, ETHYL, pharmacodynamics/ *ANTICOAGULANTS/ COUMARINS, pharmacodynamics/ *DRUG INTERACTIONS/ HUMAN/ INTESTINAL ABSORPTION, drug effects/ LIPIDS, blood/ LIVER, metabolism/ REVIEW/ VITAMIN K, metabolism

5961. **Peake IR, Bloom AL, Shearn SA, et al:** Anti-lymphocyte globulin and factor-VIII-related antigen. Lancet 2:674-5, 22 Sep 73
*ANTIBODIES/ ANTIGEN-ANTIBODY REACTIONS/ ANTIGENS/ *ANTILYMPHOCYTE SERUM/ FACTOR VIII, antagonists & inhibitors/ *FACTOR VIII, biosynthesis/ GEL DIFFUSION TESTS/ GRAFT REJECTION, drug effects/ HUMAN

5962. **Pearce FL, Banks BE, Banthorpe DV, et al:** The isolation and characterization of nerve-growth factor from the venom of Vipera russelli. Eur J Biochem 29:417-25, 25 Sep 72
AMINO ACIDS, analysis/ BIOLOGICAL ASSAY/ CARBOHYDRATES, analysis/ CHEMISTRY/ CHICK EMBRYO/ CHYMOTRYPSIN/ DRUG STABILITY/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ GLYCOPROTEINS, analysis/ ISOELECTRIC FOCUSING/ MOLECULAR WEIGHT/ *NERVE GROWTH FACTOR/ NERVE GROWTH FACTOR, analysis/ NERVE GROWTH FACTOR, isolation & purification/ PEPSIN/ SNAKES/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TISSUE CULTURE/ TRYPSIN/ ULTRACENTRIFUGATION/ *VENOMS

5963. **Pearce SJ, Sekar AS:** Comparison of two laboratory tests in the control of anticoagulant therapy. J Clin Pathol 26:73-6, Jan 73
ADULT/ AGE FACTORS/ AGED/ ANTICOAGULANTS, adverse effects/ *ANTICOAGULANTS, therapeutic use/ *BLOOD COAGULATION TESTS/ COMPARATIVE STUDY/ HEMORRHAGE, etiology/ HUMAN/ METHODS/ MIDDLE AGE/ *PROTHROMBIN TIME/ THROMBOEMBOLISM/ THROMBOPHLEBITIS/ *THROMBOPLASTIN

5964. **Pearlman AW:** Hemangioendothelial sarcoma of bone: the role of irradiation and tumor growth studies. Bull Hosp Joint Dis 33:135-49, Oct 72
ADULT/ AGED/ BONE NEOPLASMS, diagnosis/ *BONE NEOPLASMS, radiotherapy/ BONE NEOPLASMS, surgery/ FEMALE/ FEMORAL NEOPLASMS, pathology/ FEMORAL NEOPLASMS, radiography/ FEMORAL NEOPLASMS, radiotherapy/ FEMORAL NEOPLASMS, surgery/ HEMANGIOENDOTHELIOMA, diagnosis/ HEMANGIOENDOTHELIOMA, pathology/ HEMANGIOENDOTHELIOMA, radiography/ *HEMANGIOENDOTHELIOMA, radiotherapy/ HEMANGIOENDOTHELIOMA, surgery/ HUMAN/ LIVER NEOPLASMS/ LUNG NEOPLASMS/ MALE/ METATARSUS, radiography/ MIDDLE AGE/ NEOPLASM METASTASIS/ PALLIATIVE TREATMENT/ RADIOISOTOPE SCANNING/ RADIUS, radiography

5965. **Pearson CH, Happey F, Naylor A, et al:** Lysosomal enzymes and degradation of the proteoglycans of the human intervertebral disc. Biochem J 129:44P-45P, Sep 72
AUTOLYSIS/ GEL FILTRATION/ GLYCOSIDE HYDROLASES, metabolism/ HUMAN/ *INTERVERTEBRAL DISK, enzymology/ *LYSOSOMES, enzymology/ *MUCOPOLYSACCHARIDES, metabolism/ PEPTIDE HYDROLASES, metabolism

5966. **Pechet L, Chesney C, Colman RW:** Variants of von Willebrand's disease. N Engl J Med 288:1129-30, 24 May 73
BLOOD PLATELETS/ FACTOR VIII, analysis/ HUMAN/ PLATELET ADHESIVENESS/ *VON WILLEBRAND'S DISEASE, classification

5967. **Pecht M, Giberman E, Keysary A, et al:** Hydrolysis of alanine oligopeptides by an enzyme located in the membrane of Mycoplasma laidlawii. Biochim Biophys Acta 290:267-73, 1 Dec 72
*ALANINE, metabolism/ AMIDES/ CARBON ISOTOPES/ CELL MEMBRANE, enzymology/ CELL MEMBRANE PERMEABILITY/ CULTURE MEDIA/ DEXTRAN, metabolism/ HYDROLYSIS/ INULIN, metabolism/ ISOTONIC SOLUTIONS/ MOLECULAR WEIGHT/ *MYCOPLASMA, enzymology/ MYCOPLASMA LAIDLAWII, cytology/ MYCOPLASMA LAIDLAWII, enzymology/ MYCOPLASMA LAIDLAWII, growth & development/ MYCOPLASMA LAIDLAWII, metabolism/ NAPHTHALENES/ *OLIGOPEPTIDES, metabolism/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRITIUM

5968. **Peck SD, Reiquam CW:** Disseminated intravascular coagulation in cancer patients: supportive evidence. Cancer 31:1114-9, May 73
ADOLESCENCE/ ADULT/ AGED/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FACTOR V, analysis/ FEMALE/ FIBRINOGEN, analysis/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ MALE/ MIDDLE AGE/ *NEOPLASMS, complications

5969. **Peckham MJ:** Therapeutic irradiation of the liver. Br J Radiol 45:790-1, Oct 72
HEMANGIOMA, CAVERNOUS, radiotherapy/ HEPATOMA, radiotherapy/ HUMAN/ *LIVER NEOPLASMS, radiotherapy/ LIVER NEOPLASMS, surgery/ NEOPLASM METASTASIS/ RADIOTHERAPY, adverse effects

5970. **Pedersen H:** The acrosome of the human spermatozoon:

a new method for its extraction, and an analysis of its trypsin-like enzyme activity.
J Reprod Fertil 31:99-107, Oct 72
ARGININE/ BENZYL COMPOUNDS/ CENTRIFUGATION/ DEXTRAN/ EJACULATION/ ESTERS/ FREEZING/ GLUCOSE/ HUMAN/ *LYSOSOMES, enzymology/ MALE/ METHODS/ MICROSCOPY, ELECTRON/ NITROGEN/ SEMEN, enzymology/ SODIUM CHLORIDE/ SPECTROPHOTOMETRY/ *SPERMATOZOA, enzymology/ SULFONIC ACIDS/ TOLUENE/ *TRYPSIN, metabolism/ TRYPSIN INHIBITORS, analysis/ TRYPSIN INHIBITORS, blood

5971. **Pedersen NT:** The effect of vinblastine and demecolcine on circulating megakaryocytes in adult rats. Scand J Haematol 9:613-20, 1972
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ *BLOOD PLATELETS, drug effects/ BODY WEIGHT/ CELL DIVISION/ CELL SURVIVAL, drug effects/ CYTOPLASM, drug effects/ *DEMECOLCINE, pharmacodynamics/ DEPRESSION, CHEMICAL/ MALE/ *MEGAKARYOCYTES, drug effects/ MICROSCOPY, PHASE CONTRAST/ RATS/ RATS, INBRED BN/ TIME FACTORS/ VENA CAVA, INFERIOR/ *VINBLASTINE, pharmacodynamics

5972. **Pedio G, Rüttner JR, Odermatt B:** Interaction of platelets with ascitic plasmacytoma in vitro.
Acta Haematol (Basel) 49:48-56, 1973
ANIMAL EXPERIMENTS/ ASCITIC FLUID/ BLOOD COAGULATION/ *BLOOD PLATELETS/ MICE/ MICE, INBRED BALB C/ MICROSCOPY, ELECTRON/ *PLASMACYTOMA, blood

5973. **Peeters FL:** Die Differentialdiagnose benigner, solitärer Defekte im Schädeldach.
Fortschr Geb Roentgenstr Nuklearmed 117:625-9, Dec 72 (Ger)
*BONE DISEASES, radiography/ DIAGNOSIS, DIFFERENTIAL/ ENCEPHALOCELE, radiography/ ENGLISH ABSTRACT/ EOSINOPHILIC GRANULOMA, radiography/ EPIDERMAL CYST, radiography/ HEMANGIOMA, radiography/ HUMAN/ MENINGOCELE, radiography/ *SKULL, radiography/ *SKULL NEOPLASMS, radiography

5974. **Pekarek RS, Wannemacher RW Jr, Chapple FE 3d, et al:** Further characterization and species specificity of leukocytic endogenous mediator (LEM).
Proc Soc Exp Biol Med 141:643-8, Nov 72
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ *BLOOD PROTEINS, metabolism/ DEPRESSION, CHEMICAL/ FEMALE/ GOATS/ HYDROGEN-ION CONCENTRATION/ LEUCINE, metabolism/ *LEUKOCYTES, metabolism/ LIPASE, pharmacodynamics/ LIVER, metabolism/ MACACA/ MALE/ MONKEYS/ PERISSODACTYLA/ PRONASE, pharmacodynamics/ RABBITS/ RATS/ SPECIES SPECIFICITY/ TRYPSIN, pharmacodynamics/ ZINC, blood

5975. **Peltier A:** Le système complémentaire.
Pathol Biol (Paris) 20:1013-39, Dec 72 (120 ref.) (Fre)
BLOOD COAGULATION/ CHEMOTAXIS/ *COMPLEMENT/ COMPLEMENT, analysis/ COMPLEMENT FIXATION TESTS/ ENGLISH ABSTRACT/ HEMOLYSIS/ HISTAMINE LIBERATION/ HUMAN/ IMMUNE ADHERENCE REACTION/ IMMUNOLOGIC DISEASES/ NOMENCLATURE/ PHAGOCYTOSIS/ REVIEW

5976. **Pender CB:** Aetiology of respiratory-distress syndrome. Lancet 1:598, 17 Mar 73
ASPIRATION/ BLOOD/ CESAREAN SECTION, adverse effects/ FEMALE/ FIBRIN, analysis/ HUMAN/ INFANT, NEWBORN/ LUNG, analysis/ PULMONARY SURFACTANT/ *RESPIRATORY DISTRESS SYNDROME, etiology

5977. **Peng RK, Williams DC:** Partial purification and some enzymatic properties of proteolytic enzyme fractions isolated from Pisaster ochraceus (echinoderm) pyloric caeca.
Comp Biochem Physiol [B] 44:1207-17, 15 Apr 73
ACETONE/ AMMONIUM SULFATE/ ANIMAL EXPERIMENTS/ ARGININE/ ARSENIC/ CATTLE/ DIGESTIVE SYSTEM, drug effects/ *DIGESTIVE SYSTEM, enzymology/ DRUG STABILITY/ ESTERS/ FEMALE/ HEMOGLOBIN/ HYDROGEN-ION CONCENTRATION/ ISOFLUROPHATE, pharmacodynamics/ KINETICS/ MALE/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, isolation & purification/ PRECIPITATION/ PROTEIN DENATURATION/ RIBONUCLEASE/ *STARFISH, enzymology/ TOSYL COMPOUNDS/ TRYPSIN

5978. **Penn A, Gledhill BL:** Acrosomal proteolytic activity of amphibian sperm. A direct demonstration.
Exp Cell Res 74:285-8, Sep 72
AMINES, pharmacodynamics/ ANIMAL EXPERIMENTS/ CALCIUM/ EDTA, pharmacodynamics/ FROGS/ GELATIN, metabolism/ HYDROGEN-ION CONCENTRATION/ KETONES, pharmacodynamics/ MALE/ METHODS/ MICROSCOPY, PHASE CONTRAST/ *PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, antagonists & inhibitors/ RANA PIPIENS/ SPERMATOZOA, drug effects/ *SPERMATOZOA, enzymology/ SPERMATOZOA, metabolism/ TOSYL COMPOUNDS, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics

5979. **Penn I:** Paraffin oil. Lancet 1:776, 7 Apr 73
ADHESIONS, chemically induced/ *ADHESIONS, prevention & control/ FOREIGN BODY REACTION/ GRANULOMA, chemically induced/ HUMAN/ INTESTINAL OBSTRUCTION, chemically induced/ *INTESTINAL OBSTRUCTION, prevention & control/ MALE/ *PARAFFIN, adverse effects/ POSTOPERATIVE COMPLICATIONS, chemically induced

5980. **Penner JA:** Microcirculatory pathology.
Adv Otorhinolaryngol 20:236-43, 1973
ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION/ *COCHLEA, blood supply/ *DEAFNESS, etiology/ HUMAN/ MICROCIRCULATION/ PROTHROMBIN, metabolism/ *THROMBOSIS, complications/ THROMBOSIS, drug therapy/ THROMBOSIS, etiology/ *VASCULAR DISEASES, complications

5981. **Pennington DG, Hyman AL, Jaques WE:** Pulmonary vascular response to endotoxin in intact dogs.
Surgery 73:246-55, Feb 73
ANESTHESIA, INTRAVENOUS/ ANIMAL EXPERIMENTS/ AORTA/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD PRESSURE/ CARBON DIOXIDE, blood/ CARDIAC OUTPUT/ CELL AGGREGATION/ DEXTRAN/ DOGS/ ENDOTOXINS, administration & dosage/ *ENDOTOXINS, pharmacodynamics/ ESCHERICHIA COLI/ HEART ATRIUM/ HYDROGEN-ION CONCENTRATION/ HYPERTENSION, PULMONARY, etiology/ LEUKOCYTES/ OXYGEN, blood/ PHENOBARBITAL/ *PULMONARY CIRCULATION, drug effects/ SHOCK, ENDOTOXIC, complications/ TIME FACTORS/ URETHANE/ VASOPRESSIN, antagonists & inhibitors/ VENOUS PRESSURE

5982. **Pennington RC, Knisely MH:** Experiments aimed at separating the mechanical circulatory effects of ethanol from specific chemical effects. An introduction to a biophysical analysis of a toxic state.
Ann NY Acad Sci 215:356-65, 30 Apr 73
ALCOHOL DRINKING/ ALCOHOL, ETHYL, blood/ *ALCOHOL, ETHYL, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD FLOW VELOCITY/ BRAIN,

metabolism/ CAPILLARY RESISTANCE, drug effects/ *DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ *ERYTHROCYTES, drug effects/ FEMALE/ HEPARIN/ MALE/ MATHEMATICS/ OXYGEN CONSUMPTION/ RABBITS/ REGIONAL BLOOD FLOW, drug effects/ RESPIRATION

5983. **Pennisi VR, Capozzi A, Friedman G:** Travase, an effective enzyme for burn debridement.
Plast Reconstr Surg 51:371-6, Apr 73
ADOLESCENCE/ ADULT/ AGED/ BACILLUS SUBTILIS/ *BURNS, drug therapy/ CHILD/ CHILD, PRESCHOOL/ *DEBRIDEMENT/ EVALUATION STUDIES/ HUMAN/ INFANT/ MIDDLE AGE/ OCCLUSIVE DRESSINGS/ OINTMENTS/ *PEPTIDE PEPTIDOHYDROLASES, therapeutic use/ SUBTILISINS, therapeutic use

5984. **Peplow V, Breed WG, Eckstein P:** Studies on uterine flushings in the baboon. II. The effect of an intrauterine contraceptive device on certain biochemical parameters.
Am J Obstet Gynecol 116:780-4, 15 Jul 73
AMYLASE, analysis/ ANIMAL EXPERIMENTS/ *BABOONS/ CARBOHYDRATES, analysis/ CASEIN/ CHYMOTRYPSIN, analysis/ *CONTRACEPTIVE DEVICES/ FEMALE/ HEMOGLOBIN/ HYDROGEN-ION CONCENTRATION/ *IRRIGATION/ MENSTRUATION/ METHODS/ MONKEYS/ MURAMIDASE, analysis/ PEPTIDE HYDROLASES, analysis/ PHOSPHATASES, analysis/ PROTEINS, analysis/ TRYPSIN, analysis/ *UTERUS, analysis/ UTERUS, secretion

5985. **Pepper DS, Blume HD, Palin I:** The development of aluminum containers for the storage of blood in liquid nitrogen for the immunization of Rh volunteers.
J Clin Pathol 26:550-2, Jul 73
*ALUMINUM/ *BLOOD PRESERVATION, instrumentation/ FREEZING/ GLYCERIN/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IMMUNIZATION/ INFECTION, prevention & control/ NITROGEN/ *RH FACTORS/ STERILIZATION

5986. **Pereira JM, Callado AN:** The Australia antigen in Brazilian blood donors.
Acta Biol Med Ger 30:299-301, 1973
ADOLESCENCE/ ADULT/ ANEMIA, APLASTIC, immunology/ *AUSTRALIA ANTIGEN, isolation & purification/ *BLOOD DONORS/ BRAZIL/ CAUCASIAN RACE/ FEMALE/ GEL DIFFUSION TESTS/ HEMOPHILIA, immunology/ HEPATITIS/ HUMAN/ IMMUNE SERUMS, analysis/ IMMUNOELECTROPHORESIS/ MALE/ MIDDLE AGE/ NEGROID RACE

5987. **Pereira MA, Couri D:** Effect of dicumarol on rat liver slice glycoprotein synthesis.
Experientia 28:1170-1, 15 Oct 72
ANIMAL EXPERIMENTS/ *BISHYDROXYCOUMARIN, pharmacodynamics/ CARBON ISOTOPES/ GLUCOSAMINE, metabolism/ *GLYCOPROTEINS, biosynthesis/ IN VITRO/ LIVER, drug effects/ *LIVER, metabolism/ MALE/ RATS/ WARFARIN, pharmacodynamics

5988. **Perel ID, Forgan-Smith WR:** Thrombotic thrombocytopenic purpura presenting as eclampsia.
Aust NZ J Obstet Gynaecol 12:257-62, Nov 72
ADULT/ ANTICOAGULANTS, therapeutic use/ AUTOPSY/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BRAIN, pathology/ ECLAMPSIA, etiology/ FEMALE/ FIBRINOGEN, analysis/ HEPARIN, therapeutic use/ HUMAN/ KIDNEY, pathology/ LUNG, pathology/ MYOCARDIUM, pathology/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, blood/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, pathology/ PURPURA, THROMBOTIC THROMBOPENIC, blood/ *PURPURA, THROMBOTIC THROMBOPENIC, complications/ PURPURA, THROMBOTIC THROMBOPENIC, drug therapy/ PURPURA, THROMBOTIC THROMBOPENIC, pathology/ UREA, blood

5989. **Perényi L, Tornyossy M:** A quick, semiquantitative determination of trypsin inhibitor capacity of human serum.
Clin Chim Acta 43:277-8, 24 Jan 73
ALPHA GLOBULIN, analysis/ DEFICIENCY DISEASES, blood/ DEFICIENCY DISEASES, familial & genetic/ DYES/ FEMALE/ HETEROZYGOTE/ HISTOCYTOCHEMISTRY/ HOMOZYGOTE/ HUMAN/ MALE/ METHODS/ PROTEIN BINDING/ *TRYPSIN INHIBITORS, blood

5990. **Perepelkin EG:** Sutochnyi ritm gemokoaguliatsii u bol'nykh s promezhutochnymi formami ishemicheskoi bolezni serdtsa.
Klin Med (Mosk) 50:77-81, Dec 72 (Rus)
ACUTE DISEASE/ ADULT/ AGED/ *BLOOD COAGULATION DISORDERS/ *CIRCADIAN RHYTHM/ *CORONARY DISEASE, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERTENSION, blood/ MALE/ MIDDLE AGE/ MYOCARDIAL DISEASES, SECONDARY, blood

5991. **Perepelkin EG:** Sutechnyĭ ritm kolebaniĭ pikazateleĭ cvertyvaiushcheĭ i protivosvertyvaiushcheĭ sistemy krovi u bol'nykh stenokardiei.
Ter Arkh 44:44-6, Sep 72 (Rus)
ADULT/ AGED/ *ANGINA PECTORIS, blood/ *BLOOD COAGULATION/ *CIRCADIAN RHYTHM/ ENGLISH ABSTRACT/ FACTOR V/ FACTOR VII/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PROTHROMBIN

5992. **Perfil'ev DF:** Antikoagulaznaia reaktsiia u bol'nykh s ostrymi gnoĭnymi protsessami v briushnoĭ polosti stafilokokkovoĭ ėtiologii.
Zh Mikrobiol Epidemiol Immunobiol 49:63-7, Sep 72 (Rus)
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ *ANTIBODY FORMATION/ *APPENDICITIS, immunology/ CHILD/ *CHOLECYSTITIS, immunology/ COAGULASE/ ENGLISH ABSTRACT/ HUMAN/ MIDDLE AGE/ *PERITONITIS, immunology/ *STAPHYLOCOCCAL INFECTIONS, immunology

5993. **Perham RN:** The reactivity of functional groups as a probe for investigating the topography of tobacco mosaic virus. The use of mutants with additional lysine residues in the coat protein.
Biochem J 131:119-26, Jan 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AUTOANALYSIS/ CHYMOTRYPSIN/ ELECTROPHORESIS, PAPER/ IODOBENZENES/ LYSINE, analysis/ MUTATION/ PEPTIDES, analysis/ PICOLINE/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SULFONES/ *TOBACCO MOSAIC VIRUS, analysis/ TRYPSIN/ *VIRAL PROTEINS, analysis

5994. **Perings E, Brunner G, Bokermann M, et al:** Lipomatose des exokrinen Pankreas nach D-Penicillamin-Fütterung bei Ratten unter Cholinmangeldiät.
Dtsch Med Wochenschr 98:1085-6, 25 May 73 (Ger)
AMYLASE, metabolism/ ANIMAL EXPERIMENTS/ *CHOLINE DEFICIENCY, complications/ CHYMOTRYPSIN, metabolism/ LIPASE, metabolism/ *LIPOMATOSIS, chemically induced/ MALE/ PANCREAS, enzymology/ *PANCREATIC DISEASES, chemically induced/ *PENICILLAMINE, adverse effects/ PHOSPHOLIPASE, metabolism/ RATS/ TRYPSIN, metabolism

5995. **Perkins ES, Brown NA:** Iridotomy with a ruby laser.
Br J Ophthalmol 57:487-98, Jul 73
ADHESIONS/ CHILD/ CHRONIC DISEASE/ COLOR/ CYSTS, surgery/ EYE DISEASES, complications/ EYE DISEASES, surgery/ EYE INJURIES, complications/ GLAUCOMA, etiology/ *GLAUCOMA, surgery/ HUMAN/ IRIS/ *IRIS, surgery/ *LASER

COAGULATION/ LASER COAGULATION, instrumentation/ RETINAL HEMORRHAGE, surgery

5996. **Perkins HA, Senecal I, Howell E:** Leukocyte contamination of red cells in leukocyte-poor and frozen-deglycerolized units.
Transfusion 13:194-9, Jul-Aug 73
ANTICOAGULANTS/ BLOOD TRANSFUSION/ CELL SEPARATION/ CENTRIFUGATION/ *CYTOLOGICAL TECHNICS/ ERYTHROCYTE COUNT/ *ERYTHROCYTES/ FILTRATION/ FREEZING/ HEMOGLOBIN/ LEUKOCYTE COUNT/ *LEUKOCYTES/ NYLON/ TIME FACTORS

5997. **Perpheentupa J, Autio S, Leisti S, et al:** Mulibrey nanism, an autosomal recessive syndrome with pericardial constriction. Lancet 2:351-5, 18 Aug 73
ADOLESCENCE/ ADULT/ ASCITES, diagnosis/ *AUTOSOME ABNORMALITIES/ BIRTH WEIGHT/ CHILD/ CHILD, PRESCHOOL/ DWARFISM, diagnosis/ *DWARFISM, familial & genetic/ EDEMA, diagnosis/ ELECTROCARDIOGRAPHY/ FEMALE/ FIBROUS DYSPLASIA OF BONE, diagnosis/ FUNDUS OCULI/ GROWTH DISORDERS, diagnosis/ HEART ENLARGEMENT, diagnosis/ HEART FAILURE, CONGESTIVE/ HEMANGIOMA, diagnosis/ HEPATOMEGALY, diagnosis/ HUMAN/ HYDROCEPHALUS, diagnosis/ INFANT/ MALE/ MUSCULAR DISEASES, diagnosis/ PERICARDITIS, CONSTRICTIVE, diagnosis/ *PERICARDITIS, CONSTRICTIVE, familial & genetic/ SELLA TURCICA, abnormalities/ SKIN NEOPLASMS, diagnosis/ SYNDROME

5998. **Perrault J, Devroede G, Bounous G:** Effects of an elemental diet in healthy volunteers.
Gastroenterology 64:569-76, Apr 73
ADULT/ AMINO ACIDS, metabolism/ AMYLASE, secretion/ BILE ACIDS AND SALTS, secretion/ BODY WEIGHT/ CASEIN, metabolism/ CASEIN, pharmacodynamics/ CHOLESTEROL, blood/ *DIET/ DIETARY CARBOHYDRATES, metabolism/ DIETARY PROTEINS, metabolism/ FEMALE/ HUMAN/ INTUBATION, GASTROINTESTINAL/ LIPASE, secretion/ MALE/ MINERALS, metabolism/ *NUTRITION/ PANCREOZYMIN, pharmacodynamics/ PERFUSION/ PROTEIN HYDROLYSATES, metabolism/ TIME FACTORS/ TRIGLYCERIDES, metabolism/ TRYPSIN, secretion/ VITAMINS, metabolism

5999. **Perrier CV:** Diagnostic pancréatique.
Praxis 61:1343-6, 31 Oct 72 (Fre)
AMYLASE, blood/ ANGIOGRAPHY/ ENZYME TESTS/ HUMAN/ LIPASE, blood/ *PANCREATIC DISEASES, diagnosis/ PANCREATIC DISEASES, enzymology/ PANCREATIC DISEASES, radiography/ RADIOISOTOPE SCANNING/ TRYPSIN, blood

6000. **Perrin JH, Nelson DA:** Induced optical activity following the binding of warfarin, indomethacin, 4-hydroxycoumarin and salicylic acid to human serum albumin. Life Sci [I] 11:277-83, 15 Mar 72
ASPIRIN, blood/ BINDING SITES/ CIRCULAR DICHROISM/ *COUMARINS, blood/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *INDOMETHACIN, blood/ KINETICS/ PROTEIN BINDING/ *SALICYLIC ACID, blood/ *SERUM ALBUMIN, metabolism/ *WARFARIN, blood

6001. **Perry J, Chanarin I:** Observations on folate absorption with particular reference to folate polyglutamate and possible inhibitors to its absorption.
Gut 13:544-50, Jul 72
ANEMIA, PERNICIOUS, metabolism/ BIOLOGICAL ASSAY/ CHLORIDES, pharmacodynamics/ COPPER, pharmacodynamics/ DIPHENYLHYDANTOIN, pharmacodynamics/ FOLIC ACID, blood/ *FOLIC ACID, metabolism/ FOLIC ACID, urine/ *GLUTAMATES, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *INTESTINAL ABSORPTION/ INTESTINAL ABSORPTION, drug effects/ INTESTINE, SMALL, enzymology/ LACTOBACILLUS CASEI, metabolism/ PEPTIDE HYDROLASES, antagonists & inhibitors/ SILVER NITRATE, pharmacodynamics/ STREPTOCOCCUS FAECALIS, metabolism/ SULFOBROMOPHTHALEIN, pharmacodynamics

6002. **Persinger MA, Ludwig HW, Ossenkopp KP:** Psychophysiological effects of extremely low frequency electromagnetic fields: a review.
Percept Mot Skills 36:1139-51, Jun 73 (136 ref.)
ANIMAL EXPERIMENTS/ ATMOSPHERE/ BEHAVIOR/ BEHAVIOR, ANIMAL/ BLOOD COAGULATION/ CARDIOVASCULAR SYSTEM/ CATS/ CIRCADIAN RHYTHM/ DUCKS/ *ELECTROMAGNETICS/ FEMALE/ FETUS/ HAMSTERS/ HUMAN/ LEARNING/ LOCOMOTION/ MICE/ *MICROWAVES/ OXYGEN CONSUMPTION/ PIGEONS/ PREGNANCY/ PSYCHOPHYSIOLOGY/ RABBITS/ RATS/ REACTION TIME/ REVIEW/ TIME PERCEPTION/ WEATHER

6003. **Persson B:** Lipoprotein lipase activity of huuman adipose tissue in different types of hyperlipidemia.
Acta Med Scand 193:447-56, May 73
ACETOACETATES, blood/ *ADIPOSE TISSUE, enzymology/ ADULT/ BLOOD PROTEIN ELECTROPHORESIS/ BLOOD SUGAR, metabolism/ BODY HEIGHT/ BODY WEIGHT/ CHOLESTEROL, blood/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HUMAN/ HYPERLIPEMIA, blood/ *HYPERLIPEMIA, enzymology/ LIPIDS, blood/ LIPIDS, metabolism/ *LIPOPROTEIN LIPASE, metabolism/ MALE/ METHODS/ MIDDLE AGE/ OBESITY, enzymology/ RADIOISOTOPE DILUTION TECHNIC/ REGRESSION ANALYSIS/ SEX FACTORS/ TRIGLYCERIDES, blood

6004. **Persson B:** Lipoprotein lipase activity of human adipose tissue in health and in some diseases with hyperlipidemia as a common feature.
Acta Med Scand 193:457-62, May 73
ACETOACETATES, blood/ *ADIPOSE TISSUE, enzymology/ ALCOHOLISM, enzymology/ ANGINA PECTORIS, enzymology/ *ARTERIOSCLEROSIS, enzymology/ BLOOD SUGAR, metabolism/ CHOLESTEROL, blood/ *DIABETES MELLITUS, enzymology/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ GLUCOSE TOLERANCE TEST/ HUMAN/ HYPERLIPEMIA, blood/ *HYPERLIPEMIA, enzymology/ ISLET CELL TUMOR, enzymology/ LIPIDS, blood/ LIPIDS, metabolism/ *LIPOPROTEIN LIPASE, metabolism/ MALE/ MYXEDEMA, enzymology/ NEPHROSIS, enzymology/ OBESITY, enzymology/ SEX FACTORS/ TRIGLYCERIDES, blood/ *UREMIA, enzymology

6005. **Persson B, Schröder G, Hood B:** Lipoprotein lipase activity in human adipose tissue: assay methods. Relations to the serum triglyceride level in a normolipidemic population. The effect of ethyl chlorophenoxy isobutyrate.
Atherosclerosis 16:37-49, Jul-Aug 72
*ADIPOSE TISSUE, analysis/ ADULT/ BIOPSY, NEEDLE/ *CLOFIBRATE, therapeutic use/ FEMALE/ HUMAN/ *HYPERLIPEMIA, drug therapy/ HYPERLIPEMIA, enzymology/ *LIPOPROTEIN LIPASE, analysis/ MALE/ MIDDLE AGE/ OBESITY, blood/ OBESITY, enzymology/ *TRIGLYCERIDES, blood

6006. **Pertsovskii AI, Koval'chuk SI, Baronenko VA, et al:** Vliianie gialuronidazy na techenie eksperimental'nogo ateroskleroza.
Kardiologiia 13:37-40, Mar 73 (Rus)
ANIMAL EXPERIMENTS/ ARTERIOSCLEROSIS, blood/ *ARTERIOSCLEROSIS, drug therapy/ CAPILLARY PERMEABILITY/ CHINCHILLAS/ CHOLESTEROL, blood/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FIBRINOGEN, blood/ HEPARIN, blood/ HYALURONIDASE, administration & dosage/ *HYALURONIDASE,

therapeutic use/ HYPERCHOLESTEREMIA, blood/ *HYPERCHOLESTEREMIA, drug therapy/ INJECTIONS, INTRADERMAL/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, INTRAVENOUS/ LIPIDS, blood/ LIPOPROTEINS, blood/ RABBITS

6007. **Peshkov VK:** Agregatsiia trombotsitov pod vliianiem vnutrivennogo vvedeniia okolplodnykh vod.
Akush Ginekol (Mosk) 47:64-5, Dec 71 (Rus)
ANIMAL EXPERIMENTS/ *EMBOLISM, AMNIOTIC FLUID, blood/ FEMALE/ MALE/ *PLATELET ADHESIVENESS/ RABBITS

6008. **Peskar B, Spector S:** Serotonin: radioimmunoassay.
Science 179:1340-1, 30 Mar 73
ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY COMPLEX/ BLOOD PLATELETS/ METHODS/ PLASMA/ RABBITS, immunology/ *RADIOIMMUNOASSAY/ *SEROTONIN, analysis/ SERUM ALBUMIN, BOVINE/ TRITIUM

6009. **Pessina GP, Conti T, Pacini A, et al:** Factors regulating plasma protein synthesis. 3. Large scale separation of rabbit fibrinogenolytic products.
Ital J Biochem 21:155-68, Jul-Aug 72
ANIMAL EXPERIMENTS/ BLOOD PROTEINS, analysis/ *BLOOD PROTEINS, biosynthesis/ ELECTROPHORESIS, STARCH GEL/ *FIBRINOGEN, isolation & purification/ FIBRINOGEN, metabolism/ FIBRINOLYSIN/ HYDROLYSIS/ IMMUNOELECTROPHORESIS/ IMMUNOLOGY/ KINETICS/ MALE/ NEURAMINIDASE/ RABBITS/ RABBITS, immunology/ RATS, immunology/ TEMPERATURE/ TIME FACTORS/ ULTRAFILTRATION

6010. **Peter G:** Physikalische und chemische Charakterisierung des Dermonekrotoxins aus Staphylococcus aureus.
Arch Dermatol Forsch 245:76-84, 1972 (Ger)
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ BACTERIAL PROTEINS, analysis/ CHROMATOGRAPHY, PAPER/ ENGLISH ABSTRACT/ GLYCOPROTEINS, analysis/ GUINEA PIGS/ HYDROLYSIS/ ISOELECTRIC FOCUSING/ MOLECULAR WEIGHT/ NECROSIS/ SKIN/ *STAPHYLOCOCCUS, analysis/ TEMPERATURE/ *TOXINS, analysis/ TRYPSIN/ ULTRACENTRIFUGATION/ UREA

6011. **Peter G:** Biologische Charakterisierung des Dermonekrotoxins aus Staphylococcus aureus.
Arch Dermatol Forsch 245:85-94, 1972 (Ger)
ALKALINE PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ BACTERIAL PROTEINS, analysis/ COAGULASE, analysis/ DRUG RESISTANCE, MICROBIAL/ ENGLISH ABSTRACT/ FIBRINOLYSIN, analysis/ GEL DIFFUSION TESTS/ GLYCOPROTEINS, analysis/ GUINEA PIGS/ HEMOLYSINS, analysis/ HUMAN/ HYALURONIDASE, analysis/ IMMUNIZATION/ IMMUNOELECTROPHORESIS/ LEUKOCIDIN, analysis/ LIPASE, analysis/ NECROSIS/ PRECIPITATION/ SKIN/ SKIN TESTS/ *STAPHYLOCOCCUS, analysis/ *TOXINS, analysis

6012. **Peters DE, Bradbury JH:** The chemical composition of wool. X. Material digested by trypsin from fibres and cortical cells.
Aust J Biol Sci 25:1225-34, Dec 72
*AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CELL MEMBRANE/ CELL NUCLEUS, analysis/ CYSTINE, analysis/ FORMIC ACIDS/ KERATIN, analysis/ LYSINE, analysis/ METHIONINE, analysis/ MICROSCOPY, ELECTRON/ SHEEP/ *TRYPSIN/ *WOOL, analysis/ WOOL, cytology

6013. **Peters JL, Donovan FM Jr, Kawai J:** Consequences of the diaphragm driven artificial heart-animal implantation and mock circulation studies.
Chest 63:589-97, Apr 73
ANIMAL EXPERIMENTS/ ASCITES, etiology/ ASPARTATE AMINOTRANSFERASE, blood/ *BLOOD CIRCULATION/ BLOOD PLATELETS/ *BLOOD PRESSURE/ BLOOD UREA NITROGEN/ CATTLE/ CEREBRAL HEMORRHAGE, etiology/ DISEASE MODELS, ANIMAL/ EMBOLISM, etiology/ HEART, physiology/ *HEART, ARTIFICIAL/ HEART, ARTIFICIAL, mortality/ HEMOLYSIS/ HYPERTENSION, PULMONARY, etiology/ LACTATE DEHYDROGENASE, blood/ MICROCIRCULATION/ SILICONE ELASTOMERS

6014. **Peters RL, Rabstein LS, Spahn GJ, et al:** Incidence of spontaneous neoplasms in breeding and retired breeder BALB-cCr mice throughout the natural life span.
Int J Cancer 10:273-82, 15 Sep 72
ADENOCARCINOMA, occurrence/ ADENOCARCINOMA, veterinary/ ADENOMA, occurrence/ ADENOMA, veterinary/ AGE FACTORS/ CARCINOSARCOMA, occurrence/ CARCINOSARCOMA, veterinary/ FEMALE/ HEMANGIOENDOTHELIOMA, occurrence/ HEMANGIOENDOTHELIOMA, veterinary/ LEUKEMIA, LYMPHOBLASTIC, occurrence/ LEUKEMIA, LYMPHOBLASTIC, veterinary/ LUNG NEOPLASMS, occurrence/ LUNG NEOPLASMS, veterinary/ LYMPHOSARCOMA, occurrence/ LYMPHOSARCOMA, veterinary/ MALE/ MAMMAE/ MICE/ MICE, INBRED BALB C/ NEOPLASMS, occurrence/ *NEOPLASMS, veterinary/ SARCOMA, occurrence/ SARCOMA, veterinary

6015. **Peters RL, Spahn GJ, Rabstein LS, et al:** Murine C-type RNA virus from spontaneous neoplasms: in vitro host range and oncogenic potential.
Science 181:665-7, 17 Aug 73
ANIMAL EXPERIMENTS/ ANTIGENS, VIRAL, analysis/ C-TYPE VIRUSES/ C-TYPE VIRUSES, isolation & purification/ CARCINOMA, microbiology/ CELL LINE/ EMBRYO/ HEMANGIOENDOTHELIOMA, microbiology/ LEUKEMIA, EXPERIMENTAL, etiology/ LEUKEMIA, EXPERIMENTAL, microbiology/ LYMPHOSARCOMA, etiology/ LYMPHOSARCOMA, microbiology/ MAMMARY NEOPLASMS, EXPERIMENTAL, microbiology/ MICE/ MICE, INBRED BALB C/ *MOUSE LEUKEMIA VIRUSES/ MOUSE LEUKEMIA VIRUSES, immunology/ MOUSE LEUKEMIA VIRUSES, isolation & purification/ MYOEPITHELIAL TUMOR, microbiology/ SARCOMA, EXPERIMENTAL, microbiology/ SARCOMA, RETICULUM CELL, etiology/ SARCOMA, RETICULUM CELL, microbiology/ SPLEEN, microbiology/ VIRUS REPLICATION

6016. **Peters RL, Spahn GJ, Rabstein LS, et al:** Incidence of group-specific (gs) antigens of type C tumor viruses in spontaneous neoplasms of BALB-cCr mice.
Int J Cancer 10:290-5, 15 Sep 72
ADENOCARCINOMA, immunology/ ANTIGENIC DETERMINANTS/ *ANTIGENS, VIRAL/ CELL LINE/ COMPLEMENT FIXATION TESTS/ FEMALE/ FIBROSARCOMA, immunology/ HEMANGIOENDOTHELIOMA, immunology/ LEIOMYOSARCOMA, immunology/ MALE/ MAMMAE/ MICE/ MICE, INBRED BALB C/ *MOUSE TUMOR VIRUSES, immunology/ MYOEPITHELIAL TUMOR, immunology/ NEOPLASMS, immunology/ RHABDOMYOSARCOMA, immunology/ SPLEEN, immunology/ *SPLENIC NEOPLASMS, immunology/ SPLENIC NEOPLASMS, veterinary/ TISSUE EXTRACTS

6017. **Peters T Jr, Taniuchi H, Anfinsen CB Jr:** Affinity chromatography of serum albumin with fatty acids immobilized on agarose.
J Biol Chem 248:2447-51, 10 Apr 73
AMINO ACIDS/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BINDING SITES/ CARBON ISOTOPES/ CATTLE/ CHEMISTRY/ *CHROMATOGRAPHY/ CHROMATOGRAPHY, AFFINITY/ *FATTY ACIDS/ HUMAN/ METHODS/ MICROSPHERES/ MOLECULAR WEIGHT/ OLEIC ACID/ PALMITIC ACID/ PEPTIDES/ PEPTIDES, analysis/ *POLYSACCHARIDES/ PROTEIN BINDING/ *SERUM ALBUMIN, isolation & purification/ SERUM ALBUMIN, BOVINE, isolation &

purification/ SERUM GLOBULINS/ SODIUM/ TRYPSIN

6018. **Peters TJ:** Subcellular fractionation of the enterocyte with special reference to peptide hydrolases.
Ciba Found Symp 107-22, 1971
ALKALINE PHOSPHATASE, metabolism/ AMIDOHYDROLASES, metabolism/ ANIMAL EXPERIMENTS/ CATALASE, metabolism/ CELL FRACTIONATION/ CYTOCHROME OXIDASE, metabolism/ DIPEPTIDASES, metabolism/ DIPEPTIDES, metabolism/ *EPITHELIAL CELLS, enzymology/ EPITHELIAL CELLS, metabolism/ GLUCOSAMINIDASE, metabolism/ GUINEA PIGS/ HYDROLYSIS/ INTESTINAL ABSORPTION/ *INTESTINAL MUCOSA, enzymology/ INTESTINAL MUCOSA, metabolism/ *JEJUNUM, enzymology/ JEJUNUM, metabolism/ LYSOSOMES, enzymology/ MITOCHONDRIA, enzymology/ OLIGOPEPTIDES, metabolism/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ PEPTIDES, metabolism/ RATS/ SUBCELLULAR FRACTIONS, enzymology

6019. **Peters WR, Bush WH Jr, McIntyre RD, et al:** The development of fibrin sheath on indwelling venous catheters. Surg Gynecol Obstet 137:43-7, Jul 73
*CATHETERIZATION, adverse effects/ COLLATERAL CIRCULATION/ *FIBRIN/ FOREARM, blood supply/ HAND, blood supply/ HEPARIN/ HUMAN/ METHODS/ POLYTETRAFLUOROETHYLENE/ POLYVINYLS/ SUBCLAVIAN VEIN/ SUBCLAVIAN VEIN, radiography/ *THROMBOPHLEBITIS, prevention & control/ TIME FACTORS/ WRIST, blood supply

6020. **Petersen H, Berstad A:** The interaction between pentagastrin and cholecystokinin on pancreatic secretion in man. Scand J Gastroenterol 8:257-63, 1973
ADULT/ BICARBONATES, secretion/ BILIRUBIN, secretion/ CHOLECYSTOKININ, administration & dosage/ CHOLECYSTOKININ, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG INTERACTIONS/ DUODENUM, secretion/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MALE/ *PANCREAS, drug effects/ PANCREAS, secretion/ *PANCREATIC JUICE, secretion/ PENTAGASTRIN, administration & dosage/ *PENTAGASTRIN, pharmacodynamics/ PEPTIDE HYDROLASES, secretion

6021. **Petersen HS:** Anerythraemic Di Guglielmo syndrome. Report of a case. Acta Med Scand 193:363-4, Apr 73
AGED/ AUTOPSY/ BLOOD PLATELET DISORDERS/ BONE MARROW CELLS/ *ERYTHREMIC MYELOSIS, diagnosis/ ERYTHREMIC MYELOSIS, pathology/ ERYTHROCYTES, ABNORMAL/ HUMAN/ HYPERPLASIA/ KIDNEY, pathology/ MALE/ SPLEEN, pathology

6022. **Peterson HI, Appelgren KL, Rosengren BH:** Experimental studies on the mechanisms of fibrinogen uptake in a rat tumour.
Eur J Cancer 8:677-81, Dec 72
ANIMAL EXPERIMENTS/ CHROMIUM ISOTOPES/ EDTA, metabolism/ *FIBRINOGEN, metabolism/ IODINE ISOTOPES/ MUSCLES, metabolism/ NEOPLASM TRANSPLANTATION/ RATS/ RATS, INBRED STRAINS/ *SARCOMA, EXPERIMENTAL, metabolism/ SERUM ALBUMIN, metabolism/ TRANSPLANTATION, HOMOLOGOUS

6023. **Peterson HI, Kjartansson I, Korsan-Bengtsen K, et al:** Fibrinolysis in human malignant tumours.
Acta Chir Scand 139:219-23, 1973
BREAST NEOPLASMS, metabolism/ COLONIC NEOPLASMS, metabolism/ ESOPHAGEAL NEOPLASMS, metabolism/ FIBRIN, metabolism/ FIBRINOGEN, metabolism/ *FIBRINOLYSIS/ GALLBLADDER NEOPLASMS, metabolism/ HUMAN/ LYMPHATIC METASTASIS/ *NEOPLASMS, metabolism/ PANCREATIC NEOPLASMS, metabolism/ RECTAL NEOPLASMS, metabolism/ STOMACH NEOPLASMS, metabolism

6024. **Peterson MR, Barker LF, Schade DS:** Detection of antibody to hepatitis-associated antigen in hemophilia patients and in voluntary blood donors.
Vox Sang 24:66-75, Jan 73
ADOLESCENCE/ ADULT/ *ANTIBODIES, analysis/ *AUSTRALIA ANTIGEN/ *BLOOD DONORS/ COMPLEMENT FIXATION TESTS, standards/ ELECTROPHORESIS, standards/ GEL DIFFUSION TESTS, standards/ HEMAGGLUTINATION TESTS, standards/ *HEMOPHILIA, immunology/ HUMAN/ IODINE ISOTOPES/ MIDDLE AGE/ RADIOIMMUNOASSAY, standards/ UNITED STATES

6025. **Peterson WH, Komp DM, Shaw A:** Splenic sequestration crisis in childhood myelogenous leukemia. J Pediatr 83:343-4, Aug 73
BLOOD CELL COUNT/ BLOOD PLATELETS/ CHILD, PRESCHOOL/ *ERYTHROCYTE AGGREGATION, INTRAVASCULAR, etiology/ HEMATOCRIT/ HEMOGLOBINOMETRY/ HUMAN/ *LEUKEMIA, MYELOCYTIC, complications/ MALE/ *PLASMA VOLUME/ *SPLENIC INFARCTION, etiology

6026. **Peterson WJ, Makinodan T:** Autoimmunity in aged mice. Occurrence of autoagglutinating factors in the blood of aged mice with medium and long life-spans.
Clin Exp Immunol 12:273-90, Oct 72
AGE FACTORS/ *AGING/ ANIMAL EXPERIMENTS/ ANTIBODIES, HETEROTYPIC/ ANTIGENIC DETERMINANTS/ *AUTOANTIBODIES/ AUTOIMMUNE DISEASES, immunology/ CARBOHYDRATES/ COOMBS' TEST/ ERYTHROCYTES, immunology/ FEMALE/ GOATS, immunology/ HEMAGGLUTINATION TESTS/ HEMATOCRIT/ IGA, analysis/ IGM, analysis/ MALE/ MICE/ MICE, INBRED BALB C, immunology/ MICE, INBRED C57BL, immunology/ *MICE, INBRED STRAINS, immunology/ RABBITS, immunology/ SEX FACTORS/ SHEEP, immunology/ TEMPERATURE/ TRYPSIN

6027. **Petitpierre B, Perrin L, Rudhardt M, et al:** Behaviour of chlorpropamide in renal insufficiency and under the effect of associated drug therapy.
Int J Clin Pharmacol 6:120-4, Jun 72
ACENOCOUMAROL, pharmacodynamics/ ALLOPURINOL, pharmacodynamics/ CHLORAMPHENICOL, pharmacodynamics/ CHLORPROPAMIDE, blood/ *CHLORPROPAMIDE, metabolism/ CLOFIBRATE, pharmacodynamics/ GLOMERULAR FILTRATION RATE/ GLOMERULONEPHRITIS, metabolism/ HALF-LIFE/ HUMAN/ KIDNEY, metabolism/ *KIDNEY DISEASES, metabolism/ PROBENECID, pharmacodynamics/ PYELONEPHRITIS, metabolism

6028. **Petr R:** Mikroangiomy bazal'nykh struktur mozga.
Vopr Neirokhir 37:11-2, Mar-Apr 73 (Rus)
ADOLESCENCE/ *BRAIN NEOPLASMS, diagnosis/ BRAIN NEOPLASMS, surgery/ BRAIN STEM/ CEREBRAL ANGIOGRAPHY/ CEREBRAL HEMORRHAGE, diagnosis/ CEREBRAL VENTRICLES/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, diagnosis/ HEMANGIOMA, surgery/ HUMAN/ PNEUMOENCEPHALOGRAPHY

6029. **Petrásek J, Cakrtová M, Dejmal V:** Reologické poměry v krevním řečišti po infúzi makromolekulárního roztoku. (Rheodextan Spofa.
Cas Lek Cesk 112:23-5, 5 Jan 73 (Cze)
BLOOD CIRCULATION, drug effects/ *BLOOD VESSELS/ BLOOD VISCOSITY, drug effects/ *BURNS, drug therapy/ DEXTRAN, pharmacodynamics/ *DEXTRAN, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/

MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ *RHEOLOGY

6030. **Petrishchev NN:** Reaktivnost' svertyvaiushcheĭ sistemy krovi pri éksperimental'noĭ nadpochechnikovoĭ nedostatochnosti.
Vestn Khir 110:37-41, Apr 73 (Rus)
*ADRENAL GLAND HYPOFUNCTION, blood/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ DISEASE MODELS, ANIMAL/ ENGLISH ABSTRACT/ HEPARIN, blood/ MALE/ METHODS/ PROTAMINES, pharmacodynamics/ RATS/ SULFATES/ THROMBELASTOGRAPHY/ THROMBIN, pharmacodynamics/ TIME FACTORS

6031. **Petrova TR, Pavlishchuk SA, Grigoriev GI:** O roli trombotsitov v patogeneze tserebral'nykh oslozhneniĭ ateroskleroza.
Ter Arkh 44:22-6, Sep 72 (Rus)
ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, complications/ *BLOOD PLATELETS/ *CEREBRAL ARTERIOSCLEROSIS, complications/ *CEREBROVASCULAR DISORDERS, blood/ CEREBROVASCULAR DISORDERS, etiology/ ENGLISH ABSTRACT/ HUMAN/ SURFACE PROPERTIES

6032. **Petrov-Maslakov MA, Susloparov LA, Ryndin VA:** Vliianie oksitotsina na techenie posledovogo perioda i koaguliatsionnye svoĭstva venoznoĭ krovi rozhenits i rodil'nits.
Akush Ginekol (Mosk) 47:14-9, Oct 71 (Rus)
*BLOOD COAGULATION DISORDERS, chemically induced/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ *HEMORRHAGE, POSTPARTUM, prevention & control/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, INTRAVENOUS/ *LABOR COMPLICATIONS, prevention & control/ *OXYTOCIN, administration & dosage/ OXYTOCIN, adverse effects/ OXYTOCIN, therapeutic use/ PREGNANCY

6033. **Petrucco O, Rao PS, Cavanagh D:** Endotoxin shock in the dog. Alterations in hemodynamic and hematologic parameters during bolus and infusion studies.
Am J Obstet Gynecol 114:1060-5, 15 Dec 72
ANIMAL EXPERIMENTS/ AORTA/ BLOOD CELL COUNT/ BLOOD PRESSURE/ CENTRAL VENOUS PRESSURE/ DOGS/ *ENDOTOXINS, administration & dosage/ FEMALE/ FIBRIN, metabolism/ *HEMODYNAMICS/ HISTOCYTOCHEMISTRY/ INFUSIONS, PARENTERAL/ LEUKOCYTE COUNT/ RENAL ARTERY/ RENAL VEINS/ *SHOCK, ENDOTOXIC/ SHOCK, ENDOTOXIC, blood/ SHOCK, ENDOTOXIC, etiology/ SHOCK, ENDOTOXIC, metabolism/ SHOCK, ENDOTOXIC, pathology/ SHOCK, ENDOTOXIC, physiopathology/ VENOUS PRESSURE

6034. **Petruchuk EM, Dzagurov SG, Shalunova NV:** Issledovanie syvorotok krys na soderzhanie antitel k latentnomu virusu Kilkhema.
Vopr Virusol 18:203-6, Mar-Apr 73 (Rus)
ANIMAL EXPERIMENTS/ *ANTIBODIES, VIRAL, analysis/ CELLS, CULTURED/ EMBRYO, cytology/ ENGLISH ABSTRACT/ HAMSTERS, immunology/ HEMAGGLUTINATION, VIRAL/ IMMUNE SERUMS/ KIDNEY, cytology/ METHODS/ *PICORNAVIRUS, immunology/ RATS, immunology/ TISSUE CULTURE/ TRYPSIN/ VIRUS CULTIVATION

6035. **Petrunia MS:** Uproshchennyi sposob ustraneniia polnykh simblefaronov kak podgotovka k peresadke rogovitsy.
Oftalmol Zh 28:225-8, 1973 (Rus)
ADHESIONS/ *CONJUNCTIVA, surgery/ *CORNEA, transplantation/ ENGLISH ABSTRACT/ *EYELID DISEASES, surgery/ HUMAN/ MOUTH MUCOSA, transplantation

6036. **Petrushina LI:** Sravnitel'noe izuchenie sukhoĭ i svezhepoluchennoĭ krolich'eĭ plazmy v raktsii plazmokoaguliatsii stafilokokkov.
Lab Delo 8:506-7, 1972 (Rus)
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION TESTS/ *COAGULASE, analysis/ COMPARATIVE STUDY/ *IMMUNE SERUMS, analysis/ RABBITS

6037. **Pettigrew GW:** The amino-acid sequence of cytochrome c from Euglena gracilis. Nature 241:531-3, 23 Feb 73
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ CHYMOTRYPSIN, metabolism/ *CYTOCHROME C, analysis/ CYTOCHROME C, metabolism/ *EUGLENA GRACILIS, enzymology/ PEPTIDES, analysis/ SPECTROPHOTOMETRY/ TRYPSIN, metabolism

6038. **Pevny I, Becker G, Zeisner W:** Lymphabflussstörungen beim Klippel-Trénaunay-Parkes-Weber-Syndrom. Isotopenlymphographische Untersuchungen.
Hautarzt 24:58-62, Feb 73 (Ger)
ADOLESCENCE/ ADULT/ *ANGIOMATOSIS, complications/ *BONE DISEASES, complications/ CHILD/ FEMALE/ GOLD COLLOID, RADIOACTIVE/ HUMAN/ LEG/ *LYMPHATIC DISEASES, complications/ LYMPHATIC DISEASES, diagnosis/ MALE/ METHODS/ MIDDLE AGE/ RADIOISOTOPE SCANNING/ TIME FACTORS

6039. **Pexman JH:** Brain scanning with a nuclear enterprises scinticamera IV. Biomed Eng 8:16-9, Jan 73
*BRAIN/ BRAIN NEOPLASMS, diagnosis/ CEREBROVASCULAR DISORDERS, diagnosis/ HEMANGIOMA, diagnosis/ HUMAN/ PHOTOGRAPHY, instrumentation/ *RADIOISOTOPE SCANNING, instrumentation/ SCINTILLATION COUNTERS, instrumentation

6040. **Peychl L:** Dvě pozorovaní chorioangiomu, v jednom případě v kombinaci s hydropsem plodu.
Cas Lek Cesk 111:964, 6 Oct 72 (Cze)
AUTOPSY/ EDEMA, etiology/ *EDEMA, pathology/ FEMALE/ FETAL DISEASES, etiology/ *FETAL DISEASES, pathology/ *HEMANGIOMA, pathology/ HUMAN/ INFANT, NEWBORN/ NEOPLASMS, pathology/ PREGNANCY

6041. **Peyron JG:** Revue des apports récents en physiopathologie du cartilage articulaire. II. Métabolisme; propriétés mécaniques; antigénicité.
Rev Rhum Mal Osteoartic 39:157-65, Feb 72 (Fre)
*ANTIGENS/ CARTILAGE, ARTICULAR, immunology/ CARTILAGE, ARTICULAR, metabolism/ *CARTILAGE, ARTICULAR, physiopathology/ CARTILAGE, ARTICULAR, transplantation/ COLLAGEN, metabolism/ ELASTICITY/ ENGLISH ABSTRACT/ HUMAN/ MICROSCOPY, ELECTRON/ MUCOPOLYSACCHARIDES, metabolism/ PEPTIDE HYDROLASES, metabolism/ PERMEABILITY/ REVIEW/ SYNOVIAL FLUID, immunology/ TRACTION/ TRANSPLANTATION, HOMOLOGOUS

6042. **Peyton GA, Powell JB, Emery CE, et al:** A comparison of methods for determining 2,3-diphosphoglyceric acid in blood. Ann Clin Lab Sci 2:383-8, Sep-Oct 72
AMMONIUM COMPOUNDS/ AUTOANALYSIS/ BLOOD CHEMICAL ANALYSIS, standards/ BLOOD PRESERVATION/ COMPARATIVE STUDY/ CYCLOHEXANE/ DRUG STABILITY/ EVALUATION STUDIES/ FLUOROMETRY/ FREEZING/ GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE/ GLYCEROPHOSPHATES/ *GLYCEROPHOSPHATES, blood/ HUMAN/ HYDRAZONES, analysis/ METHODS/ NAD, analysis/ OXIDATION-REDUCTION/ PHOSPHOGLYCERATE KINASE/ PHOSPHOPYRUVATE HYDRATASE/ PHOSPHOTRANSFERASES/ PYRUVATE KINASE/ SPECTROPHOTOMETRY/ TIME FACTORS

6043. **Pfaender P, Kuhnle E, Krahl B, et al:** Die enzymatische Kontrolle von Fehlsequenzpeptid-Gemischen aus Peptidsynthesen in wässriger Phase.
Hoppe Seylers Z Physiol Chem 353:743, May 72 (Ger)

AMINO ACID SEQUENCE/ BROMELAINS/ CARBOXYPEPTIDASES/ CATHEPSIN/ CHEMISTRY/ CHYMOTRYPSIN/ LEUCINE AMINOPEPTIDASE/ PANCREATOPEPTIDASE/ PAPAIN/ PEPSIN/ PEPTIDE HYDROLASES/ PEPTIDE PEPTIDOHYDROLASES/ PEPTIDES/ THERMOLYSIN

6044. **Pfeiffer RA, Maintz G, Haneke C:** Tetraphocomelia and neonatal amegakaryocytic thrombocytopenia.
Humangenetik 17:175-8, 1973
AUTOSOME ABNORMALITIES/ ECTROMELIA, familial & genetic/ GENES, RECESSIVE/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ MEGAKARYOCYTES/ SYNDROME/ THROMBOPENIA, congenital/ *THROMBOPENIA, familial & genetic

6045. **Pfisterer H, Ruppelt W:** Gewinnung von Granulozyten zur Transfusion mit dem IBM-Blutzellseparator von gesunden Spendern.
Blut 25:150-8, Sep 72 (Ger)
*BLOOD TRANSFUSION/ CELL SEPARATION/ CITRATES/ *CYTOLOGICAL TECHNICS, instrumentation/ DEXTRAN/ ENGLISH ABSTRACT/ GELATIN/ HALF-LIFE/ HEPARIN/ HUMAN/ *LEUKOCYTES/ LEUKOCYTES, drug effects/ METHODS/ PHOSPHORUS ISOTOPES/ PREDNISOLONE, pharmacodynamics

6046. **Pfleiderer G, Zwilling R:** Die molekulare Evolution proteolytischer Enzyme.
Naturwissenschaften 59:396-405, Sep 72 (Ger)
AMINO ACID SEQUENCE/ AMINO ACIDS/ BINDING SITES/ CATTLE/ CHYMOTRYPSIN/ CRAYFISH/ ENGLISH ABSTRACT/ *EVOLUTION/ MOLECULAR BIOLOGY/ PANCREATOPEPTIDASE/ *PEPTIDE HYDROLASES/ PROTEIN CONFORMATION/ SHARKS/ SHEEP/ STREPTOCOCCUS/ SWINE/ THROMBIN/ TRYPSIN/ TURKEY

6047. **Pfretzschner C, Loibl H:** Symptome und Terapie des juvenilen Nasenrachenfibromes im Kindesalter.
Kinderaerztl Prax 40:49-53, Feb 72 (Ger)
*ANGIOMA, SCLEROSING, diagnosis/ ANGIOMA, SCLEROSING, surgery/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ MALE/ *NASOPHARYNGEAL NEOPLASMS, diagnosis/ NASOPHARYNGEAL NEOPLASMS, surgery

6048. **Pfueller SL, Lüscher EF:** The effects of immune complexes on blood platelets and their relationship to complement activation.
Immunochemistry 9:1151-65, Nov 72 (152 ref.)
ADSORPTION/ ANAPHYLAXIS, immunology/ *ANTIGEN-ANTIBODY COMPLEX/ ARTHUS PHENOMENON, immunology/ BACTERIA/ BASOPHILS, immunology/ *BLOOD PLATELETS, immunology/ CALCIUM, physiology/ *COMPLEMENT/ ENDOTOXINS/ HUMAN/ IMMUNOGLOBULINS/ NEUTROPHILS, immunology/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PHAGOCYTOSIS/ PLATELET ADHESIVENESS/ RABBITS, immunology/ REVIEW/ SHWARTZMAN PHENOMENON, immunology/ SOLUBILITY/ VIRUSES

6049. **Philipp M, Bender ML:** Is binding the rate-limiting step in acylation of -chymotrypsin by specific substrates?
Nature [New Biol] 241:44, 10 Jan 73
ACYLATION/ BINDING SITES/ *CHYMOTRYPSIN, metabolism/ KINETICS

6050. **Philippon A, Kazmierczak A, Chardon H, et al:** Détermination des antistreptokinases (ASK) par une microméthode.
Nouv Presse Med 2:383-4, 10 Feb 73 (Fre)
BLOOD COAGULATION TESTS/ BLOOD SEDIMENTATION/ COLD/ FIBRIN/ FIBRINOGEN/ FIBRINOLYSIS/ HUMAN/ METHODS/ MICROCHEMISTRY/ PLASMINOGEN/ *STREPTOCOCCAL INFECTIONS, blood/ *STREPTOKINASE, antagonists & inhibitors

6051. **Philipsborn G von, Stalder B:** Verträglichkeitsprüfung von N-Propylajmaliniumhydrogenatartrat in Tierversuchen.
Arzneim Forsch 22:2085-90, Dec 72 (Ger)
ABNORMALITIES, DRUG-INDUCED/ *AJMALINE, pharmacodynamics/ AJMALINE, toxicity/ ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD CHEMICAL ANALYSIS/ BLOOD COAGULATION TESTS/ BLOOD PRESSURE, drug effects/ BODY WEIGHT, drug effects/ DOGS/ ELECTROCARDIOGRAPHY/ EMBRYO, drug effects/ ENGLISH ABSTRACT/ FEMALE/ FETUS, drug effects/ GUINEA PIGS/ HEMATOCRIT/ KIDNEY, pathology/ LETHAL DOSE 50/ LIVER FUNCTION TESTS/ MALE/ MICE/ ORGAN WEIGHT/ PLASMA, enzymology/ PREGNANCY/ RABBITS/ RATS/ TARTRATES

6052. **Phillips DR:** Effect of trypsin on the exposed polypeptides and glycoproteins in the human platelet membrane. Biochemistry 11:4582-8, 21 Nov 72
BLOOD PLATELETS, analysis/ BLOOD PLATELETS, cytology/ *BLOOD PLATELETS, drug effects/ CELL MEMBRANE, analysis/ CELL MEMBRANE, drug effects/ ELECTROPHORESIS, DISK/ *GLYCOPROTEINS, blood/ HUMAN/ IODIDES/ IODINE ISOTOPES/ MOLECULAR WEIGHT/ *PEPTIDES, blood/ PEROXIDASES/ SODIUM DODECYL SULFATE/ *TRYPSIN, pharmacodynamics

6053. **Phillips DR, Morrison M:** Changes in accessibility of plasma membrane protein as the result of tryptic hydrolysis. Nature [New Biol] 242:213-5, 18 Apr 73
*BINDING SITES, drug effects/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, metabolism/ *ERYTHROCYTES, drug effects/ ERYTHROCYTES, metabolism/ *GLYCOPROTEINS, metabolism/ HUMAN/ HYDROLYSIS/ IODINE, metabolism/ PEPTIDES, metabolism/ PEROXIDASES/ *TRYPSIN, pharmacodynamics

6054. **Phillips FA, Peeler JT:** Bacteriological survey of the blue crab industry. Appl Microbiol 24:958-66, Dec 72
AEROBIOSIS/ BACTERIOLOGICAL TECHNICS/ CELL COUNT/ COAGULASE, biosynthesis/ CRABS/ *ENTEROBACTERIACEAE, isolation & purification/ *ESCHERICHIA COLI, isolation & purification/ FLORIDA/ FOOD CONTAMINATION/ FOOD HANDLING/ FOOD INSPECTION/ *FOOD MICROBIOLOGY/ *FOOD-PROCESSING INDUSTRY, standards/ GEORGIA/ LOUISIANA/ MARYLAND/ MISSISSIPPI/ SANITATION/ *SHELLFISH/ STAPHYLOCOCCUS, enzymology/ *STAPHYLOCOCCUS, isolation & purification/ TEXAS

6055. **Phillips HJ:** Dissociation of single cells from lung or kidney tissue with elastase.
In Vitro 8:101-5, Sep-Oct 72
ANIMAL EXPERIMENTS/ CELL ADHESION, drug effects/ CELL COUNT/ CELL SEPARATION/ CHYMOTRYPSIN, pharmacodynamics/ CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ *CYTOLOGICAL TECHNICS/ EDTA, pharmacodynamics/ GUINEA PIGS/ *KIDNEY, cytology/ *LUNG, cytology/ MALE/ *PANCREATOPEPTIDASE/ PANCREATOPEPTIDASE, pharmacodynamics/ SOY BEANS/ TISSUE CULTURE/ TRYPSIN, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics

6056. **Phillips LL:** Effect of prostaglandins on the coagulation mechanism of the pregnant rat.
Am J Obstet Gynecol 115:227-32, 15 Jan 73
ABORTION, INDUCED/ ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ *BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, drug effects/ FEMALE/ FIBRINOGEN, analysis/ PREGNANCY/ *PREGNANCY, ANIMAL, drug effects/ *PROSTAGLANDINS, pharmacodynamics/ PROSTAGLANDINS, therapeutic use/ PROTHROMBIN TIME/ RATS/ THROMBOPLASTIN, analysis

6057. **Phillips LL, Davidson EC Jr:** Procoagulant properties of amniotic fluid.
Am J Obstet Gynecol 113:911-9, 1 Aug 72
*AMNIOTIC FLUID, analysis/ *BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ FACTOR V/ FACTOR VII/ FACTOR VIII/ FACTOR IX/ FACTOR X/ FACTOR XI/ FEMALE/ GESTATIONAL AGE/ HUMAN/ PROTHROMBIN TIME/ THROMBOPLASTIN/ VENOMS

6058. **Phillips LL, Rosano L, Skrodelis V:** Changes in factor XI (plasma thromboplastin antecedent) levels during pregnancy. Am J Obstet Gynecol 116:1114-6, 15 Aug 73
BLOOD VOLUME/ *FACTOR XI, analysis/ FACTOR XI DEFICIENCY/ FACTOR XIII, analysis/ FEMALE/ GESTATIONAL AGE/ HUMAN/ *PREGNANCY/ *PUERPERIUM/ STATISTICS/ TIME FACTORS

6059. **Philp RB, Inwood MJ, Warren BA:** Interactions between gas bubbles and components of the blood: implications in decompression sickness.
Aerosp Med 43:946-53, Sep 72
ANIMAL EXPERIMENTS/ BLOOD PLATELETS/ DECOMPRESSION, EXPLOSIVE/ *DECOMPRESSION SICKNESS, blood/ DECOMPRESSION SICKNESS, pathology/ EPITHELIAL CELLS, blood supply/ *GASES, blood/ HISTOLOGICAL TECHNICS/ LEUKOCYTE COUNT/ MALE/ MEMBRANES/ MICROSCOPY, ELECTRON/ *NAVAL MEDICINE/ PLATELET ADHESIVENESS/ RATS/ STAINS AND STAINING

6060. **Philp RB, Schacham P, Gowdey CW:** Involvement of platelets and microthrombi in experimental decompression sickness: similarities with disseminated intravascular coagulation.
Aerosp Med 42:494-502, May 71
ADENOSINE, pharmacodynamics/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ AIR/ ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD PLATELETS, drug effects/ CEREBRAL CORTEX, pathology/ DECOMPRESSION SICKNESS, blood/ *DECOMPRESSION SICKNESS, complications/ DECOMPRESSION SICKNESS, pathology/ *DISSEMINATED INTRAVASCULAR COAGULATION/ ERYTHROCYTE AGGREGATION, INTRAVASCULAR, etiology/ ERYTHROCYTE AGGREGATION, INTRAVASCULAR, pathology/ INJECTIONS, INTRA-ARTERIAL/ INJECTIONS, INTRAVENOUS/ LUNG, pathology/ MALE/ *PLATELET ADHESIVENESS/ PLATELET ADHESIVENESS, drug effects/ RABBITS/ RATS/ SEROTONIN, pharmacodynamics/ *THROMBOSIS, etiology/ THROMBOSIS, pathology

6061. **Pia HW:** Diagnosis and treatment of spinal angiomas.
Neurol Med Chir (Tokyo) 11:11-6, 1971
*HEMANGIOMA/ HEMANGIOMA, diagnosis/ HEMANGIOMA, radiography/ HEMANGIOMA, surgery/ HUMAN/ *SPINAL CORD NEOPLASMS/ SPINAL CORD NEOPLASMS, diagnosis/ SPINAL CORD NEOPLASMS, radiography/ SPINAL CORD NEOPLASMS, surgery

6062. **Pia HW:** Diagnosis and treatment of spinal angiomas.
Acta Neurochir (Wien) 28:1-12, 1973
ANGIOSARCOMA, pathology/ ARACHNOIDITIS, etiology/ DIAGNOSTIC ERRORS/ *HEMANGIOMA/ HEMANGIOMA, complications/ HEMANGIOMA, diagnosis/ HEMANGIOMA, pathology/ HEMANGIOMA, surgery/ HUMAN/ MICROSURGERY/ PROGNOSIS/ SPINAL CORD, pathology/ SPINAL CORD, surgery/ *SPINAL CORD NEOPLASMS/ SPINAL CORD NEOPLASMS, complications/ SPINAL CORD NEOPLASMS, diagnosis/ SPINAL CORD NEOPLASMS, pathology/ SPINAL CORD NEOPLASMS, surgery

6063. **Piana L, Magnin G, Sudan JP, et al:** Une cause rare d'hémorragie du post-partum: l'inhibiteur du facteur antihémophilique.
Rev Fr Gynecol Obstet 67:621-4, Nov 72 (Fre)
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ FACTOR VIII, administration & dosage/ *FACTOR VIII, antagonists & inhibitors/ FEMALE/ HEMORRHAGE, POSTPARTUM, drug therapy/ *HEMORRHAGE, POSTPARTUM, etiology/ HUMAN

6064. **Piard A, Mabille JP, Ferry C, et al:** Hémangiopéricytome gastrique invaginé dans le duodénum. Med Chir Dig 1:203-6, 1972 (Fre)
AGED/ *DUODENUM/ DUODENUM, radiography/ FEMALE/ *HEMANGIOPERICYTOMA/ HEMANGIOPERICYTOMA, radiography/ HEMANGIOPERICYTOMA, surgery/ HUMAN/ *STOMACH NEOPLASMS/ STOMACH NEOPLASMS, radiography/ STOMACH NEOPLASMS, surgery

6065. **Piat G:** Aspetti fondamentali di fisiopatologia del politraumatizzato.
Minerva Chir 28:164-78, 15 Jan 73 (Ita)
ACID-BASE EQUILIBRIUM/ BLOOD COAGULATION TESTS/ HEART FUNCTION TESTS/ HUMAN/ PULMONARY CIRCULATION/ RESPIRATORY FUNCTION TESTS/ RESPIRATORY INSUFFICIENCY, etiology/ SHOCK, TRAUMATIC, complications/ SHOCK, TRAUMATIC, physiopathology/ WATER-ELECTROLYTE BALANCE/ *WOUNDS AND INJURIES, physiopathology

6066. **Pichard AL, Hanoune J, Kaplan JC:** Human brain and platelet cyclic adenosine 3',5'-monophosphate phosphodiesterases: different response to drugs.
Biochim Biophys Acta 279:217-20, 18 Aug 72
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ *ANTIDEPRESSIVE AGENTS, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, enzymology/ BRAIN, drug effects/ *BRAIN, enzymology/ DEPRESSION, CHEMICAL/ *DIPYRIDAMOLE, pharmacodynamics/ ELECTROPHORESIS, STARCH GEL/ HUMAN/ ISOENZYMES, antagonists & inhibitors/ *PHOSPHODIESTERASES, antagonists & inhibitors/ *PURINES, pharmacodynamics

6067. **Pichlmayr I:** Schock--behandlung.
Fortschr Med 89:819-22, 1 Jul 71 (Ger)
ACIDOSIS, prevention & control/ ADRENERGIC ALPHA RECEPTOR BLOCKADERS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ BLOOD TRANSFUSION/ BLOOD VISCOSITY/ CARDIAC GLYCOSIDES, therapeutic use/ COLLOIDS/ HUMAN/ OXYGEN CONSUMPTION/ PLASMA SUBSTITUTES, therapeutic use/ PLASMA VOLUME/ *SHOCK, therapy/ SHOCK, CARDIOGENIC, drug therapy/ SHOCK, HEMORRHAGIC, drug therapy

6068. **Pick E, Manheimer S:** The mechanism of action of macrophage migration inhibitory factor (MIF).
Int Arch Allergy Appl Immunol 45:295-8, 1973
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ *CELL MIGRATION INHIBITION/ COLCHICINE, pharmacodynamics/ CYTOCHALASIN B, pharmacodynamics/ DEXTRAN, pharmacodynamics/ GUINEA PIGS/ HEPARIN, pharmacodynamics/ ISOPROTERENOL, pharmacodynamics/ LYMPH NODES, cytology/ LYMPHOCYTES, immunology/ MACROPHAGES, drug effects/ *MACROPHAGES, immunology/ MICROTUBULES/ POLYVINYLS, pharmacodynamics/ PRONASE, pharmacodynamics/ PUROMYCIN, pharmacodynamics/ THEOPHYLLINE, pharmacodynamics/ TRYPSIN, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics/ TUBERCULIN/ VINBLASTINE, pharmacodynamics

6069. **Pickens RL, Lattimer JK:** Disseminated intravascular

coagulation: diagnosis and treatment of a hemorrhagic diathesis after prostatectomy.
J Urol 108:951-3, Dec 72
AGED/ BLOOD TRANSFUSION/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ FIBRINOGEN, therapeutic use/ *HEMORRHAGIC DIATHESIS, etiology/ HEMORRHAGIC DIATHESIS, therapy/ HEPARIN, therapeutic use/ HUMAN/ MALE/ *PROSTATECTOMY, adverse effects/ PROSTATIC HYPERTROPHY, surgery

6070. **Pickrell JA, Light ME, Mauderly JL, et al:** Certain effects of sampling and storage on canine blood of different oxygen tensions.
Am J Vet Res 34:241-4, Feb 73
ANIMAL EXPERIMENTS/ ATMOSPHERIC PRESSURE/ *BLOOD PRESERVATION/ *BLOOD SPECIMEN COLLECTION/ *DOGS/ FEMORAL ARTERY/ HYDROGEN-ION CONCENTRATION/ JUGULAR VEIN/ METHODS/ OXYGEN/ *OXYGEN, blood/ PULMONARY ALVEOLI/ SYRINGES/ TEMPERATURE/ TIME FACTORS

6071. **Piecuch T:** Krwionośny naczyniak jamisty odbytnicy.
Pol Przegl Chir 44:1565-7, Oct 72 (Pol)
ADOLESCENCE/ ENGLISH ABSTRACT/ FECAL INCONTINENCE, etiology/ *HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ MALE/ POSTOPERATIVE COMPLICATIONS/ *RECTAL NEOPLASMS, surgery

6072. **Pielsticker K, Kunze E, Stern G:** Lymphangiomyomatose mit diffusem Befall der Lungen und multiplen Angiomyolipomen der Nieren.
Beitr Pathol 147:189-200, 1972 (Ger)
ADULT/ FEMALE/ *HEMANGIOMA, complications/ HEMANGIOMA, pathology/ HUMAN/ *KIDNEY NEOPLASMS, complications/ KIDNEY NEOPLASMS, pathology/ *LIPOMA, complications/ LIPOMA, pathology/ *LUNG NEOPLASMS, complications/ LUNG NEOPLASMS, pathology/ *LYMPHANGIOMA, complications/ LYMPHANGIOMA, pathology/ *MYOMA, complications/ MYOMA, pathology/ NEOPLASMS, MULTIPLE PRIMARY

6073. **Piepgras U, Kammerer V, Nadimi B:** Die Bedeutung der fotografischen Subtraktion für die angiographische Diagnostik von Gefässmissbildungen und -geschwülsten des Halses und des Schläfenbeines.
Z Laryngol Rhinol Otol 51:533-8, Aug 72 (Ger)
ADULT/ ANGIOGRAPHY/ *ARTERIOVENOUS MALFORMATIONS, radiography/ EAR, MIDDLE/ EAR NEOPLASMS, complications/ EAR NEOPLASMS, radiography/ ENGLISH ABSTRACT/ FEMALE/ *GLOMANGIOMA, radiography/ HEMANGIOMA, complications/ *HEMANGIOMA, radiography/ HUMAN/ IMAGE ENHANCEMENT/ NEOPLASMS, radiography/ *OTORHINOLARYNGOLOGIC DISEASES, radiography/ PHOTOGRAPHY/ SKULL NEOPLASMS, radiography/ SUBTRACTION TECHNIC/ TEMPORAL BONE/ TINNITUS, etiology

6074. **Pierce JA:** More on antitrypsin.
N Engl J Med 287:1095-6, 23 Nov 72
BLOOD PROTEIN ELECTROPHORESIS/ HETEROZYGOTE/ HUMAN/ IMMUNOELECTROPHORESIS/ METABOLISM, INBORN ERRORS, blood/ METHODS/ PHENOTYPE/ *TRYPSIN INHIBITORS, blood

6075. **Pierce LE:** Disseminated intravascular coagulation.
Am Fam Physician 7:118-25, Feb 73
BLOOD CELL COUNT/ BLOOD PLATELETS/ CHRONIC DISEASE/ *DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ FEMALE/ FIBRIN/ FIBRINOGEN/ FIBRINOLYSIS/ HEPARIN, therapeutic use/ HUMAN/ LIVER CIRRHOSIS, complications/ PREGNANCY/ PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PROTHROMBIN TIME/ THROMBIN, analysis/ THROMBOPLASTIN, analysis

6076. **Piercy DW:** Reaction to killed Mycoplasma mycoides in joints in specifically sensitized calves.
J Comp Pathol 82:291-4, Jul 72
AGAR/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ CARPAL BONES/ CATTLE/ *CATTLE DISEASES, pathology/ EDEMA, complications/ FIBRIN/ HISTOLOGICAL TECHNICS/ INFLAMMATION, complications/ INJECTIONS, INTRA-ARTICULAR/ *JOINTS, pathology/ *MYCOPLASMA, pathogenicity/ MYCOPLASMA MYCOIDES, pathogenicity/ RADIUS/ SYNOVIAL FLUID/ SYNOVITIS, complications/ SYNOVITIS, microbiology/ SYNOVITIS, pathology/ *SYNOVITIS, veterinary/ TARSAL JOINT/ TIME FACTORS

6077. **Piercy DW, Bingley JB:** Fibrinous synovitis in calves inoculated with killed Mycoplasma mycoides. Elevated plasma fibrinogen concentration and increased permeability of the synovium.
J Comp Pathol 82:279-90, Jul 72
ANIMAL EXPERIMENTS/ BLOOD PROTEINS, analysis/ CALCIUM, analysis/ CATTLE/ *CATTLE DISEASES/ FIBRINOGEN, analysis/ INJECTIONS, INTRA-ARTICULAR/ MAGNESIUM, analysis/ *MYCOPLASMA, pathogenicity/ MYCOPLASMA INFECTIONS, blood/ *MYCOPLASMA INFECTIONS, veterinary/ MYCOPLASMA MYCOIDES, pathogenicity/ PERMEABILITY/ POTASSIUM, analysis/ PROTEINS, analysis/ SERUM ALBUMIN, analysis/ SERUM GLOBULINS, analysis/ SODIUM, analysis/ SPECTROPHOTOMETRY, ATOMIC ABSORPTION/ SYNOVIAL FLUID, analysis/ SYNOVIAL MEMBRANE, metabolism/ SYNOVITIS, blood/ SYNOVITIS, microbiology/ *SYNOVITIS, veterinary

6078. **Pieron R, Fernet M, Vergoz D, et al:** Syndrome hémorragique par déficit isolé en facteur Stuart au cours d'une maladie de Kahler avec amylose.
Ann Med Interne (Paris) 123:765-70, Aug-Sep 72 (Fre)
AGED/ ALBUMINURIA, etiology/ *AMYLOIDOSIS, complications/ AMYLOIDOSIS, diagnosis/ AMYLOIDOSIS, pathology/ *BENCE JONES PROTEIN, urine/ BLOOD COAGULATION TESTS/ *BONE NEOPLASMS, complications/ BONE NEOPLASMS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ECCHYMOSIS, etiology/ *FACTOR X, analysis/ FEMALE/ *FRACTURES, SPONTANEOUS/ HEMORRHAGE, GASTROINTESTINAL, etiology/ *HEMORRHAGIC DIATHESIS, etiology/ HEPATOMEGALY, etiology/ HUMAN/ HYPOPROTHROMBINEMIAS, etiology/ LIVER NEOPLASMS, diagnosis/ *MULTIPLE MYELOMA, complications/ MULTIPLE MYELOMA, diagnosis/ PAIN/ SKULL

6079. **Pierson DL, Weppner WA, Leach FR:** The effect of osmotic shocking upon Bacillus subtilis transformation.
Can J Microbiol 18:1405-15, Sep 72
AUTOLYSIS/ *BACILLUS SUBTILIS/ BACILLUS SUBTILIS, growth & development/ BACILLUS SUBTILIS, metabolism/ BACTERIAL PROTEINS, pharmacodynamics/ CHLORIDES/ CULTURE MEDIA/ DEOXYRIBONUCLEASE/ DNA, BACTERIAL, metabolism/ EDTA/ HISTIDINE, metabolism/ MAGNESIUM/ MICROPORE FILTERS/ MUTATION/ *OSMOSIS/ PRONASE/ RIBONUCLEASE/ SUCROSE, pharmacodynamics/ TIME FACTORS/ *TRANSFORMATION, GENETIC/ TRANSFORMATION, GENETIC, drug effects/ TRITIUM/ TROMETHAMINE/ TRYPSIN/ TRYPTOPHAN, metabolism

6080. **Pietrak A:** Powikłania po wielokrotnym dostawowym wstrzyknięciu hydrokortyzonu w leczeniu odosobnionych krwiaków stawów kolanowych.

Chir Narzadow Ruchu Ortop Pol 38:293-6, 1973 (Pol)
ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ *HEMATOMA, drug therapy/ HUMAN/ HYDROCORTISONE, administration & dosage/ *HYDROCORTISONE, adverse effects/ HYDROCORTISONE, therapeutic use/ INFANT/ INJECTIONS, INTRA-ARTICULAR/ MALE/ MIDDLE AGE

6081. **Pietruska Z, Stasiewicz A, Drozd J:** Zależność układu dopełniacza i jego frakcji od aktywności enzymów proteolitycznych.
Pol Tyg Lek 28:1137-41, 23 Jul 73 (Pol)
*COMPLEMENT/ ENGLISH ABSTRACT/ FIBRINOLYSIS, drug effects/ HEMOLYSIS, drug effects/ HUMAN/ INJECTIONS, INTRAVENOUS/ *PEPTIDE HYDROLASES, blood/ THEOPHYLLINE, administration & dosage/ THEOPHYLLINE, pharmacodynamics

6082. **Piggot PJ:** Mapping of asporogenous mutations of Bacillus subtilis: a minimum estimate of the number of sporeulation operons.
J Bacteriol 114:1241-53, Jun 73
ALKALINE PHOSPHATASE, metabolism/ ANTIBIOTICS, pharmacodynamics/ BACILLUS SUBTILIS, enzymology/ *BACILLUS SUBTILIS, metabolism/ CHROMOSOME MAPPING/ CHROMOSOMES, BACTERIAL/ CROSSES, GENETIC/ CYSTINE, metabolism/ GLUCOSE/ HISTIDINE, metabolism/ MUTATION/ *OPERON/ OXIDOREDUCTASES, metabolism/ PEPTIDE HYDROLASES, metabolism/ PHENOTYPE/ RECOMBINATION, GENETIC/ SPORES, BACTERIAL, metabolism/ TRANSDUCTION, GENETIC/ TRANSFORMATION, GENETIC/ TRYPTOPHAN, metabolism

6083. **Pigman W, Herp A:** Aspects biochimiques et physiologiques des glycoprotéides des sécrétions muqueuses.
Ann Anat Pathol (Paris) 17:227-50, Jul-Sep 72 (Fre)
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ CATTLE/ CHEMISTRY/ ENGLISH ABSTRACT/ *GLYCOPROTEINS, analysis/ GLYCOPROTEINS, isolation & purification/ MOLECULAR CONFORMATION/ MOLECULAR WEIGHT/ *MUCIN, analysis/ OLIGOSACCHARIDES/ PROTEIN CONFORMATION/ SALIVARY GLANDS, secretion/ SHEEP/ SOLUBILITY/ SWINE/ TRYPSIN/ VISCOSITY

6084. **Pigman W, Moschera J, Weiss M, et al:** The occurrence of repetitive glycopeptide sequences in bovine submaxillary glycoprotein.
Eur J Biochem 32:148-54, 3 Jan 73
AMINO ACIDS, analysis/ AUTOANALYSIS/ CARBOXYPEPTIDASES/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN LAYER/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ *GLYCOPEPTIDES, analysis/ HEXOSAMINES, analysis/ MACROMOLECULAR SYSTEMS/ *MUCIN, analysis/ NEURAMINIC ACIDS, analysis/ *SUBMANDIBULAR GLAND, analysis/ TRYPSIN/ ULTRACENTRIFUGATION

6085. **Pikul'skaia AF, Gul'ko SN:** K kazuistike bolezni Fishera-Ivansa. Vrach Delo 3:33-4, Mar 73 (Rus)
ADOLESCENCE/ *ANEMIA, HEMOLYTIC, AUTOIMMUNE/ AUTOANTIBODIES, analysis/ ERYTHROCYTES, immunology/ FEMALE/ HUMAN/ *LEUKOPENIA/ *PURPURA, THROMBOPENIC

6086. **Pilgeram LO, Chee AN, Von dem Bussche G:** Evidence for abnormalities in clotting and thrombolysis as a risk factor for stroke. Stroke 4:643-57, Jul-Aug 73
ADULT/ AGED/ *BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ BLOOD PROTEINS, analysis/ *CEREBRAL EMBOLISM AND THROMBOSIS, blood/ CEREBRAL EMBOLISM AND THROMBOSIS, etiology/ CEREBRAL ISCHEMIA, TRANSIENT, blood/ *CEREBRAL ISCHEMIA, TRANSIENT, etiology/ *CHOLESTEROL, blood/ FACTOR XIII, analysis/ FEMALE/ FIBRIN, analysis/ FIBRINOGEN, analysis/ HUMAN/ HYPERLIPEMIA, complications/ *LIPOPROTEINS, blood/ MALE/ MIDDLE AGE/ PLASMINOGEN, analysis/ PROGNOSIS/ PROTHROMBIN TIME/ THROMBOPLASTIN, analysis/ *TRIGLYCERIDES, blood

6087. **Pilkis SJ:** Rat hepatic glucokinase: improved purification and some properties.
Arch Biochem Biophys 149:349-60, Apr 72
AMMONIUM SULFATE/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ DIALYSIS/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, STARCH GEL/ GEL FILTRATION/ *GLUCOKINASE, isolation & purification/ GLUCOKINASE, metabolism/ HEXOKINASE, metabolism/ KINETICS/ LIVER, drug effects/ *LIVER, enzymology/ MOLECULAR WEIGHT/ POTASSIUM, pharmacodynamics/ RATS/ SACCHAROMYCES CEREVISIAE, enzymology/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SULFHYDRYL REAGENTS, pharmacodynamics/ TRYPSIN/ ULTRAFILTRATION/ UREA

6088. **Pincock RE, Lin WS:** Denaturation of -chymotrypsin in frozen aqueous solutions.
J Agric Food Chem 21:2-5, Jan-Feb 73
BINDING SITES/ *CHYMOTRYPSIN/ *FREEZING/ PROTEIN DENATURATION

6089. **Pine L, Reeves MW:** Correlation of M protein production with those factors found to influence growth and substrate utilization of Streptococcus pyogenes. Infect Immun 5:668-80, May 72
AEROBIOSIS/ ANAEROBIOSIS/ *ANTIGENS, BACTERIAL, analysis/ ARGININE, metabolism/ BACTERIAL PROTEINS, analysis/ *BACTERIAL PROTEINS, biosynthesis/ CARBOHYDRATES, metabolism/ CARBON DIOXIDE, metabolism/ CELL COUNT/ CULTURE MEDIA/ DENSITOMETRY/ FERMENTATION/ GLUCOSE, metabolism/ KINETICS/ LACTATES, biosynthesis/ PEPTIDE HYDROLASES, biosynthesis/ PLANT EXTRACTS/ STARCH/ STREPTOCOCCUS PYOGENES, analysis/ STREPTOCOCCUS PYOGENES, growth & development/ *STREPTOCOCCUS PYOGENES, metabolism/ YEASTS

6090. **Pine MJ:** Turnover of intracellular proteins.
Annu Rev Microbiol 26:103-26, 1972 (201 ref.)
AMINO ACIDS, metabolism/ BACTERIA, enzymology/ BACTERIA, growth & development/ BACTERIA, metabolism/ BACTERIAL PROTEINS, metabolism/ CELL DIVISION/ CELL MEMBRANE, metabolism/ CELL NUCLEUS, metabolism/ *CELLS, metabolism/ CELLS, CULTURED, metabolism/ ESCHERICHIA COLI, growth & development/ ESCHERICHIA COLI, metabolism/ HALF-LIFE/ HEAT/ LIVER/ MITOCHONDRIA, metabolism/ PEPTIDE HYDROLASES, metabolism/ PEPTIDES, metabolism/ PROTEIN DENATURATION/ *PROTEINS, metabolism/ RADIOISOTOPES/ RATS/ REVIEW/ RIBOSOMES, metabolism/ RNA, BACTERIAL, metabolism/ SPORES, BACTERIAL, growth & development

6091. **Pinedo HM, Putte LB van de, Loeliger EA:** Salicylate-induced consumption coagulopathy.
Ann Rheum Dis 32:66-8, Jan 73
ADOLESCENCE/ ALANINE AMINOTRANSFERASE, blood/ ARTHRITIS, JUVENILE RHEUMATOID, drug therapy/ ASPARTATE AMINOTRANSFERASE, blood/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD SEDIMENTATION/ *DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FIBRINOGEN/ HEPATITIS, TOXIC, complications/ HUMAN/ LACTATE DEHYDROGENASE, blood/ MALE/ *SALICYLATES, adverse effects/ SALICYLATES, blood

6092. **Pineo GF, Regoeczi E, Hatton MW, et al:** The activation of coagulation by extracts of mucus: a possible pathway of intravascular coagulation accompanying adenocarcinomas. J Lab Clin Med 82:255-66, Aug 73
ANIMAL EXPERIMENTS/ ARGININE, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ BRAIN CHEMISTRY/ BRONCHI/ *CARCINOMA, MUCINOUS, complications/ CHRISTMAS DISEASE, blood/ COMPARATIVE STUDY/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ESTERASES, pharmacodynamics/ FACTOR V DEFICIENCY, blood/ FACTOR VII/ FACTOR X, pharmacodynamics/ FIBRINOGEN, pharmacodynamics/ HUMAN/ HYPOPROCONVERTINEMIA, blood/ HYPOPROTHROMBINEMIAS, blood/ KAOLIN/ *MUCIN, pharmacodynamics/ MUCUS, analysis/ MUCUS, secretion/ MURAMIDASE, pharmacodynamics/ PHOSPHOLIPIDS, pharmacodynamics/ PRECIPITATION/ PROTHROMBIN/ RABBITS/ THROMBOPLASTIN/ TIME FACTORS/ VENOMS, pharmacodynamics

6093. **Pinerua RF, Woolcock AJ, Green W, et al:** Pulmonary function in alpha 1 -antitrypsin deficiency. Aust NZ J Med 2:159-67, May 72
ADOLESCENCE/ ADULT/ BRONCHITIS, physiopathology/ *DEFICIENCY DISEASES, complications/ FEMALE/ HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ *LUNG, physiopathology/ LUNG DISEASES, OBSTRUCTIVE, enzymology/ LUNG DISEASES, OBSTRUCTIVE, familial & genetic/ *LUNG DISEASES, OBSTRUCTIVE, physiopathology/ MALE/ MIDDLE AGE/ PEDIGREE/ PULMONARY EMPHYSEMA, physiopathology/ RESPIRATORY FUNCTION TESTS/ SPIROMETRY/ *TRYPSIN INHIBITORS, blood

6094. **Pinsker MC, Mintz B:** Change in cell-surface glycoproteins of mouse embryos before implantation. Proc Natl Acad Sci USA 70:1645-8, Jun 73
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CELL MEMBRANE, analysis/ CELL MEMBRANE, drug effects/ *EMBRYO, analysis/ EMBRYO, cytology/ FEMALE/ FERTILIZATION/ GEL FILTRATION/ GLUCOSAMINE, metabolism/ *GLYCOPROTEINS, analysis/ GLYCOPROTEINS, biosynthesis/ GLYCOPROTEINS, isolation & purification/ MICE/ *NIDATION/ PREGNANCY/ PRONASE, pharmacodynamics/ TISSUE CULTURE/ TRITIUM/ TRYPSIN, pharmacodynamics

6095. **Pinto W de C:** Complications of the surgical treatment of scoliosis. Isr J Med Sci 9:837-46, Jun 73
ARTERIAL OCCLUSIVE DISEASES/ CASTS, SURGICAL, adverse effects/ FEMALE/ HEMATOMA, etiology/ HUMAN/ MALE/ NERVOUS SYSTEM DISEASES/ PARAPLEGIA, etiology/ *POSTOPERATIVE COMPLICATIONS/ RESPIRATORY INSUFFICIENCY, etiology/ *SCOLIOSIS, surgery/ SHOCK, SURGICAL/ SPINAL FUSION/ SURGICAL WOUND INFECTION, etiology/ TRACTION, adverse effects

6096. **Piotrovich AK:** Ob izmeneniiakh v sisteme svertyvaniia krovi pri briushnom tifei paratife V u detei. Vopr Okhr Materin Det 17:84-5, Sep 72 (Rus)
*BLOOD COAGULATION DISORDERS, etiology/ CHILD/ HUMAN/ PARATYPHOID FEVERS, blood/ *TYPHOID, blood

6097. **Piperno JR, Kallen RG:** Evidence for multiple forms of DNA polymerase in Hodgkin's disease. Cancer Res 33:838-42, Apr 73
CHROMATOGRAPHY, DEAE-CELLULOSE/ *DNA NUCLEOTIDYL- TRANSFERASES, metabolism/ GEL FILTRATION/ HEPARIN/ *HODGKIN'S DISEASE, enzymology/ HUMAN/ *LYMPH NODES, enzymology/ MAGNESIUM/ POTASSIUM/ SODIUM/ *SPLEEN, enzymology/ TRITIUM

6098. **Pire JC, Potron G, Lardennois B, et al:** Accident transfusionnel par incompatibilité A.B.O. Traitement héparinique.
Rev Fr Transfus 15:331-5, Dec 72 (Fre)
ABDOMINAL INJURIES, complications/ *ABO FACTORS/ ADULT/ ANESTHESIA, GENERAL/ *BLOOD GROUP INCOMPATIBILITY/ *BLOOD TRANSFUSION, adverse effects/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, analysis/ HEMORRHAGE, drug therapy/ HEMORRHAGE, etiology/ HEMOSTASIS/ HEPARIN, therapeutic use/ HUMAN/ HYPOTENSION, therapy/ SUICIDE

6099. **Pire JC, Potron G, Lardennois B, et al:** Accident transfusionnel par incompatibilitè A.B.O. Traitement hèparinique.
Rev Fr Transfus 15:331-5, Sep 72 (Fre)
ADULT/ *BLOOD GROUP INCOMPATIBILITY/ *BLOOD TRANSFUSION, adverse effects/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN

6100. **Piruzian LA, Rozenfel'd MA, Khavkina LS, et al:** Issledovanie vzaimodeĭstviia geparina s belkami krovi metodom mikrokalorimetrii.
Izv Akad Nauk SSSR [Biol] 2:277-80, Mar-Apr 73 (Rus)
*BLOOD PROTEINS/ CALORIMETRY/ ENGLISH ABSTRACT/ *HEPARIN/ HYDROGEN-ION CONCENTRATION/ METHODS/ RATS

6101. **Pîrvulescu P, Unteanu G, Berteanu G:** Bronşita cronică (consideraţii pe marginea unei cazuistici de spital.
Ftiziologia 21:297-309, May-Jun 72 (Rum)
ADULT/ AGE FACTORS/ AGED/ AIR POLLUTION/ ANTIBIOTICS, therapeutic use/ BRONCHITIS, complications/ BRONCHITIS, etiology/ *BRONCHITIS, occurrence/ BRONCHITIS, therapy/ BRONCHODILATOR AGENTS, therapeutic use/ CHRONIC DISEASE/ COUGH, etiology/ DYSPNEA, etiology/ ENGLISH ABSTRACT/ FEVER, etiology/ HUMAN/ HYDROCORTISONE, therapeutic use/ MIDDLE AGE/ OCCUPATIONS/ RUMANIA/ SMOKING, complications/ TRYPSIN, therapeutic use

6102. **Pisano JJ, Bronzert TJ, Peyton MP, et al:** Epsilon-(gamma-glutamyl) lysine cross-links: determination in fibrin from normal and factor XIII-deficient individuals.
Ann NY Acad Sci 202:98-113, 8 Dec 72
ALKYLATION/ BLOOD COAGULATION/ BLOOD PLATELETS, analysis/ CHEMISTRY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FACTOR XIII/ *FACTOR XIII DEFICIENCY, blood/ FEMALE/ *FIBRIN, analysis/ FIBRINOGEN/ *GLUTAMINE, analysis/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *LYSINE, analysis/ MACACA/ MONKEYS/ PEPTIDES, analysis/ PLASMA, analysis/ PROTEIN CONFORMATION/ SODIUM DODECYL SULFATE/ SOLUBILITY/ SPECIES SPECIFICITY/ TRYPSIN

6103. **Pisareva LN, Ivanova GI:** Sootnoshenie aktivatsii i tormozheniia fermentativnoĭ aktivnosti Na, K-ATFazy pri vzaimodeĭstvii ee s gistonami.
Tsitologiia 14:975-80, Aug 72 (Rus)
*ADENOSINE TRIPHOSPHATASE/ ADENOSINE TRIPHOSPHATASE, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ ARGININE/ CASEIN/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ GUINEA PIGS/ *HISTONES/ IN VITRO/ KIDNEY CORTEX, enzymology/ LYSINE/ POTASSIUM/ PROTAMINES/ SODIUM/ THORIUM

6104. **Pitcher PM:** Rapid latex-screening test for urine F.D.P.
Lancet 1:1319-20, 9 Jun 73
FIBRINOGEN, metabolism/ *FIBRINOGEN, urine/ HUMAN/ KIDNEY, transplantation/

*LATEX FIXATION TESTS/ METHODS/ TRANSPLANTATION, HOMOLOGOUS

6105. **Pitcher PM:** The detection of fibrinogen degradation products (FDP) in serum and urine.
Can J Med Technol 34:166-78, Oct 72
CHEMISTRY/ COMPARATIVE STUDY/ *FIBRINOGEN, analysis/ FIBRINOGEN, urine/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ KIDNEY, transplantation/ LATEX FIXATION TESTS/ THROMBOSIS, blood/ TRANSPLANTATION, HOMOLOGOUS

6106. **Pitner SE, Johnson WW:** Chronic subdural hematoma in childhood acute leukemia. Cancer 32:185-90, Jul 73
AUTOPSY/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ FEMALE/ *HEMATOMA, SUBDURAL, complications/ HUMAN/ INFANT/ LEUKEMIA, LYMPHOBLASTIC, cerebrospinal fluid/ *LEUKEMIA, LYMPHOBLASTIC, complications/ MALE/ MENINGES/ NEUROLOGIC MANIFESTATIONS/ THROMBOPENIA, complications

6107. **Pitney WR:** Von Willebrand's disease.
Aust NZ J Med 3:305-6, Jun 73
FACTOR VIII, biosynthesis/ GENES/ HUMAN/ PLATELET ADHESIVENESS, drug effects/ RISTOCETIN, pharmacodynamics/ SEX CHROMOSOMES/ *VON WILLEBRAND'S DISEASE/ VON WILLEBRAND'S DISEASE, blood/ VON WILLEBRAND'S DISEASE, familial & genetic/ VON WILLEBRAND'S DISEASE, physiopathology

6108. **Pituch A:** Rola leukocytów w reakcji Sanarelli-Shwartzman. Przegl Lek 29:840-1, 1972 **(Pol)**
ANIMAL EXPERIMENTS/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ HUMAN/ *LEUKOCYTES/ RATS/ *SHWARTZMAN PHENOMENON, blood

6109. **Pitzele S, Sze S, Dobell AR:** Inhibition of serotonin-induced blood cell aggregation in the dog.
Surgery 73:416-22, Mar 73
ANIMAL EXPERIMENTS/ *BLOOD CELLS, drug effects/ BLOOD PLATELETS, drug effects/ *CYPROHEPTADINE, pharmacodynamics/ DOGS/ HEMATOCRIT/ *METHYSERGIDE, pharmacodynamics/ SEROTONIN, antagonists & inhibitors/ *SEROTONIN, pharmacodynamics

6110. **Pizzo SV, Schwartz ML, Hill RL, et al:** Mechanism of ancrod anticoagulation. A direct proteolytic effect on fibrin. J Clin Invest 51:2841-50, Nov 72
*ANTICOAGULANTS, pharmacodynamics/ BINDING SITES/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FACTOR XIII/ *FIBRIN/ FIBRIN, analysis/ FIBRINOGEN, metabolism/ FIBRINOLYSIN, pharmacodynamics/ FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, pharmacodynamics/ HUMAN/ *PEPTIDE HYDROLASES, pharmacodynamics/ PLASMINOGEN, pharmacodynamics/ THROMBIN, metabolism/ *VENOMS, pharmacodynamics

6111. **Pizzo SV, Schwartz ML, Hill RL, et al:** The effect of plasmin on the subunit structure of human fibrin.
J Biol Chem 248:4574-83, 10 Jul 73
CHEMISTRY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRIN/ FIBRIN, analysis/ *FIBRINOLYSIN/ FIBRINOLYSIN, analysis/ GEL FILTRATION/ HUMAN/ MACROMOLECULAR SYSTEMS/ MODELS, CHEMICAL/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ SODIUM DODECYL SULFATE/ SPECTROPHOTOMETRY, ULTRAVIOLET

6112. **Pizzo SV, Taylor LM Jr, Schwartz ML, et al:** Subunit structure of fragment D from fibrinogen and cross-linked fibrin. J Biol Chem 248:4584-90, 10 Jul 73
CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FACTOR XIII/ *FIBRIN, analysis/ *FIBRINOGEN, analysis/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HUMAN/ MACROMOLECULAR SYSTEMS/ MERCAPTOETHANOL/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ PROTEIN CONFORMATION/ SODIUM DODECYL SULFATE/ SOY BEANS/ TRYPSIN INHIBITORS

6113. **Plas PM van der, Kraan L, Hemker HC:** Filipin as a tool for the study of blood coagulation reactions.
Thromb Diath Haemorrh 27:584-93, 31 Jul 72
*ALKENES, pharmacodynamics/ AMPHOTERICIN B, pharmacodynamics/ *ANTIBIOTICS, pharmacodynamics/ ANTIBIOTICS, ANTIFUNGAL, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ CHOLESTEROL, pharmacodynamics/ CLOT RETRACTION/ FATTY ACIDS, UNSATURATED, pharmacodynamics/ FIBRIN, metabolism/ FIBRINOGEN, metabolism/ FMN, pharmacodynamics/ GLYCOSIDES, pharmacodynamics/ HUMAN/ LACTONES, pharmacodynamics/ LIGHT/ NYSTATIN, pharmacodynamics/ PIMARICIN, pharmacodynamics/ PROTHROMBIN TIME/ THROMBIN, metabolism/ THROMBOPLASTIN, metabolism

6114. **Platonov AL, Tsaplina IA, Egorova LA, et al:** Termogenez v protsesse rosta termofil'nogo shtamma Bacillus brevis i sinteza im proteazy.
Mikrobiologiia 41:633-8, Jul-Aug 72 **(Rus)**
AEROBIOSIS/ BACILLUS, enzymology/ *BACILLUS, growth & development/ CALORIMETRY/ CULTURE MEDIA/ ENGLISH ABSTRACT/ *HEAT/ *PEPTIDE HYDROLASES, biosynthesis

6115. **Platt D:** Tierexperimentelle Untersuchungen zur Frage der Beeinflussbarkeit lysosomaler Enzyme durch Trasylol.
Arzneim Forsch 22:1486-7, Sep 72 **(Ger)**
ANIMAL EXPERIMENTS/ CATHEPSIN, metabolism/ ENGLISH ABSTRACT/ GLUCOSAMINIDASE, metabolism/ GLUCURONIDASE, metabolism/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ LIVER, enzymology/ LYSOSOMES, drug effects/ *LYSOSOMES, enzymology/ MALE/ RATS

6116. **Platt D:** Aktivitätsmessungen einer Peptidyl-Peptid-Hydrolase in Leber und Uterus der Ratte nach Gabe von Athinylöstradiol-Norgestrel.
Arzneim Forsch 22:1199-201, Jul 72 **(Ger)**
ANIMAL EXPERIMENTS/ CENTRIFUGATION/ DNA, metabolism/ ENGLISH ABSTRACT/ *ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ LIVER, cytology/ LIVER, drug effects/ *LIVER, enzymology/ LYSOSOMES, enzymology/ *NORGESTREL, pharmacodynamics/ *PEPTIDE PEPTIDOHYDROLASES, analysis/ PROTEINS, metabolism/ RATS/ RATS, INBRED STRAINS/ UTERUS, drug effects/ *UTERUS, enzymology

6117. **Platt D, Hering F:** Aktivitätsmessungen lysosomaler Enzyme in durch Diäthylnitrosamin erzeugten Lebertumoren und ihre Beeinflussung durch Calciparin--ein Beitrag zur Frage des expansiven Tumorwachstums.
Verh Dtsch Ges Inn Med 78:162-3, 1972 **(Ger)**
ANIMAL EXPERIMENTS/ HEPARIN/ LIVER NEOPLASMS, chemically induced/ *LIVER NEOPLASMS, enzymology/ *LYSOSOMES, enzymology/ NEOPLASMS, EXPERIMENTAL, enzymology/ NITROSAMINES/ RATS

6118. **Platt T, Files JG, Weber K:** Lac repressor. Specific proteolytic destruction of the NH 2 -terminal region and loss of the deoxyribonucleic acid-binding activity.
J Biol Chem 248:110-21, 10 Jan 73
AMINO ACID SEQUENCE/ *BACTERIAL PROTEINS/ BACTERIAL PROTEINS, analysis/ BACTERIAL PROTEINS, isolation & purification/ BINDING SITES/ CARBON ISOTOPES/ CARBOXYPEPTIDASES/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ *DNA, BACTERIAL/

*ESCHERICHIA COLI/ GALACTOSE/ *GENES, REGULATOR/ GLYCOSIDES/ *LACTOSE/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ OPERON/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PROTEIN BINDING/ PROTEIN DENATURATION/ SUBTILISINS/ SULFIDES/ TRYPSIN

6119. **Plattner G, Oxorn H:** Familial incidence of ovarian dermoid cysts. Can Med Assoc J 108:892-3, 7 Apr 73
ADULT/ DERMOID CYST, complications/ DERMOID CYST, diagnosis/ *DERMOID CYST, familial & genetic/ DERMOID CYST, surgery/ FEMALE/ HEMATOMA, complications/ HUMAN/ OVARIAN NEOPLASMS, complications/ OVARIAN NEOPLASMS, diagnosis/ *OVARIAN NEOPLASMS, familial & genetic/ OVARIAN NEOPLASMS, surgery/ RECTAL NEOPLASMS, complications

6120. **Platzer KE, Momany FA, Scheraga HA:** Conformational energy calculations of enzyme-substrate interactions. I. Computation of preferred conformations of some substrates of -chymotrypsin.
Int J Protein Res 4:187-200, 1972
*CHYMOTRYPSIN/ PHENYLALANINE/ *PROTEIN CONFORMATION/ TRYPTOPHAN/ TYROSINE

6121. **Platzer KE, Momany FA, Scheraga HA:** Conformational energy calculations of enzyme-substrate interactions. II. Computation of the binding energy for substrates in the active site of -chymotrypsin.
Int J Protein Res 4:201-19, 1972
*BINDING SITES/ *CHYMOTRYPSIN/ PHENYLALANINE/ *PROTEIN BINDING/ *PROTEIN CONFORMATION/ TRYPTOPHAN/ X-RAY DIFFRACTION

6122. **Pleet AB:** "Shock lung" syndrome following diabetic ketoacidosis; treatment with heparin.
Chest 63:434-6, Mar 73
*ACIDOSIS, DIABETIC, complications/ ADULT/ AUTOPSY/ CASE REPORT/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *HEPARIN, therapeutic use/ HUMAN/ LUNG, pathology/ MALE/ PULMONARY EDEMA, drug therapy/ *PULMONARY EDEMA, etiology/ PULMONARY EDEMA, pathology/ *RESPIRATORY INSUFFICIENCY, etiology/ *SHOCK, complications/ THROMBOSIS, drug therapy/ *THROMBOSIS, etiology/ THROMBOSIS, pathology

6123. **Plenk H Jr, Hollmann K, Wilfert KH:** Experimental bridging of osseous defects in rats by the implantation of Kiel bone containing fresh autologous marrow.
J Bone Joint Surg [Br] 54:735-43, Nov 72
ANIMAL EXPERIMENTS/ ANTIBIOTICS, therapeutic use/ *BONE AND BONES, transplantation/ *BONE MARROW CELLS, transplantation/ FEMALE/ HEPARIN, therapeutic use/ *ILIUM, surgery/ MALE/ OSTEOBLASTS/ OSTEOCLASTS/ *OSTEOGENESIS/ RATS/ TRANSPLANTATION, AUTOLOGOUS

6124. **Plenk H Jr, Rudas B, Waechter R:** Evidence of alveolar bone loss in rats fed an atherogenic diet.
J Periodont Res 8:106-15, 1973
*ALVEOLAR PROCESS/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ BONE DEVELOPMENT/ *BONE RESORPTION/ *DIET, ATHEROGENIC/ LIPIDS, blood/ OSTEOCLASTS/ OSTEOMALACIA/ RATS

6125. **Plot JC, Sotty M:** Le traitement thrombolytique des embolies pulmonaires graves.
Cah Med 14:357-60, May 73 (Fre)
ACUTE DISEASE/ *FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ METHODS/ MIDDLE AGE/ *PULMONARY EMBOLISM, drug therapy/ STREPTOKINASE, therapeutic use

6126. **Plotkin RIu:** Svertyvaiushchaia sistema krovi pri kal'kuleznom pielonefrite.
Vrach Delo 8:55-7, Aug 72 (Rus)
*BLOOD COAGULATION DISORDERS, etiology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *KIDNEY CALCULI, blood/ KIDNEY CALCULI, complications/ MALE/ *PYELONEPHRITIS, blood/ PYELONEPHRITIS, complications

6127. **Plow E, Edgington TS:** Immunobiology of fibrinogen. Emergence of neoantigenic expressions during physiologic cleavage in vitro and in vivo.
J Clin Invest 52:273-82, Feb 73
*ANTIGENIC DETERMINANTS/ CHROMATOGRAPHY, DEAE-CELLULOSE/ *FIBRINOGEN, metabolism/ FIBRINOLYSIN/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HUMAN/ IMMUNOELECTROPHORESIS/ IODINE ISOTOPES/ MOLECULAR WEIGHT/ RABBITS, immunology/ RADIOIMMUNOASSAY

6128. **Plow EF, Edgington TS:** Discriminating neoantigenic differences between fibrinogen and fibrin derivatives. Proc Natl Acad Sci USA 70:1169-73, Apr 73
ABRUPTIO PLACENTAE, blood/ ADENOCARCINOMA, blood/ *ANTIGENIC DETERMINANTS/ BINDING, COMPETITIVE/ *BINDING SITES, ANTIBODY/ BLOOD COAGULATION DISORDERS, blood/ FEMALE/ *FIBRIN/ *FIBRINOGEN/ FIBRINOLYSIN/ FIBRINOLYSIS/ HUMAN/ IMMUNE SERUMS/ IODINE ISOTOPES/ KIDNEY FAILURE, ACUTE, blood/ MELANOMA, blood/ MENINGOCOCCAL INFECTIONS, blood/ PERITONITIS, blood/ PREGNANCY/ PROSTATIC NEOPLASMS, blood/ RADIOIMMUNOASSAY/ STRUCTURE-ACTIVITY RELATIONSHIP

6129. **Plumlee JE:** Operating-room flash fire from use of cautery after aerosol spray: a case report.
Anesth Analg (Cleve) 52:202-3, Mar 73
ADULT/ AEROSOLS/ *BENZOIN/ CASE REPORT/ *CAUTERY/ FEMALE/ *FIRES/ HEMOSTASIS/ HUMAN/ *OPERATING ROOMS

6130. **Poberai M, Sávay G, Csillik B:** Function-dependent proteinase activity in the neuromuscular synapse.
Neurobiology 2:1-7, 1972
AMINOPEPTIDASES, metabolism/ ANIMAL EXPERIMENTS/ AXOPLASMIC FLOW/ ELECTRIC STIMULATION/ FEMALE/ GELATIN/ HISTOCYTOCHEMISTRY/ LEUCINE/ MALE/ MUSCLES, enzymology/ NEOSTIGMINE, pharmacodynamics/ NERVE TISSUE PROTEINS, metabolism/ *NEURAL TRANSMISSION/ NEUROMUSCULAR JUNCTION, drug effects/ *NEUROMUSCULAR JUNCTION, enzymology/ *PEPTIDE HYDROLASES, metabolism/ RATS/ SCIATIC NERVE, enzymology/ STIMULATION, CHEMICAL/ *SYNAPSES, enzymology

6131. **Pochedly C, Ente G:** Adverse hematologic effects of drugs.
Pediatr Clin North Am 19:1095-111, Nov 72 (76 ref.)
ANEMIA, HEMOLYTIC, chemically induced/ ANEMIA, MACROCYTIC, chemically induced/ ANTIBIOTICS, adverse effects/ ANTICONVULSANTS, adverse effects/ ANTIDEPRESSIVE AGENTS, adverse effects/ ANTIHISTAMINICS, adverse effects/ ASPIRIN, adverse effects/ BLOOD PLATELET DISORDERS, chemically induced/ DIPHENYLHYDANTOIN, adverse effects/ *DRUGS, adverse effects/ FEMALE/ GLUCOSEPHOSPHATE DEHY- DROGENASE DEFICIENCY, chemically induced/ *HEMATOLOGIC DISEASES, chemically induced/ HEMATOPOIESIS, drug effects/ HUMAN/ HYPNOTICS AND SEDATIVES, adverse effects/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, chemically induced/ PHENOBARBITAL, adverse effects/ PREGNANCY/ PRIMIDONE, adverse effects/ REVIEW/ SERUM SICKNESS, chemically induced/ SPLENOMEGALY, chemically induced/ THROMBOPENIA, chemically induced/ THROMBOPENIA, immunology/ TRANQUILIZING AGENTS, adverse effects

6132. **Pochedly CE:** Acute leukemia: the most protean

disease of childhood.
Am Fam Physician 7:84-91, Jun 73
ACUTE DISEASE/ ANEMIA, APLASTIC, diagnosis/ BACTERIAL INFECTIONS, diagnosis/ BONE MARROW EXAMINATION/ BRAIN NEOPLASMS, diagnosis/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ INFECTIOUS MONONUCLEOSIS, diagnosis/ LETTERER-SIWE DISEASE, diagnosis/ *LEUKEMIA, diagnosis/ LEUKEMOID REACTION, diagnosis/ LEUKOCYTE COUNT/ LEUKOPENIA, complications/ LYMPHOCYTOSIS, diagnosis/ LYMPHOSARCOMA, diagnosis/ MENINGITIS, diagnosis/ NEUROBLASTOMA, diagnosis/ PURPURA, THROMBOPENIC, diagnosis/ SPLENOMEGALY, complications/ VIRUS DISEASES, diagnosis

6133. **Podliashchuk EL, Burdianskaia EI, Rassokhin BM:** Otdalennye posledstviia korotkodistantsionnoi rentgenoterapii gemangiom u detei.
Med Radiol (Mosk) 17:41-8, Sep 72 (Rus)
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ *EXTREMITIES/ *FACIAL NEOPLASMS, radiotherapy/ FEMALE/ FOLLOW-UP STUDIES/ *HEMANGIOMA, radiotherapy/ HUMAN/ INFANT/ *LARYNGEAL NEOPLASMS, radiotherapy/ MALE/ *RADIATION INJURIES/ *RADIOTHERAPY, adverse effects

6134. **Podliashuk EL:** Razvitie angiosarkomy visochnoĭ oblasti posle rentgenoterapii gemangiomy.
Med Radiol (Mosk) 17:26-30, May 72 (Rus)
ADOLESCENCE/ *ANGIOSARCOMA, etiology/ ANGIOSARCOMA, radiotherapy/ CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ *FACIAL NEOPLASMS, etiology/ FACIAL NEOPLASMS, radiotherapy/ FEMALE/ *HEMANGIOMA, radiotherapy/ HUMAN/ INFANT/ *NEOPLASMS, RADIATION-INDUCED/ *RADIOTHERAPY, adverse effects/ *SKIN NEOPLASMS, radiotherapy

6135. **Podolsak B:** Thrombopoiesis in newborn infants after exchange blood transfusion.
Z Kinderheilkd 114:13-26, 22 Jan 73
BLOOD GROUP INCOMPATIBILITY, complications/ *BLOOD PLATELETS/ *EXCHANGE TRANSFUSION/ *HEMATOPOIESIS/ HUMAN/ HYPERBILIRUBINEMIA, complications/ HYPERBILIRUBINEMIA, therapy/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, therapy/ JAUNDICE, NEONATAL, therapy/ TIME FACTORS

6136. **Podolsak B:** Die spontane, standardisierte Thrombozytenadhesion und-aggregation in der Zahlkammer.
Acta Haematol (Basel) 49:96-107, 1973 (Ger)
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CHILD/ FEMALE/ HEMATOCRIT/ HEPATITIS, blood/ HUMAN/ MALE/ MUSCULAR DYSTROPHY, blood/ *PLATELET ADHESIVENESS/ RABBITS/ SILICONES/ THROMBOPENIA, blood

6137. **Podol'skaia OV, Shklovskii VM:** Ob osobennostiakh nefermentativnoi fibrinoliticheskoi aktivnosti i obrazovaniia kompleksov adrenalin-geparin i noradrenalin-geparin v krovi bol'nykh logonevrozom.
Zh Nevropatol Psikhiatr 73:711-5, 1973 (Rus)
ADULT/ BLOOD COAGULATION/ ELECTROPHORESIS, PAPER/ ENGLISH ABSTRACT/ *EPINEPHRINE, blood/ FIBRIN, analysis/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ GALVANIC SKIN RESPONSE/ *HEPARIN, blood/ HUMAN/ *NEUROSES, blood/ *NOREPINEPHRINE, blood/ *SPEECH DISORDERS, blood/ STUTTERING, blood/ THROMBELASTOGRAPHY

6138. **Pogosov VS, Savchenko AP, Akipian RG:** Litsevaia angiografiia pri novoobrazovaniiakh LORorganov.
Vestn Otorinolaringol 34:62-8, Jul-May 73 (Rus)
ADOLESCENCE/ ADULT/ *ANGIOGRAPHY/ *ANGIOMA, SCLEROSING, radiography/ CHILD/ ENGLISH ABSTRACT/ FACE, blood supply/ *FACIAL NEOPLASMS, radiography/ FEMALE/ *HEMANGIOMA, radiography/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ *NASOPHARYNGEAL NEOPLASMS, radiography/ NEOPLASMS, radiography/ *OTORHINOLARYNGOLOGIC DISEASES, radiography

6139. **Pohl A, Moser K:** Der Einfluss herzwirksamer Pharmaka auf Membranstoffwechsel und -permeabilität.
Arzneim Forsch 22:2049-53, Dec 72 (Ger)
ACYLTRANSFERASES, antagonists & inhibitors/ ADRENERGIC BETA RECEPTOR BLOCKADERS, pharmacodynamics/ AMINO ALCOHOLS, pharmacodynamics/ BINDING, COMPETITIVE/ BIOGENIC AMINES, metabolism/ BIOLOGICAL TRANSPORT, drug effects/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ *CELL MEMBRANE, drug effects/ CELL MEMBRANE, metabolism/ *CELL MEMBRANE PERMEABILITY, drug effects/ ENGLISH ABSTRACT/ EPINEPHRINE, metabolism/ ERYTHROCYTES, drug effects/ ERYTHROCYTES, enzymology/ HUMAN/ *MYOCARDIAL DEPRESSANTS, pharmacodynamics/ PHOSPHATES, metabolism/ PHOSPHOLIPASE, antagonists & inhibitors/ PHOSPHOLIPIDS, metabolism/ PROPIOPHENONES, pharmacodynamics/ PROPYLAMINES, pharmacodynamics/ SYMPATHOMIMETICS, pharmacodynamics/ TYRAMINE, metabolism/ *VASODILATOR AGENTS, pharmacodynamics

6140. **Pohl FM:** Cooperative conformational changes in globular proteins.
Angew Chem [Engl] 11:894-6, Oct 72 (113 ref.)
AMINO ACID SEQUENCE/ CHYMOTRYPSIN/ ENERGY TRANSFER/ *GLOBULINS/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MATHEMATICS/ MODELS, CHEMICAL/ OPTICAL ROTATORY DISPERSION/ PEPTIDES, analysis/ *PROTEIN CONFORMATION/ REVIEW/ SOLVENTS/ TEMPERATURE/ THERMODYNAMICS

6141. **Pohlenz O, Seitz D, Vogel H:** Die Bedeutung der Kamera-Serien- und Spätszintigraphie für die Diagnostik cerebraler arteriovenöser Angiome.
Z Neurol 203:31-49, 1972 (Ger)
ADOLESCENCE/ ADULT/ AGED/ *BRAIN NEOPLASMS, diagnosis/ BRAIN NEOPLASMS, radiography/ CEREBRAL ANGIOGRAPHY/ *CEREBRAL ARTERIOVENOUS MALFORMATIONS, diagnosis/ CEREBRAL ARTERIOVENOUS MALFORMATIONS, radiography/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, diagnosis/ HEMANGIOMA, radiography/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ *RADIOISOTOPE SCANNING/ TECHNETIUM/ TIME FACTORS

6142. **Pöhler H, Zipfel K:** Ein kasuistischer Beitrag zum CRST-Syndrome. (Calcinosis cutis, Raynaud-Phänomen, Sklerodaktylie, Teleangiektasien.
Dermatol Monatsschr 158:660-5, Sep 72 (Ger)
ACRODERMATITIS, complications/ ANTITHROMBIN, blood/ *CALCINOSIS, complications/ ENGLISH ABSTRACT/ FEMALE/ FINGER JOINT/ HUMAN/ MIDDLE AGE/ *RAYNAUD'S DISEASE, complications/ *SKIN DISEASES, complications/ SYNDROME/ *TELANGIECTASIA, HEREDITARY HEMORRHAGIC, complications

6143. **Poilleux J:** Réflexions sur les accidents des artériographies percutanées rétrogrades. A propos de 23 observations. Lyon Chir 68:455-6, Nov-Dec 72 (Fre)
*ANEURYSM, etiology/ *ANGIOGRAPHY, adverse effects/ *ARTERIES, injuries/ *HEMATOMA, etiology/ HUMAN/ *THROMBOSIS, etiology

6144. **Pois AJ, Katzman L, Weston CB, et al:** Longterm support with a membrane lung. Chest 62:690-3, Dec 72
ADULT/ ANTICOAGULANTS, therapeutic use/ BLOOD PRESSURE/ CASE REPORT/ FEMALE/ *HEART, MECHANICAL/ HUMAN/ LEUKEMIA, MYELOBLASTIC, complications/ LEUKEMIA, MYELOBLASTIC, diagnosis/ *MEMBRANES, ARTIFICIAL/ OXYGEN, blood/ OXYGENATORS, MEMBRANE/ PERFUSION/ PREGNANCY/ PREGNANCY COMPLICATIONS, INFECTIOUS/ *RESPIRATORY INSUFFICIENCY/ RESPIRATORY TRACT INFECTIONS, physiopathology/ RESPIRATORY TRACT INFECTIONS, radiography/ *RESPIRATORY TRACT INFECTIONS, therapy

6145. **Poitras B, Guy R:** Tumeurs et affections pseudo-tumorales de la membrane synoviale: classification et revue de la littérature.
Union Med Can 101:2690-4, Dec 72 (Fre)
CHONDROMA/ CHONDROSARCOMA/ ENGLISH ABSTRACT/ FIBROMA/ HEMANGIOMA/ HUMAN/ *JOINT DISEASES, classification/ LIPOMA/ SYNOVIAL CYST, classification/ *SYNOVIAL MEMBRANE/ *SYNOVIOMA, classification/ SYNOVITIS, classification

6146. **Pojda S:** Zużycie tlenu przez izolowaną siatkówkę szczura karmionego dietą miażdżycorodną.
Klin Oczna 43:711-4, Jun 73 (Pol)
ANIMAL EXPERIMENTS/ *ARTERIOSCLEROSIS, metabolism/ DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ FEMALE/ *OXYGEN CONSUMPTION/ RATS/ RATS, INBRED STRAINS/ *RETINA, metabolism/ TIME FACTORS

6147. **Pola V:** K otáze imunohemofilie.
Vnitr Lek 18:887-92, Sep 72 (Cze)
ADULT/ ANTIBODY FORMATION/ BLOOD COAGULATION FACTORS/ ENGLISH ABSTRACT/ *HEMOPHILIA, immunology/ HUMAN/ MALE

6148. **Polak BC, Wesseling H, Schut D, et al:** Blood dyscrasias attributed to chloramphenicol. A review of 576 published and unpublished cases.
Acta Med Scand 192:409-14, Nov 72
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ AGRANULOCYTOSIS, chemically induced/ AGRANULOCYTOSIS, mortality/ *ANEMIA, APLASTIC, chemically induced/ ANEMIA, APLASTIC, mortality/ BONE MARROW DISEASES, chemically induced/ CHILD/ CHILD, PRESCHOOL/ CHLORAMPHENICOL, administration & dosage/ *CHLORAMPHENICOL, adverse effects/ FEMALE/ HUMAN/ INFANT/ MALE/ MIDDLE AGE/ SEX FACTORS/ THROMBOPENIA, chemically induced/ THROMBOPENIA, mortality/ TIME FACTORS

6149. **Polano MK, Ponec M, Smeenk G, et al:** Factors influencing the penetration of corticosteroids through the epidermis.
Adv Biol Skin 12:325-38, 1972 (19 ref.)
ADOLESCENCE/ *ADRENAL CORTEX HORMONES/ ADULT/ ALCOHOL, ETHYL/ BUTYRATES, metabolism/ BUTYRATES, therapeutic use/ CARBON ISOTOPES/ CHILD/ DIFFUSION/ FEMALE/ HUMAN/ HYDROCORTISONE, administration & dosage/ HYDROCORTISONE, metabolism/ HYDROCORTISONE, therapeutic use/ HYDROCORTISONE, urine/ KINETICS/ MALE/ NICOTINIC ACID, metabolism/ PSORIASIS, drug therapy/ REVIEW/ *SKIN ABSORPTION/ SKIN ABSORPTION, drug effects/ TEMPERATURE/ TIME FACTORS/ TRYPSIN, pharmacodynamics/ VEHICLES

6150. **Polgár L:** On the role of hydrogen-bonding system in the catalysis by serine proteases.
Acta Biochim Biophys Acad Sci Hung 7:29-34, 1972
ASPARTIC ACID/ CATALYSIS/ HISTIDINE/ MODELS, CHEMICAL/ *PEPTIDE PEPTIDOHYDROLASES/ SERINE

6151. **Polinger IS:** Identification of cardiac myocytes in vivo and in vitro by the presence of glycogen and myofibrils. Exp Cell Res 76:243-52, Feb 73
AMYLASE/ ANIMAL EXPERIMENTS/ CELL MOVEMENT/ CELL NUCLEOLUS/ CELLS, CULTURED/ CHICK EMBRYO/ FIBROBLASTS/ *GLYCOGEN, isolation & purification/ HEART, embryology/ HISTOCYTOCHEMISTRY/ HISTOLOGICAL TECHNICS/ MUSCLE CONTRACTION/ *MYOCARDIUM, cytology/ *MYOFIBRILS/ PAPILLARY MUSCLES, analysis/ *PAPILLARY MUSCLES, cytology/ PAPILLARY MUSCLES, embryology/ STAINS AND STAINING/ TIME FACTORS/ TRYPSIN

6152. **Polisar RS, Cook AW:** Use of polyethylene in cranial implants. J Prosthet Dent 29:310-6, Mar 73
BRAIN ABSCESS, surgery/ CRANIOTOMY/ DENTAL IMPRESSION TECHNIC/ DENTAL MODELS/ HEMANGIOMA, surgery/ HUMAN/ MAXILLOFACIAL PROSTHESIS/ OSTEOMYELITIS, surgery/ POLYETHYLENES/ *PROSTHESIS/ *SKULL

6153. **Polishuk WZ, Sadovsky E, Aviad I:** Clinical significance of organic hypomenorrhea.
Am J Obstet Gynecol 116:1058-64, 15 Aug 73
*ABORTION, HABITUAL, etiology/ ADHESIONS/ ADULT/ AMENORRHEA, classification/ *AMENORRHEA, etiology/ CURETTAGE/ ENDOMETRIUM, pathology/ FEMALE/ HUMAN/ LAPAROSCOPY/ *STERILITY, FEMALE, etiology/ *TUBERCULOSIS, FEMALE GENITAL, complications/ TUBERCULOSIS, FEMALE GENITAL, diagnosis/ *UTERINE DISEASES, complications

6154. **Polishuk WZ, Schenker JG:** Induction of intrauterine adhesions in the rabbit with autogenous fibroblast implants. Am J Obstet Gynecol 115:789-94, 15 Mar 73
*ADHESIONS/ ANIMAL EXPERIMENTS/ CONTRACEPTION/ FEMALE/ *FIBROBLASTS, transplantation/ FORMALDEHYDE/ MALE/ METHODS/ POLYVINYL ALCOHOL/ PREGNANCY/ RABBITS/ TRANSPLANTATION, AUTOLOGOUS/ *UTERUS/ UTERUS, pathology

6155. **Poliwoda H:** Zur Bestimmung der Adhäsivität und Aggregationsneigung von Blutplättchen. Klinische Wertgkeit für die Aufdeckung einer Thromboseneigung.
Dtsch Med Wochenschr 98:164-7, 26 Jan 73 (Ger)
*BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CELL AGGREGATION/ CELL COUNT/ COMPARATIVE STUDY/ EVALUATION STUDIES/ METHODS/ *PLATELET ADHESIVENESS/ THROMBOSIS, prevention & control

6156. **Poliwoda H:** Treatment of chronic arterial occlusions with streptokinase. J Clin Pathol 25:642-3, Jul 72
ADULT/ AGED/ *ARTERIAL OCCLUSIVE DISEASES, drug therapy/ ARTERIES/ CEREBRAL HEMORRHAGE, chemically induced/ CHRONIC DISEASE/ COUMARINS, therapeutic use/ FEMALE/ FEMORAL ARTERY/ HEPARIN, therapeutic use/ HUMAN/ INTERMITTENT CLAUDICATION, drug therapy/ MALE/ MIDDLE AGE/ POPLITEAL ARTERY/ STREPTOKINASE, adverse effects/ *STREPTOKINASE, therapeutic use/ *THROMBOSIS, drug therapy

6157. **Polk HC, Miles AA:** The decisive period in the primary infection of muscle by Escherichia coli.
Br J Exp Pathol 54:99-109, Feb 73
ANIMAL EXPERIMENTS/ ANTICOAGULANTS, pharmacodynamics/ BLOOD VOLUME/ COLIPHAGES/ EPINEPHRINE, pharmacodynamics/ ESCHERICHIA COLI, growth & development/ *ESCHERICHIA COLI INFECTIONS/ ESCHERICHIA COLI INFECTIONS, microbiology/ IRON, pharmacodynamics/ MALONATES, pharmacodynamics/ MICE/ *MUSCULAR DISEASES, microbiology/ SHOCK/ TIME FACTORS

6158. **Pollack HM, Popky G:** Spontaneous subcapsular renal hemorrhage: its significance and roentgenographic diagnosis. J Urol 108:530-3, Oct 72
*ADENOCARCINOMA, complications/ ADENOCARCINOMA, surgery/ ANGIOGRAPHY/ *CYSTADENOCARCINOMA, complications/ CYSTADENOCARCINOMA, surgery/ FEMALE/ HEMATOMA, etiology/ *HEMORRHAGE, etiology/ HEMORRHAGE, radiography/ HUMAN/ *KIDNEY DISEASES, etiology/ KIDNEY DISEASES, radiography/ *KIDNEY NEOPLASMS, complications/ KIDNEY NEOPLASMS, surgery/ MALE/ MIDDLE AGE/ NEPHRECTOMY/ RENAL ARTERY, radiography/ UROGRAPHY

6159. **Pollak EW, Sparks FC, Barker WF:** Pulmonary embolism; an appraisal of therapy in 516 cases. Arch Surg 107:66-8, Jul 73
ANTICOAGULANTS, therapeutic use/ HUMAN/ LIGATION/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, surgery/ *PULMONARY EMBOLISM, therapy/ VENA CAVA, INFERIOR, surgery

6160. **Poller L:** The effects of progestogens on blood clotting and platelet function. J Clin Pathol 25:1007, Nov 72
*BLOOD COAGULATION, drug effects/ *BLOOD PLATELETS, drug effects/ CHLORMADINONE, pharmacodynamics/ ESTROGENS, pharmacodynamics/ FEMALE/ HUMAN/ *NORETHINDRONE, pharmacodynamics

6161. **Poller L:** Anticoagulant control and standardization of coagulation reagents.
Med Lab Technol 29:280-92, Jul 72
*ANTICOAGULANTS, standards/ GREAT BRITAIN/ *HEMOSTATICS, standards/ HOSPITALS/ HUMAN/ STATISTICS

6162. **Poller L:** Estandartización del control anticoagulante: el sitema británico.
Sangre (Barc) 17:277-82, 1972 (Spa)
*ANTICOAGULANTS, therapeutic use/ *BLOOD COAGULATION TESTS, standards/ COMPARATIVE STUDY/ GREAT BRITAIN/ HUMAN/ *THROMBOPLASTIN

6163. **Poller L, Thomson JM:** The partial thromboplastin (cephalin) time test. J Clin Pathol 25:1038-44, Dec 72
*BLOOD COAGULATION TESTS/ BLOOD COAGULATION TESTS, standards/ *CEPHALINS/ COMPARATIVE STUDY/ HEMOPHILIA, diagnosis/ HEPARIN, therapeutic use/ HUMAN/ METHODS/ PROTHROMBIN TIME/ *THROMBOPLASTIN/ TIME FACTORS

6164. **Poller L, Thomson JM, Thomas PW:** Effects of progestogen oral contraception with norethisterone on blood clotting and platelets.
Br Med J 4:391-3, 18 Nov 72
*BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS, drug effects/ CEPHALINS/ CHLORMADINONE/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ DRUG COMBINATIONS/ ESTROGENS/ FACTOR VII, analysis/ FACTOR X, analysis/ FEMALE/ FIBRINOGEN, analysis/ HUMAN/ *NORETHINDRONE, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ PREGNANCY/ PROGESTATIONAL HORMONES/ PROTHROMBIN TIME/ PUERPERIUM

6165. **Pollingher B, Cozma N, Aldescu C:** Implicatii medico-chirurgicale in insuficienta circulatorie vertebrobazilară.
Neurol Psihiatr Neurochir 18:33-42, Jan-Feb 73 (Rum)
*ANTICOAGULANTS, therapeutic use/ BASILAR ARTERY/ *CEREBRAL ARTERIOSCLEROSIS, complications/ CEREBRAL EMBOLISM AND THROMBOSIS, therapy/ *CEREBRAL ISCHEMIA, TRANSIENT, therapy/ COUMARINS, therapeutic use/ ENDARTERECTOMY/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ SUBCLAVIAN ARTERY/ SUBCLAVIAN STEAL SYNDROME, surgery/ *SUBCLAVIAN STEAL SYNDROME, therapy/ VERTEBRAL ARTERY

6166. **Pollock E, Hogg JL, Schowen RL:** One-proton catalysis in the deacetylation of acetyl- -chymotrypsin. J Am Chem Soc 95:968-9, 7 Feb 73
ACETYLATION/ CATALYSIS/ *CHYMOTRYPSIN/ PROTONS

6167. **Poison A, Ruiz-Bravo C:** Fractionation of plasma with polyethylene glycol. Vox Sang 23:107-18, Jul-Aug 72
*BLOOD PROTEINS, isolation & purification/ BLOOD PROTEINS, standards/ *BLOOD TRANSFUSION/ COMPLEMENT/ FACTOR VIII, isolation & purification/ FIBRINOGEN, isolation & purification/ *GLYCOLS, pharmacodynamics/ HUMAN/ IGG, isolation & purification/ *PLASMA, analysis/ PRECIPITATION/ SERUM ALBUMIN, isolation & purification

6168. **Polto F, Giovinetto A, Banna P, et al:** Il trapianto di milza. Rassegna della letteratura e ricerche personali. Chir Patol Sper 19:151-76, Aug 71 (Ita)
ANIMAL EXPERIMENTS/ DOGS/ ENGLISH ABSTRACT/ HEMOPHILIA, surgery/ ILIAC ARTERY, surgery/ POSTOPERATIVE COMPLICATIONS/ *SPLEEN, transplantation/ SPLENIC ARTERY, surgery/ SUTURE TECHNICS/ *TRANSPLANTATION, HOMOLOGOUS

6169. **Polya JB, Parsons RS:** Free ceramide in blood and its relevance to atherosclerosis. I.
Med J Aust 1:873-9, 5 May 73
ADULT/ ANIMAL EXPERIMENTS/ *ARTERIOSCLEROSIS, blood/ BLOOD COAGULATION, drug effects/ BRAIN CHEMISTRY/ CADAVER/ *CERAMIDES, blood/ CERAMIDES, pharmacodynamics/ CHOLESTEROL, pharmacodynamics/ CHROMATOGRAPHY, THIN LAYER/ *CORONARY DISEASE, blood/ FEMALE/ HUMAN/ MALE/ MARSUPIALIA/ MIDDLE AGE/ MUSCLES, analysis/ PROTHROMBIN TIME/ RATS/ SNAKES/ STRESS, blood/ THROMBOPLASTIN, analysis/ VENOMS, analysis/ VENOMS, pharmacodynamics

6170. **Polyanovsky OL, Demidkina TV:** The position of an essential tyrosine residue in the polypeptide chain of aspartate transaminase. FEBS Lett 23:262-4, 15 Jun 72
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ ASPARTIC ACID/ CHROMATOGRAPHY, PAPER/ DIALYSIS/ ELECTROPHORESIS/ GEL FILTRATION/ HYDROLYSIS/ MYOCARDIUM, enzymology/ NITROGEN/ *OXIDOREDUCTASES/ PEPTIDES, analysis/ PROTEIN CONFORMATION/ STRUCTURE-ACTIVITY RELATIONSHIP/ SWINE/ TRYPSIN/ *TYROSINE

6171. **Pomarańska-Kolodziejska:** Identification and determination of beta-diketones present in drugs. I. Identification by thin-layer chromatography method.
Acta Pol Pharm 29:395-8, 1972
CHROMATOGRAPHY, THIN LAYER/ INDENES, analysis/ *KETONES, analysis/ METHODS/ OXYPHENBUTAZONE, analysis/ PHENINDIONE, analysis/ PHENYLBUTAZONE, analysis

6172. **Pommier J, Prailauné S de, Nunez J:** Peroxydase particulaire thyroïdienne.
Biochimie 54:483-92, 1972 (Fre)
ACRYLAMIDES/ ANIMAL EXPERIMENTS/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ GEL FILTRATION/ HEME, analysis/ IODINE, metabolism/ IODOTYROSINE, biosynthesis/ MOLECULAR WEIGHT/ *PEROXIDASES/ PROTEIN CONFORMATION/ PROTEIN HYDROLYSATES/ SWINE/ *THYROID GLAND, enzymology/ TRYPSIN/ TYROSINE, metabolism/ ULTRACENTRIFUGATION

6173. **Ponari O, Civardi E:** Effects of Bothrops jararaca

venom on fibrin formation in vitro.
Arzneim Forsch 23:94-8, Jan 73
BIOMECHANICS/ BLOOD COAGULATION, drug effects/ CALCIUM CHLORIDE/ CATTLE/ CLOT RETRACTION/ DENSITOMETRY/ FACTOR XIII, metabolism/ *FIBRIN, biosynthesis/ FIBRINOGEN/ HUMAN/ IN VITRO/ KINETICS/ MORPHOGENESIS, drug effects/ *SNAKES/ SPECIES SPECIFICITY/ THROMBIN/ UREA/ *VENOMS, pharmacodynamics

6174. **Ponari O, Civardi E, Megha A, et al:** Effect of alpha- and beta-blocking drugs on the clotting and fibrinolytic response to venous status in man.
Br J Haematol 24:463-70, Apr 73
*ADRENERGIC ALPHA RECEPTOR BLOCKADERS, pharmacodynamics/ *ADRENERGIC BETA RECEPTOR BLOCKADERS, pharmacodynamics/ *BLOOD CIRCULATION/ *BLOOD COAGULATION, drug effects/ FACTOR V, analysis/ FACTOR VII, analysis/ FACTOR VIII, analysis/ FACTOR X, analysis/ FEMALE/ *FIBRINOLYSIS, drug effects/ HEMODYNAMICS, drug effects/ HUMAN/ MALE/ PHENTOLAMINE, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ SERUM GLOBULINS/ THROMBOPLASTIN, analysis/ TIME FACTORS/ TOURNIQUETS

6175. **Ponari O, Civardi E:** Effects of Bothrops jararaca venom on fibrin formation in vitro.
Australas Radiol 23:94-8, Jan 73
BIOMECHANICS/ BLOOD COAGULATION, drug effects/ CALCIUM CHLORIDE/ CATTLE/ CLOT RETRACTION/ DENSITOMETRY/ FACTOR XIII, metabolism/ *FIBRIN, biosynthesis/ FIBRINOGEN/ HUMAN/ IN VITRO/ KINETICS/ MORPHOGENESIS, drug effects/ *SNAKES/ SPECIES SPECIFICITY/ THROMBIN/ UREA/ *VENOMS, pharmacodynamics

6176. **Pongpipat D, Suvatte V, Ratanawong A:** A simple, rapid determination of fibrin degradation product by cross-over immunoelectrophoresis.
J Med Assoc Thai 55:732-5, Dec 72
ANTIGENS/ *BLOOD COAGULATION DISORDERS, diagnosis/ *FIBRIN, analysis/ HUMAN/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS

6177. **Ponomarev IuT, Zhukova NA:** Rol'faktora XIII v podderzhanii tselostnosti stenki sosudov pri ostrof luchevof bolezni.
Radiobiologiia 12:297-301, Mar-Apr 72 (Rus)
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *FACTOR XIII, therapeutic use/ GUINEA PIGS/ *HEMORRHAGE, drug therapy/ HEMORRHAGE, etiology/ *RADIATION INJURIES, EXPERIMENTAL, drug therapy/ RATS

6178. **Pons Romero F, Pérez Miranda M:** Estudio clínico y experimental de la disproteinemia hepática.
Rev Med Univ Navarra 16:137-51, Jun 72 (Spa)
ANIMAL EXPERIMENTS/ *BLOOD PROTEIN DISORDERS, etiology/ BLOOD PROTEIN ELECTROPHORESIS/ CARBON TETRACHLORIDE POISONING, blood/ CARBON TETRACHLORIDE POISONING, complications/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HEPATECTOMY/ HEPATITIS, blood/ HEPATITIS, complications/ HEPATITIS, TOXIC, blood/ HEPATITIS, TOXIC, complications/ IGA, analysis/ IGG, analysis/ IGM, analysis/ LIVER, drug effects/ LIVER CIRRHOSIS, blood/ LIVER CIRRHOSIS, complications/ *LIVER DISEASES, complications/ METHODS/ PROTHROMBIN TIME/ RATS

6179. **Ponstingl H, Hilschmann N:** Die Primärstruktur eines monoklonalen IgG1-Immunglobulins (Myelomprotein Nie). II. Aminosäuresequenz des konstanten Teils der H-Kette, Zuordnung genetischer Faktoren.
Hoppe Seylers Z Physiol Chem 353:1369-72, Aug 72 (Ger)
*AMINO ACID SEQUENCE/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ GEL FILTRATION/ GENETIC CODE/ HUMAN/ *IMMUNOGLOBULIN FRAGMENTS, analysis/ MALE/ *MYELOMA PROTEINS, analysis/ MYELOMA PROTEINS, isolation & purification/ PEPTIDES/ SEROTYPING/ TRYPSIN

6180. **Pont J, Dieterlen M, Bost M, et al:** Anémie hémolytique à auto-anticorps, thrombopénie, gastrite atrophique avec anticorps anti-estomac chez une enfant de 12 ans.
Pediatrie 27:417-22, Jun 72 (Fre)
*ANEMIA, HEMOLYTIC, AUTOIMMUNE/ AUTOANTIBODIES, analysis/ *AUTOIMMUNE DISEASES/ CHILD/ FEMALE/ *GASTRITIS, immunology/ HUMAN/ *THROMBOPENIA, etiology

6181. **Pontis HG, Wolosiuk RA:** Studies on sucrose synthetase. I. Effect of trypsin on the cleavage activity. FEBS Lett 28:86-8, 15 Nov 72
AMMONIUM SULFATE/ CATALYSIS/ FRUCTOSE/ GEL FILTRATION/ GLUCOSE/ *GLUCOSYLTRANSFERASES/ GLUCOSYLTRANSFERASES, antagonists & inhibitors/ GLUCOSYLTRANSFERASES, isolation & purification/ ISOELECTRIC FOCUSING/ KINETICS/ *PLANTS, enzymology/ PRECIPITATION/ SUCROSE/ TRYPSIN/ URIDINE DIPHOSPHATE SUGARS

6182. **Pontremoli S, Melloni E, Balestrero F, et al:** Fructose 1,6-bisphosphatase: the role of lysosomal enzymes in the modification of catalytic and structural properties. Proc Natl Acad Sci USA 70:303-5, Feb 73
ANIMAL EXPERIMENTS/ CATALYSIS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FRUCTOSE DIPHOSPHATASE, analysis/ FRUCTOSE DIPHOSPHATASE, metabolism/ *HEXOSEDIPHOSPHATASE, metabolism/ HYDROGEN-ION CONCENTRATION/ LIVER, cytology/ *LIVER, enzymology/ *LYSOSOMES, enzymology/ MICE/ MICROSOMES, LIVER, enzymology/ MITOCHONDRIA, LIVER, enzymology/ MOLECULAR CONFORMATION/ PEPTIDE HYDROLASES, metabolism/ *PEPTIDE HYDROLASES, physiology/ PERIODICITY/ RABBITS/ SEASONS/ SUBTILISINS, metabolism/ SUBTILISINS, pharmacodynamics

6183. **Poole RK, Lloyd D:** Effect of 2-deoxy-D-glucose on growth and cell walls of Schizosaccharomyces pombe 972h. Arch Mikrobiol 88:257-72, 1973
ASCOMYCETES, growth & development/ CELL WALL, analysis/ *CELL WALL, drug effects/ CELLS, CULTURED/ CULTURE MEDIA/ ENZYMES, pharmacodynamics/ GLUCOSAMINE/ GLUCOSE/ *GLUCOSE, pharmacodynamics/ LIPIDS/ MANNOSE/ MICROSCOPY, ELECTRON/ SNAILS, enzymology/ SPHEROPLASTS, drug effects/ TRYPSIN, pharmacodynamics/ YEASTS, cytology/ *YEASTS, drug effects

6184. **Poole-Wilson PA:** Small doses of subcutaneous heparin and postoperative deep venous thrombosis.
Lancet 2:1089, 18 Nov 72
*HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, prevention & control/ *THROMBOPHLEBITIS, prevention & control

6185. **Poon MC, Epstein SW, Sepp H:** Immunofluorescent staining of lung biopsy in fibrosing alveolitis.
Can Med Assoc J 108:734-5 passim, 17 Mar 73
BIOPSY/ FEMALE/ FIBRINOGEN, analysis/ *FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ IGA, analysis/ IGG, analysis/ IGM, analysis/ *LUNG, immunology/ LUNG, pathology/ MIDDLE AGE/ PREDNISONE, therapeutic use/ PULMONARY ALVEOLI, immunology/ PULMONARY FIBROSIS, drug therapy/ *PULMONARY FIBROSIS,

immunology/ PULMONARY FIBROSIS, pathology/ PULMONARY FIBROSIS, radiography/ RESPIRATORY FUNCTION TESTS

6186. **Popat D, Weber G, Wenzel E:** Zuverlässigkeit einfacher Untersuchungsmethoden zur Messung von Fibrinverfesttigung und Fakto XIII-Aktivität.
Med Welt 23:1387-9, 30 Sep 72 (Ger)
BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION TESTS/ EVALUATION STUDIES/ *FACTOR XIII, analysis/ FACTOR XIII, metabolism/ FIBRIN/ HUMAN

6187. **Popat D, Weber G, Wenzel E:** Gestörte Fibrinverfestigung bei chronischen Nierenerkrankungen.
Med Welt 23:1806-8, 25 Nov 72 (Ger)
CHRONIC DISEASE/ FACTOR XIII DEFICIENCY, blood/ *FACTOR XIII DEFICIENCY, complications/ *FIBRIN, metabolism/ HUMAN/ *KIDNEY DISEASES, blood/ KIDNEY DISEASES. complications

6188. **Popelka S, Runt M, Matějovský Z:** Užití Rearilu v ortopedii a traumatologii.
Acta Chir Orthop Traumatol Cech 40:256-8, Jun 73 (Cze)
AESCULUS, administration & dosage/ *AESCULUS, therapeutic use/ ANTI-INFLAMMATORY AGENTS, administration & dosage/ *ANTI-INFLAMMATORY AGENTS, therapeutic use/ ARM INJURIES/ CLINICAL RESEARCH/ *EDEMA, drug therapy/ EDEMA, etiology/ ENGLISH ABSTRACT/ HUMAN/ LEG INJURIES/ *POSTOPERATIVE COMPLICATIONS, drug therapy/ *WOUNDS AND INJURIES, complications

6189. **Popescu NC, DiPaolo JA:** Identification of Syrian hamster chromosomes by acetic-saline-Giemsa (ASG) and trypsin techniques. Cytogenetics 11:500-7, 1972
ACETIC ACIDS/ ANIMAL EXPERIMENTS/ CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED/ *CHROMOSOMES/ FEMALE/ *HAMSTERS/ *KARYOTYPING/ MALE/ NEOPLASMS, EXPERIMENTAL/ QUINOLINES/ STAINS AND STAINING/ TRYPSIN

6190. **Popescu P, Gherasim L:** Probleme actuale în diagnosticul şi tratamentul anginei de piept.
Med Interna (Bucur) 24:933-46, Aug 72 (Rum)
ADRENERGIC BETA RECEPTOR BLOCKADERS, therapeutic use/ ANGINA PECTORIS, diagnosis/ *ANGINA PECTORIS, drug therapy/ ANGINA PECTORIS, etiology/ ANGIOGRAPHY/ ANTICOAGULANTS, therapeutic use/ BENZOFURANS, therapeutic use/ CORONARY VESSELS, radiography/ COUMARINS, therapeutic use/ DIPYRIDAMOLE, therapeutic use/ EXERCISE TEST/ GLUCOSE TOLERANCE TEST/ GLYCERYL TRINITRATE, therapeutic use/ GLYCOLATES, therapeutic use/ HUMAN/ MYOCARDIAL INFARCT, complications/ NITRITES, therapeutic use/ PAIN/ THORACIC DISEASES, complications/ VASODILATOR AGENTS, therapeutic use

6191. **Popinigis J, Wrzolkowa T:** Protamine induced configurational changes in paracrystalline structures from heat desintegrated mitochondria.
Experientia 28:1292-3, 15 Nov 72
ANIMAL EXPERIMENTS/ CRYSTALLIZATION/ HEAT/ IN VITRO/ MICROSCOPY, ELECTRON/ *MITOCHONDRIA, LIVER, drug effects/ *PROTAMINES, pharmacodynamics/ RATS

6192. **Popova NV, Fedotova LM:** Nekotorye osobennosti biosinteza proteinaz mutantnymi shtammami Aspergillus terricola.
Prikl Biokhim Mikrobiol 8:313-8, May-Jun 72 (Rus)
*ASPERGILLUS, metabolism/ CULTURE MEDIA/ ENGLISH ABSTRACT/ HYDROGEN-ION CONCENTRATION/ *MUTATION/ *PEPTIDE HYDROLASES, biosynthesis

6193. **Popovic K, Lucic A, Orovcanec K, et al:** Thrombocytémie associée à une fibrinolyse et à des manifestations neurologiques inhabituelles.
Lyon Med 228:275-7, 8 Oct 72 (Fre)
ADULT/ *BLOOD COAGULATION DISORDERS, complications/ *BLOOD PLATELET DISORDERS, complications/ HUMAN/ MALE/ *NEUROLOGIC MANIFESTATIONS

6194. **Popovici M, Greceanu V, Alexenco E, et al:** Staphylocoques blancs, coagulase-négatifs, isolés dans des processus infectieux chez l'homme.
Arch Roum Pathol Exp Microbiol 31:61-7, Mar 72 (Fre)
COAGULASE, biosynthesis/ CULTURE MEDIA/ DEOXYRIBONUCLEASE, biosynthesis/ ENGLISH ABSTRACT/ FIBRINOLYSIN, biosynthesis/ HEMOLYSINS, biosynthesis/ HUMAN/ *STAPHYLOCOCCAL INFECTIONS, diagnosis/ *STAPHYLOCOCCUS, classification/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, isolation & purification/ TETRAZOLIUM SALTS, diagnostic use

6195. **Popp RA:** Sequence of amino acids in the chain of single hemoglobins from C57BL, SWR, and NB mice.
Biochim Biophys Acta 303:52-60, 23 Mar 73
*AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS, PAPER/ *HEMOGLOBIN, analysis/ HEMOGLOBINS, ABNORMAL, analysis/ MICE/ MICE, INBRED C57BL/ MICE, INBRED STRAINS/ PAPAIN/ PEPSIN/ PEPTIDES, analysis/ TRYPSIN

6196. **Poppa C, Enache F, Cernat M:** Timpul de tromboplastină parţială activat prin caolin (PTTK), un test sensibil de coagulabilitate plasmatică globală.
Stud Cercet Med Interna 13:489-93, 1972 (Rum)
*BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION TESTS/ CHRISTMAS DISEASE, diagnosis/ ENGLISH ABSTRACT/ HEMOPHILIA, diagnosis/ HUMAN/ *KAOLIN/ *THROMBOPLASTIN

6197. **Poppa C, Enache F:** Deficienţa hemostazei în policitemia vera.
Stud Cercet Med Interna 13:375-83, 1972 (Rum)
*BLOOD COAGULATION DISORDERS, etiology/ BLOOD PLATELET DISORDERS/ ENGLISH ABSTRACT/ HUMAN/ *POLYCYTHEMIA VERA, complications

6198. **Poradovský K:** Kann das Blut der intrauterin abgestorbenen Kinder die Homöostase der Blutkoagulation und Fibrinolyse bei der Mutter durch seine fibrinolytische Aktivität beeinflussen.
Zentralbl Gynaekol 95:379-83, 16 Mar 73 (Ger)
*BLOOD COAGULATION/ FEMALE/ *FETAL DEATH/ FETOMATERNAL TRANSFUSION/ *FIBRINOLYSIS/ HUMAN/ INFANT, NEWBORN/ MATERNAL-FETAL EXCHANGE/ PLASMINOGEN/ PREGNANCY

6199. **Poradovský K, Kendeová E:** Fibrinolytická aktivita v krvi tehotných a rodičiek pri a po krvácaní v poslednom trimestre gravidity.
Cesk Gynekol 38:329-30, Jun 73 (Slo)
FEMALE/ *FIBRINOLYSIS/ GESTATIONAL AGE/ HUMAN/ PLACENTA PRAEVIA, blood/ PREGNANCY/ *PREGNANCY COMPLICATIONS, blood/ TIME FACTORS/ *UTERINE HEMORRHAGE, blood

6200. **Porter CA, Mowat AP, Cook PJ, et al:** 1 -Antitrypsin deficiency and neonatal hepatitis.
Br Med J 3:435-9, 19 Aug 72
AUSTRALIA ANTIGEN/ AUTOPSY/ BILIRUBIN, blood/ BIOPSY/ FEMALE/ *HEPATITIS, complications/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, complications/ LIVER, pathology/ LIVER CIRRHOSIS, complications/ LIVER DISEASES, complications/ LIVER FUNCTION

TESTS/ MALE/ METABOLISM, INBORN ERRORS, blood/ *METABOLISM, INBORN ERRORS, complications/ METABOLISM, INBORN ERRORS, familial & genetic/ PHENOTYPE/ *TRYPSIN INHIBITORS, metabolism

6201. **Poser H, Feldmann H, Georgi M, et al:** Benigne Erkrankungen des Kehlkopfes im Schichtbild. Fortschr Geb Roentgenstr Nuklearmed 118:1-15, Jan 73 (Ger)
ACUTE DISEASE/ AMYLOIDOSIS, radiography/ CHONDROMA, radiography/ CHRONIC DISEASE/ CYSTS, radiography/ ENGLISH ABSTRACT/ FIBROMA, radiography/ GRANULOMA, radiography/ HEMANGIOMA, radiography/ HUMAN/ *LARYNGEAL DISEASES, radiography/ LARYNGEAL NEOPLASMS, radiography/ LARYNGITIS, radiography/ METHODS/ PAPILLOMA, radiography/ POLYPS, radiography/ *TOMOGRAPHY, RADIOGRAPHIC/ TUBERCULOSIS, LARYNGEAL, radiography/ VOCAL CORD PARALYSIS, radiography

6202. **Poskitt TR, Fortwengler HP Jr, Lunskis BJ:** Activation of the alternate complement pathway by autologous red cell stroma. J Exp Med 138:715-22, 1 Sep 73
*BLOOD COAGULATION/ BLOOD PLATELETS/ *COMPLEMENT/ DISSEMINATED INTRAVASCULAR COAGULATION/ *ERYTHROCYTES/ HEMOGLOBIN/ HUMAN/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS

6203. **Posner BI:** Insulin metabolizing enzyme activities in human placental tissue. Diabetes 22:552-63, Jul 73
ANIMAL EXPERIMENTS/ CORTICOTROPIN, pharmacodynamics/ DIALYSIS/ FEMALE/ GLUCAGON, pharmacodynamics/ GLUTATHIONE, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *INSULIN, metabolism/ MUSCLES, enzymology/ NADP, metabolism/ OXIDATION-REDUCTION/ OXYTOCIN, pharmacodynamics/ *PEPTIDE HYDROLASES, metabolism/ PLACENTA, drug effects/ *PLACENTA, enzymology/ PREGNANCY/ *PREGNANCY IN DIABETES, metabolism/ PROINSULIN, pharmacodynamics/ RATS/ SERUM ALBUMIN, pharmacodynamics/ SERUM ALBUMIN, BOVINE, pharmacodynamics/ SOMATOTROPIN, pharmacodynamics/ SULFHYDRYL COMPOUNDS, metabolism/ VASOPRESSIN, pharmacodynamics

6204. **Pospíšil J, Kiř P, Skala E, et al:** Experimentální terapie postiradiační poruchy hemokoagulace.
Cas Lek Cesk 112:754-6, 1973 (Cze)
AMINOCAPROIC ACID, administration & dosage/ *AMINOCAPROIC ACID, therapeutic use/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION DISORDERS, drug therapy/ DOGS/ ENGLISH ABSTRACT/ RABBITS/ *RADIATION INJURIES, drug therapy/ RATS

6205. **Pospíšil J, Skala E, Vranovská J, et al:** Effect of para-aminomethylbenzoic acid on the post-irradiation disturbance of haemocoagulation in dogs after whole-body exposure to 600 R.
Strahlentherapie 144:728-36, Dec 72
AMINOBENZOIC ACID, pharmacodynamics/ AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ BLOOD COAGULATION, radiation effects/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ CATHEPSIN, antagonists & inhibitors/ CYCLOHEXANECARBOXYLIC ACIDS, pharmacodynamics/ DOGS/ MALE/ MICE/ PEPSIN, antagonists & inhibitors/ RADIATION DOSAGE/ *RADIATION INJURIES, EXPERIMENTAL, physiopathology/ TIME FACTORS/ TRYPSIN INHIBITORS, pharmacodynamics

6206. **Posteucă M, Cîrmaciu D, Varzaru E:** Hemangiom hepatic şi triplu ulcer gastric sîngerînd.
Rev Med Chir Soc Med Nat Iasi 77:369-72, Apr-Jun 73 (Rum)
ADULT/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, complications/ HEMANGIOMA, surgery/ HUMAN/ *LIVER NEOPLASMS, complications/ LIVER NEOPLASMS, surgery/ *PEPTIC ULCER HEMORRHAGE, complications/ *STOMACH ULCER, complications/ STOMACH ULCER, surgery

6207. **Potashnik G, Ben-Adereth N, Leventhal H:** Placental chorioangioma.
Am J Obstet Gynecol 117:296, 15 Sep 73
FEMALE/ *HEMANGIOMA, complications/ HUMAN/ INFANT, NEWBORN/ *PLACENTA DISORDERS, complications/ PLACENTA PRAEVIA, complications/ PREGNANCY

6208. **Potashnik G, Ben-Adereth N, Leventhal H:** Chorioangioma of the placenta. Clinical and pathological implications. Isr J Med Sci 9:904-8, Jul 73
BODY WEIGHT/ FEMALE/ FETAL DISEASES, complications/ *HEMANGIOMA/ HEMANGIOMA, complications/ HEMANGIOMA, pathology/ HUMAN/ INFANT, NEWBORN/ ORGAN WEIGHT/ *PLACENTA/ PLACENTA, anatomy & histology/ PLACENTA, pathology/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ UMBILICAL CORD, pathology

6209. **Potekhin KG, Nikitin IuP, Fedenkov VI:** Koaguliatsionnye i fibrinoliticheskie svoĭstva éritrotsitov krovi krolika.
Biol Nauki 3:47-51, 1972 (Rus)
ANIMAL EXPERIMENTS/ ANTIFIBRINOLYTIC AGENTS, analysis/ ANTITHROMBIN, analysis/ *BLOOD COAGULATION FACTORS, analysis/ CHINCHILLAS/ *ERYTHROCYTES, analysis/ FACTOR XIII, analysis/ FIBRINOLYSIN, antagonists & inhibitors/ FIBRINOLYTIC AGENTS, analysis/ RABBITS

6210. **Pothmann R, Petrich C, Göbel U:** Gerinnungsuntersuchungen mit Kapillarblut. II. Thrombinzeit und Fibrinogen.
Blut 26:380-7, Jun 73 (Ger)
ADOLESCENCE/ ADULT/ ANEMIA, APLASTIC, diagnosis/ *BLOOD COAGULATION TESTS/ CAPILLARIES/ CHILD/ CHILD, PRESCHOOL/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ ENGLISH ABSTRACT/ ERYTHROCYTES, analysis/ *FIBRINOGEN, analysis/ HEMATOCRIT/ HUMAN/ HYPERSENSITIVITY, diagnosis/ INFANT/ MALE/ METHODS/ SYNDROME/ *THROMBIN

6211. **Potier M, Gianetto R:** Beta-glucuronidase isoenzymes of rat-liver lysosomes. Can J Biochem 51:973-9, Jul 73
AMMONIUM SULFATE/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ GLUCURONIDASE, analysis/ *GLUCURONIDASE, isolation & purification/ GLYCOPROTEINS, analysis/ ISOENZYMES, analysis/ ISOENZYMES, isolation & purification/ LIVER, cytology/ *LIVER, enzymology/ *LYSOSOMES, enzymology/ MALE/ MOLECULAR WEIGHT/ RATS/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPSIN/ ULTRACENTRIFUGATION

6212. **Potron G, Leroux B, Bertignon C, et al:** Variations du plasminogene chez le nouveau-né et le prématuré.
Arch Fr Pediatr 29:583-92, Jun-Jul 72 (Fre)
BIRTH WEIGHT/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ ENGLISH ABSTRACT/ ERYTHROBLASTOSIS, FETAL, blood/ *FIBRINOGEN/ HUMAN/ HYALINE MEMBRANE DISEASE, prevention & control/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, blood/ *INFANT, NEWBORN, DISEASES, diagnosis/ INFANT, PREMATURE, DISEASES, diagnosis/ JAUNDICE, NEONATAL, blood/

*PLASMINOGEN/ RESPIRATORY DISTRESS SYNDROME, blood

6213. **Potron G, Seys A, Lardennois B:** L'héparinothérapie à mini-dose. Protocole pour une prophylaxie pré-opératoire des thrombophlébites.
Cah Med 14:219-23, Mar 73 (Fre)
*HEPARIN, administration & dosage/ HUMAN/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *PULMONARY EMBOLISM, prevention & control/ THROMBELASTOGRAPHY/ *THROMBOPHLEBITIS, prevention & control

6214. **Pöttgen W:** La moderna terapia dell'iperspleniismo basata sui dati della cinetica cellulare.
Minerva Med 64:1684-7, 5 May 73 (Ita)
BLOOD CELL COUNT/ BLOOD PLATELETS, analysis/ CELL DIVISION/ CELL SURVIVAL/ EPINEPHRINE, administration & dosage/ HUMAN/ HYPERSPLENISM, pathology/ *HYPERSPLENISM, surgery/ INJECTIONS, INTRAVENOUS/ LEUKOCYTES/ LEUKOPENIA, pathology/ SPLEEN, blood supply/ SPLEEN, cytology/ SPLENECTOMY/ SPLENOMEGALY, pathology

6215. **Potužník V:** The effect of dextran sulphate on the survival and multiplication of bacteria in the blood.
J Hyg Epidemiol Microbiol Immunol (Praha) 16:293-302, 1972
ANTICOAGULANTS/ *BACTERIA, isolation & purification/ BACTERIOLOGICAL TECHNICS/ *BLOOD, microbiology/ CULTURE MEDIA/ *DEXTRAN, pharmacodynamics/ ESCHERICHIA COLI, isolation & purification/ ION EXCHANGE RESINS/ PROTEUS, isolation & purification/ PSEUDOMONAS AERUGINOSA, isolation & purification/ SALMONELLA PARATYPHI, isolation & purification/ SALMONELLA TYPHOSA, isolation & purification/ *SULFATES, pharmacodynamics

6216. **Pouit, Marcille LG, Suscillon M, et al:** Etude en microscopie électronique de différentes etapes de la fibrinoformation.
Thromb Diath Haemorrh 27:559-72, 31 Jul 72 (Fre)
CATTLE/ ENGLISH ABSTRACT/ *FIBRIN, analysis/ MICROSCOPY, ELECTRON/ *MODELS, STRUCTURAL/ MOLECULAR CONFORMATION/ SPECTROPHOTOMETRY/ STAINS AND STAINING

6217. **Pouit L, Hudry-Clergeon G, Suscillon M:** Electron microscopy study of positive charges on fibrin fibres.
Biochim Biophys Acta 317:99-105, 12 Jul 73
ACETATES/ BINDING SITES/ CHEMISTRY/ CYANATES/ CYTOLOGICAL TECHNICS/ FERRITIN/ *FIBRIN/ FIBRINOGEN/ HORSES/ MICROSCOPY, ELECTRON/ PEPTIDE HYDROLASES/ PEPTIDES/ PROTAMINES/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SNAKES/ SPLEEN/ STAINS AND STAINING/ SULFURIC ACIDS/ THROMBIN/ TOLUENE/ URANIUM/ VENOMS

6218. **Poujol J:** Possibilités de l'échographie ultrasonique en ophtalmologie.
J Radiol Electrol Med Nucl 53:711-5, Oct 72 (Fre)
BIOMETRY/ BREAST NEOPLASMS/ CATARACT, diagnosis/ CHOROID/ CHOROID NEOPLASMS, diagnosis/ *EYE DISEASES, diagnosis/ EYE FOREIGN BODIES, diagnosis/ *EYE NEOPLASMS, diagnosis/ *HEMANGIOMA, CAVERNOUS, diagnosis/ HEMORRHAGE, diagnosis/ HUMAN/ MELANOMA, diagnosis/ METHODS/ NEOPLASM METASTASIS/ *ORBITAL NEOPLASMS, diagnosis/ RETINAL DETACHMENT, diagnosis/ TOMOGRAPHY/ *ULTRASONICS, diagnostic use/ VITREOUS BODY

6219. **Pouliquen JC, Rigault P, Judet J, et al:** Rétraction du guadriceps aprés injections médicamenteuses chez l'enfant. (Résultats de 20 cas opérés par libération de l'careil extenseur.
Ann Pediatr (Paris) 19:613-20, Sep 72 (Fre)
ABSCESS, complications/ ADHESIONS, etiology/ ATROPHY, etiology/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *INJECTIONS, INTRAMUSCULAR, adverse effects/ *JOINT DISEASES, etiology/ *KNEE JOINT/ MALE/ *MUSCULAR DISEASES, etiology/ *THIGH, surgery

6220. **Poulsen K, Fraser KJ, Haber E:** An active derivative of rabbit antibody light chain composed of the constant and the variable domains held together only by a native disulfide bond.
Proc Natl Acad Sci USA 69:2495-9, Sep 72
ACETAMIDES/ ALKYLATION/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANTIGEN-ANTIBODY REACTIONS/ CHROMATOGRAPHY, ION EXCHANGE/ DISULFIDES/ DITHIOTHREITOL/ GEL FILTRATION/ GUANIDINES/ HYDROLYSIS/ IGG/ IGG, analysis/ *IMMUNOGLOBULINS/ IODINE ISOTOPES/ IODOACETATES/ OXIDATION-REDUCTION/ PAPAIN/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PROTEIN CONFORMATION/ RABBITS, immunology/ THIOCYANATES/ TRYPSIN

6221. **Poulson AM Jr:** Analysis of female sterilization technics. Obstet Gynecol 42:131-5, Jul 73
ABSCESS, etiology/ CESAREAN SECTION/ FEMALE/ HEMATOMA, etiology/ HEMORRHAGE, etiology/ HUMAN/ HYSTERECTOMY, adverse effects/ LENGTH OF STAY/ PELVIS/ PREGNANCY/ PUERPERIUM/ *STERILIZATION, SEXUAL/ STERILIZATION, TUBAL, adverse effects/ THROMBOSIS, etiology/ VAGINA/ VAGINAL DISEASES, etiology

6222. **Povey S, Corney G, Lewis WH, et al:** The genetics of peptidase C in man. Ann Hum Genet 35:455-65, Apr 72
ALLELES/ ELECTROPHORESIS, STARCH GEL/ ERYTHROCYTES, enzymology/ FEMALE/ FIBROBLASTS, enzymology/ *GENETICS, BIOCHEMICAL/ *GENETICS, POPULATION/ HUMAN/ ISOENZYMES, analysis/ LEUKOCYTES, enzymology/ MALE/ MONGOLOID RACE/ NEGROID RACE/ PEDIGREE/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, blood/ PHENOTYPE/ PLACENTA, enzymology/ RACIAL STOCKS/ VARIATION (GENETICS)

6223. **Powell MR, Faliat RJ:** Regional pulmonary ventilation. Evaluation in normals and subjects with alpha1-antitrypsin deficiency.
Nucl Med (Stuttg) 9:1128-9, 1971
ADULT/ HUMAN/ *LUNG DISEASES, diagnosis/ MIDDLE AGE/ PULMONARY EMPHYSEMA, diagnosis/ *RADIOISOTOPE SCANNING/ *TRYPSIN INHIBITORS, blood/ *VENTILATION-PERFUSION RATIO/ XENON, diagnostic use

6224. **Powers DA, Edmundson AB:** Multiple hemoglobins of catostomid fish. II. The amino acid sequence of the major chain from Catostomus clarkii hemoglobins.
J Biol Chem 247:6694-707, 25 Oct 72
ALKYLATION/ *AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ CYANOGEN BROMIDE/ ELECTROPHORESIS, PAPER/ *FISHES/ GEL FILTRATION/ *HEMOGLOBIN, analysis/ IMINES/ MACROMOLECULAR SYSTEMS/ MERCAPTOETHANOL/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ SPECIES SPECIFICITY/ THIOCYANATES/ TRYPSIN

6225. **Poyart CF, Bursaux E, Freminet A:** Citrate and the Donnan equilibrium in human blood. P507.4 or P5072.
Biomedicine [Express] 19:52-5, 10 Feb 73
ACID-BASE EQUILIBRIUM, drug effects/ BLOOD, drug effects/ *BLOOD PRESERVATION/ *CITRATES, pharmacodynamics/ ERYTHROCYTES, drug effects/ HEMOGLOBIN/ HEPARIN/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *OXYGEN, blood/ PROTEIN BINDING, drug effects

6226. **Prada M da, Burkard WP, Pletscher A:** Cyclic AMP of blood platelets: accumulation in organelles storing 5-hydroxytryptamine and ATP.
Experientia 28:845-6, 15 Jul 72
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, analysis/ ADENOSINE TRIPHOSPHATE, analysis/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, analysis/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, ION EXCHANGE/ DOPAMINE, analysis/ GUINEA PIGS/ IN VITRO/ RABBITS/ SEROTONIN, analysis/ *SUBCELLULAR FRACTIONS, analysis/ ULTRASONICS

6227. **Praetorius F, Körtge P, Schneider B, et al:** Kinetik der Serumenzyme bei Behandlung des Herzinfarktes mit Streptokinase.
Klin Wochenschr 51:397-403, 15 Apr 73 (Ger)
*ASPARTATE AMINOTRANSFERASE, blood/ ASPARTATE AMINOTRANSFERASE, metabolism/ *CREATINE KINASE, blood/ *CREATINE KINASE, metabolism/ ENGLISH ABSTRACT/ FOLLOW-UP STUDIES/ HUMAN/ KINETICS/ *LACTATE DEHYDROGENASE, blood/ LACTATE DEHYDROGENASE, metabolism/ *MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, enzymology/ *STREPTOKINASE, therapeutic use

6228. **Praga C, Cortellaro M, Pogliani E:** Standardzed bleeding time in the study of drugs interfering with platelet function. Adv Exp Med Biol 34:149-58, 1972
*ASPIRIN, pharmacodynamics/ *BLOOD COAGULATION TESTS, standards/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, physiology/ *ERGOLINES, pharmacodynamics/ HEMOSTASIS/ HUMAN/ *PLATELET ADHESIVENESS, drug effects/ THROMBOSIS, blood

6229. **Praga C, Valentini L, Maiorano M, et al:** A new automatic device for the standardized Ivy bleeding time. Adv Exp Med Biol 34:271-9, 1972
ADOLESCENCE/ ADULT/ ASPIRIN, pharmacodynamics/ *AUTOMATION/ BLOOD COAGULATION, drug effects/ *BLOOD COAGULATION TESTS, instrumentation/ CHILD/ FEMALE/ HEMORRHAGIC DIATHESIS, diagnosis/ HUMAN/ MALE/ MIDDLE AGE

6230. **Prasad AS, DuMouchelle E, Koniuch D, et al:** A simple fluorometric method for the determination of RNA and DNA in tissues. J Lab Clin Med 80:598-602, Oct 72
ANIMAL EXPERIMENTS/ BRAIN CHEMISTRY/ CEPHALINS/ COMPARATIVE STUDY/ *DNA, analysis/ ETHIDIUM/ FLUOROMETRY/ HEPARIN/ HYDROGEN-ION CONCENTRATION/ KIDNEY, analysis/ LIVER, analysis/ MALE/ METHODS/ OSMOLAR CONCENTRATION/ RATS/ *RNA, analysis/ SODIUM CHLORIDE/ TEMPERATURE/ TESTIS, analysis/ THYMUS GLAND, analysis

6231. **Prasad KN, Sheppard JR:** Neuroblastoma cell culture: membrane changes during cyclic AMP-induced morphological differentiation.
Proc Soc Exp Biol Med 141:240-3, Oct 72
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ BENZYL COMPOUNDS, pharmacodynamics/ BINDING SITES/ BUTYRATES, pharmacodynamics/ CELL AGGREGATION, drug effects/ *CELL DIFFERENTIATION, drug effects/ CELL DIVISION, drug effects/ CELL MEMBRANE, drug effects/ CLONE CELLS/ CONCANAVALIN A, pharmacodynamics/ ETHERS, pharmacodynamics/ IMIDAZOLES, pharmacodynamics/ KETONES, pharmacodynamics/ *NEUROBLASTOMA, pathology/ PHOSPHODIESTERASES, antagonists & inhibitors/ PLANT AGGLUTININS, pharmacodynamics/ PROSTAGLANDINS, pharmacodynamics/ TRYPSIN, pharmacodynamics

6232. **Prasilčka M, Chlebovský O:** Hematological changes during continuous gamma irradiation.
Radiobiol Radiother (Berl) 14:213-7, 1973
ANIMAL EXPERIMENTS/ *BLOOD CELLS, radiation effects/ BLOOD PLATELETS, radiation effects/ *COBALT ISOTOPES/ ERYTHROCYTES, radiation effects/ LEUKOCYTES, radiation effects/ MALE/ *RADIATION EFFECTS/ RATS/ TIME FACTORS

6233. **Pratesi F, Caramelli L, Corsi C, et al:** Il problema della vasodilatazione nella terapia delle arteriopatie.
Minerva Cardioangiol 21:197-211, Mar 73 (Ita)
ACETYLCHOLINE, pharmacodynamics/ AGED/ ANIMAL EXPERIMENTS/ *ARTERIAL OCCLUSIVE DISEASES, drug therapy/ CEREBROVASCULAR CIRCULATION, drug effects/ CEREBROVASCULAR DISORDERS, chemically induced/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ HUMAN/ MIDDLE AGE/ NICOTINIC ACID, pharmacodynamics/ PHENTOLAMINE, pharmacodynamics/ *PHENTOLAMINE, therapeutic use/ RABBITS/ VASODILATOR AGENTS, adverse effects/ *VASODILATOR AGENTS, therapeutic use

6234. **Prathap K:** Spontaneous aortic lesions in wild adult Malaysian long-tailed monkeys (Macaca irus).
J Pathol 110:135-43, Jun 73
ANIMAL EXPERIMENTS/ AORTA, ABDOMINAL, pathology/ AORTA, THORACIC, pathology/ AORTIC DISEASES, blood/ AORTIC DISEASES, pathology/ AORTIC DISEASES, veterinary/ ARTERIOSCLEROSIS, pathology/ CHOLESTEROL, blood/ ELASTIC TISSUE, pathology/ ENDOPLASMIC RETICULUM/ ENDOTHELIUM, pathology/ FATTY STREAK, ARTERIAL, pathology/ FATTY STREAK, ARTERIAL, veterinary/ HISTOCYTOCHEMISTRY/ LIPIDS/ MACACA/ MALE/ MONKEY DISEASES, blood/ *MONKEY DISEASES, pathology/ MONKEYS/ MUSCLE CONTRACTION/ MUSCLE, SMOOTH, pathology/ STAINS AND STAINING

6235. **Prathap K:** The morphology of two-year-old healed platelet-rich thrombi in femoral arteries of normocholesterolaemic monkeys: light-and electron-microscope observations.
J Pathol 110:145-51, Jun 73
ANIMAL EXPERIMENTS/ ARTERIOSCLEROSIS, pathology/ BASEMENT MEMBRANE/ BLOOD PLATELETS/ CAROTID ARTERIES/ CELL MEMBRANE/ CHOLESTEROL, blood/ CYTOPLASM/ ELASTIN/ ENDOPLASMIC RETICULUM/ ENDOTHELIUM, pathology/ FEMORAL ARTERY/ HARDNESS/ LIPIDS/ MACACA/ MALE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ MONKEYS/ MUSCLE, SMOOTH, pathology/ PINOCYTOSIS/ RIBOSOMES/ STAINS AND STAINING/ SUTURES/ *THROMBOSIS, pathology/ TIME FACTORS

6236. **Prathap K:** Surface lining cells of healing thrombi in rat femoral veins: an electron-microscope study.
J Pathol 107:1-8, May 72
ANIMAL EXPERIMENTS/ BLOOD PLATELETS/ COLD/ FEMORAL VEIN, injuries/ *FEMORAL VEIN, pathology/ ISCHEMIA/ LYMPHOCYTES/ MALE/ MICROSCOPY, ELECTRON/ NECROSIS, etiology/ RATS/ THROMBIN/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, pathology/ *WOUND HEALING

6237. **Pratt JH:** Wound healing--evisceration.
Clin Obstet Gynecol 16:126-34, Jun 73
FEMALE/ HEMATOMA, etiology/ HEMATOMA, pathology/ HEMORRHAGE, etiology/ HUMAN/ OBESITY, complications/ *POSTOPERATIVE COMPLICATIONS/ *SURGICAL WOUND DEHISCENCE/ SURGICAL WOUND DEHISCENCE, surgery/ *SURGICAL WOUND INFECTION/ *WOUND HEALING

6238. **Pratt-Johnson JA, Drance SM:** Surgical treatment of

dysthyroid restriction syndromes.
Can J Ophthalmol 7:405-12, Oct 72
ADHESIONS, surgery/ ADULT/ AGED/ *CONNECTIVE TISSUE/ CONNECTIVE TISSUE, surgery/ DIAGNOSIS, DIFFERENTIAL/ FASCIA, surgery/ FEMALE/ GOITER, EXOPHTHALMIC, complications/ HUMAN/ *HYPERTHYROIDISM, complications/ HYPERTHYROIDISM, diagnosis/ MALE/ MIDDLE AGE/ MUSCULAR DISEASES, diagnosis/ *MUSCULAR DISEASES, etiology/ MUSCULAR DISEASES, surgery/ OCULOMOTOR PARALYSIS, diagnosis/ POSTOPERATIVE COMPLICATIONS/ PREGNANCY/ STRABISMUS, diagnosis/ *STRABISMUS, etiology/ STRABISMUS, surgery/ SYNDROME

6239. **Preibisz J:** Studies of the behavior of 5-hydroxyindoleacetic acid in experimental pulmonary embolism. Pol Med J 11:1163-71, 1972
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD PLATELETS, metabolism/ BLOOD PRESSURE, drug effects/ CARBON DIOXIDE, blood/ CELL AGGREGATION, drug effects/ DOGS/ HEPARIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ *HYDROXYINDOLEACETIC ACID, blood/ METHYSERGIDE, pharmacodynamics/ OXYGEN, blood/ PARTIAL PRESSURE/ PULMONARY ARTERY/ *PULMONARY EMBOLISM, blood/ PULMONARY EMBOLISM, physiopathology/ SEROTONIN, antagonists & inhibitors/ SEROTONIN, metabolism/ SEROTONIN, physiology/ TIME FACTORS

6240. **Prensky AL, Gado M:** Angiographic resolution of a neonatal intracranial cavernous hemangioma coincident with steroid therapy. Case report.
J Neurosurg 39:99-103, Jul 73
BLOOD PLATELET DISORDERS, chemically induced/ BRAIN NEOPLASMS, diagnosis/ *BRAIN NEOPLASMS, drug therapy/ BRAIN NEOPLASMS, radiography/ CASE REPORT/ *CEREBRAL ANGIOGRAPHY/ CEREBRAL ARTERIOVENOUS MALFORMATIONS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HEMANGIOMA, CAVERNOUS, diagnosis/ *HEMANGIOMA, CAVERNOUS, drug therapy/ HEMANGIOMA, CAVERNOUS, radiography/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, drug therapy/ PREDNISONE, administration & dosage/ PREDNISONE, adverse effects/ *PREDNISONE, therapeutic use/ RADIOISOTOPE SCANNING

6241. **Prentice CR, Hassanein AA, McNicol GP, et al:** Studies on blood coagulation, fibrinolysis and platelet function following exercise in normal and splenectomized people.
Br J Haematol 23:541-52, Nov 72
ADENOSINE DIPHOSPHATE, pharmacodynamics/ AMINOCAPROIC ACID, pharmacodynamics/ ANTIGENS, analysis/ *BLOOD COAGULATION/ BLOOD COAGULATION FACTORS, analysis/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, physiology/ *EXERTION/ FACTOR VIII, analysis/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HUMAN/ PHOSPHOLIPIDS, blood/ PLASMINOGEN, analysis/ PLATELET ADHESIVENESS/ SPLEEN, physiology/ *SPLENECTOMY

6242. **Presant CA, Kornfeld S:** Characterization of the cell surface receptor for the Agaricus bisporus hemagglutinin. J Biol Chem 247:6937-45, 10 Nov 72
ANIMAL EXPERIMENTS/ BINDING SITES/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, DISK/ ERYTHROCYTES, drug effects/ ERYTHROCYTES, metabolism/ GALACTOSIDASE/ GEL FILTRATION/ GLYCOPEPTIDES, antagonists & inhibitors/ GLYCOPEPTIDES, pharmacodynamics/ HAPTENS/ HEMAGGLUTINATION INHIBITION TESTS/ HEMAGGLUTINATION TESTS/ HUMAN/ IODINE ISOTOPES/ LEUKEMIA, LYMPHOCYTIC, blood/ LEUKEMIA, LYMPHOCYTIC, metabolism/ *LYMPHOCYTES, metabolism/ MUSHROOMS/ NEURAMINIC ACIDS/ PERIODIC ACIDS/ PLANT AGGLUTININS, isolation & purification/ *PLANT AGGLUTININS, metabolism/ PRONASE/ TRYPSIN, pharmacodynamics

6243. **Presant CA, Safdar SH:** Oxymetholone in myelofibrosis and chronic lymphocytic leukemia.
Arch Intern Med 132:175-8, Aug 73
AGED/ *ANEMIA, APLASTIC, drug therapy/ ANEMIA, APLASTIC, etiology/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ CHRONIC DISEASE/ EDEMA, chemically induced/ FEMALE/ HEMOGLOBINOMETRY/ HEPATITIS, TOXIC, etiology/ HUMAN/ LEUKEMIA, LYMPHOCYTIC, complications/ *LEUKEMIA, LYMPHOCYTIC, complications/ MALE/ MIDDLE AGE/ MYELOFIBROSIS, complications/ *MYELOFIBROSIS, complications/ OXYMETHOLONE, administration & dosage/ OXYMETHOLONE, adverse effects/ *OXYMETHOLONE, therapeutic use/ RETICULOCYTES/ URIC ACID, blood/ VIRILISM, chemically induced

6244. **Preston FE, Edwards IR:** Postpartum purpura fulminans: successful management with streptokinase. Br Med J 3:329-30, 11 Aug 73
ADULT/ FEMALE/ HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ PHENINDIONE, adverse effects/ PHENINDIONE, therapeutic use/ PHLEBOGRAPHY/ PREGNANCY/ *PUERPERAL DISORDERS, drug therapy/ *PURPURA, drug therapy/ *STREPTOKINASE, therapeutic use/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, radiography/ VITAMIN K, adverse effects/ VITAMIN K, therapeutic use

6245. **Preston FE, Malia RG, Sworn MJ, et al:** Intravascular coagulation and renal failure in E. coli septicaemia.
J Clin Pathol 25:1006-7, Nov 72
ANURIA, etiology/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *ESCHERICHIA COLI INFECTIONS, complications/ FIBRIN, metabolism/ HUMAN/ *KIDNEY FAILURE, CHRONIC, etiology/ *SEPTICEMIA, complications

6246. **Preston FE, Malia RG, Sworn MJ, et al:** Intravascular coagulation and E. coli septicaemia.
J Clin Pathol 26:120-5, Feb 73
ANEMIA, HEMOLYTIC, complications/ AUTOPSY/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ ERYTHROCYTE COUNT/ *ESCHERICHIA COLI INFECTIONS, complications/ ESCHERICHIA COLI INFECTIONS, pathology/ FEMALE/ FIBRIN, urine/ HEMOGLOBINOMETRY/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INFANT, NEWBORN/ INJECTIONS, INTRAVENOUS/ LEUKOCYTE COUNT/ MALE/ MIDDLE AGE/ RETICULOCYTES/ *SEPTICEMIA, complications/ SEPTICEMIA, pathology/ UREA, blood

6247. **Preud'homme JL, Seligmann M:** Surface bound immunoglobulins as a cell marker in human lymphoproliferative diseases. Blood 40:777-94, Dec 72
ANTIGENIC DETERMINANTS/ AUTOANTIBODIES, analysis/ *BINDING SITES, ANTIBODY/ BONE MARROW CELLS, immunology/ CELL MEMBRANE, immunology/ FLUORESCENT ANTIBODY TECHNIC/ GEL DIFFUSION TESTS/ HEAVY CHAIN DISEASE, immunology/ HUMAN/ IGM/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ *IMMUNOGLOBULINS/ LEUKEMIA, LYMPHOCYTIC, immunology/ LYMPH NODES,

cytology/ *LYMPHATIC DISEASES, immunology/ LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES, immunology/ MACROGLOBULINEMIA, immunology/ *MYELOPROLIFERATIVE DISORDERS, immunology/ PLASMA CELLS, immunology/ RABBITS, immunology/ RETICULOENDOTHELIOSIS, immunology/ TRYPSIN, pharmacodynamics

6248. **Preusser KP, Neef H, Stintz AR:** Gerinnungsstörungen in der Chirurgie. (Nottfalldiagnostik--Notfalltherapie.
Zentralbl Chir 97:1521-34, 28 Oct 72 (Ger)
ADOLESCENCE/ ADULT/ AGED/ APPENDECTOMY/ *BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION DISORDERS, therapy/ BLOOD COAGULATION TESTS/ BRONCHIAL NEOPLASMS, surgery/ CHILD/ CLOT RETRACTION/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ ESOPHAGEAL VARICES, surgery/ FEMALE/ HEMORRHAGIC DIATHESIS, diagnosis/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ PROSTATECTOMY/ SPLENECTOMY/ SURGERY, OPERATIVE

6249. **Preussner S, Frick G:** Erste Ergebnisse der klinischen Verträglichkeitstestung von Antihumanlymphozytenglobulin (AHLG-Dessau.
Folia Haematol (Leipz) 98:31-45, 1972 (Ger)
ANEMIA, HEMOLYTIC, AUTOIMMUNE, drug therapy/ *ANTILYMPHOCYTE SERUM, therapeutic use/ BLOOD PLATELETS/ BLOOD PRESSURE/ BODY TEMPERATURE/ COLONIC DISEASES, FUNCTIONAL, drug therapy/ *DRUG TOLERANCE/ ENGLISH ABSTRACT/ ENZYME TESTS/ ERYTHROCYTE COUNT/ HEMOGLOBINOMETRY/ HORSES, immunology/ HUMAN/ IGG, therapeutic use/ LEUKOCYTE COUNT/ LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ LYMPHOCYTES/ MULTIPLE SCLEROSIS, drug therapy/ MYASTHENIA GRAVIS, drug therapy/ PULSE/ SARCOIDOSIS, drug therapy

6250. **Préval C de, Fougereau M:** Determination of the primary structure of a mouse G2a immunoglobulin. Identification of the disulfide bridges.
Eur J Biochem 30:452-62, 7 Nov 72
ALKYLATION/ AMINO ACID SEQUENCE/ AUTORADIOGRAPHY/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, ION EXCHANGE/ CYANOGEN BROMIDE/ CYSTEINE/ *DISULFIDES, analysis/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ *IGG, analysis/ *IMMUNOGLOBULIN FRAGMENTS, analysis/ IMMUNOGLOBULIN FRAGMENTS, isolation & purification/ MACROMOLECULAR SYSTEMS/ MICE, immunology/ PAPAIN/ PEPSIN/ PEPTIDES/ PLASMACYTOMA, immunology/ PROTEIN CONFORMATION/ TRYPSIN

6251. **Prezioso G, Palmieri F, Quagliariello E:** Kinetic study of the effect of uncouplers on substrate uptake by rat-liver mitochondria. J Bioenerg 3:377-85, Aug 72
ANIMAL EXPERIMENTS/ BENZIMIDAZOLES, pharmacodynamics/ BISHYDROXYCOUMARIN, pharmacodynamics/ CARBON ISOTOPES/ CITRATES, metabolism/ DINITROPHENOLS, pharmacodynamics/ HYDRAZONES, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ KETOGLUTARIC ACID, metabolism/ KINETICS/ MITOCHONDRIA, LIVER, drug effects/ *MITOCHONDRIA, LIVER, metabolism/ NITRILES, pharmacodynamics/ OXIDATIVE PHOSPHORYLATION, drug effects/ PENTACHLOROPHENOL, pharmacodynamics/ PHENYLHYDRAZINE, pharmacodynamics/ PHOSPHATES, metabolism/ PHOSPHORUS ISOTOPES/ RATS/ SUCCINATES, metabolism/ TRITIUM/ *UNCOUPLING AGENTS, pharmacodynamics

6252. **Pribor DB, Pribor HC:** Studies with dextran 40 in cryopreservation of blood.
Cryobiology 10:93-103, Jun 73
*BLOOD PRESERVATION/ BUFFERS/ CELL SURVIVAL/ COLD/ COLORIMETRY/ *CRYOPROTECTIVE AGENTS, pharmacodynamics/ *DEXTRAN, pharmacodynamics/ DEXTRAN, toxicity/ *ERYTHROCYTES, drug effects/ FREEZING/ HEMOLYSIS, drug effects/ HUMAN/ PHOSPHATES/ SODIUM CHLORIDE/ SUSPENSIONS/ TIME FACTORS

6253. **Price AR, Fogt SM:** Deoxythymidylate phosphohydrolase induced by bacteriophage PBS2 during infection of Bacillus subtilis.
J Biol Chem 248:1372-80, 25 Feb 73
BACILLUS SUBTILIS/ *BACILLUS SUBTILIS, enzymology/ *BACTERIOPHAGE/ DEOXYRIBONUCLEOTIDES/ DNA, VIRAL/ ENZYME INDUCTION/ FLUORIDES/ HEAT/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MOLECULAR WEIGHT/ MUTATION/ NUCLEOTIDASES, antagonists & inhibitors/ *NUCLEOTIDASES, biosynthesis/ NUCLEOTIDASES, isolation & purification/ PURINE NUCLEOTIDES/ PYRIMIDINE NUCLEOTIDES/ STRUCTURE-ACTIVITY RELATIONSHIP/ SULFHYDRYL REAGENTS/ THYMIDYLATE SYNTHETASE/ THYMINE/ THYMINE NUCLEOTIDES/ TRYPSIN/ URACIL/ URACIL NUCLEOTIDES

6254. **Price GB, McCulloch EA, Till JE:** A new human low molecular weight granulocyte colony stimulating activity. Blood 42:341-8, Sep 73
*BONE MARROW CELLS/ CELL ADHESION/ *CELL DIVISION/ CELLS, CULTURED/ CLONE CELLS/ *CULTURE MEDIA/ GEL FILTRATION/ GLASS/ HUMAN/ *LEUKOCYTES/ MOLECULAR WEIGHT/ TRYPSIN, pharmacodynamics/ ULTRAFILTRATION

6255. **Price HP, Sollod N, Scott SM, et al:** Unusual coronary emboli associated with coronary arteriography.
Chest 63:698-700, May 73
*ANGIOCARDIOGRAPHY, mortality/ BLOOD PLATELETS/ *CORONARY DISEASE, etiology/ CORONARY DISEASE, mortality/ CORONARY DISEASE, pathology/ CORONARY VESSELS, pathology/ *EMBOLISM, etiology/ EMBOLISM, mortality/ EMBOLISM, pathology/ FIBRIN/ HEART CATHETERIZATION, mortality/ HUMAN/ MALE/ METHODS/ MIDDLE AGE

6256. **Price HV:** Controlled clinical trial of corticosteroid therapy in prophylaxis of respiratory distress syndrome. Arch Dis Child 48:325, Apr 73
BLOOD COAGULATION TESTS/ BLOOD GAS ANALYSIS/ BLOOD SUGAR/ HUMAN/ HYDROCORTISONE, blood/ *HYDROCORTISONE, therapeutic use/ INFANT, NEWBORN/ *RESPIRATORY DISTRESS SYNDROME, prevention & control

6257. **Pride GL, Cleary RE, Hamburger RJ:** Disseminated intravascular coagulation associated with tetracycline-induced hepatorenal failure during pregnancy. Am J Obstet Gynecol 115:585-6, 15 Feb 73
*DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ *FATTY LIVER, chemically induced/ FEMALE/ HUMAN/ *KIDNEY FAILURE, ACUTE, chemically induced/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ *TETRACYCLINE, adverse effects

6258. **Prill A:** Stellungnahme zur Diskussion von Herrn Dr. Manz: Streptasebehandlung bei frischen intrakraniellen Geässverschlüssen? und Schlusswort zur Arbeit Dahlmann u. Mitarb.: Thrombolyse eines partiellen Verschlusses der Arteria cerebri media (diese Z. 43, 272-277 1972.
Nervenarzt 43:526, Oct 72 (Ger)
*CEREBRAL EMBOLISM AND THROMBOSIS, drug therapy/ CEREBRAL HEMORRHAGE, chemically induced/ ENCEPHALOMALACIA, complications/ HUMAN/ STREPTOKINASE,

adverse effects/ *STREPTOKINASE, therapeutic use/ TIME FACTORS

6259. **Pritchard JA:** Heparin in disseminated intravascular coagulation. Am J Obstet Gynecol 115:871-2, 15 Mar 73
*DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ FEMALE/ FIBRINOGEN, analysis/ *HEPARIN, therapeutic use/ HUMAN/ PREGNANCY/ TIME FACTORS

6260. **Privé L:** Hémangiopéricytome.
Vie Med Can Fr 1:587, Jun 72 (Fre)
ADULT/ FEMALE/ *HEMANGIOPERICYTOMA/ HUMAN/ *NECK NEOPLASMS

6261. **Probst C:** Die plastische Deckung von Schädelkalotten- und von frontobasalen Defekten mit frischem, autologem Rippenknorpel (Diced Cartilage.
Neurochirurgia (Stuttg) 16:105-12, Jul 73 (Ger)
ADOLESCENCE/ ADULT/ ANTIBIOTICS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ BRAIN INJURIES, ACUTE, complications/ *CARTILAGE, transplantation/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE CARE/ RIBS, surgery/ *SKULL, surgery/ *TRANSPLANTATION, AUTOLOGOUS

6262. **Probst C:** Klinisch symptomose oder symptomarme raumfordernde intrakranielle Hämatome.
Schweiz Arch Neurol Neurochir Psychiatr 111:377-91, 1972 (Ger)
ACCIDENTS, INDUSTRIAL/ ACCIDENTS, TRAFFIC/ ADULT/ AGED/ BRAIN INJURIES, ACUTE, complications/ CEREBRAL HEMORRHAGE, diagnosis/ CEREBRAL HEMORRHAGE, etiology/ *CEREBRAL HEMORRHAGE, physiopathology/ CEREBRAL HEMORRHAGE, surgery/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HEAD INJURIES, complications/ *HEMATOMA, physiopathology/ HEMATOMA, EPIDURAL, physiopathology/ HUMAN/ INTRACRANIAL PRESSURE/ MALE/ MIDDLE AGE/ NEUROLOGIC MANIFESTATIONS/ REMISSION

6263. **Probst E, Lüscher F:** Studies on thrombosthenin a, the actin-like moiety of the contractile protein from blood platelets. I. Isolation, characterization and evidence for two forms of thrombosthenin A.
Biochim Biophys Acta 278:577-84, 31 Oct 72
ACTIN/ ADENOSINE TRIPHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, analysis/ BLOOD PLATELETS, enzymology/ BLOOD PROTEINS, analysis/ *BLOOD PROTEINS, isolation & purification/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ HUMAN/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ MUSCLES, enzymology/ MYOSIN/ NUCLEOTIDES, analysis/ PRECIPITATION/ RABBITS/ SODIUM DODECYL SULFATE/ VISCOSITY

6264. **Prokhorova NI, El'ianov BS, Gonikberg MG, et al:** Vliianie vysokogo davleniia na stereospetsifichnost' fermentativnykh reaktsii.
Biokhimiia 37:742-7, Jul-Aug 72 (Rus)
AMINO ACIDS/ ATMOSPHERIC PRESSURE/ *CHYMOTRYPSIN/ ENGLISH ABSTRACT/ ESTERS/ HYDROLYSIS/ STEREOISOMERS

6265. **Prokopowicz D:** Einige Indices des sog. Syndroms der akuten Phase im Verlauf der Salmonellosen.
Zentralbl Bakteriol [Orig A] 220:526-31, Jun 72 (Ger)
ADOLESCENCE/ ADULT/ AGED/ ALPHA GLOBULIN, analysis/ BLOOD PROTEINS, analysis/ C-REACTIVE PROTEIN/ CHILD/ CROSS REACTIONS/ ELECTROPHORESIS, PAPER/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, analysis/ GLUCOSAMINE, blood/ HUMAN/ LEUKOCYTE COUNT/ MALE/ MIDDLE AGE/ POLAND/ SALMONELLA INFECTIONS, blood/ *SALMONELLA INFECTIONS, diagnosis/ SALMONELLA INFECTIONS, occurrence

6266. **Proksch GJ, Routh JI, Smith JM, et al:** Immunological relationship of the urinary trypsin inhibitor to a plasma -globulin. Clin Biochem 5:242-5, Dec 72
*ALPHA GLOBULIN, analysis/ ANTIBODIES/ ANTIGENS, analysis/ FEMALE/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS/ MALE/ PRECIPITINS, analysis/ PREGNANCY/ RABBITS, immunology/ TRYPSIN INHIBITORS, isolation & purification/ *TRYPSIN INHIBITORS, urine/ URINE, immunology

6267. **Prokůpek K:** Některé jevy provázející letální šok vyvolaný kulturou Bacillus cereus.
Vet Med (Praha) 18:379-88, Jun 73 (Cze)
ANIMAL EXPERIMENTS/ *BACILLUS CEREUS, pathogenicity/ BACTERIAL INFECTIONS, complications/ ENGLISH ABSTRACT/ FEVER, etiology/ GUINEA PIGS/ HAMSTERS/ LEUKOCYTE COUNT/ LEUKOPENIA, etiology/ LYMPHOCYTES/ NEUTROPHILS/ PERITONEAL CAVITY, microbiology/ PHAGOCYTOSIS/ RABBITS/ *SHOCK, ENDOTOXIC, etiology/ THROMBOPENIA, etiology

6268. **Pronina NB, Neznaĭko NF, Mukhin EN, et al:** Vliianie razlichnykh kofaktorov na fotosinteticheskoe fosforilirovanie i tushenie fluorestsentsii khloroplastov.
Biofizika 17:629-34, Jul-Aug 72 (Rus)
*CHLOROPHYLL, metabolism/ *CHLOROPLASTS, metabolism/ COENZYMES/ ENGLISH ABSTRACT/ FLUORESCENCE/ *PHENAZINES, pharmacodynamics/ PHOTOPHOSPHORYLATION/ *PHOTOSYNTHESIS/ SULFATES, pharmacodynamics/ *VITAMIN K, pharmacodynamics

6269. **Propker M, Pongracz M:** A new method for the assay of orally active hypolipaemic agents.
J Pharm Pharmacol 24:823-5, Oct 72
ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ *CORTICOTROPIN, antagonists & inhibitors/ *FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ *HEPARINOID, pharmacodynamics/ INJECTIONS, SUBCUTANEOUS/ MALE/ METHODS/ RABBITS

6270. **Prorokova VK, Akkerman LI:** Osobennosti klinicheskogo techeniia i terapii poslerodovykh metrotromboflevitov.
Vopr Okhr Materin Det 17:69-72, Feb 72 (Rus)
ADULT/ ANTIBIOTICS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ PREGNANCY/ *PUERPERAL DISORDERS/ PUERPERAL DISORDERS, diagnosis/ PUERPERAL DISORDERS, drug therapy/ *THROMBOPHLEBITIS/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, drug therapy/ *UTERUS, blood supply

6271. **Prost-Dvojakovic RJ, Bertin-Beniakhal H:** Mesure électronique de la répartition des volumes plaquettaires.
Pathol Biol (Paris) 21:213-22, Feb 73 (Fre)
BLOOD CELL COUNT/ *BLOOD PLATELETS/ CELL AGGREGATION/ ELECTRONICS, MEDICAL/ ENGLISH ABSTRACT/ HUMAN/ METHODS

6272. **Protsenko VA, Spitsyn IF, Karpitskii VV:** metod poluchenila krolich'ikh pretsipitiruiushchikh syvorotok s vysokim titrom antitel k kallikreinu i tripsinu. Lab Delo 7:438-9, 1972 (Rus)
*ANTIBODIES/ *IMMUNE SERUMS/ *KALLIKREIN/ RABBITS, immunology/ *TRYPSIN

6273. **Prout RE, Tring FC:** Dentinogenesis in incisors of rats deficient in essential fatty acids.
J Comp Neurol 52:462-6, May-Jun 73
ANIMAL EXPERIMENTS/ DEFICIENCY DISEASES/ *DENTINOGENESIS, drug effects/ DIET, ATHEROGENIC/ *FATTY ACIDS, ESSENTIAL/ INCISOR/ RATS

6274. **Provan JL, Thomson C:** Natural history of thrombophlebitis and its relationship to pulmonary embolism. Can J Surg 16:284-9, Jul 73
FIBRINOGEN, diagnostic use/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, diagnosis/ *PULMONARY EMBOLISM, etiology/ RADIOISOTOPE SCANNING/ *THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, diagnosis/ THROMBOSIS, diagnosis

6275. **Prudlov B, Ushakova VI, Egorov NS:** Vliianie razlichnykh soedinenii ugleroda na obrazovanie proteoliticheskikh fermentov Fusarium graminearum i Alternaria sp.
Mikrobiologiia 41:791-7, Sep-Oct 72 (Rus)
CITRATES/ CULTURE MEDIA/ ENGLISH ABSTRACT/ FUMARATES/ FUSARIUM, enzymology/ GLUCOSE/ LACTATES/ MALATES/ MALTOSE/ MANNITOL/ *MONILIALES, enzymology/ *PEPTIDE HYDROLASES, biosynthesis/ PYRUVATES/ SORBITOL/ STARCH/ SUCCINATES/ SUCROSE

6276. **Pruett RC, Calabria GA, Schepens CL:** Collagen vitreous substitute. I. Experimental study.
Arch Ophthalmol 88:540-3, Nov 72
ANIMAL EXPERIMENTS/ ASPERGILLUS, enzymology/ CATTLE/ CHOROID, pathology/ *COLLAGEN/ COLLAGEN, radiation effects/ COMPARATIVE STUDY/ DISEASE MODELS, ANIMAL/ EYE DISEASES, pathology/ EYE DISEASES, surgery/ FEEDING BEHAVIOR/ FOLLOW-UP STUDIES/ FUNDUS OCULI/ GELS, radiation effects/ INFLAMMATION, chemically induced/ INJECTIONS/ MONKEYS/ OPHTHALMIC SOLUTIONS/ PEPTIDE HYDROLASES, metabolism/ PHOTOGRAPHY/ PRECIPITATION/ RETINA, pathology/ RETINAL DETACHMENT, surgery/ ULTRAVIOLET RAYS/ *VITREOUS BODY/ VITREOUS BODY, pathology

6277. **Pruitt BA Jr, Foley FD:** The use of biopsies in burn patient care. Surgery 73:887-97, Jun 73
BACTERIAL INFECTIONS, diagnosis/ BIOPSY/ BODY TEMPERATURE/ BURNS, drug therapy/ *BURNS, pathology/ BURNS, ELECTRIC, pathology/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ HUMAN/ MYCOSES, diagnosis/ NECROSIS, diagnosis/ THROMBOPHLEBITIS, diagnosis/ VIRUS DISEASES, diagnosis/ WOUND INFECTION, diagnosis

6278. **Pruitt BA Jr, Moylan JA Jr:** Current management of thermal burns. Adv Surg 6:237-88, 1972 (129 ref.)
ANALGESICS AND ANTIPYRETICS, therapeutic use/ ANTIBIOTICS, therapeutic use/ BANDAGES/ BLOOD COAGULATION DISORDERS, etiology/ BURNS, complications/ BURNS, drug therapy/ BURNS, immunology/ BURNS, metabolism/ BURNS, surgery/ *BURNS, therapy/ CONTRACTURE, etiology/ EAR, injuries/ EYE INJURIES, therapy/ GASTROINTESTINAL DISEASES, etiology/ HUMAN/ INTUBATION/ PNEUMONIA, etiology/ RESUSCITATION/ REVIEW/ SKIN, transplantation/ THROMBOPHLEBITIS, etiology/ TRACHEOTOMY/ TRANSPLANTATION, AUTOLOGOUS

6279. **Pruzanski W, Watt JG:** Serum viscosity and hyperviscosity syndrome in IgG multiple myeloma. Report on 10 patients and a review of the literature.
Ann Intern Med 77:853-60, Dec 72
ADULT/ AGED/ BENCE JONES PROTEIN, urine/ BLOOD PROTEIN ELECTROPHORESIS/ *BLOOD VISCOSITY/ CRYOGLOBULINS, analysis/ FEMALE/ HUMAN/ *IGG, analysis/ IMMUNOELECTROPHORESIS/ MALE/ MELPHALAN, therapeutic use/ MIDDLE AGE/ *MULTIPLE MYELOMA, blood/ MULTIPLE MYELOMA, drug therapy/ MULTIPLE MYELOMA, immunology/ MULTIPLE MYELOMA, therapy/ MULTIPLE MYELOMA, urine/ PLASMAPHERESIS/ TEMPERATURE

6280. **Prytz H, Sloth K:** Hepatic coma in cirrhosis of the liver. The course and prognosis of 100 consecutive coma episodes. Scand J Gastroenterol 8:229-33, 1973
AGED/ ALKALINE PHOSPHATASE, blood/ AMMONIA, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BICARBONATES, blood/ BILIRUBIN, blood/ CHLORIDES, blood/ CREATININE, blood/ FEMALE/ HEPATIC COMA, complications/ *HEPATIC COMA, diagnosis/ HEPATIC COMA, mortality/ HUMAN/ *LIVER CIRRHOSIS, complications/ MALE/ MIDDLE AGE/ POTASSIUM, blood/ PROGNOSIS/ PROTHROMBIN, analysis/ SERUM ALBUMIN, analysis/ SERUM GLOBULINS, analysis/ SODIUM, blood

6281. **Pstružinová H:** Některé nové poznatky v oboru hemokoagulace.
Cas Lek Cesk 112:705-9, 1973 (Cze)
*BLOOD COAGULATION/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FIBRINOGEN, analysis/ HUMAN/ METHODS

6282. **Puca GA, Nola E, Sica V, et al:** Three protein kinases from calf uterus. Subcellular distribution and physical properties.
Biochem Biophys Res Commun 49:970-6, 15 Nov 72
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ ANIMAL EXPERIMENTS/ CASEIN/ CATTLE/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CYTOSOL, enzymology/ GEL FILTRATION/ HISTONES/ ISOELECTRIC FOCUSING/ MOLECULAR BIOLOGY/ MOLECULAR WEIGHT/ *PHOSPHOTRANSFERASES, analysis/ PHOSPHOTRANSFERASES, isolation & purification/ PROTAMINES/ PROTEIN BINDING/ SUBCELLULAR FRACTIONS, enzymology/ SUCROSE/ *UTERUS, enzymology

6283. **Puca GA, Nola E, Sica V, et al:** Estrogen-binding proteins of calf uterus. Interrelationship between various forms and identification of a receptor-transforming factor.
Biochemistry 11:4157-65, 24 Oct 72
AMMONIUM SULFATE/ ANIMAL EXPERIMENTS/ CALCIUM/ CATTLE/ CENTRIFUGATION, DENSITY GRADIENT/ CYTOPLASM, analysis/ ESTRADIOL/ *ESTROGENS/ FEMALE/ GEL FILTRATION/ ISOELECTRIC FOCUSING/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ OSMOLAR CONCENTRATION/ PRECIPITATION/ PROTEIN BINDING/ PROTEINS, isolation & purification/ *RECEPTORS, HORMONE/ TRITIUM/ TRYPSIN/ *UTERUS, analysis/ UTERUS, cytology

6284. **Pucak GJ, Lehner ND, Clarkson TB, et al:** Spider monkeys (Ateles sp.) as animal models for atherosclerosis research.
Exp Mol Pathol 18:32-49, Feb 73
ANIMAL EXPERIMENTS/ AORTA, analysis/ *ARTERIOSCLEROSIS/ ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, metabolism/ ARTERIOSCLEROSIS, pathology/ BODY WEIGHT/ CHOLESTEROL, blood/ CHOLESTEROL, DIETARY/ CORONARY VESSELS, analysis/ DIET, ATHEROGENIC/ *DISEASE MODELS, ANIMAL/ FATTY STREAK, ARTERIAL, metabolism/ FATTY STREAK, ARTERIAL, pathology/ FEMALE/ LIPOPROTEINS, blood/ MALE/ *MONKEYS/ PHOSPHOLIPIDS, metabolism/ TRIGLYCERIDES, metabolism

6285. **Puckett CL, Gervin AS, Rhodes GR, et al:** Role of platelets and serotonin in acute massive pulmonary embolism. Surg Gynecol Obstet 137:618-22, Oct 73
ACUTE DISEASE/ AIRWAY RESISTANCE/ ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ DOGS/ HEMATOCRIT/ HEPARIN, administration & dosage/ LUNG COMPLIANCE/ PULMONARY EMBOLISM, blood/ *PULMONARY EMBOLISM,

etiology/ PULMONARY EMBOLISM, physiopathology/ RESERPINE, administration & dosage/ *SEROTONIN, blood

6286. **Puech P:** Les embolies pulmonaires massives récentes: diagnostic et traitement.
Rev Med Liege 27:605-14, 15 Sep 72 (Fre)
ANTICOAGULANTS, therapeutic use/ HUMAN/ *PULMONARY EMBOLISM/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, surgery/ TIME FACTORS

6287. **Puett D:** Chain folding in ribonuclease A derivatives lacking five and six carboxyl-terminal residues.
Biochemistry 11:4304-7, 7 Nov 72
AMINO ACIDS, analysis/ CATALYSIS/ CIRCULAR DICHROISM/ DRUG STABILITY/ GUANIDINES/ KINETICS/ *PANCREAS, enzymology/ PEPSIN/ PEPTIDE PEPTIDOHYDROLASES/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ *RIBONUCLEASE/ RIBONUCLEASE, analysis/ SPECTROPHOTOMETRY/ TEMPERATURE/ THERMODYNAMICS/ ULTRAVIOLET RAYS

6288. **Puett D, Wasserman BK, Ford JD, et al:** Collagen-mediated platelet aggregation. Effects of collagen modification involving the protein and carbohydrate moieties.
J Clin Invest 52:2495-506, Oct 73
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BINDING SITES/ *BLOOD PLATELETS, drug effects/ *CARBOHYDRATES/ CARBOHYDRATES, analysis/ CATTLE/ CHICKENS/ *COLLAGEN, pharmacodynamics/ GALACTOSE, analysis/ GEL FILTRATION/ GLUCOSE, analysis/ GUINEA PIGS/ HUMAN/ OXIDATION-REDUCTION/ PERIODIC ACIDS/ *PLATELET ADHESIVENESS, drug effects/ PROTEIN BINDING/ *PROTEINS/ RATS/ SKIN

6289. **Puglionisi A, Di Giovanni V:** Problemi di terapia chirurgica delle trombosi venose acute degli arti.
Minerva Med 63:4825-6, 8 Dec 72 (Ita)
ACUTE DISEASE/ FEMORAL VEIN, surgery/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ ILIAC VEIN, surgery/ *LEG, blood supply/ STREPTOKINASE, therapeutic use/ THROMBOPHLEBITIS, drug therapy/ *THROMBOPHLEBITIS, surgery/ VALSALVA'S MANEUVER/ VENAE CAVAE, surgery

6290. **Pulgserver A, Vaugoyeau G, Desnuelle P:** On subunit II of bovine procarboxypeptidase A. Properties after alkaline dissociation.
Biochim Biophys Acta 276:519-30, 28 Aug 72
ACETONE/ AMIDES, analysis/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BINDING SITES/ CARBOXYPEPTIDASES, analysis/ *CARBOXYPEPTIDASES, isolation & purification/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSINOGEN/ ENZYME ACTIVATION/ *ENZYME PRECURSORS, isolation & purification/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ METHODS/ MOLECULAR WEIGHT/ *PANCREAS, enzymology/ PEPTIDE HYDROLASES, isolation & purification/ PHOSPHORUS ISOTOPES/ PROTEIN DENATURATION/ SWINE/ TRITIUM/ TRYPSIN/ ULTRACENTRIFUGATION

6291. **Pukhova IaI, Okladnikov IuN, Liubetskaia LS:** Issledovaniia allergennykh svoĭstv khlorelly.
Kosm Biol Med 6:23-8, Jan-Feb 72 (Rus)
*ALGAE, GREEN, immunology/ *ALLERGENS, analysis/ ALPHA GLOBULIN, metabolism/ *ANAPHYLAXIS, etiology/ ANAPHYLAXIS, immunology/ ANIMAL EXPERIMENTS/ *ANTIBODY FORMATION/ ANTISTREPTOLYSIN, metabolism/ BETA GLOBULIN, metabolism/ COMPLEMENT, metabolism/ ENGLISH ABSTRACT/ GAMMA GLOBULIN, metabolism/ HUMAN/ HYALURONIDASE, antagonists & inhibitors/ HYPERSENSITIVITY, blood/ *HYPERSENSITIVITY, etiology/ HYPERSENSITIVITY, immunology/ IGE, metabolism/ 17-KETOSTEROIDS, metabolism/ MURAMIDASE, metabolism/ RABBITS/ SHWARTZMAN PHENOMENON, etiology/ SHWARTZMAN PHENOMENON, immunology

6292. **Punsalang AP Jr, Sawyer WD:** Role of pili in the virulence of Neisseria gonorrhoeae.
Infect Immun 8:255-63, Aug 73
ABSORPTION/ ANIMAL EXPERIMENTS/ ANTIGENS, BACTERIAL/ BACTERIOLOGICAL TECHNICS/ CELL ADHESION/ EPITHELIUM, immunology/ FLUORESCENT ANTIBODY TECHNIC/ GEL DIFFUSION TESTS/ HEMADSORPTION/ HEMAGGLUTINATION TESTS/ IMMUNE SERUMS/ MICROSCOPY, ELECTRON/ NEISSERIA GONORRHOEAE, cytology/ NEISSERIA GONORRHOEAE, immunology/ OPSONINS/ PHAGOCYTOSIS/ RABBITS/ RABBITS, immunology/ TRYPSIN/ VIRULENCE

6293. **Purice S:** Terapia imunosupresivă.
Stud Cercet Med Interna 14:209-16, 1973 (48 ref.) (Rum)
ANEMIA, HEMOLYTIC, AUTOIMMUNE, drug therapy/ ARTHRITIS, RHEUMATOID, drug therapy/ AUTOIMMUNE DISEASES, drug therapy/ DERMATOMYOSITIS, drug therapy/ GLOMERULONEPHRITIS, drug therapy/ HEPATITIS, drug therapy/ HUMAN/ IMMUNOLOGIC DISEASES, drug therapy/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ LIVER CIRRHOSIS, drug therapy/ LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ MULTIPLE SCLEROSIS, drug therapy/ MYASTHENIA GRAVIS, drug therapy/ PURPURA, THROMBOPENIC, drug therapy/ REVIEW

6294. **Pussell BA, Pitney WR:** The use of anticoagulants in the prevention of venous thrombosis after myocardial infarction. Med J Aust 2:1101-3, 11 Nov 72
ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ CATHETERIZATION, adverse effects/ FALSE POSITIVE REACTIONS/ FEMALE/ FIBRINOGEN, diagnostic use/ HEPARIN, therapeutic use/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, complications/ *MYOCARDIAL INFARCT, drug therapy/ THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, occurrence/ *THROMBOPHLEBITIS, prevention & control/ WARFARIN, therapeutic use

Q

6295. **Qizilbash AH:** Halothane hepatitis.
Can Med Assoc J 108:171-7, 20 Jan 73
ADULT/ ALKALINE PHOSPHATASE, blood/ ANESTHESIA, INHALATION, adverse effects/ ASPARTATE AMINOTRANSFERASE, blood/ AUTOPSY/ BILIRUBIN, blood/ CHOLECYSTECTOMY/ COLOSTOMY/ CURETTAGE/ FEMALE/ *HALOTHANE, adverse effects/ HEPATITIS, TOXIC, blood/ *HEPATITIS, TOXIC, etiology/ HEPATITIS, TOXIC, mortality/ HEPATITIS, TOXIC, pathology/ HUMAN/ HYSTERECTOMY/ LIPOMA, surgery/ LIVER, pathology/ MALE/ MIDDLE AGE/ NECROSIS/ ONTARIO/ PROTHROMBIN TIME

6296. **Quabbe HJ, Bratzke HJ, Siegers U, et al:** Studies on the relationship between plasma free fatty acids and growth hormone secretion in man.
J Clin Invest 51:2388-98, Sep 72
ADULT/ BLOOD SUGAR, analysis/ *FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ GLUCOSE, administration & dosage/ GLUCOSE, pharmacodynamics/ HEPARIN, administration & dosage/ HEPARIN, pharmacodynamics/ HUMAN/ HYPOGLYCEMIA, chemically induced/ INSULIN/ INSULIN, administration & dosage/ LIPIDS, administration & dosage/ LIPIDS,

pharmacodynamics/ MALE/ NICOTINIC ACID, administration & dosage/ NICOTINIC ACID, pharmacodynamics/ NOREPINEPHRINE, administration & dosage/ NOREPINEPHRINE, pharmacodynamics/ SODIUM CHLORIDE, administration & dosage/ SOMATOTROPIN, blood/ *SOMATOTROPIN, secretion/ TIME FACTORS

6297. **Quattrini A, Bergonzi P, Signorini E:** Una forma mista di malattia di Sturge-Weber e di Klippel-Trénaunay.
Riv Neurobiol 17:415-26, Jul-Dec 71 (Ita)
*ANGIOMATOSIS/ ENGLISH ABSTRACT/ *EPILEPSY/ HUMAN/ INFANT/ INFANT, NEWBORN/ *PALATE, abnormalities/ *TOOTH ABNORMALITIES

6298. **Querinjean P, Bazin H, Beckers A, et al:** Transplantable immunoglobulin-secreting tumours in rats. Purification and chemical characterization of four kappa chains from LOU-Wsl rats.
Eur J Biochem 31:354-9, 4 Dec 72
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ ASCITIC FLUID, immunology/ *BENCE JONES PROTEIN, urine/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS, PAPER/ GEL DIFFUSION TESTS/ GEL FILTRATION/ IGG, analysis/ IMMUNOELECTROPHORESIS/ *IMMUNOGLOBULIN FRAGMENTS, analysis/ IMMUNOGLOBULIN FRAGMENTS, isolation & purification/ *MULTIPLE MYELOMA, blood/ NEOPLASMS, EXPERIMENTAL, blood/ PEPTIDES, analysis/ RATS/ TRYPSIN

6299. **Quick AJ:** Hemostasis and blood coagulation.
Science 182:87, 5 Oct 73
*BLOOD COAGULATION/ BLOOD COAGULATION FACTORS, physiology

6300. **Quick AJ:** Pain in haemophilia.
Lancet 1:999-1000, 5 May 73
*ACETAMINOPHEN, therapeutic use/ *ANALGESICS AND ANTIPYRETICS, adverse effects/ *ASPIRIN, adverse effects/ CODEINE, therapeutic use/ COLD, therapeutic use/ HEADACHE, drug therapy/ HEADACHE, etiology/ HEMARTHROSIS, drug therapy/ HEMARTHROSIS, etiology/ HEMOPHILIA, complications/ *HEMOPHILIA, complications/ HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HEMORRHAGE, GASTROINTESTINAL, prevention & control/ HUMAN/ MALE/ NEURALGIA, drug therapy/ NEURALGIA, etiology/ *PAIN/ *SODIUM SALICYLATE, therapeutic use

6301. **Quick AJ:** Quick on Quick's test.
N Engl J Med 288:1079, 17 May 73
HUMAN/ METHODS/ *NOMENCLATURE/ *PROTHROMBIN TIME/ PROTHROMBIN TIME, standards

6302. **Quick AJ:** Bleeding-time. Lancet 2:871, 21 Oct 72
*ASPIRIN, adverse effects/ *BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ COLD/ EAR, EXTERNAL, blood supply/ HEAT/ HEMOSTASIS/ HUMAN

6303. **Quick AJ:** Anticoagulants in pregnancy.
Am Heart J 84:284-5, Aug 72
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *ANTICOAGULANTS, adverse effects/ DOGS/ *FETAL DISEASES, chemically induced/ *FETUS, drug effects/ *HEMORRHAGE, chemically induced

6304. **Quick AJ:** Pharmacology of anticoagulants.
NY State J Med 73:1647-51, 15 Jun 73
*ANTICOAGULANTS, pharmacodynamics/ FACTOR VIII, antagonists & inhibitors/ FACTOR IX, antagonists & inhibitors/ FACTOR X, antagonists & inhibitors/ HEPARIN, pharmacodynamics/ HEPARIN, therapeutic use/ HUMAN/ THROMBOSIS, prevention & control/ VITAMIN K, antagonists & inhibitors

6305. **Quinton PM, Philpott CW:** A role for anionic sites in epithelial architecture. Effects of cationic polymers on cell membrane structure.
J Cell Biol 56:787-96, Mar 73
ANIMAL EXPERIMENTS/ CELL ADHESION, drug effects/ *CELL MEMBRANE, drug effects/ CELL MEMBRANE PERMEABILITY, drug effects/ EPITHELIAL CELLS, drug effects/ GALLBLADDER, cytology/ HEPARIN, pharmacodynamics/ *HISTONES, pharmacodynamics/ *LYSINE, pharmacodynamics/ MICROSCOPY, ELECTRON/ MITOCHONDRIAL SWELLING, drug effects/ *POLYMERS, pharmacodynamics/ *PROTAMINES, pharmacodynamics/ RABBITS

6306. **Quirin EP, Nelson DB, Inhorn SL:** Use of trypsin-modified human erythrocytes in rubella hemagglutination-inhibition testing.
Appl Microbiol 24:353-7, Sep 72
ABO FACTORS/ ADULT/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ ANTIGENS, VIRAL/ CHICKENS/ COOMBS' TEST/ DIAGNOSIS, DIFFERENTIAL/ *ERYTHROCYTES, immunology/ EVALUATION STUDIES/ FEMALE/ *HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ IMMUNE SERUMS/ METHODS/ PREGNANCY/ RH FACTORS/ *RUBELLA, diagnosis/ *RUBELLA VIRUS, immunology/ SERODIAGNOSIS/ *TRYPSIN

6307. **Quoraishi AH, Chalmers A, MacLaren DM:** The distribution of urease among coagulase-negative staphylococci and micrococci.
J Med Microbiol 5:pxii, Nov 72
COAGULASE/ *MICROCOCCUS, enzymology/ MICROCOCCUS, pathogenicity/ *STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, pathogenicity/ *UREASE, metabolism/ URINARY TRACT INFECTIONS, etiology

R

6308. **Rabaa MS, Bernier GM, Ratnoff OD:** Rapid detection of fibrinogen-related antigens in serum.
J Lab Clin Med 81:476-83, Mar 73
*ANTIGENS, analysis/ COMPARATIVE STUDY/ *FIBRINOGEN/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ METHODS/ RABBITS, immunology/ STAINS AND STAINING/ TIME FACTORS

6309. **Rabiner SF:** The effect of dialysis on platelet function of patients with renal failure.
Ann NY Acad Sci 201:234-42, 27 Oct 72
ADENOSINE DIPHOSPHATE, metabolism/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS/ COLLAGEN, pharmacodynamics/ *HEMODIALYSIS/ HUMAN/ *KIDNEY FAILURE, ACUTE, blood/ LIPOPROTEINS, blood/ PHENOLS, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ PROTHROMBIN/ UREMIA, blood

6310. **Rabiner SF:** Uremic bleeding.
Prog Hemostasis Thromb 1:233-50, 1972 (39 ref.)
ADENOSINE DIPHOSPHATE, metabolism/ BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ BLOOD PLATELET DISORDERS, blood/ BLOOD UREA NITROGEN/ GUANIDINES, pharmacodynamics/ HEMODIALYSIS/ *HEMORRHAGE, etiology/ HUMAN/ KIDNEY FAILURE, CHRONIC, blood/ PHENOLS, pharmacodynamics/ PHOSPHOLIPIDS/ REVIEW/ SUCCINATES, pharmacodynamics/ UREA, pharmacodynamics/ *UREMIA, complications

6311. **Rabinovitch M, DeStefano MJ:** Macrophage spreading in vitro. I. Inducers of spreading.
Exp Cell Res 77:323-34, 15 Mar 73
ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY COMPLEX/ CALCIUM/ *CELL ADHESION, drug effects/ CELL MEMBRANE/ CHYMOTRYPSIN,

pharmacodynamics/ CULTURE MEDIA/ CYTOCHALASIN B, pharmacodynamics/ CYTOLOGICAL TECHNICS/ *DITHIOTHREITOL, pharmacodynamics/ FEMALE/ HYDROGEN-ION CONCENTRATION/ IMMUNE SERUMS/ *MACROPHAGES, drug effects/ MAGNESIUM/ MICE/ OSMOLAR CONCENTRATION/ PAPAIN, pharmacodynamics/ *PEPTIDE HYDROLASES, pharmacodynamics/ PERITONEUM/ PHAGOCYTES/ PRONASE, pharmacodynamics/ SUBTILISINS, pharmacodynamics/ TEMPERATURE/ TRYPSIN, pharmacodynamics

6312. **Rabinowitz JL, Shapiro IM:** Interaction of lipids with acid-soluble bovine skin collagen.
Arch Oral Biol 18:295-6, Feb 73
ANIMAL EXPERIMENTS/ CATTLE/ CHROMATOGRAPHY/ CLOSTRIDIOPEPTIDASE A/ *COLLAGEN, analysis/ HYDROLYSIS/ *LIPIDS, analysis/ PEPSIN/ PEPTIDES, analysis/ *PROTEIN BINDING/ SKIN, analysis/ TRYPSIN

6313. **Raby C:** Pathologie et fonction coagulolytique.
Cah Anesthesiol 20:485-90 passim, Jul-Sep 72 (Fre)
*BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION TESTS/ *DISSEMINATED INTRAVASCULAR COAGULATION/ *FIBRINOLYSIS/ HUMAN

6314. **Raby C, Thiroloix P, Kermarec J, et al:** Hernie hiatale et maladié thrombo-embolique.
Nouv Presse Med 2:1987-8, 1 Sep 73 (Fre)
AGED/ *DIAPHRAGMATIC HERNIA, complications/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, prevention & control

6315. **Radcliffe RD, Barton PG:** The purification and properties of activated factor X. Bovine factor X activated with Russell's viper venom.
J Biol Chem 247:7735-42, 10 Dec 72
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BLOOD COAGULATION/ CARBOHYDRATES, analysis/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DIALYSIS/ ELECTROPHORESIS, DISK/ FACTOR X, analysis/ FACTOR X, antagonists & inhibitors/ *FACTOR X, isolation & purification/ GEL FILTRATION/ HUMAN/ ISOFLUROPHATE/ METHODS/ MOLECULAR WEIGHT/ PHOSPHORUS ISOTOPES/ PROTHROMBIN/ *SNAKES/ SODIUM DODECYL SULFATE/ SPECTROPHOTOMETRY, ULTRAVIOLET/ STIMULATION, CHEMICAL/ ULTRACENTRIFUGATION/ *VENOMS

6316. **Radcliffe RD, Barton PG:** Molecular characteristics of bovine factor X activated in concentrated sodium citrate solution.
Arch Biochem Biophys 155:381-90, Apr 73
AMINO ACIDS, analysis/ CARBOHYDRATES, analysis/ CATTLE/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, THIN LAYER/ *CITRATES/ CITRATES, pharmacodynamics/ DANSYL COMPOUNDS/ DIFFUSION/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ *FACTOR X/ FACTOR X, analysis/ FACTOR X, isolation & purification/ FACTOR X, metabolism/ GEL FILTRATION/ MERCAPTOETHANOL/ MOLECULAR WEIGHT/ SOLUTIONS/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TIME FACTORS

6317. **Rådegran K:** The effect of acetylsalicylic acid on the peripheral and pulmonary vascular responses to thrombin. Acta Anaesthesiol Scand 16:140-6, 1972
ANIMAL EXPERIMENTS/ *ASPIRIN, pharmacodynamics/ *BLOOD PRESSURE, drug effects/ DOGS/ FEMORAL ARTERY, drug effects/ INJECTIONS, INTRAVENOUS/ METHYSERGIDE, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ PULMONARY CIRCULATION, drug effects/ REGIONAL BLOOD FLOW, drug effects/ THROMBIN, administration & dosage/ *THROMBIN, antagonists & inhibitors/ THROMBIN, pharmacodynamics

6318. **Rådegran K, McAslan C:** Circulatory and ventilatory effects of induced platelet aggregation and their inhibition by acetylsalicylic acid.
Acta Anaesthesiol Scand 16:76-84, 1972
AIRWAY RESISTANCE, drug effects/ ANIMAL EXPERIMENTS/ *ASPIRIN, pharmacodynamics/ BLOOD CELL COUNT/ BLOOD PRESSURE, drug effects/ CARDIAC OUTPUT, drug effects/ DEPRESSION, CHEMICAL/ DOGS/ HEART RATE, drug effects/ *HEMODYNAMICS, drug effects/ LUNG COMPLIANCE, drug effects/ METHYSERGIDE, pharmacodynamics/ OXYGEN, blood/ PARTIAL PRESSURE/ *PLATELET ADHESIVENESS/ *PROTAMINES, antagonists & inhibitors/ PULMONARY ALVEOLI/ PULMONARY ARTERY/ *PULMONARY CIRCULATION, drug effects/ REGIONAL BLOOD FLOW/ *RESPIRATION, drug effects/ STIMULATION, CHEMICAL/ VAGOTOMY/ VASCULAR RESISTANCE, drug effects

6319. **Radloff RJ, Kaesberg P:** Electrophoretic and other properties of bacteriophage Q : the effect of a variable number of read-through proteins.
J Virol 11:116-28, Jan 73
AUTOANALYSIS/ BROMELAINS/ CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ *COLIPHAGES/ COLIPHAGES, analysis/ COLIPHAGES, growth & development/ COLIPHAGES, isolation & purification/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ESCHERICHIA COLI/ LYSOGENY/ METHODS/ MICROSCOPY, ELECTRON/ MUTATION/ PEPTIDES, analysis/ PRONASE/ SUBTILISINS/ SULFUR ISOTOPES/ TRITIUM/ TRYPSIN/ *VIRAL PROTEINS/ VIRAL PROTEINS, analysis

6320. **Radlovs'ka ZT, Guili MF, Chumachenko IuV, et al:** Porivnial'na kharakterystyka pervynnoï struktury syrovatkovoho al'buminu i m'iazovoho bilka fraktsii O.35-O.5 teliat 1 starykh koriv.
Ukr Biokhim Zh 43:557-62, Sep-Oct 71 (Ukr)
AGE FACTORS/ AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ CATTLE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ FEMALE/ *MUSCLE PROTEINS, analysis/ PEPTIDES, analysis/ *SERUM ALBUMIN, analysis/ SULFHYDRYL COMPOUNDS, analysis/ TRYPSIN, pharmacodynamics/ ULTRACENTRIFUGATION

6321. **Radmilo R, Skoklјev A, Dragoljub L:** Krvavljenja u stomatološkoj i oralnohirurškoj praksi.
Stomatol Glas Srb 240-3, Aug-Oct 72 (Cro)
ANTICOAGULANTS/ ENGLISH ABSTRACT/ HEMOPHILIA/ HEMORRHAGE, ORAL/ SPECIAL LIST DENTAL/ SURGERY, ORAL/ THROMBOPENIA/ TOOTH EXTRACTION

6322. **Radwan AI, Burger D:** The role of sensitizing antibody in the neutralization of equine arteritis virus by complement or anti-IgG serum.
Virology 53:366-71, Jun 73
*ANTI-ANTIBODIES/ *ANTIBODIES, VIRAL/ ANTIGEN-ANTIBODY COMPLEX/ CELLS, CULTURED/ *COMPLEMENT/ HORSES, immunology/ IGG/ IMMUNIZATION/ NEUTRALIZATION TESTS/ TIME FACTORS/ TRYPSIN, pharmacodynamics/ VERTEBRATE VIRUSES, UNCLASSIFIED, immunology/ VIBRATION

6323. **Radwan AI, Burger D, Davis WC:** The fate of sensitized equine arteritis virus following neutralization by complement of anti-IgG serum.
Virology 53:372-8, Jun 73
ANTIGEN-ANTIBODY COMPLEX/ CELL LINE/ *COMPLEMENT/ HORSES, immunology/ *IGG/ IMMUNIZATION/ NEUTRALIZATION TESTS/ RIBONUCLEASE/ RNA/ TRITIUM/ TRYPSIN/ TRYPSIN INHIBITORS/ URIDINE,

metabolism/ *VERTEBRATE VIRUSES, UNCLASSIFIED, immunology

6324. **Raff M, Seidl K:** Behandlung und Folgeerscheinungen schwerer Verbrennungen mit besonderer Berücksichtigung hypertropher Narbenbildungen.
Wien Med Wochenschr 123:282-7, 28 Apr 73 (Ger)
ADOLESCENCE/ ADULT/ AGED/ ANALGESICS AND ANTIPYRETICS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ BODY SURFACE AREA/ BURNS, drug therapy/ *BURNS, physiopathology/ BURNS, therapy/ BURNS, CHEMICAL/ CHILD/ CHILD, PRESCHOOL/ *CICATRIX, physiopathology/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ SHOCK, TRAUMATIC, drug therapy/ SKIN, transplantation/ TRANSPLANTATION, AUTOLOGOUS/ WATER-ELECTROLYTE BALANCE/ WOUND HEALING

6325. **Raff M, Wickenhauser J:** Unilaterale Enchondromatose mit multiplen Lymphangiokeratomen. Zur Nosologie des Maffucci-Syndroms.
Hautarzt 24:309-13, Jul 73 (Ger)
ACROMEGALY, diagnosis/ ADULT/ *ANGIOMATOSIS, diagnosis/ CHONDROMA, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ *DYSCHONDROPLASIA, diagnosis/ DYSCHONDROPLASIA, radiography/ FINGERS/ HUMAN/ KERATOSIS, pathology/ LYMPHANGIECTASIS, radiography/ LYMPHANGIOMA, diagnosis/ LYMPHANGIOMA, pathology/ LYMPHOGRAPHY/ MALE/ SKIN NEOPLASMS, diagnosis/ SKIN NEOPLASMS, pathology/ SYNDROME/ TOES

6326. **Raff MJ:** Lincomycin: thrombocytopenia?
Ann Intern Med 78:779, May 73
ALCOHOLISM, complications/ CASE REPORT/ HUMAN/ *LINCOMYCIN, adverse effects/ LINCOMYCIN, therapeutic use/ MALE/ MIDDLE AGE/ PNEUMONIA, ASPIRATION, complications/ PNEUMONIA, ASPIRATION, drug therapy/ *THROMBOPENIA, chemically induced

6327. **Raffelsberger R, Windischbauer G:** Porphyrie und Ileus. Wien Z Inn Med 53:285-8, 1972 (Ger)
FEMALE/ HUMAN/ *INTESTINAL OBSTRUCTION, etiology/ INTESTINAL OBSTRUCTION, radiography/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MIDDLE AGE/ *PORPHYRIA, complications/ PORPHYRIA, drug therapy/ VITAMIN B COMPLEX, therapeutic use

6328. **Raffler E von:** Medikamentöse Therapie in der Geriatrie. Z Allgemeinmed 48:1142-8, 10 Sep 72 (Ger)
*AGING/ ANABOLIC STEROIDS, therapeutic use/ *DRUG THERAPY/ HEPARIN, therapeutic use/ HUMAN/ HYPERLIPEMIA, drug therapy/ MINERALS, therapeutic use/ NICOTINIC ACID, therapeutic use/ PHOSPHOLIPIDS, therapeutic use/ PROCAINE, therapeutic use/ TISSUE EXTRACTS, therapeutic use/ TRACE ELEMENTS, therapeutic use/ VITAMINS, therapeutic use

6329. **Rafii MR, Hoffbauer H:** Ein Beitrag zur Pathogenese und Pathomorphologie der disseminierten intravasalen Gerinnung unter der Geburt.
Z Geburtshilfe Perinatol 176:207-16, Jun 72 (Ger)
ABORTION, complications/ ABRUPTIO PLACENTAE, complications/ ADULT/ CASE REPORT/ DEATH/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ EMBOLISM, AMNIOTIC FLUID, complications/ ENGLISH ABSTRACT/ FEMALE/ FETAL DEATH/ HUMAN/ KIDNEY, pathology/ KIDNEY FAILURE, ACUTE, complications/ *LABOR COMPLICATIONS/ LUNG, pathology/ PANCREATIC NEOPLASMS, complications/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, complications/ PULMONARY EDEMA, complications/ SHOCK, complications/ SHOCK, etiology/ SHOCK, ENDOTOXIC, complications/ SHOCK, HEMORRHAGIC, complications/ SYNDROME/ UTERUS, pathology/ VASCULAR DISEASES, complications/ VENA CAVA, INFERIOR, pathology

6330. **Rafii MR, Will W:** Disseminierte intravasale Gerinnung bei intrauterinem und perinatalem Fruchttod.
Z Geburtshilfe Perinatol 177:147-56, Apr 73 (Ger)
*ASPHYXIA NEONATORUM, etiology/ AUTOPSY/ BERLIN/ BIRTH WEIGHT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, occurrence/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ ENGLISH ABSTRACT/ FEMALE/ FETAL DEATH, etiology/ FETAL DEATH, pathology/ *FETAL DISEASES, etiology/ GERMANY, WEST/ HUMAN/ HYALINE MEMBRANE DISEASE, complications/ HYALINE MEMBRANE DISEASE, pathology/ INFANT, NEWBORN/ INFANT, PREMATURE/ PLACENTA DISORDERS, complications/ PREGNANCY

6331. **Rafulia VA:** Kliniko-morfologicheskie paralleli pri instilliatsii kislykh rastvorov v dykhatel'nye puti i nekotorye voprosy terapii etikh oslozhnenii v eksperimente. Klin Khir 4:60-3, Apr 73 (Rus)
ACIDS/ ANIMAL EXPERIMENTS/ ASPIRATION/ GASTRIC JUICE, analysis/ HYDROCORTISONE, therapeutic use/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ LUNG, pathology/ PENICILLIN, therapeutic use/ *PNEUMONIA, ASPIRATION/ PNEUMONIA, ASPIRATION, chemically induced/ PNEUMONIA, ASPIRATION, diagnosis/ PNEUMONIA, ASPIRATION, drug therapy/ PNEUMONIA, ASPIRATION, pathology/ RATS/ STREPTOMYCIN, therapeutic use

6332. **Ragan HA:** Platelet agglutination induced by ethylenediaminetetraacetic acid in blood samples from a miniature pig. Am J Vet Res 33:2601-3, Dec 72
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ *EDTA, pharmacodynamics/ *PLATELET ADHESIVENESS, drug effects/ SWINE DISEASES, etiology/ THROMBOPENIA, etiology/ THROMBOPENIA, veterinary

6333. **Ragni N, Rugiati S:** Terapia di alcune flogosi ginecologiche con una associazione polienzimatica.
Minerva Ginecol 25:218-24, Apr 73 (Ita)
*ADNEXITIS, drug therapy/ ADULT/ *CHYMOTRYPSIN, therapeutic use/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FEMALE/ HUMAN/ *MURAMIDASE, therapeutic use/ *TRYPSIN, therapeutic use/ *UTERINE DISEASES, drug therapy

6334. **Rahm E:** Zur Behandlung der zervikalen Migräne mit Venopyronum.
Munch Med Wochenschr 114:992-4, 19 May 72 (Ger)
ADULT/ *AESCULUS, therapeutic use/ AGED/ ANALGESICS AND ANTIPYRETICS, therapeutic use/ CARDIAC GLYCOSIDES, therapeutic use/ CERVICAL VERTEBRAE/ *CERVICO-BRACHIAL NEURALGIA, drug therapy/ DRUG COMBINATIONS/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ MIGRAINE, drug therapy/ PLANT EXTRACTS, therapeutic use/ *PYRAZOLES, therapeutic use/ *RUTIN, therapeutic use/ SPINAL NERVE ROOTS

6335. **Răiciulescu N, Stoichiță-Papilian M, Niculescu-Zinca D:** Effect of tracer doses of radiopharmaceutic substances labelled with gold (198 Au), indium (113m In) and Mercury (203 Hg) on blood clotting.
Rev Roum Med Intern 9:475-90, 1972
*BLOOD COAGULATION, radiation effects/ BLOOD PLATELETS, radiation effects/ FIBRINOGEN, radiation effects/ GOLD COLLOID, RADIOACTIVE/ HUMAN/ INDIUM/ KIDNEY DISEASES/ LIVER DISEASES/ MERCURY ISOTOPES/ PLATELET

ADHESIVENESS, radiation effects/ PROTHROMBIN, radiation effects/ *RADIATION EFFECTS/ RADIOISOTOPE SCANNING/ *RADIOISOTOPES/ THROMBOPLASTIN, radiation effects/ TIME FACTORS

6336. **Rainier-Pope CR:** Purpura fulminans and disseminated intravascular coagulation. A report of 5 cases in childhood. S Afr Med J 47:1420-2, 11 Aug 73
AMPICILLIN, therapeutic use/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CHILD/ CHILD, PRESCHOOL/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ ECCHYMOSIS, complications/ FEMALE/ FIBRINOGEN, analysis/ GANGRENE, etiology/ HEPARIN, therapeutic use/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ PROTHROMBIN TIME/ PURPURA, blood/ *PURPURA, complications/ PURPURA, drug therapy

6337. **Rainsford SG, Hall A:** A three-year study of adolescent boys suffering from haemophilia and allied disorders. Br J Haematol 24:539-51, May 73
ADOLESCENCE/ BLOOD TRANSFUSION/ CHRISTMAS DISEASE, occurrence/ FACTOR VIII/ FACTOR VIII, antagonists & inhibitors/ FACTOR IX/ HEMATURIA, complications/ HEMATURIA, drug therapy/ HEMOPHILIA, complications/ *HEMOPHILIA, occurrence/ HEMOPHILIA, therapy/ HEMORRHAGE, occurrence/ *HEMORRHAGIC DIATHESIS, occurrence/ HUMAN/ KNEE JOINT/ MALE/ ORTHOPEDICS/ PHYSICAL THERAPY/ PREDNISONE, therapeutic use/ SEASONS/ VON WILLEBRAND'S DISEASE, occurrence

6338. **Raisfeld IH:** Clinical pharmacology of drug interactions. Annu Rev Med 24:385-418, 1973 (179 ref.)
ANTIHYPERTENSIVE AGENTS, therapeutic use/ BLOOD COAGULATION DISORDERS, drug therapy/ CARDIOVASCULAR DISEASES, drug therapy/ COUMARINS, therapeutic use/ DIPHENYLHYDANTOIN, metabolism/ DIPHENYLHYDANTOIN, therapeutic use/ *DRUG INTERACTIONS/ DRUGS, administration & dosage/ EPILEPSY, drug therapy/ HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, drug therapy/ LIDOCAINE, therapeutic use/ MENTAL DISORDERS, drug therapy/ PHENOTHIAZINES, therapeutic use/ PROCAINE AMIDE, therapeutic use/ REVIEW/ SALICYLIC ACID, pharmacodynamics

6339. **Rake MO, Flute PT, Pannell G, et al:** Experimental hepatic necrosis: studies on coagulation abnormalities, plasma clearance, and organ distribution of 125I-labelled fibrinogen. Gut 14:574-80, Jul 73
ANIMAL EXPERIMENTS/ ANTIFIBRINOLYTIC AGENTS/ *BLOOD COAGULATION DISORDERS, physiopathology/ BLOOD COAGULATION TESTS/ BODY WEIGHT/ CARBON TETRACHLORIDE/ CYCLOHEXANECARBOXYLIC ACIDS/ FEMALE/ FIBRINOGEN, analysis/ *FIBRINOGEN, metabolism/ HEMATOCRIT/ HEPARIN/ IODINE ISOTOPES/ LIVER, analysis/ LIVER DISEASES, chemically induced/ LIVER DISEASES, pathology/ *LIVER DISEASES, physiopathology/ *NECROSIS, physiopathology/ ORGAN WEIGHT/ PROTHROMBIN TIME/ RATS

6340. **Rakhimov K, Korotina NA, Khalpaev ISh:** Sopostavlenie fermentivnoĭ aktivnosti slizistoĭ obolochki tonkoĭ kishki u razlichnykh predstaviteleĭ mlekopitaiushchikh. Fiziol Zh SSSR 58:1453-9, Sep 72 (Rus)
ANIMAL EXPERIMENTS/ CATTLE/ DOGS/ ENGLISH ABSTRACT/ *ESTERASES, metabolism/ GUINEA PIGS/ HAMSTERS/ INTESTINAL MUCOSA, enzymology/ *INTESTINE, SMALL, enzymology/ *PEPTIDE HYDROLASES, metabolism/ RATS/ RODENTS/ SPECIES SPECIFICITY/ *SUCRASE, metabolism/ SWINE

6341. **Rakhmaeva VA, Vantsian EN, Guseĭnov ChS, et al:** Sistema gemostaza u onkologicheskikh bol'nykh. Vopr Onkol 18:90-7, 1972 (60 ref.) (Rus)
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ FIBRINOGEN, metabolism/ FIBRINOLYSIS/ HUMAN/ MALE/ *NEOPLASMS, blood/ PANCREATIC NEOPLASMS, blood/ PLATELET ADHESIVENESS/ PROSTATIC NEOPLASMS, blood/ RATS/ REVIEW/ STOMACH NEOPLASMS, blood

6342. **Rakower SR, Worth MH Jr, Lackner H:** Massive intraoperative autotransfusion of blood. Surg Gynecol Obstet 137:633-6, Oct 73
*BLOOD TRANSFUSION, AUTOLOGOUS/ BLOOD TRANSFUSION, AUTOLOGOUS, adverse effects/ FIBRINOLYSIS/ HEMORRHAGE, therapy/ HEMORRHAGIC DIATHESIS, etiology/ HEMOSTASIS/ HEPARIN, administration & dosage/ HUMAN/ PREOPERATIVE CARE/ *SURGERY, OPERATIVE/ WOUNDS AND INJURIES, therapy/ WOUNDS, GUNSHOT, therapy

6343. **Rakower SR, Worth MH Jr:** Autotransfusion: perspective and critical problems. J Trauma 13:573-4, Jun 73
ANIMAL EXPERIMENTS/ BLOOD/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ *BLOOD TRANSFUSION, AUTOLOGOUS/ BLOOD TRANSFUSION, AUTOLOGOUS, adverse effects/ DISEASE MODELS, ANIMAL/ DOGS/ FIBRINOGEN, analysis/ HEMATOCRIT/ HEMOLYSIS/ HEMORRHAGE, therapy/ HEPARIN, therapeutic use/ HUMAN/ HYDROGEN-ION CONCENTRATION/ OXYGEN, blood/ VASCULAR SURGERY/ WOUNDS AND INJURIES, surgery

6344. **Rakusa-Suszczewski S, Piasek A:** Size, feeding and action of proteolytic enzymes in the Antarctic fish of Trematomus genus (Notothenidae). Bull Acad Pol Sci [Biol] 21:139-44, 1973
ANIMAL EXPERIMENTS/ BODY HEIGHT/ BODY WEIGHT/ COLORIMETRY/ *FISHES/ HYDROLYSIS/ ORGAN WEIGHT/ *PEPTIDE HYDROLASES, analysis/ SEASONS/ *STOMACH, enzymology/ TEMPERATURE

6345. **Rall DP:** The invisible pollution. N Engl J Med 287:1146-7, 30 Nov 72
BLOOD PRESERVATION, instrumentation/ BLOOD TRANSFUSION/ CHLORINE/ DISPOSABLE EQUIPMENT/ ENVIRONMENTAL POLLUTION/ HUMAN/ *PHTHALIC ACID, adverse effects/ PHTHALIC ACID, blood/ PHTHALIC ACID, metabolism/ *PLASTICS, adverse effects/ *POLYVINYLS, adverse effects/ POLYVINYLS, metabolism

6346. **Ramakrishnan C, Balasubramanian R:** Stereochemical criteria for polypeptide and protein chain conformations. VII. Effect of non-planarity and bond angle distortion at the a-carbon atom on the contact map for a pair of paptide units. Int J Protein Res 4:79-90, 1972
AMINO ACIDS/ CARBOXYPEPTIDASES/ CHYMOTRYPSIN/ MODELS, STRUCTURAL/ MURAMIDASE/ MYOGLOBIN/ *PEPTIDES/ *PROTEIN CONFORMATION/ RIBONUCLEASE/ STATISTICS

6347. **Rammer L:** Renal function in burned rats with reference to the effect of intravascular coagulation. Scand J Urol Nephrol 7:74-80, 1973
AMINOHIPPURIC ACID, analysis/ ANIMAL EXPERIMENTS/ BLOOD UREA NITROGEN/ BLOOD VESSELS/ *BURNS, physiopathology/ CYCLOHEXANECARBOXYLIC ACIDS, pharmacodynamics/ *DISSEMINATED INTRAVASCULAR COAGULATION/ FEMALE/ FIBRINOLYSIS, drug effects/ GLOMERULAR

FILTRATION RATE/ HEPARIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ *KIDNEY, physiopathology/ RATS

6348. **Rammer L:** Quantitative determination of fibrin deposition in organs of rats in the early post-burn period. Z Rechtsmed 71:114-9, 28 Nov 72
ANIMAL EXPERIMENTS/ *BURNS, metabolism/ CYCLOHEXANECARBOXYLIC ACIDS, pharmacodynamics/ FEMALE/ FIBRIN, metabolism/ FIBRINOGEN, analysis/ *FIBRINOGEN, metabolism/ HEMATOCRIT/ HEPARIN, pharmacodynamics/ IODINE ISOTOPES/ KIDNEY, metabolism/ LIVER, metabolism/ LUNG, metabolism/ METHYLAMINES, pharmacodynamics/ PLASMA, metabolism/ RATS/ SKIN, metabolism

6349. **Rampal M, Menguy P, Mulfinger C, et al:** Angiomyolipome du rein ayant les apparences d'une tumeur maligne.
J Urol Nephrol (Paris) 78:956-9, Oct-Nov 72 (Fre)
ADULT/ *HEMANGIOMA/ HEMANGIOMA, pathology/ HEMANGIOMA, surgery/ HUMAN/ *KIDNEY NEOPLASMS/ KIDNEY NEOPLASMS, pathology/ KIDNEY NEOPLASMS, surgery/ *LIPOMA/ LIPOMA, pathology/ LIPOMA, surgery/ MALE/ NEPHRECTOMY/ RENAL ARTERY, radiography/ RENAL VEINS, radiography/ UROGRAPHY

6350. **Ramsay DM, Parker AC:** A trial of prophylactic replacement therapy in haemophilia and Christmas disease. J Clin Pathol 26:243-7, Apr 73
ADOLESCENCE/ ADULT/ ALANINE AMINOTRANSFERASE, blood/ ANTI-AUSTRALIA ANTIGEN, analysis/ AUSTRALIA ANTIGEN, analysis/ *CHRISTMAS DISEASE, drug therapy/ *FACTOR VIII, therapeutic use/ *FACTOR IX, therapeutic use/ *HEMOPHILIA, drug therapy/ HEMORRHAGE/ HUMAN/ MALE/ TIME FACTORS

6351. **Rangarathnam CS, Pizak LF Jr, Kleine LJ, et al:** Superior vena caval replacement--superiority of irradiated caval homografts over heparin-bonded prosthetic grafts. J Surg Res 15:189-97, Sep 73
ANIMAL EXPERIMENTS/ *BLOOD VESSEL PROSTHESIS/ COLLATERAL CIRCULATION/ DOGS/ FREEZING/ *HEPARIN/ METHODS/ POLYETHYLENE TEREPHTHALATE/ RADIATION EFFECTS/ SILICONE ELASTOMERS/ TIME FACTORS/ *TISSUE PRESERVATION/ TRANSPLANTATION, HOMOLOGOUS/ VENA CAVA, SUPERIOR, radiation effects/ VENA CAVA, SUPERIOR, radiography/ *VENA CAVA, SUPERIOR, surgery/ VENA CAVA, SUPERIOR, transplantation

6352. **Ransberger K:** Proteolytische Enzyme und Vitamin A in der Krebsbehandlung.
Osterr Z Erforsch Bekaempf Krebskr 27:393-9, 1972 (Ger)
ANIMAL EXPERIMENTS/ BRONCHIAL NEOPLASMS, drug therapy/ CARCINOMA, BROWN-PEARCE, drug therapy/ CARCINOMA 256, WALKER, drug therapy/ ENGLISH ABSTRACT/ HUMAN/ NEOPLASM METASTASIS, prevention & control/ *NEOPLASMS, drug therapy/ *PEPTIDE HYDROLASES, therapeutic use/ RATS/ SARCOMA, YOSHIDA, drug therapy/ UROGENITAL NEOPLASMS, drug therapy/ *VITAMIN A, therapeutic use

6353. **Rao CR:** Ureteral avulsion secondary to blunt abdominal injury. J Urol 110:188-90, Aug 73
*ABDOMINAL INJURIES, complications/ ADULT/ HEMATOMA, etiology/ HEMATOMA, surgery/ HUMAN/ KIDNEY, radiography/ KIDNEY PELVIS, injuries/ MALE/ POSTOPERATIVE COMPLICATIONS/ STREPTOCOCCAL INFECTIONS, etiology/ *URETER, injuries/ URETER, radiography/ URETER, surgery/ URINARY CATHETERIZATION/ UROGRAPHY

6354. **Rao DN, Gurnani S:** DNP derivatives of lysozyme obtained by pH 7.2--effect of modification on physico-chemical properties of the enzyme.
Indian J Biochem Biophys 9:43-8, Mar 72
CHROMATOGRAPHY, ION EXCHANGE/ *DINITROPHENOLS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ELECTROPHORESIS, STARCH GEL/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ *MURAMIDASE/ PROTEIN CONFORMATION/ TRYPSIN/ ULTRACENTRIFUGATION

6355. **Rao DR, Beyreuther K, Jaenicke L:** A comparative study of pig and sheep-brain glutamine synthetases: tryptic peptides and thiol groups.
Eur J Biochem 35:582-92, 15 Jun 73
ADENOSINE TRIPHOSPHATE/ ALKYLATION/ AMIDES/ AMINO ACIDS, analysis/ BINDING SITES/ *BRAIN, enzymology/ CARBON ISOTOPES/ CHROMATOGRAPHY, ION EXCHANGE/ CYANOGEN BROMIDE/ ETHYLMALEIMIDE/ EVOLUTION/ *GLUTAMINE SYNTHETASE, analysis/ GLUTAMINE SYNTHETASE, antagonists & inhibitors/ IODOACETATES/ MAGNESIUM/ METHYLATION/ MOLECULAR CONFORMATION/ PEPTIDES, analysis/ SHEEP/ SPECIES SPECIFICITY/ SWINE/ TRYPSIN

6356. **Rao KS, Gerday C:** Low molecular weight proteins of pike (esox lucius) white muscles. II. Chemical and physical properties.
Comp Biochem Physiol [B] 44:1113-25, 15 Apr 73
ACETIC ACIDS, analysis/ ALANINE, analysis/ AMINO ACIDS, analysis/ AMMONIUM SULFATE/ CHROMATOGRAPHY/ CRYSTALLIZATION/ CYPRINIDAE/ ELECTROPHORESIS/ *FISHES/ GEL FILTRATION/ MATHEMATICS/ MOLECULAR WEIGHT/ *MUSCLE PROTEINS/ MUSCLE PROTEINS, analysis/ MUSCLE PROTEINS, isolation & purification/ OPTICAL ROTATORY DISPERSION/ PEPTIDES, isolation & purification/ PROTEIN CONFORMATION/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPSIN/ ULTRACENTRIFUGATION/ ULTRAVIOLET RAYS

6357. **Rao PN, Nayak MN, Pai MP:** Ocular aspects of burns.
J Indian Med Assoc 59:389-91, 1 Nov 72
ADHESIONS/ BLAST INJURIES, complications/ *EYE BURNS/ EYE BURNS, complications/ EYE BURNS, diagnosis/ EYE BURNS, therapy/ EYE FOREIGN BODIES, complications/ *EYELIDS, injuries/ HUMAN

6358. **Raptis S, Dollinger HC, Schröder KE, et al:** Differences in insulin, growth hormone and pancreatic enzyme secretion after intravenous and intraduodenal administration of mixed amino acids in man.
N Engl J Med 288:1199-202, 7 Jun 73
ADMINISTRATION, ORAL/ *AMINO ACIDS, administration & dosage/ AMINO ACIDS, blood/ AMINO ACIDS, pharmacodynamics/ BICARBONATES, analysis/ BILIRUBIN, analysis/ BLOOD SUGAR, analysis/ CHOLECYSTOKININ, physiology/ COMPARATIVE STUDY/ DUODENUM/ FATTY ACIDS, NONESTERIFIED, blood/ GASTROINTESTINAL HORMONES, physiology/ GLYCERIN, blood/ HUMAN/ INFUSIONS, PARENTERAL/ INSULIN, blood/ *INSULIN, secretion/ INTESTINAL SECRETIONS, analysis/ PANCREOZYMIN, physiology/ SECRETIN, pharmacodynamics/ SECRETIN, physiology/ *SOMATOTROPIN, secretion/ TRYPSIN, analysis/ *TRYPSIN, secretion

6359. **Räsänen JA:** Komplementti.
Duodecim 89:72-5, 1973 (Fin)
ANTIGEN-ANTIBODY COMPLEX/ BINDING SITES, ANTIBODY/ BLOOD COAGULATION/ *COMPLEMENT/ COMPLEMENT, biosynthesis/

HEMOLYSIS/ HUMAN/ IMMUNOLOGIC DEFICIENCY SYNDROMES

6360. **Rasche B, Baving G, Ulmer WT:** Möglichkeiten zur Beurteilung chronisch obstruktiver Atemwegserkrankungen mit Hilfe von Analysen im Bronchialschleim.
Pneumonologie 148:141-59, 1973 (Ger)
ADULT/ AGED/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ ENZYME TESTS/ GEL DIFFUSION TESTS/ HUMAN/ *IMMUNOGLOBULINS, analysis/ *LUNG DISEASES, OBSTRUCTIVE, diagnosis/ MALE/ MIDDLE AGE/ *PEPTIDE HYDROLASES, analysis/ PLETHYSMOGRAPHY, WHOLE BODY/ PULMONARY EMPHYSEMA, diagnosis/ *SPUTUM, analysis

6361. **Rasche B, Ulmer WT:** Uber die Möglichkeiten der Inaktivierung der Proteaseaktivität im Sputum bei chronisch obstruktiven Atemwegserkrankungen durch Proteaseinhibitoren.
Res Exp Med (Berl) 158:229-45, 1972 (Ger)
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ *AIRWAY OBSTRUCTION, enzymology/ ALPHA GLOBULIN, pharmacodynamics/ BRONCHI, enzymology/ CHILD/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ MIDDLE AGE/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PLANT EXTRACTS, pharmacodynamics/ SERUM GLOBULINS, pharmacodynamics/ SODIUM, pharmacodynamics/ SOY BEANS/ *SPUTUM, drug effects/ THIOSULFATES, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics

6362. **Rasche H, Dietrich M, Hiemeyer V:** Untersuchungen über die Faktor XIII-Aktivität im Plasma bei akuter Leukämie.
Klin Wochenschr 50:1017-9, 1 Nov 72 (Ger)
ACUTE DISEASE/ ENGLISH ABSTRACT/ *FACTOR XIII, analysis/ FACTOR XIII DEFICIENCY, complications/ HUMAN/ *LEUKEMIA, blood/ LEUKEMIA, complications/ LEUKEMIA, LYMPHOBLASTIC, blood/ LEUKEMIA, LYMPHOBLASTIC, complications/ LEUKEMIA, MYELOBLASTIC, blood/ LEUKEMIA, MYELOBLASTIC, complications/ REMISSION

6363. **Rasche H, Hiemeyer V:** Blutgerinnungsveränderungen bei operativen Eingriffen an der Lunge.
Pneumonologie 147:211-5, 1972 (Ger)
*BLOOD COAGULATION DISORDERS, etiology/ FIBRINOLYSIS/ HEMOSTASIS/ HUMAN/ *PNEUMONECTOMY, adverse effects/ THROMBELASTOGRAPHY

6364. **Rasche H, Schröder KE, Hiemeyer V, et al:** Untersuchungen zum radioimmunologischen Nachweis von Plasminogen-Plasmin.
Nucl Med (Stuttg) 9:735-7, 1971 (Ger)
*FIBRINOLYSIN, analysis/ FIBRINOLYSIN, metabolism/ HUMAN/ IODINE ISOTOPES/ ION EXCHANGE/ ISOTOPE LABELING/ *PLASMINOGEN, analysis/ PLASMINOGEN, metabolism/ *RADIOIMMUNOASSAY

6365. **Raschke E, Paquet KT:** Management of hemorrhage from esophageal varices using the esophagoscopic sclerosing method. Ann Surg 177:99-102, Jan 73
*ESOPHAGEAL VARICES, complications/ ESOPHAGOSCOPY/ ESOPHAGOSCOPY, instrumentation/ *HEMORRHAGE, GASTROINTESTINAL, therapy/ HEMOSTASIS/ HUMAN/ METHODS/ *SCLEROSING SOLUTIONS, administration & dosage

6366. **Rasmussen T, Mathieson G, Le Blanc F:** Surgical therapy of typical and a forme fruste variety of the Sturge-Weber syndrome.
Schweiz Arch Neurol Neurochir Psychiatr 111:393-409, 1972
ADOLESCENCE/ ADULT/ ANGIOMATOSIS, complications/ ANGIOMATOSIS, embryology/ ANGIOMATOSIS, pathology/ *ANGIOMATOSIS, surgery/ BRAIN NEOPLASMS, pathology/ *BRAIN NEOPLASMS, surgery/ CHILD/ CHILD, PRESCHOOL/ EPILEPSY, complications/ FACIAL NEOPLASMS, pathology/ *FACIAL NEOPLASMS, surgery/ HUMAN/ INFANT/ MIDDLE AGE

6367. **Rasmussen V:** Kompleks immundefekt. Rimaer akkvisit hypogammaglobulinaemi, malabsorption, primaer aregeneratorisk anaemi og tymom hos samme patient.
Ugeskr Laeger 134:2330-1, 30 Oct 72 (Dan)
AGAMMAGLOBULINEMIA, complications/ AGRANULOCYTOSIS, complications/ ANEMIA, APLASTIC, complications/ ANEMIA, MACROCYTIC, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *IMMUNOLOGIC DISEASES/ MALABSORPTION SYNDROMES, complications/ MIDDLE AGE/ THROMBOPENIA, complications/ THYMOMA, complications/ THYMUS NEOPLASMS, complications

6368. **Raso AM, Silvestrini P:** Thrombose des sutures veineuses par cathéter endoluminal. Technique de prévention. Nouv Presse Med 2:1077-8, Apr 73 (Fre)
*CATHETERIZATION/ HEPARIN, therapeutic use/ HUMAN/ PERFUSION/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *SUTURE TECHNICS/ SUTURES/ THROMBOSIS, etiology/ THROMBOSIS, physiopathology/ THROMBOSIS, prevention & control/ *VEINS

6369. **Rassulin IuA, Kaverzneva ED, Erkomaishvili GS:** Kharakteristika élastoliticheskogo kompleksa iz Actinomyces rimosus-imoproteilina.
Prikl Biokhim Mikrobiol 8:19-25, Jan-Feb 72 (Rus)
*ACTINOMYCES, enzymology/ CALCIUM, metabolism/ CHLOROMERCURIBENZOATES, metabolism/ CHYMOTRYPSIN, metabolism/ ENGLISH ABSTRACT/ LEUCINE AMINOPEPTIDASE, metabolism/ METALS, metabolism/ PANCREATOPEPTIDASE, metabolism/ *PEPTIDE HYDROLASES, metabolism/ PHOSPHODIESTERASES, metabolism/ TRYPSIN, metabolism/ UREA, metabolism

6370. **Rathbun WB, Wicker K:** Bovine lens -glutamyl transpeptidase. Exp Eye Res 15:161-71, Feb 73
*ACYLTRANSFERASES, analysis/ AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CATTLE/ GLUTAMYL TRANSPEPTIDASE, analysis/ GLUTAMYL TRANSPEPTIDASE, isolation & purification/ GLUTATHIONE, metabolism/ HYDROGEN-ION CONCENTRATION/ *LENS, CRYSTALLINE, enzymology/ METHIONINE, metabolism/ PEPTIDE HYDROLASES, analysis/ SPECTROPHOTOMETRY

6371. **Ratner J, Rosenberg G, Kral VA, et al:** Anticoagulant therapy for senile dementia.
J Am Geriatr Soc 20:556-9, Nov 72
AGED/ *ANTICOAGULANTS, administration & dosage/ BLOOD COAGULATION TESTS/ *CEREBRAL ARTERIOSCLEROSIS, drug therapy/ HUMAN/ *PSYCHOSES, SENILE, drug therapy/ WARFARIN, administration & dosage

6372. **Ratnoff OD:** A 1973 look at hemophilia and von Willebrand's disease.
Proc Inst Med Chic 29:296-304, May-Jun 73 (44 ref.)
ANTIGEN-ANTIBODY REACTIONS/ BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ FACTOR VIII, analysis/ FACTOR VIII, biosynthesis/ FACTOR IX, analysis/ FEMALE/ *HEMOPHILIA, blood/ HEMOPHILIA, familial & genetic/ HEMOPHILIA, immunology/ HEMOPHILIA, therapy/ HUMAN/ IMMUNE SERUMS/ MALE/ PLATELET ADHESIVENESS/ RABBITS, immunology/ REVIEW/ SEX CHROMOSOMES/ *VON WILLEBRAND'S DISEASE, blood/ VON WILLEBRAND'S DISEASE, therapy

6373. **Ratnoff OD:** The molecular basis of hereditary clotting disorders.

Prog Hemostasis Thromb 1:39-74, 1972 (184 ref.)
AFIBRINOGENEMIA, blood/ ANTIGENS/ BLOOD COAGULATION/ *BLOOD COAGULATION DISORDERS, familial & genetic/ BLOOD COAGULATION DISORDERS, pathology/ BLOOD COAGULATION FACTORS, biosynthesis/ BLOOD SEDIMENTATION/ BLOOD TRANSFUSION/ CHRISTMAS DISEASE, blood/ FACTOR XIII DEFICIENCY/ FIBRINOGEN, metabolism/ HEMOPHILIA, immunology/ HUMAN/ HYPOPROCONVERTINEMIA/ REVIEW/ VITAMIN K, metabolism/ VON WILLEBRAND'S DISEASE, immunology

6374. **Ratnoff OD:** Studies on the product of the reaction between activated Hageman factor (factor XII) and plasma thromboplastin antecedent (factor XI).
J Lab Clin Med 80:704-10, Nov 72
BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ *FACTOR XI, metabolism/ *FACTOR XII, metabolism/ GEL FILTRATION/ HUMAN/ IMMUNE SERUMS, pharmacodynamics/ MOLECULAR WEIGHT/ RABBITS, immunology

6375. **Ratnoff OD, Bennett B:** The genetics of hereditary disorders of blood coagulation.
Science 179:1291-8, 30 Mar 73 (53 ref.)
ADULT/ AFIBRINOGENEMIA, familial & genetic/ AFIBRINOGENEMIA, immunology/ ANTIGENS/ *BLOOD COAGULATION DISORDERS, familial & genetic/ *BLOOD COAGULATION FACTORS/ CHILD/ CHRISTMAS DISEASE, immunology/ CROSS REACTIONS/ FACTOR VIII/ FACTOR XIII DEFICIENCY, familial & genetic/ FACTOR XIII DEFICIENCY, immunology/ FEMALE/ HEMOPHILIA, immunology/ HUMAN/ MALE/ REVIEW

6376. **Ratnoff OD, Pensky J, Donaldson VH, et al:** The inhibitory properties of plasma against activated plasma thromboplastin antecedent (factor XIa) in hereditary angioneurotic edema.
J Lab Clin Med 80:803-9, Dec 72
ADOLESCENCE/ ADULT/ *ANGIONEUROTIC EDEMA, blood/ ANGIONEUROTIC EDEMA, enzymology/ CHILD/ CHILD, PRESCHOOL/ COMPLEMENT/ ESTERASES/ *FACTOR XI, antagonists & inhibitors/ FEMALE/ HUMAN/ IMMUNOLOGIC DEFICIENCY SYNDROMES, blood/ MALE/ METHODS/ MIDDLE AGE

6377. **Ratnoff OD, Steinberg AG:** Fibrin cross-linking and heredity. Ann NY Acad Sci 202:186-9, 8 Dec 72
BLOOD COAGULATION/ CONSANGUINITY/ *FACTOR XIII DEFICIENCY, familial & genetic/ FEMALE/ *FIBRIN, physiology/ GENOTYPE/ HUMAN/ MALE/ PHENOTYPE/ SEX CHROMOSOMES/ SEX FACTORS

6378. **Ratto LA, Sasson M, Yantorno C:** Actividad protrombínica del plasma. I. Factores que afectan su determinación.
Sangre (Barc) 18:93-101, 1973 (Spa)
ANTICOAGULANTS/ BLOOD PRESERVATION/ BLOOD SPECIMEN COLLECTION/ ENGLISH ABSTRACT/ HUMAN/ METHODS/ *PROTHROMBIN TIME, standards/ TEMPERATURE

6379. **Ratzkowski B:** [Adhesions of the labia minora]
Harefuah 83:236-7, 15 Sep 72 (Heb)
ADHESIONS, occurrence/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ ESTROGENS, therapeutic use/ FEMALE/ GYNECOLOGIC DISEASES, drug therapy/ *GYNECOLOGIC DISEASES, occurrence/ HUMAN/ INFANT/ ISRAEL/ *VULVA

6380. **Rauch HC, Einstein ER, Csejtey J:** Enzymatic degradation of myelin basic protein in central nervous system lesions of monkeys with experimental allergic encephalomyelitis. Neurobiology 3:195-205, 1973
ANIMAL EXPERIMENTS/ *BRAIN, enzymology/ BRAIN, pathology/ BRAIN STEM, enzymology/ CEREBRAL CORTEX, enzymology/ DEMYELINATION, enzymology/ DISEASE MODELS, ANIMAL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENCEPHALITOGENIC BASIC PROTEINS, metabolism/ *ENCEPHALOMYELITIS, ALLERGIC, enzymology/ ENCEPHALOMYELITIS, ALLERGIC, pathology/ MACACA/ MONKEYS/ MULTIPLE SCLEROSIS, enzymology/ NECROSIS/ *NERVE TISSUE PROTEINS, metabolism/ *PEPTIDE HYDROLASES, metabolism

6381. **Ravens KG, Jipp P:** Die freien Plasmafettsäuren in der Frühphase nach einem Myokardinfarkt.
Arzneim Forsch 22:1831-3, Oct 72 (Ger)
ARRHYTHMIA, blood/ BLOOD SUGAR, analysis/ CHROMATOGRAPHY, GAS/ ENGLISH ABSTRACT/ FATTY ACIDS, NONESTERIFIED, analysis/ *FATTY ACIDS, NONESTERIFIED, blood/ HEPARIN, therapeutic use/ HUMAN/ LINOLEIC ACID, blood/ MIDDLE AGE/ *MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, drug therapy/ OLEIC ACID, blood

6382. **Ravitch MM:** The nonoperative treatment of surgical conditions in children. Pediatrics 57:435-53, Mar 73
ABDOMINAL WALL, abnormalities/ *ABNORMALITIES, therapy/ ANTI-INFECTIVE AGENTS, LOCAL, therapeutic use/ CARDIOSPASM, therapy/ CHILD/ CHILD, PRESCHOOL/ DIAPHRAGMATIC HERNIA, therapy/ DILATATION/ ENEMA/ ESOPHAGEAL ATRESIA, therapy/ FACIAL NEOPLASMS, drug therapy/ FEMALE/ FOREIGN BODIES, therapy/ *GASTROINTESTINAL DISEASES, therapy/ HEART DISEASES, therapy/ HEMANGIOMA, drug therapy/ HUMAN/ INFANT/ INFANT, NEWBORN/ INTESTINAL OBSTRUCTION, therapy/ INTUSSUSCEPTION, therapy/ MALE/ PIERRE ROBIN SYNDROME, therapy/ PNEUMOPERITONEUM, ARTIFICIAL/ PREDNISOLONE, therapeutic use/ SPLENIC RUPTURE, therapy/ TRACTION/ WOUNDS AND INJURIES, therapy

6383. **Rawbone RG, Bagshawe KD:** Anabolic steroids and bone marrow toxicity during therapy with methotrexate. Br J Cancer 26:395-401, Oct 72
ADOLESCENCE/ ADULT/ *ANABOLIC STEROIDS, therapeutic use/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BONE MARROW, drug effects/ CHORIOADENOMA, drug therapy/ CHORIOCARCINOMA, drug therapy/ CLINICAL RESEARCH/ FEMALE/ HEMATOCRIT/ *HEMATOPOIESIS, drug effects/ HEMOGLOBIN, analysis/ HUMAN/ LEUKOCYTE COUNT/ *METHOTREXATE, adverse effects/ METHOTREXATE, therapeutic use/ NANDROLONE, therapeutic use/ OXYMETHOLONE, therapeutic use/ TIME FACTORS

6384. **Rawles JM, Ogston D, Douglas AS:** Studies on the blood fibrinolytic system in congestive cardiac failure.
Clin Sci 45:65-76, Jul 73
ADULT/ AGED/ ALPHA GLOBULIN, analysis/ ARM, blood supply/ CONSTRICTION/ FEMALE/ FIBRIN, metabolism/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HEART DEFECTS, CONGENITAL, blood/ HEART DEFECTS, CONGENITAL, enzymology/ HEART DISEASES, blood/ HEART DISEASES, enzymology/ *HEART FAILURE, CONGESTIVE, blood/ HEART FAILURE, CONGESTIVE, enzymology/ HUMAN/ MACROGLOBULINS, analysis/ MALE/ MIDDLE AGE/ PLASMINOGEN, antagonists & inhibitors/ PLASMINOGEN, blood/ SERUM GLOBULINS/ TRYPSIN INHIBITORS, blood/ VEINS, physiology

6385. **Ray M, Hamerton JL:** Constitutive heterochromatin in mouse chromosomes treated with typsin.
Can J Genet Cytol 15:1-7, Mar 73
ANIMAL EXPERIMENTS/ CELL DIVISION/ *CHROMOSOMES, analysis/ *HETEROCHROMATIN, analysis/ *L CELLS, analysis/ MICE/ *TRYPSIN

6386. **Ray PH, Lillich TT, White DC:** Consequences of glycerol deprivation on the synthesis of membrane components in a glycerol auxotroph of Staphylococcus aureus. J Bacteriol 112:413-20, Oct 72
ACETATES, metabolism/ *BACTERIAL PROTEINS, biosynthesis/ CARBON ISOTOPES/ CAROTENOIDS, biosynthesis/ *CELL MEMBRANE, metabolism/ CHROMATOGRAPHY, PAPER/ ELECTRON TRANSPORT/ *FATTY ACIDS, biosynthesis/ FATTY ACIDS, NONESTERIFIED, biosynthesis/ GLUCOSE, metabolism/ GLYCERIDES, biosynthesis/ *GLYCERIN, metabolism/ GLYCINE, metabolism/ *GLYCOLIPIDS, biosynthesis/ HEME, biosynthesis/ LEVULINIC ACID, metabolism/ *LIPIDS, biosynthesis/ MEVALONIC ACID, metabolism/ PHOSPHATES, metabolism/ *PHOSPHOLIPIDS, biosynthesis/ PHOSPHORUS ISOTOPES/ SERINE, metabolism/ *STAPHYLOCOCCUS, metabolism/ VITAMIN K, biosynthesis

6387. **Ray PK, Abbott D:** A modified whole blood partial thromboplastin test for the assessment of heparinization. Can Med Assoc J 108:1505-8, 23 Jun 73
*BLOOD COAGULATION TESTS/ DRUG STABILITY/ EVALUATION STUDIES/ *HEPARIN, therapeutic use/ HUMAN/ METHODS/ TEMPERATURE/ THROMBOEMBOLISM, drug therapy/ *THROMBOPLASTIN/ TIME FACTORS

6388. **Ray PK, Simmons RL:** Serological studies of enzyme-treated murine lymphoid cells. Proc Soc Exp Biol Med 142:846-52, Mar 73
ALDOLASE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ASPARAGINASE, pharmacodynamics/ CARBOXYPEPTIDASES, pharmacodynamics/ CHROMIUM ISOTOPES/ CHYMOTRYPSIN, pharmacodynamics/ COMPLEMENT/ *CYTOTOXICITY TESTS, IMMUNOLOGIC/ DEOXYRIBONUCLEASE, pharmacodynamics/ *ENZYMES, pharmacodynamics/ GALACTOSIDASE, pharmacodynamics/ GLUCOSIDASE, pharmacodynamics/ GLUTAMINASE, pharmacodynamics/ LIPASE, pharmacodynamics/ LYMPHOCYTES, drug effects/ *LYMPHOCYTES, immunology/ MICE/ MICE, INBRED C3H/ MICE, INBRED C57BL/ MURAMIDASE, pharmacodynamics/ NEURAMINIDASE, pharmacodynamics/ PAPAIN, pharmacodynamics/ PEPSIN, pharmacodynamics/ PHOSPHOLIPASE, pharmacodynamics/ TRYPSIN, pharmacodynamics

6389. **Razdan JL, Razdan S, Jain SP, et al:** Pathogenesis of intra-abdominal adhesions. J Indian Med Assoc 58:359-61, 16 May 72
*ABDOMEN, surgery/ *ADHESIONS, etiology/ ANIMAL EXPERIMENTS/ INTESTINES, blood supply/ LIGATION/ *POSTOPERATIVE COMPLICATIONS, etiology/ RATS/ VEINS, injuries

6390. **Razin VF, Gurevich PP:** Znachenie chisla bliashkoobrazuiushchikh kletok v perifericheskoĭ krovi u bol'nykh varikoznym rasshireniem ven. Klin Med (Mosk) 51:84-6, Apr 73 (Rus)
ADULT/ ANTIGENS, analysis/ *BLOOD PLATELETS/ BLOOD PLATELETS, immunology/ CELL COUNT/ FEMALE/ HUMAN/ *LEG, blood supply/ MALE/ MIDDLE AGE/ *VARICOSE VEINS, blood/ VARICOSE VEINS, immunology

6391. **Reboul H:** Introduction sur l'apport de l'artériographie à la phlébologie. Phlebologie 25:173-82, Apr-Jun 72 (Fre)
*ANGIOGRAPHY/ ANGIOGRAPHY, adverse effects/ ANGIOGRAPHY, instrumentation/ ANTICOAGULANTS, therapeutic use/ CONTRAST MEDIA, administration & dosage/ CONTRAST MEDIA, pharmacodynamics/ ENGLISH ABSTRACT/ HEMODYNAMICS/ HUMAN/ METHODS/ *PHLEBOGRAPHY/ PHLEBOGRAPHY, adverse effects/ PHLEBOGRAPHY, history/ PHLEBOGRAPHY, instrumentation/ REVIEW/ THROMBOPHLEBITIS, radiography/ *THROMBOPHLEBITIS, radiography/ VENOUS INSUFFICIENCY, physiopathology/ *VENOUS INSUFFICIENCY, radiography

6392. **Reddick RL, Mason RG:** Freeze-etch observations on the plasma membrane and other structures of normal and abnormal platelets. Am J Pathol 70:473-88, Mar 73
*AFIBRINOGENEMIA, blood/ *BLOOD PLATELET DISORDERS, blood/ *BLOOD PLATELETS, cytology/ BLOOD PLATELETS, drug effects/ CELL MEMBRANE/ CYTOPLASM/ CYTOPLASMIC GRANULES/ FREEZE ETCHING/ GLYCOGEN/ HUMAN/ LATEX PARTICLES/ MICROSCOPY, ELECTRON/ MICROTUBULES/ MITOCHONDRIA/ PIPERIDINES, pharmacodynamics

6393. **Reddick RL, Poole BL, Penick GD:** Thrombocytopenia of hibernation. Mechanism of induction and recovery. Lab Invest 28:270-8, Feb 73
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ *BLOOD PLATELET DISORDERS, pathology/ BLOOD PLATELET DISORDERS, prevention & control/ BLOOD PLATELETS/ COLD/ *HIBERNATION/ IN VITRO/ LUNG, pathology/ MICROSCOPY, ELECTRON/ SPLEEN, pathology/ SPLENECTOMY/ SQUIRRELS

6394. **Reddy KN, Markus G:** Further evidence for an active center in streptokinase-plasminogen complex; interaction with pancreatic trypsin inhibitor. Biochem Biophys Res Commun 51:672-9, 2 Apr 73
BENZOATES/ BINDING SITES/ CATTLE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION, drug effects/ ESTERASES, analysis/ FIBRINOLYSIN, biosynthesis/ GUANIDINES, pharmacodynamics/ HUMAN/ NITROPHENOLS, pharmacodynamics/ PANCREAS/ *PLASMINOGEN, antagonists & inhibitors/ SODIUM DODECYL SULFATE/ *STREPTOKINASE, antagonists & inhibitors/ TIME FACTORS/ *TRYPSIN INHIBITORS, pharmacodynamics

6395. **Reddy MV, Kastenschmidt LL, Cassens RG, et al:** Studies on stress-susceptibility: the relationship between serum enzyme changes and the degree of stress-susceptibility. Life Sci [II] 10:1381-91, 22 Dec 71
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ CELL MEMBRANE PERMEABILITY/ CENTRIFUGATION/ *CREATINE KINASE, blood/ ELECTROPHORESIS, DISK/ HEAT/ HEMOLYSIS/ *LACTATE DEHYDROGENASE, blood/ LACTATE DEHYDROGENASE ISOENZYMES, blood/ MUSCLES, enzymology/ SPECTROPHOTOMETRY/ *STRESS, enzymology/ SWINE/ TIME FACTORS

6396. **Redeker AG, Yamahiro HS:** Controlled trial of exchange-transfusion therapy in fulminant hepatitis. Lancet 1:3-6, 6 Jan 73
ADOLESCENCE/ ADULT/ AGED/ ALANINE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ CLINICAL RESEARCH/ CREATININE, blood/ *EXCHANGE TRANSFUSION/ FEMALE/ HEPATIC COMA, drug therapy/ HEPATIC COMA, etiology/ HEPATIC COMA, mortality/ *HEPATIC COMA, therapy/ HEPATITIS, INFECTIOUS, complications/ HEPATITIS, INFECTIOUS, drug therapy/ HEPATITIS, INFECTIOUS, mortality/ *HEPATITIS, INFECTIOUS, therapy/ HUMAN/ HYDROCORTISONE, therapeutic use/ INFUSIONS, PARENTERAL/ MALE/ MIDDLE AGE/ NEOMYCIN, therapeutic use/ PROTHROMBIN TIME

6397. **Redgrave TG, West CE:** The relationship between esterified and free cholesterol content in experimental rabbit atheroma. Atherosclerosis 16:135-7, Jul-Aug 72
ANIMAL EXPERIMENTS/ AORTA, analysis/ ARTERIOSCLEROSIS, etiology/ *ARTERIOSCLEROSIS, metabolism/ *CHOLESTEROL, analysis/ CHOLESTEROL,

DIETARY/ DIET, ATHEROGENIC/ ESTERS/ MALE/ RABBITS

6398. **Reeck GR, Neurath H:** Isolation and characterization of pancreatic procarboxypeptidase B and carboxypeptidase B of the African lungfish. Biochemistry 11:3947-55, 10 Oct 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ *CARBOXYPEPTIDASES/ CARBOXYPEPTIDASES, analysis/ CARBOXYPEPTIDASES, isolation & purification/ CATALYSIS/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS, DISK/ ENZYME ACTIVATION/ *ENZYME PRECURSORS/ ENZYME PRECURSORS, analysis/ ENZYME PRECURSORS, isolation & purification/ FISHES/ GEL FILTRATION/ KINETICS/ MOLECULAR WEIGHT/ *PANCREAS, enzymology/ SODIUM DODECYL SULFATE/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPSIN/ ULTRACENTRIFUGATION

6399. **Reed RJ, Ackerman AB:** Pathology of the adventitial dermis. Anatomic observations and biologic speculations. Hum Pathol 4:207-17, Jun 73
ACANTHOSIS NIGRICANS, pathology/ ANGIOMA, SCLEROSING, pathology/ FIBROMA, pathology/ HAMARTOMA, pathology/ HUMAN/ HYPERPLASIA/ MELANOCYTES/ NEURODERMATITIS, pathology/ PAPILLOMA, pathology/ SEBORRHEA, pathology/ SKIN, anatomy & histology/ *SKIN, pathology/ *SKIN DISEASES, pathology/ SKIN NEOPLASMS, pathology/ TUBEROUS SCLEROSIS, pathology

6400. **Reed SE:** Viral enhancement of mycoplasma growth in tracheal organ cultures.
J Comp Pathol 82:267-78, Jul 72
CATTLE/ CATTLE, embryology/ CENTRIFUGATION/ CULTURE MEDIA/ HEAT/ *MYCOPLASMA, growth & development/ *ORGAN CULTURE/ *PARA-INFLUENZA VIRUSES/ *RHINOVIRUS/ TIME FACTORS/ TRACHEA, cytology/ TRYPSIN, pharmacodynamics

6401. **Rees MW, Short MN:** The tryptic peptides and terminal sequences of the protein from the cowpea strain of tobacco mosaic virus. Virology 50:772-7, Dec 72
ALANINE, analysis/ AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ ARGININE, analysis/ AUTOANALYSIS/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN, metabolism/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ HYDROLYSIS/ *PEPTIDES, analysis/ PLANT DISEASES/ PLANTS, EDIBLE/ PROTEIN DENATURATION/ THREONINE, analysis/ *TOBACCO MOSAIC VIRUS, analysis/ TRYPSIN, metabolism/ TYROSINE, analysis/ *VIRAL PROTEINS, analysis

6402. **Rees RW:** Vasectomy: problems of follow up. Proc R Soc Med 66:52-4, Jan 73
ADULT/ COITUS/ FOLLOW-UP STUDIES/ HEMATOMA/ HUMAN/ MALE/ POSTOPERATIVE COMPLICATIONS/ SEMEN/ *VASECTOMY

6403. **Rees TD, Lee YC, Coburn RJ:** Expanding hematoma after rhytidectomy. A retrospective study. Plast Reconstr Surg 51:149-53, Feb 73
ANESTHESIA, GENERAL/ ANESTHESIA, LOCAL/ COUGH, complications/ EYELIDS, surgery/ *FACE, surgery/ FEMALE/ *HEMATOMA, etiology/ HEMATOMA, surgery/ HEMOSTASIS/ HUMAN/ MALE/ MIDDLE AGE/ RETROSPECTIVE STUDIES/ *SURGERY, PLASTIC, adverse effects/ TIME FACTORS

6404. **Reesink HW, Duimel WJ, Brummelhuis HG:** Standardization and modification of the haemagglutination (inhibition) techniques for the determination of HBAg and anti-HBAg antibodies. Vox Sang 24:528-34, 1973
ANTIBODIES, analysis/ ANTIGENS, analysis/ BINDING SITES, ANTIBODY/ BLOOD PRESERVATION/ CHLORIDES/ CHROMIUM/ ERYTHROCYTES, immunology/ ERYTHROCYTES, metabolism/ FREEZING/ *HEMAGGLUTINATION INHIBITION TESTS, standards/ *HEMAGGLUTINATION TESTS, standards/ HUMAN/ METHODS/ SHEEP

6405. **Reeve EB, Chen Y:** Studies with a mass balance method of measuring fibrinogen synthesis. Ciba Found Symp 9:91-111, 1972
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ COMPUTERS, DIGITAL/ CORTICOTROPIN, administration & dosage/ *CORTICOTROPIN, pharmacodynamics/ CYCLOHEXIMIDE, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ EVALUATION STUDIES/ *FIBRINOGEN, biosynthesis/ FIBRINOGEN, metabolism/ FIBRINOGEN, secretion/ HORMONES, analysis/ IODINE ISOTOPES/ LIVER, drug effects/ *LIVER, metabolism/ LIVER, secretion/ MATHEMATICS/ PROTEINS, metabolism/ RABBITS/ RADIOISOTOPE DILUTION TECHNIC/ SECRETORY RATE/ TIME FACTORS/ TYPHOID-PARATYPHOID VACCINES, pharmacodynamics

6406. **Refvem O, Fagerhol MK, Abildgaard U:** Changes in antithrombin 3 levels following cessation of anticoagulant therapy.
Acta Med Scand 193:307-9, Apr 73
AGED/ *ANTITHROMBIN, blood/ *BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION TESTS/ CORONARY DISEASE, drug therapy/ DEPRESSION, CHEMICAL/ FEMALE/ FIBRINOGEN, analysis/ GEL DIFFUSION TESTS/ HUMAN/ MACROGLOBULINS, analysis/ MALE/ MIDDLE AGE/ THROMBOSIS/ WARFARIN, therapeutic use

6407. **Regensberg C, Richard JP, Doyon D, et al:** L'embolisation des artères hépatiques pourrait-elle remplacer la désartérialisation chirurgicale dans les tumeurs du foie.
Nouv Presse Med 2:1717-8, 23 Jun 73 (Fre)
ANTINEOPLASTIC AGENTS, administration & dosage/ ANTINEOPLASTIC AGENTS, therapeutic use/ COLONIC NEOPLASMS/ CONTRAST MEDIA/ FEMALE/ GELFOAM, administration & dosage/ GELFOAM, therapeutic use/ *HEPATIC ARTERY/ HUMAN/ LIGATION/ *LIVER CIRCULATION, drug effects/ LIVER NEOPLASMS, surgery/ *LIVER NEOPLASMS, therapy/ MIDDLE AGE/ NEOPLASM METASTASIS/ THROMBIN, administration & dosage/ THROMBIN, therapeutic use/ *THROMBOEMBOLISM, chemically induced

6408. **Regensburger D, Sonntag H, Schenk HD, et al:** Koronardurchblutung und myokardialer Sauerstoffverbrauch vor und nach Hämodilutionsperfusion.
Thoraxchirurgie 20:431-5, Dec 72 (Ger)
ADOLESCENCE/ ADULT/ BLOOD VISCOSITY/ BLOOD VOLUME/ CAPILLARY RESISTANCE/ CHILD/ *CORONARY CIRCULATION/ ENGLISH ABSTRACT/ FEMALE/ *HEART, MECHANICAL/ HEART SEPTAL DEFECTS, ATRIAL, surgery/ HEMOGLOBIN, analysis/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIUM, metabolism/ *OXYGEN CONSUMPTION/ PULMONARY VALVE STENOSIS, surgery

6409. **Regnier P, Thang MN:** Subcellular distribution and characterization of endo and exo-cellular proteases in E. coli. Biochimie 54:1227-36, 1972
ALUMINUM/ CASEIN/ CELL MEMBRANE, enzymology/ CHROMATOGRAPHY, DEAE-CELLULOSE/ *ESCHERICHIA COLI, enzymology/ HYDROLYSIS/ KINETICS/

MAGNESIUM/ OSMOTIC FRAGILITY/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, isolation & purification/ RIBOSOMES, enzymology/ SPHEROPLASTS/ *SUBCELLULAR FRACTIONS, enzymology/ ULTRASONICS

6410. **Regoeczi E, Wong KL:** Effects of intravenous neuraminidase on the turnover of fibrinogen.
Ciba Found Symp 9:181-201, 1972
ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS/ BLOOD PROTEINS, metabolism/ CELL MEMBRANE, metabolism/ CERULOPLASMIN, metabolism/ CHROMIUM ISOTOPES/ CLOSTRIDIUM PERFRINGENS, enzymology/ EDTA, metabolism/ ENDOTOXINS, pharmacodynamics/ EVALUATION STUDIES/ FIBRINOGEN, biosynthesis/ *FIBRINOGEN, metabolism/ GLYCOPROTEINS, metabolism/ IODINE ISOTOPES/ METHODS/ NEURAMINIC ACIDS, blood/ NEURAMINIC ACIDS, metabolism/ NEURAMINIC ACIDS, physiology/ NEURAMINIC ACIDS, urine/ NEURAMINIDASE, antagonists & inhibitors/ *NEURAMINIDASE, pharmacodynamics/ OXIDATION-REDUCTION/ PROTEIN BINDING/ RABBITS/ TIME FACTORS

6411. **Rehfeld JF, Stadil F:** Gel filtration studies on immunoreactive gastrin in serum from Zollinger-Ellison patients. Gut 14:369-73, May 73
CHROMATOGRAPHY, ION EXCHANGE/ *GASTRIN, blood/ GEL DIFFUSION TESTS/ HUMAN/ INSULIN/ IODINE ISOTOPES/ METHODS/ MOLECULAR WEIGHT/ PROINSULIN/ RADIOIMMUNOASSAY/ SODIUM ISOTOPES/ TRYPSIN/ *ZOLLINGER-ELLISON SYNDROME, immunology

6412. **Reich H:** Das Hämangiopericytom aus oto-rhinologischer Sicht.
HNO 20:363-8, Dec 72 (Ger)
ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOPERICYTOMA/ HEMANGIOPERICYTOMA, diagnosis/ HEMANGIOPERICYTOMA, pathology/ HEMANGIOPERICYTOMA, radiotherapy/ HEMANGIOPERICYTOMA, surgery/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ MIDDLE AGE/ *NASOPHARYNGEAL NEOPLASMS/ NASOPHARYNGEAL NEOPLASMS, diagnosis/ NASOPHARYNGEAL NEOPLASMS, surgery/ NEOPLASM METASTASIS/ *NOSE NEOPLASMS/ NOSE NEOPLASMS, diagnosis/ NOSE NEOPLASMS, radiotherapy/ NOSE NEOPLASMS, surgery/ *PARANASAL SINUS NEOPLASMS/ *PAROTID NEOPLASMS/ PAROTID NEOPLASMS, diagnosis/ PAROTID NEOPLASMS, surgery

6413. **Reich H:** Das Hämangiopericytom des Kindes.
Monatsschr Kinderheilkd 120:430-4, Oct 72 (53 ref.) (Ger)
ADOLESCENCE/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ CONNECTIVE TISSUE/ ENGLISH ABSTRACT/ FACIAL NEOPLASMS, diagnosis/ FACIAL NEOPLASMS, pathology/ FEMALE/ HEMANGIOPERICYTOMA, congenital/ *HEMANGIOPERICYTOMA, diagnosis/ HEMANGIOPERICYTOMA, pathology/ HEMANGIOPERICYTOMA, surgery/ HUMAN/ INFANT/ MALE/ MUSCLE, SMOOTH/ MUSCLES/ NEOPLASM METASTASIS/ PROGNOSIS/ REVIEW/ SKIN NEOPLASMS, congenital/ *SKIN NEOPLASMS, diagnosis/ SKIN NEOPLASMS, pathology/ SKIN NEOPLASMS, surgery

6414. **Reich H:** Das Hämangiopericytom.
Hautarzt 24:275-85, Jul 73 (Ger)
ADOLESCENCE/ ADULT/ AGED/ BONE NEOPLASMS, diagnosis/ CHILD/ CHILD, PRESCHOOL/ DOG DISEASES, pathology/ DOGS/ EXTREMITIES/ EYELID NEOPLASMS, diagnosis/ FEMALE/ *HEMANGIOPERICYTOMA/ HEMANGIOPERICYTOMA, classification/ HEMANGIOPERICYTOMA, diagnosis/ HEMANGIOPERICYTOMA, pathology/ HEMANGIOPERICYTOMA, surgery/ HEMANGIOPERICYTOMA, veterinary/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ MIDDLE AGE/ PROGNOSIS/ RECURRENCE/ SKIN NEOPLASMS

6415. **Reichert R, Hochstrasser K, Naumann HH:** Die Hemmung von Leukozyten--und Gewebskathepsinen durch den Inhibitor des Flimmerepithels und das Alpha-1-antitrypsin des Serums.
Acta Otolaryngol (Stockh) 75:239-42, Feb-Mar 73 (Ger)
*CATHEPSIN, antagonists & inhibitors/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ EPITHELIUM, enzymology/ HUMAN/ IMMUNOELECTROPHORESIS/ INFLAMMATION/ *LEUKOCYTES, enzymology/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, isolation & purification/ *RESPIRATORY SYSTEM, enzymology/ SUPPURATION, enzymology/ TRYPSIN INHIBITORS, pharmacodynamics

6416. **Reichert R, Hochstrasser K:** Zur Biochemie und Physiologie von Proteaseninhibitoren im Bereich des Respirationstraktes.
Arch Klin Exp Ohren Nasen Kehlkopfheilkd 202:376-9, 1972 (Ger)
AMINO ACID SEQUENCE/ BRONCHI, secretion/ *CHYMOTRYPSIN, antagonists & inhibitors/ HUMAN/ MOLECULAR WEIGHT/ NOSE, secretion/ PULMONARY EMPHYSEMA, physiopathology/ RESPIRATORY SYSTEM, drug effects/ *RESPIRATORY SYSTEM, enzymology/ *TRYPSIN INHIBITORS, metabolism

6417. **Reichert R, Hochstrasser K, Eisenmann M:** Simultane Bestimmung von Peroxydase, Lysozym und niedermolekularem Proteaseninhibitor im menschlichen Nasensekret.
Arch Klin Exp Ohren Nasen Kehlkopfheilkd 203:109-14, 1972 (Ger)
CHYMOTRYPSIN, antagonists & inhibitors/ ENGLISH ABSTRACT/ HUMAN/ LEUKOCYTES, enzymology/ METHODS/ MOLECULAR WEIGHT/ *MURAMIDASE, analysis/ NASAL MUCOSA, enzymology/ *NASAL MUCOSA, secretion/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEROXIDASES, analysis/ SINUSITIS, enzymology/ *TRYPSIN INHIBITORS, analysis

6418. **Reichert R, Hochstrasser K, Fruhmann G, et al:** Konzentration an niedermolekularem Proteaseninhibitor im Bronchialsekret bei 1 -Antitrypsinmangel.
Pneumonologie 147:41-5, 1972 (Ger)
ADULT/ BRONCHI, secretion/ *DEFICIENCY DISEASES, enzymology/ ENGLISH ABSTRACT/ HUMAN/ MALE/ MUCUS, enzymology/ NASAL MUCOSA, secretion/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PULMONARY EMPHYSEMA, enzymology/ *SPUTUM, enzymology/ *TRYPSIN INHIBITORS, metabolism

6419. **Reichert R, Hochstrasser K, Conradi G:** Untersuchungen zur Proteasenhemmkapazität des menschlichen Bronchialsekrets. Gehalt an niedermolekularem Inhibitor und 1 -antitrypsin unter physiologischen und pathophysiologischen Bedingungen.
Pneumonologie 147:13-20, 1972 (Ger)
BRONCHI, secretion/ BRONCHITIS, enzymology/ ENGLISH ABSTRACT/ HUMAN/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *SPUTUM, enzymology/ SPUTUM, metabolism/ *TRYPSIN INHIBITORS, metabolism

6420. **Reichl D:** Lipoprotein lipase activity in the adipose tissue of rats adapted to controlled feeding schedules.
Biochem J 128:79-87, Jun 72
*ADIPOSE TISSUE, enzymology/ ANIMAL EXPERIMENTS/ BLOOD SUGAR/ *DIET/

FASTING/ FATTY ACIDS, NONESTERIFIED, blood/ INSULIN, blood/ *LIPOPROTEIN LIPASE, analysis/ MALE/ RATS/ RATS, INBRED WF/ TIME FACTORS

6421. **Reid C, Trotter CM:** Blood coagulation and platelet function in red-haired men.
Practitioner 210:811-2, Jun 73
BLOOD CELL COUNT/ *BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS, physiology/ *HAIR/ HUMAN/ MALE/ MICROSCOPY, FLUORESCENCE/ *PIGMENTATION/ PLATELET ADHESIVENESS/ THROMBOPLASTIN

6422. **Reid HA, Sucharit P:** Ancrod, heparin, and -aminocaproic acid in simian Knowlesi malaria.
Lancet 2:1110-2, 25 Nov 72
AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTICOAGULANTS, adverse effects/ *ANTICOAGULANTS, pharmacodynamics/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION DISORDERS, prevention & control/ *CHLOROQUINE, pharmacodynamics/ FIBRINOLYTIC AGENTS, pharmacodynamics/ HEMORRHAGE, chemically induced/ HEPARIN, pharmacodynamics/ MALARIA, complications/ *MALARIA, drug therapy/ MONKEYS

6423. **Reifferscheid M, Pesendorfer H, Schwilden ED:** Massnahmen zur Verhütung des Adhäsionsileus. Eine Untersuchung der klinischen Wertigkeit von Darmplikation und Darmschienung.
Bruns Beitr Klin Chir 220:125-32, Apr 73 (Ger)
ADHESIONS, prevention & control/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ HUMAN/ INTESTINAL OBSTRUCTION, etiology/ *INTESTINAL OBSTRUCTION, prevention & control/ INTESTINAL OBSTRUCTION, surgery/ METHODS/ PERITONEAL DISEASES, complications/ PERITONEAL DISEASES, etiology/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ RECURRENCE

6424. **Reimers HJ, Buchanan MR, Mustard JF:** Survival of washed rabbit platelets in vivo.
Proc Soc Exp Biol Med 142:1222-5, Apr 73
BLOOD CELL COUNT/ *BLOOD PLATELETS/ CELL AGGREGATION/ CELLS/ HALF-LIFE/ ISOFLUROPHATE/ MALE/ RATS/ TIME FACTORS/ TRITIUM

6425. **Reimers HJ, Huth K, Schmahl FW, et al:** Abdominelle Koliken bei Hyperlipämie als Folge intravasaler Gerinnung. Med Welt 24:297-8, 23 Feb 73 (Ger)
ABDOMEN/ ADULT/ BLOOD PLATELETS, physiopathology/ *COLIC, etiology/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FEMALE/ HUMAN/ *HYPERLIPEMIA, complications/ HYPERLIPEMIA, physiopathology

6426. **Reinblatt JD, Raisz LG, Kenny AD:** Secretion of avian ultimobrachial calcitonin in organ culture.
Endocrinology 93:277-84, Aug 73
ANIMAL EXPERIMENTS/ BONE AND BONES, secretion/ CALCIUM, blood/ CALCIUM ISOTOPES/ CHICK EMBRYO/ DOSE-RESPONSE RELATIONSHIP, DRUG/ GEL FILTRATION/ IN VITRO/ ORGAN CULTURE/ PARATHYROID HORMONE, pharmacodynamics/ PRESSURE/ RADIUS/ RATS/ THYROCALCITONIN, isolation & purification/ THYROCALCITONIN, pharmacodynamics/ *THYROCALCITONIN, secretion/ TIME FACTORS/ TRYPSIN, pharmacodynamics/ ULNA/ *ULTIMOBRANCHIAL BODY, secretion

6427. **Reinwein D:** Differentialdiagnostische Bedeutung der Bestimmung von Schilddrüsenhormonen und Tsh.
Med Klin 67:1577-83, 1 Dec 72 (49 ref.) (Ger)
DIAGNOSIS, DIFFERENTIAL/ GOITER, blood/ HEPARIN, pharmacodynamics/ HUMAN/ HYPERTHYROIDISM, blood/ HYPERTHYROIDISM, radiotherapy/ HYPOTHYROIDISM, blood/ IODINE ISOTOPES, therapeutic use/ METHODS/ NEPHROTIC SYNDROME, blood/ PROTEIN-BOUND IODINE TEST/ REVIEW/ THYROID ANTAGONISTS, pharmacodynamics/ *THYROID HORMONES, blood/ *THYROTROPIN, blood/ THYROTROPIN RELEASING FACTOR, pharmacodynamics/ THYROXINE, blood/ THYROXINE-BINDING PROTEIN/ TRIIODOTHYRONINE, blood

6428. **Reite OB:** Effect of physical and chemical agents on the blood mast cells (basophil leucocytes) of turtles.
Acta Physiol Scand 87:549-56, Apr 73
ANIMAL EXPERIMENTS/ *BASOPHILS, drug effects/ COMPOUND 48-80, pharmacodynamics/ DYES/ EPINEPHRINE, pharmacodynamics/ HISTAMINE, blood/ *HISTAMINE LIBERATION, drug effects/ HYDROGEN-ION CONCENTRATION/ HYPERTONIC SOLUTIONS/ HYPOTONIC SOLUTIONS/ PHENOTHIAZINES, pharmacodynamics/ POLYMYXIN, pharmacodynamics/ PROTAMINES, pharmacodynamics/ RESERPINE, pharmacodynamics/ SEROTONIN, pharmacodynamics/ SODIUM CHLORIDE, pharmacodynamics/ TOLUIDINE BLUE O, pharmacodynamics/ TUBOCURARINE, pharmacodynamics/ TURTLES

6429. **Remde W:** Langzeittherapie mit Antikoagulantien.
Z Gesamte Inn Med 28:23-7, 15 Jan 73 (Ger)
*ANTICOAGULANTS, therapeutic use/ ARTERIAL OCCLUSIVE DISEASES, drug therapy/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ HUMAN/ LONG TERM CARE/ MITRAL VALVE STENOSIS, drug therapy/ MYOCARDIAL INFARCT, drug therapy/ PULMONARY EMBOLISM, prevention & control/ THROMBOPHLEBITIS, prevention & control/ THROMBOSIS, prevention & control/ TIME FACTORS

6430. **Remmele W, Loeper-Soeth H:** Diffuse peritoneale Fibrose im Säuglingsalter nach fetaler Peritonitis.
Monatsschr Kinderheilkd 121:91-7, Mar 73 (Ger)
ADHESIONS/ CLEFT PALATE, complications/ ENGLISH ABSTRACT/ FEMALE/ *FETAL DISEASES, complications/ HUMAN/ HYPOSPADIAS, complications/ INFANT/ LISTERIA INFECTIONS, complications/ MALE/ *PERITONEAL DISEASES, etiology/ *PERITONITIS, complications/ PREGNANCY/ PREGNANCY COMPLICATIONS, INFECTIOUS, complications

6431. **Remmele W, Loew D:** Pathophysiologie der Thrombocyten im Schock.
Klin Wochenschr 51:3-9, Jan 73 (109 ref.) (Ger)
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ BLOOD PLATELET DISORDERS/ *BLOOD PLATELETS/ HUMAN/ MICROCIRCULATION/ PLATELET ADHESIVENESS/ RABBITS/ RATS/ REVIEW/ *SHOCK, blood/ SHOCK, complications/ SHOCK, ENDOTOXIC, blood/ SHOCK, HEMORRHAGIC, blood/ SHOCK, TRAUMATIC, blood/ THROMBOPENIA, etiology

6432. **Remold HG:** Purification and characterization of lymphocyte mediators in cellular immunity: comparative studies on migration inhibitory factor (MIF) chemotactic factor for macrophages and lymphotoxin. Transplant Rev 10:152-76, 1972
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, physiology/ CENTRIFUGATION, DENSITY GRADIENT/ *CHEMOTAXIS/ CONCANAVALIN A, pharmacodynamics/ ELECTROPHORESIS, DISK/ GUINEA PIGS, immunology/ HUMAN/ *IMMUNITY, CELLULAR/ IN VITRO/ *LYMPHOCYTES, immunology/ *MACROPHAGES/ NEURAMINIDASE, pharmacodynamics/ TRYPSIN, pharmacodynamics

6433. **Rendu F, Rodriguez-Zeballos A, Caen J:** Effecteurs de l'agrégation et populations plaquettaires humaines.
Nouv Rev Fr Hematol 12:708, Sep-Oct 72 (Fre)
ADENOSINE DIPHOSPHATE, pharmacodynamics/ *BLOOD PLATELETS,

drug effects/ *CELL AGGREGATION, drug effects/ DIPYRIDAMOLE, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ ETHYLMALEIMIDE, pharmacodynamics/ HUMAN/ PAPAVERINE, pharmacodynamics

6434. **Rendu F, Rodriguez-Zeballos A, Caen J:** Effecteurs de l'agrégation et populations plaquettaires.
Pathol Biol (Paris) Suppl:28-32, Dec 72 (Fre)
ADENOSINE, pharmacodynamics/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ *ANTICOAGULANTS, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ BLOOD PRESERVATION/ *CELL AGGREGATION, drug effects/ CENTRIFUGATION, DENSITY GRADIENT/ DIPYRIDAMOLE, pharmacodynamics/ ENGLISH ABSTRACT/ EPINEPHRINE, pharmacodynamics/ ETHYLMALEIMIDE, pharmacodynamics/ HUMAN/ LITHIUM, pharmacodynamics

6435. **Renfield ML, Kraybill EN:** Comsumptive coagulopathy with renal vein thrombosis. J Pediatr 82:1054-6, Jun 73
BLOOD CELL COUNT/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ PROTHROMBIN TIME/ *RENAL VEINS/ THROMBOPLASTIN, analysis/ *THROMBOSIS, complications/ THROMBOSIS, drug therapy

6436. **Renner R:** Evidence for an insulin receptor in muscle.
FEBS Lett 32:87-90, 15 May 73
ANIMAL EXPERIMENTS/ BIGUANIDES, pharmacodynamics/ BIOLOGICAL TRANSPORT/ BUTYLAMINES, pharmacodynamics/ DIAPHRAGM, metabolism/ GLUCOSE, metabolism/ GLYCOGEN, metabolism/ GUANIDINES, pharmacodynamics/ IN VITRO/ *INSULIN, metabolism/ INSULIN, pharmacodynamics/ MALE/ MUSCLE, SMOOTH, drug effects/ *MUSCLE, SMOOTH, metabolism/ PLANTS/ RATS/ *RECEPTORS, HORMONE/ SERUM ALBUMIN, pharmacodynamics/ TIME FACTORS/ TRYPSIN, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics

6437. **Renoux M, Lerolle-Mollaret PE, Gonin J, et al:** Inhibition de l'anaphylaxie cutanée passive du rat par lacide epsilon-amino-caproïque.
Pathol Biol (Paris) 21:173-9, Feb 73 (Fre)
AMINOCAPROIC ACID, administration & dosage/ *AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTIBODIES/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ENGLISH ABSTRACT/ OVALBUMIN/ *PASSIVE CUTANEOUS ANAPHYLAXIS, drug effects/ RABBITS, immunology/ RATS

6438. **Renovanz HD:** Klinische Pharmakologie von Fominoben.
Arzneim Forsch 23:Suppl 2a:319-2, Feb 73 (Ger)
ADMINISTRATION, ORAL/ ADULT/ ANILIDES, pharmacodynamics/ ANILIDES, therapeutic use/ *ANTITUSSIVE AGENTS, pharmacodynamics/ ANTITUSSIVE AGENTS, therapeutic use/ BLOOD COAGULATION, drug effects/ BLOOD GAS ANALYSIS/ BLOOD PRESSURE, drug effects/ BLOOD SUGAR/ CARBOHYDRATES, metabolism/ CHILD/ CHILD, PRESCHOOL/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ COUGH, drug therapy/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG TOLERANCE/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ HUMAN/ INFANT/ INFANT, NEWBORN/ METHYLAMINES, pharmacodynamics/ METHYLAMINES, therapeutic use/ *MORPHOLINES, pharmacodynamics/ MORPHOLINES, therapeutic use/ OXYGEN, blood/ PARTIAL PRESSURE/ PLACEBOS/ PULMONARY ARTERY/ RESPIRATION, drug effects

6439. **Repentigny J de, Mathieu LG, Gadbois T:** Interactions entre Staphylococcus aureus et Pseudomonas aeruginosa dans des cultures in vitro et au cours d'infections expérimentales.
Can J Microbiol 18:1531-41, Oct 72 (Fre)
ANIMAL EXPERIMENTS/ COAGULASE, analysis/ CULTURE MEDIA/ CYCLOSERINE, pharmacodynamics/ DEOXYRIBONUCLEASE, analysis/ ENGLISH ABSTRACT/ HYDROGEN-ION CONCENTRATION/ MICE/ PERITONEUM/ *PSEUDOMONAS AERUGINOSA, growth & development/ *PSEUDOMONAS INFECTIONS/ *STAPHYLOCOCCAL INFECTIONS/ STAPHYLOCOCCUS, drug effects/ STAPHYLOCOCCUS, enzymology/ *STAPHYLOCOCCUS, growth & development/ TEMPERATURE/ TRYPTOPHAN, pharmacodynamics

6440. **Resegotti L, Rossi M, Infelise V:** Aspetti iniziali delle leucemie acute. Studio statistico su 90 casi.
Minerva Med 64:2013-25, 27 May 73 (Ita)
ACUTE DISEASE/ ADULT/ APPETITE DISORDERS, etiology/ ASTHENIA, etiology/ BLOOD CELL COUNT/ BONE MARROW CELLS/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEVER, etiology/ HEMORRHAGE, etiology/ HUMAN/ *LEUKEMIA, complications/ LEUKEMIA, diagnosis/ LEUKEMIA, LYMPHOBLASTIC, diagnosis/ LEUKEMIA, MONOBLASTIC, diagnosis/ LEUKEMIA, MYELOBLASTIC, diagnosis/ OTITIS, etiology/ SPLENOMEGALY, etiology/ THROMBOPENIA, etiology/ TONSILLITIS, etiology

6441. **Resnekov L:** Cardiac arrhythmias. 6. Present status of electroversion in the management of cardiac dysrhythmias. Circulation 47:1356-63, Jun 73 (46 ref.)
ANTICOAGULANTS, therapeutic use/ *ARRHYTHMIA, therapy/ AURICULAR FLUTTER, therapy/ DIGITALIS GLYCOSIDES, therapeutic use/ DIPHENYLHYDANTOIN, therapeutic use/ *ELECTRIC COUNTERSHOCK/ ELECTRIC COUNTERSHOCK, adverse effects/ ELECTROCARDIOGRAPHY/ FOLLOW-UP STUDIES/ HEART ENLARGEMENT, etiology/ HUMAN/ HYPOTENSION, etiology/ LIDOCAINE, therapeutic use/ METHODS/ MYOCARDIAL INFARCT, etiology/ PROCAINE AMIDE, therapeutic use/ PULMONARY EDEMA, etiology/ PULMONARY EMBOLISM, etiology/ QUINIDINE, therapeutic use/ REVIEW/ TACHYCARDIA, therapy/ TACHYCARDIA, PAROXYSMAL, therapy/ VENTRICULAR FIBRILLATION, therapy

6442. **Reul GJ Jr, Greenberg SD, Lefrak EA, et al:** Prevention of post-traumatic pulmonary insufficency. Fine screen filtration of blood.
Arch Surg 106:386-94, Apr 73
ABDOMINAL INJURIES, therapy/ ADULT/ ANOXEMIA, etiology/ ARM INJURIES, therapy/ *BLOOD/ BLOOD COAGULATION DISORDERS, complications/ BLOOD PLATELETS/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION, adverse effects/ FEMALE/ *FILTRATION/ HEMOGLOBIN/ HUMAN/ LEG INJURIES, therapy/ MALE/ MICROCIRCULATION/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ PLATELET ADHESIVENESS/ PROSPECTIVE STUDIES/ PULMONARY ALVEOLI, pathology/ PULMONARY ARTERY, pathology/ PULMONARY EDEMA, pathology/ RESPIRATION, ARTIFICIAL/ RESPIRATORY INSUFFICIENCY, etiology/ RESPIRATORY INSUFFICIENCY, pathology/ *RESPIRATORY INSUFFICIENCY, prevention & control/ THORACIC INJURIES, therapy/ *WOUNDS AND INJURIES, therapy

6443. **Reuter E:** Unerwünschte Wirkungen von Tetracyclinen. Med Klin 67:1256-61, 29 Sep 72 (Ger
BLOOD COAGULATION, drug effects/ BLOOD

PRESSURE, drug effects/ BONE AND BONES, metabolism/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG COMBINATIONS/ DRUG INTERACTIONS/ FEMALE/ GASTROINTESTINAL SYSTEM, drug effects/ HUMAN/ KIDNEY, drug effects/ LIVER, drug effects/ PHOTOSENSITIZATION/ PREGNANCY/ *TETRACYCLINE, adverse effects/ TETRACYCLINE, metabolism/ TETRACYCLINE, pharmacodynamics/ TETRACYCLINE, toxicity/ TOOTH, metabolism

6444. **Reuter H:** Die Beeinflussung der Plättchenfunktion durch chemische Substanzen.
Verh Dtsch Ges Inn Med 77:403-6, 1971 (Ger)
BLOOD PLATELETS, physiology/ *DIPYRIDAMOLE, pharmacodynamics/ HUMAN/ *PLATELET ADHESIVENESS, drug effects

6445. **Reuter H:** Die Hemmung der Plättchenfunktionen durch chemische Substanzen.
Hippokrates 44:96-8, Mar 73 (Ger)
*ANTICOAGULANTS, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ DEPRESSION, CHEMICAL/ HUMAN

6446. **Reuter H, Linker H:** Die Beeinflussung der Plättchenfunktionen durch chemische Substanzen in vitro und in vivo. Med Welt 23:1383-4, 30 Sep 72 (Ger)
*ANTICOAGULANTS, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ HUMAN/ IN VITRO/ PLATELET ADHESIVENESS, drug effects/ *PYRIMIDINES, pharmacodynamics

6447. **Reva AD, Berezin VA:** Kysla proteinaza v piznykh viddilakh tsentral'noi nervovoi systemy.
Ukr Biokhim Zh 44:164-8, 1972 (Ukr)
ANIMAL EXPERIMENTS/ BRAIN CHEMISTRY/ CATS/ *CENTRAL NERVOUS SYSTEM, enzymology/ CEREBELLUM, enzymology/ ENGLISH ABSTRACT/ MALE/ MEDULLA OBLONGATA, enzymology/ *PEPTIDE HYDROLASES, physiology/ PROTEINS, analysis/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SUBCELLULAR FRACTIONS, physiology/ SUBSTANTIA NIGRA, enzymology

6448. **Reva AD, Gengin MT:** Neitral'na proteinazna aktyvnist' u funktsional'no i morfolohichno riznykh diliankakh tsentral'noi nervovoi systemy.
Ukr Biokhim Zh 44:160-3, 1972 (Ukr)
ANIMAL EXPERIMENTS/ BRAIN CHEMISTRY/ CATS/ *CENTRAL NERVOUS SYSTEM, enzymology/ CEREBELLUM, enzymology/ ENGLISH ABSTRACT/ MALE/ MEDULLA OBLONGATA, enzymology/ *PEPTIDE HYDROLASES, physiology/ PROTEINS, analysis/ SPECTROPHOTOMETRY/ SPINAL CORD, enzymology/ SUBCELLULAR FRACTIONS, physiology/ SUBSTANTIA NIGRA, enzymology

6449. **Révész T:** Discordant identical twins. Christmas disease. Practitioner 210:162-4, Jan 73
CHILD, PRESCHOOL/ CHRISTMAS DISEASE, diagnosis/ *CHRISTMAS DISEASE, familial & genetic/ CHROMOSOME ABNORMALITIES, familial & genetic/ *DISEASES IN TWINS/ FEMALE/ HUMAN/ PEDIGREE

6450. **Révész T, Schuler D, Goldschmidt B, et al:** Christmas disease in one of a pair of monozygotic twin girls, possibly the effect of lyonization.
J Med Genet 9:396-400, Dec 72
BLOOD COAGULATION TESTS/ BLOOD GROUPS/ *CHRISTMAS DISEASE, familial & genetic/ *DISEASES IN TWINS/ FEMALE/ HETEROZYGOTE/ HISTOCOMPATIBILITY/ HUMAN/ INFANT/ LEUKOCYTE CULTURE TEST, MIXED/ PEDIGREE/ SEX CHROMOSOMES

6451. **Révész T, Schuler D, Goldschmidt B, et al:** Lyonisatio, mint a haemophilia B elöfordulásának valószínü oka leánygyermeken. Orv Hetil 114:1603-8, 8 Jul 73 (Hun)
BLOOD GROUPS/ CHILD, PRESCHOOL/ *CHRISTMAS DISEASE, familial & genetic/ DISEASES IN TWINS/ FEMALE/ GENE FREQUENCY/ HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ INFANT/ MALE/ PEDIGREE/ *SEX CHROMOSOME ABNORMALITIES

6452. **Revillard JP, Betuel H, Robert M:** Effects of alloantibodies on lymphocyte proliferation in vitro.
Cell Immunol 8:339-55, Sep 73
ABSORPTION/ ANTIBODY SPECIFICITY/ ANTIGENS/ BLOOD PLATELETS, immunology/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FEMALE/ HISTOCOMPATIBILITY TESTING/ HUMAN/ IMMUNE SERUMS/ *ISOANTIBODIES/ *LEUKOCYTE CULTURE TEST, MIXED/ *LYMPHOCYTES, immunology/ PLANT AGGLUTININS, pharmacodynamics/ PREGNANCY/ STREPTODORNASE AND STREPTOKINASE/ THYMIDINE, metabolism/ TRITIUM/ TUBERCULIN

6453. **Revol L:** Indications thérapeutiques dans les syndromes hémorragiques d'origine plaquettaire.
Lyon Med 19:Suppl:153-5, Apr 72 (Fre)
*BLOOD PLATELET DISORDERS, therapy/ DESENSITIZATION/ GLUCOCORTICOIDS, therapeutic use/ *HEMORRHAGE, therapy/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ SPLENECTOMY

6454. **Revol L:** Classification des syndromes hémorragiques.
Lyon Med 19:Suppl:113-6, Apr 72 (Fre)
BLOOD PLATELET DISORDERS, classification/ *HEMORRHAGE, classification/ HEMORRHAGE, familial & genetic/ *HEMORRHAGIC DIATHESIS, classification/ HUMAN

6455. **Revskoĭ IuK:** Primenenie provoostanavlivaiushchego sredstva spongostan u lordraktike.
Zh Ushn Nos Gorl Bolezn 31:98, Jul-Aug 71 (Rus)
HEMORRHAGE, therapy/ *HEMOSTATICS, therapeutic use/ HUMAN/ *OTORHINOLARYNGOLOGIC DISEASES, therapy

6456. **Revutskiĭ BI:** Raspredelenie mikroélementov mezhdu plazmoĭ i formennymi élementami krovi pri khronicheskom pankreatite.
Klin Med (Mosk) 50:101-4, Sep 72 (Rus)
ADOLESCENCE/ ADULT/ ALUMINUM, blood/ *BLOOD CELLS, analysis/ *BLOOD PLATELETS, analysis/ CHRONIC DISEASE/ COPPER, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ IRON, blood/ MALE/ MANGANESE, blood/ MIDDLE AGE/ *PANCREATITIS, blood/ SILICON, blood/ *TRACE ELEMENTS, blood

6457. **Reymond RD, Hazra TA, Edlow DW, et al:** Haemangiopericytoma of the vulva with metastasis to bone 14 years later. Br J Radiol 45:765-8, Oct 72
CASE REPORT/ FEMALE/ *FEMORAL NEOPLASMS, radiotherapy/ *HEMANGIOPERICYTOMA, radiotherapy/ HEMANGIOPERICYTOMA, surgery/ HUMAN/ NEOPLASM METASTASIS/ RECURRENCE/ *VULVAR NEOPLASMS, surgery

6458. **Reynier J:** Surgery in Graves' disease: analysis after operation on 1,265 goiters. Int Surg 58:456-7, Jul 73
AGE FACTORS/ FOLLOW-UP STUDIES/ *GOITER, EXOPHTHALMIC, surgery/ HEMATOMA, etiology/ HUMAN/ HYPOTHYROIDISM, etiology/ NECK, injuries/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ PREOPERATIVE CARE/ SURGICAL WOUND INFECTION/ TACHYCARDIA, etiology/ TETANY, etiology/ TIME FACTORS/ VOCAL CORD PARALYSIS, etiology

6459. **Reysset G, Millet J:** Characterization of an intracellular protease in B. subtillus during sporulation.
Biochem Biophys Res Commun 49:328-34, 17 Oct 72
AMMONIUM SULFATE/ *BACILLUS SUBTILIS, enzymology/ BACILLUS SUBTILIS, growth & development/ CALCIUM/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ KINETICS/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE

PEPTIDOHYDROLASES, isolation & purification/ PRECIPITATION/ SERINE/ SPORES, BACTERIAL, growth & development/ STRUCTURE-ACTIVITY RELATIONSHIP

6460. **Rhame FS, Root RK, MacLowry JD, et al:** Salmonella septicemia from platelet transfusions. Study of an outbreak traced to a hematogenous carrier of Salmonella cholerae-suis.
Ann Intern Med 78:633-41, May 73
ADOLESCENCE/ ADULT/ AGED/ *BLOOD DONORS/ *BLOOD PLATELETS/ *BLOOD TRANSFUSION, adverse effects/ CARRIER STATE/ CHILD/ CHILD, PRESCHOOL/ DISEASE OUTBREAKS/ FEMALE/ HUMAN/ IMMUNOSUPPRESSION/ MALE/ NEOPLASMS, therapy/ OSTEOMYELITIS, etiology/ RETICULOENDOTHELIAL SYSTEM/ SALMONELLA, isolation & purification/ *SALMONELLA INFECTIONS, occurrence/ SEPTICEMIA, etiology/ *SEPTICEMIA, occurrence

6461. **Rhoads RE, McKnight GS, Schimke RT:** Quantitative measurement of ovalbumin messenger ribonucleic acid activity. Localization in polysomes, induction by estrogen, and effect of actinomycin D.
J Biol Chem 248:2031-9, 25 Mar 73
ANIMAL EXPERIMENTS/ BENZOATES, pharmacodynamics/ CENTRIFUGATION, DENSITY GRADIENT/ CHICKENS/ *DACTINOMYCIN, pharmacodynamics/ *ESTRADIOL, pharmacodynamics/ FEMALE/ HEPARIN, pharmacodynamics/ KINETICS/ *OVALBUMIN, biosynthesis/ OVALBUMIN, metabolism/ OVIDUCTS, cytology/ OVIDUCTS, drug effects/ OVIDUCTS, metabolism/ POLYRIBOSOMES, drug effects/ *POLYRIBOSOMES, metabolism/ RABBITS/ RABBITS, immunology/ *RETICULOCYTES, metabolism/ RNA, MESSENGER, analysis/ RNA, MESSENGER, biosynthesis/ *RNA, MESSENGER, metabolism/ TIME FACTORS/ ULTRACENTRIFUGATION

6462. **Rhodes GR, Cox CB, Silver D:** Arteriovenous fistula and false aneurysm as the cause of consumption coagulopathy. Surgery 73:535-40, Apr 73
*ANEURYSM, complications/ *ARTERIOVENOUS FISTULA, complications/ ARTERIOVENOUS FISTULA, radiography/ ARTERIOVENOUS FISTULA, surgery/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FIBRINOGEN/ HUMAN/ MALE/ MIDDLE AGE/ *SUBCLAVIAN ARTERY/ *SUBCLAVIAN VEIN

6463. **Rhodes GR, Dixon RH, Silver D:** Heparin induced thrombocytopenia with thrombotic and hemorrhagic manifestations.
Surg Gynecol Obstet 136:409-16, Mar 73
ADULT/ ANTIBODY FORMATION/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, immunology/ COMPLEMENT FIXATION TESTS/ *HEMORRHAGE, etiology/ HEPARIN, administration & dosage/ *HEPARIN, adverse effects/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, blood/ PLATELET ADHESIVENESS/ PROTHROMBIN TIME/ THROMBOEMBOLISM, drug therapy/ *THROMBOPENIA, chemically induced/ THROMBOPENIA, complications/ THROMBOPENIA, immunology/ THROMBOPLASTIN, biosynthesis/ *THROMBOSIS, etiology

6464. **Rhodes J:** Azathioprine in the treatment of Crohn's disease. Br J Surg 59:819-21, Oct 72
AZATHIOPRINE, administration & dosage/ AZATHIOPRINE, adverse effects/ *AZATHIOPRINE, therapeutic use/ CLINICAL RESEARCH/ COLIC, chemically induced/ ENTERITIS, REGIONAL, complications/ *ENTERITIS, REGIONAL, drug therapy/ HUMAN/ LEUKOPENIA, chemically induced/ T-LYMPHOCYTES/ LYMPHOMA, chemically induced/ LYMPHOMA, complications/ PLACEBOS/ PREDNISONE, therapeutic use/ REMISSION/ THROMBOPENIA, chemically induced

6465. **Riazantseva IN, Beliaeva MI, Vinter VG:** Aktivnost' DNK-az pri opukholevom roste i deistvie na nee RNK astsiticheskoi zhidkosti opukholi Erlikha.
Vopr Onkol 18:33-7, 1972 (Rus)
ANIMAL EXPERIMENTS/ ASCITIC FLUID, analysis/ BLOOD VISCOSITY/ *CARCINOMA, EHRLICH TUMOR, enzymology/ *DEOXYRIBONUCLEASE, analysis/ DEOXYRIBONUCLEASE, blood/ ENGLISH ABSTRACT/ INJECTIONS, INTRAPERITONEAL/ MICE/ NEOPLASM TRANSPLANTATION/ *RNA, NEOPLASM, pharmacodynamics

6466. **Ribet A, Pascal JP, Frexinos J:** Le pancréas exocrine. I. Structure et fonctions.
Nouv Presse Med 1:2633-40, 4 Nov 72 (44 ref.) (Fre)
AMYLASE, secretion/ ANIMAL EXPERIMENTS/ CELL MEMBRANE/ CYTOPLASM/ CYTOPLASMIC GRANULES/ DOGS/ ENDOPLASMIC RETICULUM/ ESTERASES, secretion/ GOLGI APPARATUS/ HISTOCYTOCHEMISTRY/ HUMAN/ LIPASE, secretion/ NUCLEOTIDYLTRANSFERASES, secretion/ ORGANOIDS/ *PANCREAS/ PANCREAS, anatomy & histology/ PANCREAS, cytology/ PANCREAS, enzymology/ PANCREAS, physiology/ PANCREAS, secretion/ PANCREATIC JUICE, enzymology/ *PANCREATIC JUICE, secretion/ PEPTIDE HYDROLASES, secretion/ PEPTIDE PEPTIDOHYDROLASES, secretion/ PHOSPHOLIPASE, secretion/ REVIEW

6467. **Ribet M:** Les lésions broncho-pulmonaires dans les traumatismes graves du thorax.
Rev Chir Orthop 59:Suppl 1:312-23, 1973 (Fre)
BRONCHI, injuries/ *BRONCHIAL DISEASES, etiology/ CONTUSIONS, etiology/ HEMATOMA, etiology/ HEMORRHAGE, etiology/ HUMAN/ *LUNG, injuries/ *LUNG DISEASES, etiology/ METHODS/ PNEUMOTHORAX, etiology/ PULMONARY EMPHYSEMA, etiology/ RESPIRATION, ARTIFICIAL/ RESPIRATORY INSUFFICIENCY, etiology/ RUPTURE, etiology/ *THORACIC INJURIES, complications/ THORACIC INJURIES, surgery/ THORACIC INJURIES, therapy/ TRACHEA, injuries

6468. **Ricca M, Ciliberto R:** Forme cliniche e terapia delle sindromi piastrinopatiche.
Minerva Pediatr 24:1404-30, 15 Sep 72 (Ita)
ADENOSINE DIPHOSPHATE, therapeutic use/ *BLOOD PLATELET DISORDERS/ BLOOD PLATELET DISORDERS, classification/ BLOOD PLATELET DISORDERS, drug therapy/ BLOOD PLATELET DISORDERS, familial & genetic/ CHILD/ HEMORRHAGE/ HUMAN/ LEUKEMIA, MONOCYTIC, diagnosis/ PURPURA, THROMBOPENIC, familial & genetic/ THROMBELASTOGRAPHY/ VON WILLEBRAND'S DISEASE, diagnosis

6469. **Rice R, Fraenkel-Conrat H:** Fidelity of translation of satellite tobacco necrosis virus ribonucleic acid in a cell-free Escherichia coli system.
Biochemistry 12:181-7, 16 Jan 73
AMINO ACID SEQUENCE/ AMINO ACIDS, metabolism/ *ASSOCIATED VIRUS/ CARBON ISOTOPES/ CELL-FREE SYSTEM/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ESCHERICHIA COLI, metabolism/ GEL FILTRATION/ GENETIC CODE/ MOLECULAR WEIGHT/ PEPTIDES, biosynthesis/ *PLANT VIRUSES/ *RNA, MESSENGER, metabolism/ *RNA, VIRAL, metabolism/ SODIUM DODECYL SULFATE/ TOBACCO/ TOBACCO MOSAIC VIRUS/ TRANSLATION, GENETIC/ TRITIUM/ TRYPSIN/ UREA/ *VIRAL PROTEINS, biosynthesis

6470. **Richard C, Chaudhary KD:** Quelques aspects de la synthèse protéique dans les muscles thoraciques en

développement de Schistocerca gregaria (Forsk.
Can J Biochem 50:1228-37, Nov 72 (Fre)
AGING/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ CYCLOHEXIMIDE, pharmacodynamics/ ENGLISH ABSTRACT/ GRASSHOPPERS, growth & development/ GUANOSINE TRIPHOSPHATE, pharmacodynamics/ LARVA/ MICROSOMES, metabolism/ *MUSCLE PROTEINS, biosynthesis/ MUSCLES, cytology/ *MUSCLES, metabolism/ PANCREAS, enzymology/ PHENYLALANINE, metabolism/ POLY U, pharmacodynamics/ POLYRIBOSOMES, metabolism/ PUROMYCIN, pharmacodynamics/ RIBONUCLEASE/ RNA, biosynthesis/ STIMULATION, CHEMICAL/ THORAX, cytology/ THORAX, metabolism/ TRYPSIN

6471. **Richards RD, Mebust WK, Schimke RN:** A prospective study on Von Hippel-Lindau disease.
J Urol 110:27-30, Jul 73
ADENOCARCINOMA, radiography/ ADENOCARCINOMA, surgery/ ADULT/ *ANGIOMATOSIS, familial & genetic/ ANGIOMATOSIS, radiography/ ANGIOMATOSIS, surgery/ ANGIOSARCOMA, radiography/ ANGIOSARCOMA, surgery/ BRAIN NEOPLASMS, radiography/ BRAIN NEOPLASMS, surgery/ FEMALE/ HUMAN/ *KIDNEY NEOPLASMS, familial & genetic/ KIDNEY NEOPLASMS, radiography/ KIDNEY NEOPLASMS, surgery/ MALE/ MIDDLE AGE/ PEDIGREE/ PROSPECTIVE STUDIES/ UROGRAPHY

6472. **Richards RD, Spurling CL:** Elective ocular surgery in hemophilia. Arch Ophthalmol 89:167-8, Feb 73
FACTOR VIII, therapeutic use/ FREEZING/ *GLAUCOMA, surgery/ *HEMOPHILIA, complications/ HUMAN/ *IRIS, surgery/ MALE/ MIDDLE AGE

6473. **Richardson G:** The production and testing of staphylococci with clumping factor activity for use in the assay of fibrinogen degradation products.
J Clin Pathol 26:377-80, May 73
*AGGLUTININS, isolation & purification/ BACTERIOLOGICAL TECHNICS/ FERMENTATION/ *FIBRINOGEN, analysis/ FIBRINOGEN, metabolism/ METHODS/ STAPHYLOCOCCUS, growth & development/ *STAPHYLOCOCCUS, immunology/ TIME FACTORS

6474. **Richardson JH:** An underwriting approach to the hemophiliac disorders.
Trans Assoc Life Ins Med Dir Am 55:39-55, 1972
BLOOD COAGULATION DISORDERS/ *HEMOPHILIA/ HEMOPHILIA, mortality/ HUMAN/ INSURANCE, LIFE/ LIFE EXPECTANCY

6475. **Richaud C:** Hemorragies dans la chirurgie de l'adénome prostatique. Exposé introductif.
J Urol Nephrol (Paris) 78:459-61, Jun 72 (Fre)
AGED/ *HEMORRHAGE, etiology/ HEMOSTASIS/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ *PROSTATECTOMY/ *PROSTATIC HYPERTROPHY, surgery

6476. **Richiardi P, Curtoni ES, Piazza A, et al:** Identification of two determinants included in "antigen" HL-A-10 (TO 31 and TO 40) and of a new family of cross-reacting specificities (HL-A1,11,TO 30,31,40).
Tissue Antigens 1:162-70, 1971
ABSORPTION/ ADULT/ ANTIBODY DISSOCIATION/ ANTIGENIC DETERMINANTS/ BLOOD PLATELETS, immunology/ BLOOD TRANSFUSION/ *CROSS REACTIONS/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FEMALE/ GENE FREQUENCY/ *HISTOCOMPATIBILITY ANTIGENS, classification/ HISTOCOMPATIBILITY TESTING/ HUMAN/ LEUKOCYTES, immunology/ MALE/ PARITY/ PREGNANCY

6477. **Richou R, Lallouette P:** Lésions provoquées par la staphylotoxine chez le rat. Influence des anti-inflammatoires non stéroïdes.
Rev Immunol (Paris) 35:235-41, Oct-Dec 71 (Fre)
ANIMAL EXPERIMENTS/ *CHYMOTRYPSIN, therapeutic use/ DISEASE MODELS, ANIMAL/ ENGLISH ABSTRACT/ *INFLAMMATION, chemically induced/ INFLAMMATION, drug therapy/ *PHENYLBUTAZONE, therapeutic use/ RATS/ *STAPHYLOCOCCUS/ *TOXINS/ WOUND HEALING, drug effects

6478. **Richter H:** Lokalbehandlung von Duodenal- und Pankreasfisteln mit Proteaseninhibitoren.
Zentralbl Chir 97:1820-3, 16 Dec 72 (Ger)
AMYLASE, analysis/ DRAINAGE/ DUODENAL DISEASES, diagnosis/ *DUODENAL DISEASES, drug therapy/ DUODENAL DISEASES, etiology/ HUMAN/ INTESTINAL FISTULA, diagnosis/ *INTESTINAL FISTULA, drug therapy/ INTESTINAL FISTULA, etiology/ INTESTINAL SECRETIONS, analysis/ KALLIKREIN-TRYPSIN INACTIVATOR, administration & dosage/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ METHODS/ MIDDLE AGE/ PANCREATIC FISTULA, diagnosis/ *PANCREATIC FISTULA, drug therapy/ PANCREATIC FISTULA, etiology/ POSTOPERATIVE COMPLICATIONS/ SALTS, administration & dosage/ SALTS, therapeutic use/ TRYPSIN INHIBITORS, administration & dosage/ *TRYPSIN INHIBITORS, therapeutic use

6479. **Richter KH, Hoffmann F, Schwenen M:** Pocken: Impfung und Indubationsimpfung.
Fortschr Med 90:902-6, 14 Sep 72 (Ger)
ADOLESCENCE/ ADULT/ CHILD, PRESCHOOL/ DISEASE OUTBREAKS, occurrence/ FEMALE/ GERMANY, WEST/ HUMAN/ MALE/ MIDDLE AGE/ PURPURA, etiology/ SHWARTZMAN PHENOMENON, etiology/ SMALLPOX, drug therapy/ SMALLPOX, immunology/ SMALLPOX, occurrence/ *SMALLPOX, prevention & control/ SMALLPOX VACCINE, adverse effects/ SMALLPOX VACCINE, therapeutic use/ TIME FACTORS/ VACCINATION, adverse effects/ VACCINE THERAPY

6480. **Richter S, Stratigos GT:** Management of a hemophilic with a dental abscess and subsequent root canal therapy and apicoectomy.
NY State Dent J 39:11-4, Jan 73
*APICOECTOMY/ CASE REPORT/ CHILD/ *HEMOPHILIA/ HUMAN/ MALE/ *PERIAPICAL ABSCESS, surgery/ ROOT CANAL THERAPY

6481. **Rickles FR, Hardin JA, Pitlick FA, et al:** Tissue factor activity in lymphocyte cultures from normal individuals and patients with hemophilia A.
J Clin Invest 52:1427-34, Jun 73
*ANTIGENS, analysis/ BLOOD COAGULATION FACTORS, analysis/ CELLS, CULTURED/ CENTRIFUGATION, DENSITY GRADIENT/ CROSS REACTIONS/ FACTOR VIII, analysis/ *HEMOPHILIA, immunology/ HUMAN/ IODINE ISOTOPES/ LEUKOCYTES, drug effects/ LEUKOCYTES, immunology/ LYMPHOCYTES, drug effects/ *LYMPHOCYTES, immunology/ METHODS/ MICROPORE FILTERS/ MYCOBACTERIUM TUBERCULOSIS/ PLACENTA, immunology/ PLANT AGGLUTININS, pharmacodynamics/ PROTEINS, pharmacodynamics/ RABBITS, immunology/ RADIOIMMUNOASSAY/ TIME FACTORS/ TRITIUM

6482. **Rickli EE, Otavsky WI:** Release of an N-terminal peptide from human plasminogen during activation with urokinase.
Biochim Biophys Acta 295:381-4, 25 Jan 73
AMINO ACIDS, analysis/ CHROMATOGRAPHY, AFFINITY/ DANSYL COMPOUNDS/ ELECTROPHORESIS, DISK/ ENZYME ACTIVATION/ *FIBRINOLYTIC AGENTS/ GLUTAMATES, analysis/ HUMAN/ MOLECULAR WEIGHT/ PEPTIDES/ *PLASMINOGEN/ PLASMINOGEN, analysis/

SODIUM DODECYL SULFATE/ VALINE, analysis

6483. **Rieche K, Wand H:** Die Auswirkungen einer Belastung mit Azetylsalizylsäure auf Blutungszeit und Thrombozytenfunktionen bei Tumorpatienten.
Dtsch Gesundheitsw 27:2467-70, 28 Dec 72 (Ger)
ADULT/ ASPIRIN, metabolism/ *ASPIRIN, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS, drug effects/ DRUG TOLERANCE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *NEOPLASMS, blood/ NEOPLASMS, metabolism

6484. **Rieche K, Ziegenbein R, Berndt H, et al:** Laborchemische Untersuchungen im Portalblut.
Z Exp Chir 4:190-2, 1971 (Ger)
AGGLUTINATION TESTS/ BILIRUBIN, blood/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD PROTEINS, metabolism/ CATHETERIZATION/ CHOLESTEROL, blood/ ENGLISH ABSTRACT/ HEMOSTASIS/ HUMAN/ LIPOPROTEINS, blood/ NEOPLASMS, blood/ *PORTAL VEIN, metabolism/ TRIGLYCERIDES, blood/ UMBILICAL VEINS, metabolism

6485. **Riecker G:** Aktuelle Probleme der Pathogenese und Therapie verschiedener Schockformen in der inneren Medizin.
Verh Dtsch Ges Inn Med 77:1218-21, 1971 (20 ref.) (Ger)
ASSISTED CIRCULATION/ DISSEMINATED INTRAVASCULAR COAGULATION/ GERMANY, WEST/ HEMODYNAMICS/ HUMAN/ INTENSIVE CARE UNITS/ REVIEW/ *SHOCK, CARDIOGENIC/ SHOCK, CARDIOGENIC, etiology/ SHOCK, CARDIOGENIC, mortality/ SHOCK, CARDIOGENIC, physiopathology/ SHOCK, CARDIOGENIC, therapy/ *SHOCK, ENDOTOXIC/ SHOCK, ENDOTOXIC, etiology/ SHOCK, ENDOTOXIC, mortality/ SHOCK, ENDOTOXIC, physiopathology/ SHOCK, ENDOTOXIC, therapy

6486. **Riecker G, Habermann E, Effert S, et al:** Aktuelle Probleme der Pathogenese und Therapie verschiedener Schockformen in der inneren Medizin (Symposion.
Verh Dtsch Ges Inn Med 77:1249-51, 1971 (Ger)
ANAPHYLAXIS, etiology/ *ANAPHYLAXIS, therapy/ ASSISTED CIRCULATION/ DIGITALIS GLYCOSIDES, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION/ HEMODYNAMICS/ HUMAN/ PLASMA SUBSTITUTES, therapeutic use/ SHOCK, CARDIOGENIC, etiology/ *SHOCK, CARDIOGENIC, therapy

6487. **Riedl P, Kärcher KH, Gschnait F, et al:** Zur Strahlentherapie des Kasabach-Merritt-Syndroms.
Fortschr Geb Roentgenstr Nuklearmed 119:119-22, Jul 73 (Ger)
ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, radiotherapy/ HUMAN/ INFANT/ OVARY, radiation effects/ *PURPURA, THROMBOPENIC, radiography/ RADIOTHERAPY DOSAGE/ RADIOTHERAPY, HIGH ENERGY/ *SKIN NEOPLASMS, radiotherapy/ SPINE, radiation effects/ SYNDROME

6488. **Riedler GF:** Diagnostische Kriterien zur Frühdiagnose der Sepsis.
Dtsch Med Wochenschr 98:1370-1, Jul 73 (Ger)
BLOOD CELL COUNT/ HUMAN/ LEUKOCYTES/ LEUKOCYTOSIS/ LEUKOPENIA/ PHOSPHATES, blood/ *SEPTICEMIA, blood/ SEPTICEMIA, diagnosis/ THROMBOPENIA/ TIME FACTORS

6489. **Rieger F, Benda P, Bauman A, et al:** Immunological studies on globular and elongated forms of electric eel acetylcholinesterase. Effects of hydrolytic enzymes.
FEBS Lett 32:62-8, 15 May 73
*ACETYLCHOLINESTERASE/ ACETYLCHOLINESTERASE, analysis/ ANIMAL EXPERIMENTS/ CENTRIFUGATION, DENSITY GRADIENT/ COMPLEMENT FIXATION TESTS/ EELS/ *ELECTRIC ORGAN, enzymology/ GEL DIFFUSION TESTS/ *HYALURONIDASE/ IMMUNE SERUMS/ IODINE ISOTOPES/ ISOENZYMES/ KINETICS/ *NEURAMINIDASE/ PEPTIDES, analysis/ *PHOSPHOLIPASE/ PRECIPITIN TESTS/ PROTEIN CONFORMATION/ RABBITS, immunology/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TIME FACTORS/ TRYPSIN

6490. **Rieger F, Bon S, Massoulié J:** Observation par microscopie électronique des formes allongées et globulaires de l'acétylcholinestérase de gymnote (Electrophorus electricus.
Eur J Biochem 34:539-47, 2 May 73 (Fre)
*ACETYLCHOLINESTERASE, analysis/ ACETYLCHOLINESTERASE, isolation & purification/ *ELECTRIC ORGAN, enzymology/ ENGLISH ABSTRACT/ FISHES/ MACROMOLECULAR SYSTEMS/ MICROSCOPY, ELECTRON/ MODELS, BIOLOGICAL/ MOLECULAR WEIGHT/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ TRYPSIN/ ULTRASONICS

6491. **Rieger F, Tsuji S, Massoulié J:** Formes natives et globulaires de l'acétylcholinestérase dans la moëlle épinière et le cerveau de gymnote, Electrophorus electricus.
Eur J Biochem 30:73-80, 17 Oct 72 (Fre)
ACETYLCHOLINE/ *ACETYLCHOLINESTERASE, analysis/ ANIMAL EXPERIMENTS/ *BRAIN, enzymology/ CELL FRACTIONATION/ CYTOPLASM, enzymology/ *EELS/ ELECTRIC ORGAN, enzymology/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENDOPLASMIC RETICULUM, enzymology/ ENGLISH ABSTRACT/ HISTOCYTOCHEMISTRY/ PEPTIDE HYDROLASES/ PROTEIN DENATURATION/ SPINAL CORD, cytology/ *SPINAL CORD, enzymology/ SUBCELLULAR FRACTIONS, enzymology

6492. **Riekkinen PJ, Rinne UK, Arstila AU:** Neurochemical and morphological studies on demyelination in multiple sclerosis with special reference to etiological aspects. Z Neurol 203:91-104, 1972 (23 ref.)
ACID PHOSPHATASE, metabolism/ AUTOPSY/ AXONS/ BIOPSY/ CELL NUCLEUS/ CELLULAR INCLUSIONS/ ESTERASES, metabolism/ GLUCURONIDASE, metabolism/ GLYCOSIDE HYDROLASES, metabolism/ HUMAN/ LIPIDS, metabolism/ LYSOSOMES/ MEMBRANES/ MICROSCOPY, ELECTRON/ MULTIPLE SCLEROSIS, enzymology/ MULTIPLE SCLEROSIS, metabolism/ *MULTIPLE SCLEROSIS, pathology/ MYELIN SHEATH/ NEUROGLIA/ PEPTIDE HYDROLASES, metabolism/ PHAGOCYTOSIS/ PHOSPHATASES, metabolism/ REVIEW

6493. **Riekkinen PJ, Rinne UK, Arstila AU:** Neurochemical and morphological studies on demyelination in multiple sclerosis with special reference to etiological aspects. Z Neurol 203:91-104, 1972 (23 ref.)
ACID PHOSPHATASE, metabolism/ AUTOPSY/ AXONS/ BIOPSY/ CELL NUCLEUS/ CELLULAR INCLUSIONS/ ESTERASES, metabolism/ GLUCURONIDASE, metabolism/ HUMAN/ LIPIDS, metabolism/ LYSOSOMES/ MEMBRANES/ MICROSCOPY, ELECTRON/ MULTIPLE SCLEROSIS, enzymology/ MULTIPLE SCLEROSIS, metabolism/ *MULTIPLE SCLEROSIS, pathology/ MYELIN SHEATH/ NEUROGLIA/ PEPTIDE HYDROLASES, metabolism/ PHAGOCYTOSIS/ PHOSPHATASES, metabolism/ REVIEW

6494. **Rigberg S, Kahn SB:** Therapy of leukemia and lymphoma. Semin Drug Treat 3:73-85, Summer 73
BLOOD CELL COUNT/ BLOOD PLATELETS/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HODGKIN'S DISEASE, diagnosis/ HODGKIN'S DISEASE, drug therapy/ HODGKIN'S DISEASE, radiotherapy/ HODGKIN'S DISEASE, therapy/ HUMAN/ INFECTION, etiology/ LEUKEMIA,

complications/ *LEUKEMIA, drug therapy/ LEUKEMIA, SUBLEUKEMIC, drug therapy/ LEUKEMIA, SUBLEUKEMIC, radiotherapy/ LYMPHOMA, complications/ *LYMPHOMA, drug therapy/ LYMPHOMA, radiotherapy/ THROMBOPENIA, drug therapy/ UREMIA, etiology

6495. **Rigondet G, Carton de Wiart M:** Les hémorragies primitives et secondaires après intervention prostatique rétro-pubienne.
J Urol Nephrol (Paris) 78:496-500, Jun 72 (Fre)
AGED/ BLOOD TRANSFUSION/ *HEMORRHAGE, etiology/ HEMORRHAGE, prevention & control/ HEMOSTASIS/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ *PROSTATECTOMY/ *PROSTATIC HYPERTROPHY, surgery

6496. **Riker JB, Wolinsky H:** Trypsin aerosol treatment of pulmonary alveolar proteinosis. Case report.
Am Rev Respir Dis 108:108-13, Jul 73
ADOLESCENCE/ AEROSOLS/ FEMALE/ HUMAN/ PERIODIC ACIDS, diagnostic use/ PROGNOSIS/ *PULMONARY ALVEOLAR PROTEINOSIS, drug therapy/ PULMONARY ALVEOLAR PROTEINOSIS, physiopathology/ PULMONARY ALVEOLAR PROTEINOSIS, radiography/ RESPIRATORY FUNCTION TESTS/ SCHIFF BASES, diagnostic use/ *TRYPSIN, administration & dosage/ TRYPSIN, therapeutic use

6497. **Riley RF, Zontine W:** Further observations on the properties of dog C-reactive protein and the C-reactive protein response in the dog.
J Lab Clin Med 80:698-703, Nov 72
ANIMAL EXPERIMENTS/ BLOOD PRESERVATION/ *C-REACTIVE PROTEIN, analysis/ DOG DISEASES, blood/ DOG DISEASES, immunology/ *DOGS, immunology/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS/ WOUNDS AND INJURIES, blood/ WOUNDS AND INJURIES, immunology/ WOUNDS AND INJURIES, veterinary

6498. **Rinaldi I, Harris WO Jr, Kopp JE:** Intracerebral and subdural hematomas complicating anticoagulant therapy. Va Med Mon 100:632-9, Jul 73
AGED/ *ANTICOAGULANTS, adverse effects/ *CEREBRAL HEMORRHAGE, chemically induced/ CEREBRAL HEMORRHAGE, diagnosis/ CEREBRAL HEMORRHAGE, surgery/ FEMALE/ *HEMATOMA, SUBDURAL, chemically induced/ HUMAN/ MALE/ MIDDLE AGE

6499. **Rinderknecht H, Geokas MC:** On the physiological role of 2 -macroglobulin.
Biochim Biophys Acta 295:233-44, 25 Jan 73
ANGIOTENSIN/ ARGININE/ BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION TESTS/ BLOOD PROTEINS/ CASEIN/ CHYMOTRYPSINOGEN/ ENZYME ACTIVATION/ ESTERS/ FIBRIN/ FIBRINOGEN/ GEL FILTRATION/ HEMOGLOBIN/ HUMAN/ HYDROLYSIS/ MACROGLOBULINS, isolation & purification/ *MACROGLOBULINS, physiology/ PANCREATITIS, blood/ PROTEIN BINDING/ PROTEIN DENATURATION/ THROMBIN/ *TRYPSIN/ TRYPSIN INHIBITORS/ TRYPSINOGEN/ VASOPRESSIN

6500. **Rinderknecht H, Geokas MC:** Role for a 2 -macroglobulin in haemostatic balance.
Nature [New Biol] 239:116-7, 27 Sep 72
ANTITHROMBIN, metabolism/ *ANTITHROMBIN, physiology/ *BLOOD COAGULATION/ HUMAN/ *MACROGLOBULINS, physiology/ THROMBIN, physiology/ TRYPSIN, metabolism

6501. **Rindler R, Hörtnagl H, Schmaizl F, et al:** Hydrolysis of a chymotrypsin substrate and of naphthol AS-D chloroacetate by human leukocyte granules.
Blut 26:239-49, Apr 73
ACETIC ACIDS, metabolism/ ANHYDRIDES, metabolism/ CHYMOTRYPSIN, pharmacodynamics/ *CYTOPLASMIC GRANULES, enzymology/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ESTERASES, blood/ ESTERS/ ESTERS, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ *LEUKEMIA, MYELOCYTIC, enzymology/ *LEUKOCYTES, enzymology/ NAPHTHOLS, metabolism/ PANCREATOPEPTIDASE/ TRYPSIN/ TYROSINE, metabolism

6502. **Ring-Larsen H, Clausen E, Ranek L:** Peritoneal dialysis in hyponatremia due to liver failure.
Scand J Gastroenterol 8:33-40, 1973
ADOLESCENCE/ ADULT/ AGED/ ASCITES, etiology/ BICARBONATES, blood/ CHILD/ CREATININE, blood/ FEMALE/ HEPATITIS, complications/ HUMAN/ HYPERTONIC SOLUTIONS, administration & dosage/ HYPONATREMIA, etiology/ HYPONATREMIA, mortality/ *HYPONATREMIA, therapy/ KIDNEY FAILURE, CHRONIC, complications/ LIVER CIRRHOSIS, complications/ MALE/ MIDDLE AGE/ PERITONEAL DIALYSIS/ POTASSIUM, blood/ PROGNOSIS/ PROTHROMBIN TIME/ SODIUM, blood/ SODIUM, urine/ WATER-ELECTROLYTE BALANCE

6503. **Ringenbach G:** Réactions transfusionelles et thiosulfate magnésien.
Nouv Presse Med 1:2110, 16 Sep 72 (Fre)
*BLOOD COAGULATION, drug effects/ *BLOOD GROUP INCOMPATIBILITY, prevention & control/ *BLOOD TRANSFUSION, adverse effects/ HUMAN/ *MAGNESIUM, therapeutic use/ *THIOSULFATES, therapeutic use

6504. **Ringenbach MG:** Diminution des réactions transfusionnelles par le thiosulfate magnésien.
Bord Med 5:2743-6, Dec 72 (Fre)
*BLOOD GROUP INCOMPATIBILITY, prevention & control/ BLOOD PRESERVATION/ ENGLISH ABSTRACT/ HUMAN/ *MAGNESIUM, therapeutic use/ *THIOSULFATES, therapeutic use

6505. **Rioboo García R:** Saliva y coagulaciñ sanguínea.
An Esp Odontoestomatol 32:263-336, Jul-Aug 73 (Spa)
*BLOOD COAGULATION/ HUMAN/ *SALIVA

6506. **Ris PM, Wray JB:** A histological study of fracture healing within the uterus of the rabbit.
Clin Orthop 87:318-21, Sep 72
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *FETUS, injuries/ *FRACTURES/ FRACTURES, complications/ FRACTURES, pathology/ HEMATOMA, etiology/ INFLAMMATION, etiology/ MICROSCOPY, ELECTRON/ PREGNANCY/ PREGNANCY, ANIMAL/ RABBITS/ *WOUND HEALING

6507. **Ristow SS, Wetlaufer DB:** Evidence for nucleation in the folding of reduced hen egg lysozyme.
Biochem Biophys Res Commun 50:544-50, 23 Jan 73
ANIMAL EXPERIMENTS/ AUTOLYSIS/ CHICKENS/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ COPPER/ DITHIOTHREITOL/ HYDROLYSIS/ *MURAMIDASE/ MURAMIDASE, analysis/ OVUM, enzymology/ OXIDATION-REDUCTION/ PEPSIN, analysis/ PROTEIN CONFORMATION/ SULFHYDRYL COMPOUNDS, analysis/ UREA

6508. **Ritchie JW, Carson NA:** Pregnancy and homocystinuria.
J Obstet Gynaecol Br Commonw 80:664-9, Jul 73
ADULT/ AMNION/ BLOOD COAGULATION TESTS/ CELL LINE/ CYSTINE, blood/ FEMALE/ FIBROBLASTS/ FOLIC ACID, blood/ HOMOCYSTINE, blood/ *HOMOCYSTINURIA/ HOMOCYSTINURIA, drug therapy/ HOMOCYSTINURIA, enzymology/ HUMAN/ METHIONINE, blood/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ PYRIDOXINE, administration & dosage/ PYRIDOXINE,

therapeutic use/ SERINE DEHYDRATASE, analysis/ VITAMIN B 12, blood

6509. **Ritchie RF, Alper CA, Graves J, et al:** Automated quantitation of proteins in serum and other biologic fluids. Am J Clin Pathol 59:151-9, Feb 73
ALPHA GLOBULIN, analysis/ ANTIBODY SPECIFICITY/ AUTOANALYSIS, instrumentation/ *BLOOD PROTEINS, analysis/ *CEREBROSPINAL FLUID PROTEINS, analysis/ CERULOPLASMIN, analysis/ GEL DIFFUSION TESTS/ GOATS, immunology/ HAPTOGLOBINS, analysis/ HUMAN/ IGA, cerebrospinal fluid/ IGG, analysis/ IGG, cerebrospinal fluid/ IMMUNE SERUMS/ LIPOPROTEINS, analysis/ METHODS/ SERUM ALBUMIN, analysis/ TRANSFERRIN, analysis/ TRANSFERRIN, cerebrospinal fluid/ TRYPSIN INHIBITORS, blood

6510. **Ritland S, Skrede S, Blomhoff JP, et al:** Coagulation factors as indicators of protein synthesis in chronic liver disease.
Scand J Gastroenterol [Suppl] 19:113-7, 1973
BLOOD CELL COUNT/ *BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CHRONIC DISEASE/ FEMALE/ FIBRINOGEN, analysis/ *HEPATITIS, blood/ HEPATITIS, metabolism/ HUMAN/ INDICATORS AND REAGENTS/ *LIVER CIRRHOSIS, blood/ LIVER CIRRHOSIS, metabolism/ *LIVER CIRRHOSIS, OBSTRUCTIVE, blood/ LIVER CIRRHOSIS, OBSTRUCTIVE, metabolism/ MALE/ METHODS/ *SERUM ALBUMIN, biosynthesis

6511. **Rittenhouse EA, Mohri H, Reichenbach DD, et al:** Heparin-bound aminoethylcellulose as an antithrombogenic surface.
Arch Surg 105:752-5, Nov 72
AMINATION/ *ANTICOAGULANTS/ *CELLULOSE/ ETHYLAMINES/ HEART ATRIUM, surgery/ HEART VALVE PROSTHESIS/ *HEPARIN/ LIGATION/ METHODS/ SILICONE ELASTOMERS/ SURFACE PROPERTIES/ THROMBOSIS/ THROMBOSIS, pathology/ *THROMBOSIS, prevention & control/ TIME FACTORS/ VENA CAVA, INFERIOR

6512. **Rittenhouse EA, Mori H, Reichenbach DD, et al:** Heparin-bound aminoethylcellulose as an antithrombogenic surface.
Arch Surg 104:752-5, Nov 72
AMINATION/ *ANTICOAGULANTS/ *CELLULOSE/ ETHYLAMINES/ HEART ATRIUM, surgery/ HEART VALVE PROSTHESIS/ *HEPARIN/ LIGATION/ METHODS/ SILICONE ELASTOMERS/ SURFACE PROPERTIES/ THROMBOSIS/ THROMBOSIS, pathology/ *THROMBOSIS, prevention & control/ TIME FACTORS/ VENA CAVA, INFERIOR

6513. **Ritter CS, Chapman PJ, Dagley S:** Absolute configuration of a metabolite in the m-fission pathway of protocatechuate. J Bacteriol 113:1064-5, Feb 73
ALDOLASE, isolation & purification/ *ALDOLASE, metabolism/ AMMONIUM SULFATE/ *BENZOATES, metabolism/ CATALYSIS/ CELL-FREE SYSTEM/ CHROMATOGRAPHY, DEAE-CELLULOSE/ COBALT/ FLUOROMETRY/ GLUTARATES, analysis/ GLUTARATES, biosynthesis/ *GLUTARATES, metabolism/ LACTATE DEHYDROGENASE, metabolism/ MALATES, biosynthesis/ MOLECULAR CONFORMATION/ NAD, metabolism/ OPTICAL ROTATION/ PRECIPITATION/ PROTAMINES/ *PSEUDOMONAS, enzymology/ PSEUDOMONAS, metabolism/ PYRUVATES, biosynthesis/ STEREOISOMERS

6514. **Ritter FN, Fink JA:** Electrocoagulation for the control of bleeding at adenotonsillectomy: pros and cons. Trans Am Acad Ophthalmol Otolaryngol 76:1340-5, Sep-Oct 72
*ADENOIDECTOMY/ ANIMAL EXPERIMENTS/ CHILD/ CHILD, PRESCHOOL/ COMPARATIVE STUDY/ DOGS/ *ELECTROCOAGULATION/ *HEMORRHAGE, prevention & control/ HEMOSTASIS/ HUMAN/ LIGATION/ METHODS/ MORBIDITY/ PAIN/ TIME FACTORS/ *TONSILLECTOMY/ WOUND HEALING

6515. **Ritzl F:** Die Substitution von tritiummarkiertem Vitamin K3 unter Marcumar-Behandlung.
Nucl Med (Stuttg) 9:401-4, 1971 (Ger)
BIOLOGICAL TRANSPORT, drug effects/ *BISHYDROXYCOUMARIN, pharmacodynamics/ BISHYDROXYCOUMARIN, therapeutic use/ HUMAN/ INTESTINAL ABSORPTION, drug effects/ ISOTOPE LABELING/ PROTHROMBIN TIME/ *TRITIUM/ VITAMIN K, blood/ *VITAMIN K, metabolism

6516. **Rivera-Calimlim L, Bosmann HB, Penney DP, et al:** Morphologic and biochemical changes in the gut after chronic treatment with L-dopa.
J Pharmacol Exp Ther 184:440-8, Feb 73
ACID PHOSPHATASE, analysis/ CARBON ISOTOPES/ CATHEPSIN, analysis/ *DOPA, pharmacodynamics/ GLUCOSIDASE, analysis/ GLUCURONIDASE, analysis/ INTESTINAL ABSORPTION, drug effects/ INTESTINAL MUCOSA, cytology/ INTESTINES, anatomy & histology/ INTESTINES, cytology/ *INTESTINES, drug effects/ LYSOSOMES, enzymology/ MALE/ MICROSCOPY, ELECTRON/ RATS/ TIME FACTORS/ TRITIUM/ TRYPSIN, analysis/ XYLOSE, blood/ XYLOSE, metabolism/ XYLOSE, urine

6517. **Rizza CR, Biggs R:** The treatment of patients who have factor-VIII antibodies. Br J Haematol 24:65-82, Jan 73
*ANTIBODIES/ ANTIBODY FORMATION/ *FACTOR VIII/ FACTOR VIII, therapeutic use/ HEMOPHILIA, drug therapy/ *HEMOPHILIA, immunology/ HUMAN/ METHODS/ SWINE/ TIME FACTORS

6518. **Rizza CR, Edgcumbe JO, Pitney WR, et al:** The treatment of patients having spontaneously occurring antibodies to antihaemophilic factor (factor VIII).
Thromb Diath Haemorrh 28:120-8, 31 Aug 72
*AUTOANTIBODIES/ AZATHIOPRINE, therapeutic use/ BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION DISORDERS, drug therapy/ *BLOOD COAGULATION DISORDERS, therapy/ BLOOD COAGULATION TESTS/ CRYOGLOBULINS, therapeutic use/ CYCLOPHOSPHAMIDE, therapeutic use/ *FACTOR VIII, antagonists & inhibitors/ FACTOR VIII, therapeutic use/ FEMALE/ HEMORRHAGE, drug therapy/ HUMAN/ IGG/ MALE/ MIDDLE AGE/ PREDNISOLONE, therapeutic use/ PROTHROMBIN TIME

6519. **Rizzetto M, Doniach D:** Human antibodies to mast cells.
Clin Exp Immunol 14:327-34, Jul 73
ADULT/ AGED/ ANTIBODY SPECIFICITY/ *AUTOANTIBODIES/ AUTOANTIGENS/ BASOPHILS, immunology/ CARDIOSPASM, immunology/ CYTOPLASMIC GRANULES, immunology/ ESOPHAGUS, cytology/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ GEL DIFFUSION TESTS/ GUINEA PIGS, immunology/ HEMIPLEGIA, immunology/ HEPARIN/ HISTAMINE LIBERATION/ HUMAN/ IGG/ LIVER DISEASES, complications/ MALE/ *MAST CELLS, immunology/ MIDDLE AGE/ MYOCARDIAL INFARCT, immunology/ NERVOUS SYSTEM DISEASES, complications/ PERITONEUM, cytology/ PEROXIDASES/ RATS, immunology

6520. **Rö JS:** Hemostatic problems in liver surgery.
Scand J Gastroenterol [Suppl] 19:71-81, 1973 (67 ref.)
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION FACTORS/ DISSEMINATED INTRAVASCULAR COAGULATION/ DOGS/ FACTOR V/ FACTOR VII/ FACTOR VIII/ FACTOR IX/ FACTOR X/ FACTOR XI/ FACTOR XII/ FACTOR XIII/ FIBRINOGEN/ FIBRINOLYSIS/ HEMOSTASIS/ HUMAN/

LIVER, surgery/ LIVER, transplantation/ LIVER CIRRHOSIS, surgery/ *LIVER DISEASES, surgery/ POSTOPERATIVE COMPLICATIONS/ PROTHROMBIN/ REVIEW/ *SURGERY, OPERATIVE, adverse effects/ VITAMIN K DEFICIENCY

6521. **Ro JS, Kluge T, Flatmark A:** Low thrombotest values in active thrombosis.
Scand J Thorac Cardiovasc Surg 6:269-73, 1972
ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ *BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ EDEMA/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ LEG, blood supply/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, drug therapy/ WARFARIN, therapeutic use

6522. **Robb HJ, Margulis RR, Jabs CM:** Role of pulmonary microembolism in the hemodynamics of endotoxin shock. Surg Gynecol Obstet 135:777-83, Nov 72
ANIMAL EXPERIMENTS/ BLOOD PLATELETS/ CENTRAL VENOUS PRESSURE/ ELECTROCARDIOGRAPHY/ ESCHERICHIA COLI/ *HEMODYNAMICS/ MICROCIRCULATION/ PLATELET ADHESIVENESS/ PULMONARY CIRCULATION/ *PULMONARY EMBOLISM, physiopathology/ RABBITS/ *SHOCK, ENDOTOXIC, physiopathology/ VASCULAR RESISTANCE

6523. **Robbins E, Fant J, Norton W:** Intracellular iron-binding macromolecules in HeLa cells.
Proc Natl Acad Sci USA 69:3708-12, Dec 72
*BINDING SITES/ CARBON ISOTOPES/ CELL FRACTIONATION/ CELL NUCLEOLUS, metabolism/ CELL NUCLEUS, metabolism/ CENTRIFUGATION, DENSITY GRADIENT/ CYTOPLASM, metabolism/ DEFEROXAMINE, pharmacodynamics/ DNA, biosynthesis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HELA CELLS, cytology/ HELA CELLS, drug effects/ *HELA CELLS, metabolism/ HUMAN/ *IRON, metabolism/ IRON ISOTOPES/ LYSINE, metabolism/ MACROMOLECULAR SYSTEMS/ NEOPLASM PROTEINS, metabolism/ POLYRIBOSOMES, metabolism/ POLYSACCHARIDES, metabolism/ PROTEIN BINDING/ TRYPSIN, metabolism

6524. **Robbins KC, Bernabe P, Arzadon L, et al:** The primary structure of human plasminogen. II. The histidine loop of human plasmin: light (B) chain active center histidine sequence. J Biol Chem 248:1631-3, 10 Mar 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BINDING SITES/ CYANOGEN BROMIDE/ GEL FILTRATION/ HUMAN/ PEPTIDES, analysis/ *PLASMINOGEN, biosynthesis/ PROTEIN CONFORMATION/ THIOCYANATES/ TOSYL COMPOUNDS/ TRITIUM

6525. **Robbins KC, Bernabe P, Arzadon L, et al:** The primary structure of human plasminogen. I. The NH 2 -terminal sequences of human plasminogen and the S-carboxymethyl heavy (A) and light (B) chain derivatives of plasmin.
J Biol Chem 247:6757-62, 10 Nov 72
ALKYLATION/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ DIALYSIS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRINOLYSIN, analysis/ HUMAN/ ISOELECTRIC FOCUSING/ *PLASMINOGEN, analysis/ PLASMINOGEN, isolation & purification/ SODIUM DODECYL SULFATE/ THIOCYANATES/ UREA

6526. **Robbins KC, Summaria L:** Isoelectric focusing of human plasminogen, plasmin, and derived heavy (A) and light (B) chains.
Ann NY Acad Sci 209:397-404, 15 Jun 73
AMINO ACID SEQUENCE/ AMINOCAPROIC ACID/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRINOLYSIN, analysis/ GEL FILTRATION/ HUMAN/ ISOELECTRIC FOCUSING/ MOLECULAR WEIGHT/ *PEPTIDES, analysis/ *PLASMINOGEN, analysis

6527. **Robblee LS, Shepro D, Belamarich FA:** Calcium uptake and associated adenosine triphosphatase activity of isolated platelet membranes.
J Gen Physiol 61:462-81, Apr 73
ADENOSINE DIPHOSPHATE, pharmacodynamics/ *ADENOSINE TRIPHOSPHATASE, metabolism/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ AZIDES, pharmacodynamics/ BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, metabolism/ *CALCIUM, metabolism/ CARBAMATES, pharmacodynamics/ CATTLE/ CELL FRACTIONATION/ CHELATING AGENTS, pharmacodynamics/ DIURETICS, MERCURIAL, pharmacodynamics/ HISTOCYTOCHEMISTRY/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ LEAD/ MAGNESIUM, pharmacodynamics/ MEMBRANES, enzymology/ *MEMBRANES, metabolism/ MICROSCOPY, ELECTRON/ OUABAIN, pharmacodynamics/ OXALATES, pharmacodynamics/ PHOSPHATES, metabolism/ TEMPERATURE/ TIME FACTORS

6528. **Robblee LS, Shepro D, Belamarich FA:** The effect of thrombin and trypsin on calcium uptake by calf platelet membranes. Microvasc Res 6:99-107, Jul 73
ADENOSINE TRIPHOSPHATE, pharmacodynamics/ BLOOD PLATELETS, cytology/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ *CALCIUM ISOTOPES, metabolism/ CATTLE/ *CELL MEMBRANE, metabolism/ MICROSCOPY, ELECTRON/ *THROMBIN, metabolism/ THROMBIN, pharmacodynamics/ *TRYPSIN, metabolism/ TRYPSIN, pharmacodynamics

6529. **Robboy SJ, Mihm MC, Colman RW, et al:** The skin in disseminated intravascular coagulation. Prospective analysis of thirty-six cases.
Br J Dermatol 88:221-9, Mar 73
ADOLESCENCE/ ADULT/ AGED/ BLISTER, etiology/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PRESSURE/ CHILD/ CYANOSIS, etiology/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ FEMALE/ FEVER/ FIBRINOGEN/ HEMATOCRIT/ HEMATOMA, etiology/ HEMORRHAGE, etiology/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ NEISSERIA MENINGITIDIS/ PNEUMONIA, STAPHYLOCOCCAL, complications/ PROSPECTIVE STUDIES/ PULSE/ PURPURA, etiology/ *SKIN MANIFESTATIONS/ STAPHYLOCOCCUS

6530. **Robboy SJ, Minna JD, Colman RW, et al:** Pulmonary hemorrhage syndrome as a manifestation of disseminated intravascular coagulation: analysis of ten cases. Chest 63:718-21, May 73
ADENOCARCINOMA, complications/ ADULT/ AGED/ ANIMAL EXPERIMENTS/ DISEASE MODELS, ANIMAL/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ FEMALE/ *HEMORRHAGE, diagnosis/ HEMORRHAGE, etiology/ HEPARIN, therapeutic use/ HUMAN/ LEUKEMIA, MYELOCYTIC, complications/ *LUNG DISEASES, diagnosis/ LUNG DISEASES, etiology/ MACACA/ MALE/ MIDDLE AGE/ MONKEYS/ PROSTATIC NEOPLASMS, complications/ RESPIRATORY INSUFFICIENCY, etiology/ SYNDROME

6531. **Roberts EM, Grisar JM, MacKenzie RD, et al:** Naphthylalkyl lactamimides as inhibitors of blood platelet aggregation. J Med Chem 15:1270-3, Dec 72

ADENOSINE DIPHOSPHATE, pharmacodynamics/ *AMIDES, chem synthesis/ AZEPINES, chem synthesis/ AZEPINES, pharmacodynamics/ COLLAGEN, pharmacodynamics/ DEPRESSION, CHEMICAL/ HUMAN/ *IMIDES, chem synthesis/ IMIDES, pharmacodynamics/ LACTAMS, chem synthesis/ LACTAMS, pharmacodynamics/ NAPHTHALENES, chem synthesis/ NAPHTHALENES, pharmacodynamics/ OPTICAL ROTATION/ *PLATELET ADHESIVENESS, drug effects/ STEREOISOMERS/ STRUCTURE-ACTIVITY RELATIONSHIP/ THROMBOPLASTIN, analysis

6532. **Roberts JC:** Another unusual accident. Med J Aust 2:282, 29 Jul 72
ACCIDENTS/ ADULT/ *COITUS/ FEMALE/ HEMATOMA, etiology/ HUMAN/ MALE/ *PENIS, injuries/ PRIAPISM, etiology

6533. **Roberts NB, Taylor WH:** The inhibition by carbenoxolone sodium of individual human pepsinogens and pepsins. Clin Sci 44:6P-7P passim, Feb 73
CHYMOTRYPSIN, antagonists & inhibitors/ *GLYCYRRHIZA/ HUMAN/ *PEPSIN, antagonists & inhibitors/ *PEPSINOGEN, antagonists & inhibitors/ PEPTIC ULCER, etiology/ *TERPENES, pharmacodynamics

6534. **Roberts PS, Fleming PB:** The effects of salts and of ionic strength on the hydrolysis of TAME (p-toluenesulfonyl-L-arginine methyl ester) by thrombin and thrombokinase. Thromb Diath Haemorrh 27:573-83, 31 Jul 72
ARGININE, metabolism/ BARIUM, pharmacodynamics/ BERYLLIUM, pharmacodynamics/ CALCIUM CHLORIDE, pharmacodynamics/ CATTLE/ CESIUM, pharmacodynamics/ *CHLORIDES, pharmacodynamics/ CHOLINE, pharmacodynamics/ HUMAN/ HYDROCHLORIC ACID, pharmacodynamics/ HYDROLYSIS/ LITHIUM, pharmacodynamics/ MAGNESIUM, pharmacodynamics/ *OSMOLAR CONCENTRATION/ POTASSIUM CHLORIDE, pharmacodynamics/ SODIUM CHLORIDE, pharmacodynamics/ STRONTIUM, pharmacodynamics/ *THROMBIN, metabolism/ *THROMBOPLASTIN, metabolism/ *TOSYL COMPOUNDS, metabolism/ TRYPSIN, metabolism

6535. **Roberts RC, Soonnentag CO, Frisbie JH:** Rapid preparation of autologous radioiodinated fibrinogen. J Nucl Med 13:843-6, Nov 72
AUTORADIOGRAPHY/ ELECTROPHORESIS, DISK/ *FIBRINOGEN/ FIBRINOGEN, isolation & purification/ HALF-LIFE/ HUMAN/ IODINE ISOTOPES/ *ISOTOPE LABELING/ METHODS/ PLASMA, analysis

6536. **Roberts RM, Walker A, Cetorelli JJ:** Fucose-containing glycopeptides from the cell surface of Chinese hamster ovary cells grown in the presence or absence of cyclic AMP. Nature [New Biol] 244:86-9, 18 Jul 73
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ BUTYRATES, pharmacodynamics/ CARBON ISOTOPES/ CELL LINE/ CELL MEMBRANE, analysis/ *CELL MEMBRANE, drug effects/ CHROMATOGRAPHY, DEAE-CELLULOSE/ FEMALE/ *FUCOSE, analysis/ GEL FILTRATION/ *GLYCOPEPTIDES, analysis/ GLYCOPEPTIDES, isolation & purification/ HAMSTERS/ NEURAMINIDASE, pharmacodynamics/ OVARY/ PRONASE/ TRITIUM/ TRYPSIN

6537. **Roberts WW, Lorand L, Mockros LF:** Viscoelastic properties of fibrin clots. Biorheology 10:29-42, Mar 73
BIOMECHANICS/ *BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ ELASTICITY/ FACTOR XIII, pharmacodynamics/ *FIBRIN, physiology/ HUMAN/ PHYSICAL STIMULATION/ RHEOLOGY/ TIME FACTORS/ TRANSFERASES, pharmacodynamics/ VISCOSITY

6538. **Roberts-Thomson ME:** The hazards of umbilical cord haematoma. Med J Aust 1:648-50, 31 Mar 73
ANOXIA, etiology/ BRAIN DAMAGE, CHRONIC, etiology/ FEMALE/ FETAL DEATH, etiology/ FETAL DISEASES, etiology/ HEMATOMA, complications/ *HEMATOMA, congenital/ HEMATOMA, etiology/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ *UMBILICAL CORD

6539. **Robertson AL Jr, Khairallah PA:** Arterial endothelial permeability and vascular disease. The "trap door" effect. Exp Mol Pathol 18:241-60, Apr 73
ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ AORTA, THORACIC, pathology/ AORTA, THORACIC, physiopathology/ *ARTERIES, physiopathology/ ARTERIOSCLEROSIS, etiology/ BLOOD PLATELETS/ BRADYKININ, pharmacodynamics/ *CAPILLARY PERMEABILITY/ CAPILLARY PERMEABILITY, drug effects/ ENDOTHELIUM/ FEMALE/ INTERCELLULAR JUNCTIONS/ LIPOPROTEINS, metabolism/ MACROMOLECULAR SYSTEMS/ MICROSCOPY, ELECTRON/ NOREPINEPHRINE, pharmacodynamics/ RATS/ SEROTONIN, pharmacodynamics/ THROMBOSIS, etiology/ *VASCULAR DISEASES, etiology/ VASCULAR DISEASES, physiopathology

6540. **Robertson BC, Hoffee PA:** Purification and properties of purine nucleoside phosphorylase from Salmonella typhimurium. J Biol Chem 248:2040-3, 25 Mar 73
ADENOSINE/ AMMONIUM SULFATE/ CALCIUM PHOSPHATES/ CATIONS, DIVALENT/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DEOXYADENOSINE/ DEOXYRIBONUCLEOSIDES/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ GUANOSINE/ HYDROGEN-ION CONCENTRATION/ INOSINE/ KINETICS/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ *PENTOSYLTRANSFERASES, isolation & purification/ PHOSPHATES/ PROTAMINES/ RIBONUCLEOSIDES/ *SALMONELLA TYPHIMURIUM, enzymology/ SODIUM DODECYL SULFATE/ STRUCTURE-ACTIVITY RELATIONSHIP/ SULFURIC ACIDS/ ULTRACENTRIFUGATION

6541. **Robertson DM:** Macroaneurysms of the retinal arteries. Trans Am Acad Ophthalmol Otolaryngol 77:op55-67, Jan-Feb 73
ADULT/ *ANEURYSM/ ANGIOMATOSIS, diagnosis/ EYE NEOPLASMS, diagnosis/ FLUORESCENCE ANGIOGRAPHY/ FUNDUS OCULI/ HUMAN/ MALE/ MIDDLE AGE/ OPTIC ATROPHY, familial & genetic/ *RETINAL ARTERY/ RETINAL DEGENERATION, diagnosis/ RETINAL DISEASES, diagnosis/ RETINAL HEMORRHAGE, diagnosis/ RETINITIS, diagnosis/ SCOTOMA, diagnosis/ TELANGIECTASIS, diagnosis

6542. **Robertson GL, Mahr EA, Athar S, et al:** Development and clinical application of a new method for the radioimmunoassay of arginine vasopressin in human plasma. J Clin Invest 52:2340-52, Sep 73
ACETONE/ ANTIBODIES/ ANTIGEN-ANTIBODY REACTIONS/ ARGININE, blood/ BLOOD PRESERVATION/ BLOOD PRESSURE, drug effects/ CHROMATOGRAPHY, ION EXCHANGE/ CROSS REACTIONS/ DIABETES INSIPIDUS, blood/ DIURESIS/ GEL FILTRATION/ HUMAN/ IODINE ISOTOPES/ LYSINE/ METHODS/ OSMOLAR CONCENTRATION/ OXYTOCIN/ PITUITARY HORMONES, POSTERIOR, pharmacodynamics/ *RADIOIMMUNOASSAY/ TRIMETHOPRIM, pharmacodynamics/ URINE, analysis/ *VASOPRESSIN, blood/ VASOTOCIN

6543. **Robertson JC:** A case of hypopituitarism associated with sickle cell trait. Guys Hosp Rep 121:223-6, 1972
ADULT/ *ANEMIA, SICKLE CELL, complications/ BRONCHITIS, complications/

CORTISONE, therapeutic use/ ESTROGENS, therapeutic use/ FEMALE/ HEMATOMA, etiology/ HUMAN/ HYPOPITUITARISM, drug therapy/ *HYPOPITUITARISM, etiology/ PAIN, drug therapy/ POSTOPERATIVE COMPLICATIONS/ PREGNANCY/ PUERPERIUM/ STERILIZATION, TUBAL/ THYROTROPIN, therapeutic use/ THYROXINE, therapeutic use

6544. **Robertson PB, Miller EJ:** Cartilage collagen: inability to serve as a substrate for collagenases active against skin and bone collagen.
Biochim Biophys Acta 289:247-50, 10 Nov 72
ANIMAL EXPERIMENTS/ BONE AND BONES/ *CARTILAGE/ CARTILAGE, physiology/ CARTILAGE, ARTICULAR/ CATTLE/ CHEMISTRY/ CHICKENS/ *CLOSTRIDIOPEPTIDASE A/ CLOSTRIDIUM, enzymology/ *COLLAGEN/ GINGIVA, enzymology/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ NEUTROPHILS, enzymology/ PEPTIDES/ RABBITS/ SKIN/ TRYPSIN/ VISCOSITY

6545. **Robertson WG, Peacock M, Nordin BE:** Inhibitors of the growth and aggregation of calcium oxalate crystals in vitro. Clin Chim Acta 43:31-7, 10 Jan 73
*CALCIUM/ CHONDROITIN/ CRYSTALLIZATION/ CRYSTALLOGRAPHY/ HEPARIN/ MAGNESIUM/ METHYLENE BLUE/ MOLECULAR CONFORMATION/ *OXALATES/ PHOSPHONIC ACIDS/ PYROPHOSPHATES/ SULFURIC ACIDS/ UREA

6546. **Robertus JD, Kraut J, Alden RA, et al:** Subtilisin; a stereochemical mechanism involving transition-state stabilization. Biochemistry 11:4293-303, 7 Nov 72
ALANINE/ ARGININE/ BENZYL COMPOUNDS/ BINDING SITES/ CATALYSIS/ CHEMISTRY/ DRUG STABILITY/ GLYCINE/ LEUCINE/ MACROMOLECULAR SYSTEMS/ MODELS, CHEMICAL/ MODELS, STRUCTURAL/ *PEPTIDE PEPTIDOHYDROLASES/ *PEPTIDES/ PHENYLALANINE/ STRUCTURE-ACTIVITY RELATIONSHIP/ TYROSINE/ X-RAY DIFFRACTION

6547. **Robillard G, Shulman RG:** High resolution nuclear magnetic resonance study of the histidine--aspartate hydrogen bond in chymotrypsin and chymotrypsinogen. J Mol Biol 71:507-11, 14 Nov 72
ASPARTIC ACID/ BINDING SITES/ *CHYMOTRYPSIN/ *CHYMOTRYPSINOGEN/ HISTIDINE/ HYDROGEN/ HYDROGEN-ION CONCENTRATION/ MOLECULAR BIOLOGY/ NUCLEAR MAGNETIC RESONANCE

6548. **Robinet-Lévy M, Rieunier M:** Techniques d'identification des groupes P1. Premières statistiques languedociennes.
Rev Fr Transfus 15:61-72, Mar 72 (Fre)
BLOOD DONORS/ *BLOOD GROUPS/ ELECTROPHORESIS, STARCH GEL/ ENGLISH ABSTRACT/ FRANCE/ GEL DIFFUSION TESTS/ GENE FREQUENCY/ GENETICS, POPULATION/ HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ METHODS/ PHENOTYPE/ *TRYPSIN INHIBITORS, blood

6549. **Robinson CA Jr, Boshell BR, Reddy WJ:** Insulin binding to plasma membranes.
Biochim Biophys Acta 290:84-91, 1 Dec 72
ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ BRAIN, cytology/ BRAIN, metabolism/ CATIONS, MONOVALENT/ CELL MEMBRANE, drug effects/ *CELL MEMBRANE, metabolism/ EPIDIDYMIS/ ERYTHROCYTES, cytology/ ERYTHROCYTES, metabolism/ GLUCOSE, metabolism/ GUINEA PIGS, immunology/ HUMAN/ *INSULIN, metabolism/ INSULIN, pharmacodynamics/ INSULIN ANTIBODIES/ IODINE ISOTOPES/ MALE/ PEPTIDES, pharmacodynamics/ PHOSPHOLIPASE, pharmacodynamics/ PROTEIN BINDING/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP/ SULFONIC ACIDS, pharmacodynamics/ TRYPSIN, pharmacodynamics

6550. **Robinson DS:** The role of clearing-factor lipase in the removal of triglyceride fatty acids from the plasma.
Biochem J 128:9F, Jun 72
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ *FATTY ACIDS, blood/ HYDROLYSIS/ *LIPOPROTEIN LIPASE, metabolism/ *TRIGLYCERIDES, blood

6551. **Robinson JR, Sagers RD:** Phosphotransacetylase from Clostridium acidiurici. J Bacteriol 112:465-73, Oct 72
*ACETYLTRANSFERASES/ ACETYLTRANSFERASES, isolation & purification/ ACETYLTRANSFERASES, metabolism/ AMMONIUM SULFATE/ ARSENIC, pharmacodynamics/ CELL-FREE SYSTEM/ CHROMATOGRAPHY, DEAE-CELLULOSE/ *CLOSTRIDIUM, enzymology/ COENZYME A, metabolism/ DITHIOTHREITOL, pharmacodynamics/ ELECTRON TRANSPORT/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ IRON, pharmacodynamics/ MANGANESE, pharmacodynamics/ MOLECULAR WEIGHT/ PANTOTHENIC ACID, metabolism/ PEPTOCOCCUS, enzymology/ PHOSPHATES, metabolism/ PHOSPHATES, pharmacodynamics/ PRECIPITATION/ PROTAMINES/ SPECTROPHOTOMETRY/ ULTRAFILTRATION

6552. **Robinson NC, Neurath H, Walsh KA:** The relation of the -amino group of trypsin to enzyme function and zymogen activation. Biochemistry 12:420-6, 30 Jan 73
BENZOATES/ CARBAMATES/ CARBON ISOTOPES/ CATALYSIS/ CHEMISTRY/ CYANATES/ ENZYME ACTIVATION/ GUANIDINES/ ISOFLUROPHATE/ ISOLEUCINE/ KINETICS/ NITROBENZENES/ PHENYLALANINE/ POTASSIUM/ PROTEIN DENATURATION/ STRUCTURE-ACTIVITY RELATIONSHIP/ SUCCINIMIDES/ THIOCARBAMATES/ THIOCYANATES/ *TRYPSIN/ TRYPSIN INHIBITORS/ *TRYPSINOGEN

6553. **Robinson NC, Neurath H, Walsh KA:** Preparation and characterization of guanidinated trypsinogen and -guanidinated trypsin.
Biochemistry 12:414-20, 30 Jan 73
AMINO ACIDS, analysis/ ARGININE/ ASPERGILLUS, enzymology/ BENZOATES/ BINDING SITES/ CATTLE/ CHEMISTRY/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, ION EXCHANGE/ ENZYME ACTIVATION/ ESTERS/ *GUANIDINES/ KINETICS/ PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ PEPTIDES/ *PYRAZOLES/ SPECTROPHOTOMETRY, ULTRAVIOLET/ STRUCTURE-ACTIVITY RELATIONSHIP/ TIME FACTORS/ *TRYPSIN/ TRYPSIN, isolation & purification/ *TRYPSINOGEN/ TRYPSINOGEN, analysis

6554. **Rochat H, Rochat C, Sampieri F, et al:** The amino-acid sequence of neurotoxin II of Androctonus australis Hector. Eur J Biochem 28:381-8, 24 Jul 72
AMINO ACID SEQUENCE/ AUTOANALYSIS/ CARBOXYPEPTIDASES/ CHEMISTRY/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ CYSTINE, analysis/ FLUOROACETATES/ GEL FILTRATION/ HISTIDINE, analysis/ HYDROLYSIS/ METHYLATION/ PEPTIDES/ PERIODIC ACIDS/ *SCORPIONS/ THIOCYANATES/ *TOXINS, analysis/ TRYPSIN

6555. **Roche JK, Stengle JM:** Open-heart surgery and the demand for blood. JAMA 225:1516-21, 17 Sep 73
ADULT/ ANTICOAGULANTS, administration & dosage/ BLOOD BANKS/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ CHILD/ *EXTRACORPOREAL CIRCULATION/ *HEART SURGERY/ HUMAN/

POSTOPERATIVE CARE/ SAPHENOUS VEIN, surgery/ TIME FACTORS/ UNITED STATES

6556. **Roche R: Un cas récent d'extraction d'un fragment platinaire intra-labyrinthique par la technique du caillot.** J Fr Otorhinolaryngol 21:940-1, Dec 72 (Fre)
AGED/ BLOOD COAGULATION/ CASE REPORT/ FEMALE/ *FOREIGN BODIES/ HUMAN/ *LABYRINTH/ METHODS/ *OTOSCLEROSIS, surgery/ *STAPES MOBILIZATION, adverse effects

6557. **Rochemaure J, Durand H, Justin-Besançon L: A propos d'une observation de coeur pulmonaire subaigu embolique.**
Sem Hop Paris 49:209-12, 14 Jan 73 (Fre)
AGED/ BLOOD PRESSURE DETERMINATION/ COUMARINS, therapeutic use/ DYSPNEA, etiology/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ HEART CATHETERIZATION/ HEPARIN, therapeutic use/ HUMAN/ MALE/ *PULMONARY EMBOLISM, complications/ PULMONARY HEART DISEASE, complications/ *PULMONARY HEART DISEASE, diagnosis/ PULMONARY HEART DISEASE, drug therapy/ RADIOISOTOPE SCANNING/ THORACIC RADIOGRAPHY/ *VARICOSE VEINS, complications

6558. **Rochon M, Neemeh JA, Gosselin G, et al: Inhibiteur anti-8 cryptogénique.**
Union Med Can 100:2353-6, Dec 71 (Fre)
AZATHIOPRINE, therapeutic use/ BLOOD CHEMICAL ANALYSIS/ BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, drug therapy/ *BLOOD COAGULATION DISORDERS, etiology/ CHOLECYSTECTOMY/ ECCHYMOSIS, etiology/ ENGLISH ABSTRACT/ *FACTOR VIII, antagonists & inhibitors/ FIBRINOGEN, analysis/ HEMARTHROSIS, etiology/ HEMATOMA, etiology/ HEMORRHAGE, etiology/ *HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ MALE/ MIDDLE AGE/ PLASMAPHERESIS/ POSTOPERATIVE COMPLICATIONS/ PREDNISONE, therapeutic use/ REMISSION

6559. **Rocklin RE: Production of migration inhibitory factor by non-dividing lymphocytes.**
J Immunol 110:674-8, Mar 73
*CELL DIVISION/ *CELL MIGRATION INHIBITION/ CELLS, CULTURED/ *DEOXYURIDINE, pharmacodynamics/ HUMAN/ LIGHT/ *LYMPHOCYTES, immunology/ STREPTODORNASE AND STREPTOKINASE/ THYMIDINE, metabolism/ TRITIUM

6560. **Rocklin RE, Remold HG, David JR: Characterization of human migration inhibitory factor (MIF) from antigen-stimulated lymphocytes.**
Cell Immunol 5:436-45, Nov 72
*BLOOD PROTEINS, isolation & purification/ *CELL MIGRATION INHIBITION/ CELL SEPARATION/ CENTRIFUGATION, DENSITY GRADIENT/ CHYMOTRYPSIN/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ GLYCOPROTEINS, blood/ *GLYCOPROTEINS, isolation & purification/ GUINEA PIGS, immunology/ HUMAN/ LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES, analysis/ LYMPHOCYTES, drug effects/ *LYMPHOCYTES, immunology/ *MACROPHAGES, immunology/ MATHEMATICS/ MOLECULAR WEIGHT/ NEURAMINIDASE/ SPLEEN, cytology/ SPLEEN, immunology/ STREPTODORNASE AND STREPTOKINASE, pharmacodynamics/ TONSIL, cytology/ TONSIL, immunology

6561. **Rodríguez Cuartero A: Inhibidores de las proteasas.**
Rev Esp Enferm Apar Dig 39:331-6, 1 Feb 73 (Spa)
ACUTE DISEASE/ BRONCHIECTASIS, enzymology/ BRONCHITIS, enzymology/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HUMAN/ *LUNG DISEASES, enzymology/ *PANCREATITIS, enzymology/ PANCREATOPEPTIDASE, antagonists & inhibitors/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PULMONARY EMPHYSEMA, enzymology

6562. **Rodriguez-Erdmann F, Carpenter CB, Galvanek EG: Experimental dysfibrinogenemia: in vivo studies with arvin.** Blood 37:664-74, Jun 71
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION DISORDERS, chemically induced/ BLOOD COAGULATION TESTS/ DISEASE MODELS, ANIMAL/ FACTOR V, analysis/ FEMALE/ *FIBRINOGEN, analysis/ IMMUNOELECTROPHORESIS/ MALE/ *PEPTIDE HYDROLASES/ PROTHROMBIN, analysis/ RABBITS/ SNAKES/ THROMBELASTOGRAPHY/ VENOMS

6563. **Roenigk HH Jr, Deodhar S: Pemphigus treatment with azathioprine. Clinical and immunologic correlation.**
Arch Dermatol 107:353-7, Mar 73
ADULT/ AGED/ ANTIBODIES, analysis/ AZATHIOPRINE, administration & dosage/ AZATHIOPRINE, adverse effects/ *AZATHIOPRINE, therapeutic use/ BLOOD PLATELETS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FATIGUE, chemically induced/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ HEMOGLOBINOMETRY/ HUMAN/ LEUKOCYTE COUNT/ LEUKOPENIA, chemically induced/ MALE/ METHYLPREDNISOLONE, therapeutic use/ MIDDLE AGE/ PEMPHIGUS, diagnosis/ *PEMPHIGUS, drug therapy/ PEMPHIGUS, immunology/ PREDNISONE, therapeutic use/ PROSPECTIVE STUDIES

6564. **Roerig DL, Mascaro L Jr, Aust SD: Microsomal electron transport: tetrazolium reduction by rat liver microsomal NADPH-cytochrome c reductase.**
Arch Biochem Biophys 153:475-9, Dec 72
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CYTOCHROME C/ CYTOCHROME REDUCTASES, isolation & purification/ CYTOCHROME REDUCTASES, metabolism/ ELECTRON TRANSPORT/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ LECITHINS, pharmacodynamics/ LIPIDS, pharmacodynamics/ LIPOAMIDE DEHYDROGENASE, isolation & purification/ LIPOAMIDE DEHYDROGENASE, metabolism/ MALE/ *MICROSOMES, LIVER, enzymology/ *OXIDOREDUCTASES, metabolism/ RATS/ SOLUBILITY/ SPECTROPHOTOMETRY/ *TETRAZOLIUM SALTS, metabolism/ TRYPSIN

6565. **Roessner A, Fasske E, Lie TS, et al: Zur Feinstriktur der hyperakuten Abstossung xenogener Lebertransplantae.**
Beitr Pathol 147:119-32, 1972 (Ger)
ANIMAL EXPERIMENTS/ BLOOD PLATELETS/ DOGS/ ENDOPLASMIC RETICULUM/ ENGLISH ABSTRACT/ ERYTHROCYTES/ *GRAFT REJECTION/ LEUKOCYTES/ LIVER, pathology/ *LIVER, transplantation/ LYMPHOCYTES/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, LIVER/ SWINE/ *TRANSPLANTATION, HETEROLOGOUS

6566. **Rogner G: Einfache Bestimmungsmethode für Plasminogen.**
Z Med Labortech 14:40-5, 1973 (Ger)
ADOLESCENCE/ BLOOD COAGULATION DISORDERS, diagnosis/ CATTLE/ CHILD/ ENGLISH ABSTRACT/ FIBRINOGEN/ HUMAN/ METHODS/ *PLASMINOGEN, analysis

6567. **Röhl D, Summers D: Die Behandlung des kardiogenen Schocks nach Herzinfarkt.**
Dtsch Med Wochenschr 98:1537-9, 11 Aug 73 (Ger)
AORTOCORONARY BYPASS/ ASSISTED CIRCULATION/ DIGITALIS GLYCOSIDES, therapeutic use/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ LACTATES, metabolism/ *MYOCARDIAL INFARCT,

complications/ MYOCARDIAL REVASCULARIZATION/ NOREPINEPHRINE, therapeutic use/ ORCIPRENALINE, therapeutic use/ SHOCK, CARDIOGENIC, drug therapy/ SHOCK, CARDIOGENIC, metabolism/ SHOCK, CARDIOGENIC, physiopathology/ SHOCK, CARDIOGENIC, surgery/ *SHOCK, CARDIOGENIC, therapy

6568. **Róka L:** Leistungsfähigkeit und Grenzen von Untersuchungen der Blutgerinnung.
Internist (Berlin) 14:149-53, Apr 73 (Ger)
ANTITHROMBIN, analysis/ *BLOOD COAGULATION DISORDERS, blood/ *BLOOD COAGULATION TESTS, standards/ FIBRINOGEN, analysis/ HEMORRHAGE, blood/ HEPARIN, diagnostic use/ HUMAN/ METHODS/ PHOSPHOLIPIDS, blood/ PROTHROMBIN TIME/ TEMPERATURE/ THROMBELASTOGRAPHY/ THROMBIN, antagonists & inhibitors/ THROMBOPLASTIN, analysis/ TIME FACTORS

6569. **Rokos L, Štěpánek I:** Liečba experimentálnej hyphémy u králika plazmínom Sevac.
Cesk Oftalmol 29:3-10, Jan 73 (Slo)
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ DISEASE MODELS, ANIMAL/ ENGLISH ABSTRACT/ *FIBRINOLYSIN, therapeutic use/ *HYPHEMA, therapy/ INTRAOCULAR PRESSURE/ RABBITS

6570. **Rolley RT, Marchalonis JJ:** Dynamics of receptor and antigen interaction at the lymphocyte.
Transplant Proc 5:71-4, Mar 73
ANIMAL EXPERIMENTS/ ANTIBODY DISSOCIATION/ ANTIGEN-ANTIBODY COMPLEX/ ANTIGEN-ANTIBODY REACTIONS/ *ANTIGENS/ *BINDING SITES, ANTIBODY/ CELL MEMBRANE, immunology/ DINITROCRESOL/ HEMOCYANIN/ HEMOGLOBIN/ IGG/ IMMUNE SERUMS/ IODINE ISOTOPES/ *LYMPHOCYTES, immunology/ MICE/ RABBITS, immunology/ TRYPSIN

6571. **Romaniuk P, Porstmann W, Jenssen S:** Radiologische Diagnostik der ischämischen Herzkrankheit.
Radiol Diagn (Berl) 14:261-76, 1973 (Ger)
ANGIOCARDIOGRAPHY/ ANGIOCARDIOGRAPHY, adverse effects/ *CORONARY DISEASE, diagnosis/ ENGLISH ABSTRACT/ FOLLOW-UP STUDIES/ GERMANY, EAST/ HEPARIN, therapeutic use/ HUMAN/ KINETOCARDIOGRAPHY/ RADIOGRAPHIC MAGNIFICATION/ THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, prevention & control

6572. **Romanowski RD, Rhoads ML, Malakatis GM:** The secretory nature of the excretory gland cells of Stephanurus dentatus. II. Presence of hydrolytic enzymes.
Exp Parasitol 34:40-3, Aug 73
ACETIC ACIDS/ AMINOPEPTIDASES, metabolism/ BENZOATES/ CASEIN/ CYTOPLASMIC GRANULES, enzymology/ ESTERASES, metabolism/ EXOCRINE GLANDS, cytology/ EXOCRINE GLANDS, enzymology/ *HYDROLASES, metabolism/ LEUCINE AMINOPEPTIDASE, metabolism/ NEMATODA, cytology/ *NEMATODA, enzymology/ NITROPHENOLS/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ PROTEINS, analysis/ TYROSINE

6573. **Romero F, Pairent FW, Appert HE, et al:** The twenty-four excretion of trypsin and trypsinogen in the urine.
Ann Surg 176:154-8, Aug 72
ACUTE DISEASE/ ADENOMA, enzymology/ ADENOMA, surgery/ AMYLASE, blood/ AMYLASE, urine/ BILIARY TRACT, surgery/ COLON, surgery/ HUMAN/ PANCREATITIS, enzymology/ PANCREATITIS, surgery/ PARATHYROID NEOPLASMS, enzymology/ PARATHYROID NEOPLASMS, surgery/ RECTUM, surgery/ STOMACH, surgery/ THYROIDECTOMY/ TRYPSIN, blood/ *TRYPSIN, urine/ TRYPSINOGEN, blood/ *TRYPSINOGEN, urine

6574. **Romero F, Pairent FW, Appert HE, et al:** Urinary excretion and metabolism of trypsin and trypsinogen: experimental study.
Ann Surg 176:149-53, Aug 72
AMYLASE, blood/ AMYLASE, urine/ ANIMAL EXPERIMENTS/ DOGS/ ENZYME ACTIVATION/ ENZYME TESTS/ INJECTIONS, INTRAVENOUS/ PANCREATIC DISEASES, diagnosis/ PANCREATIC JUICE/ PEPTIDE PEPTIDOHYDROLASES, pharmacodynamics/ TIME FACTORS/ TRYPSIN, blood/ *TRYPSIN, metabolism/ TRYPSIN, urine/ TRYPSINOGEN, blood/ *TRYPSINOGEN, metabolism/ TRYPSINOGEN, urine

6575. **Romero Herrera AE, Lehmann H:** The myoglobin of primates. II. Pan Troglodytes (chimpanzee).
Biochim Biophys Acta 278:62-7, 31 Aug 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ *CHIMPANZEES, physiology/ CHROMATOGRAPHY, PAPER/ CYSTEINE, analysis/ ELECTROPHORESIS, PAPER/ HISTIDINE, analysis/ HUMAN/ HYDROLYSIS/ MONKEYS/ *MYOGLOBIN, analysis/ SPECIES SPECIFICITY/ TRYPSIN

6576. **Rometti A, Duplay H, Raymond G:** Angiomyolipome du rein. Aspect radiologique (à propos d'un cas traité par néphrectomie partielle.
J Urol Nephrol (Paris) 78:953-6, Oct-Nov 72 (Fre)
AGED/ FEMALE/ HEMANGIOMA, pathology/ *HEMANGIOMA, radiography/ HEMANGIOMA, surgery/ HUMAN/ KIDNEY NEOPLASMS, pathology/ *KIDNEY NEOPLASMS, radiography/ KIDNEY NEOPLASMS, surgery/ LIPOMA, pathology/ *LIPOMA, radiography/ LIPOMA, surgery/ NEPHRECTOMY/ *RENAL ARTERY, radiography

6577. **Rometti A, Tartar S:** Les hémorragies de la prostatectomie.
J Urol Nephrol (Paris) 78:490-1, Jun 72 (Fre)
AGED/ ANESTHESIA/ *HEMORRHAGE, etiology/ HEMORRHAGE, prevention & control/ HEMOSTASIS/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE CARE/ *PROSTATECTOMY/ *PROSTATIC HYPERTROPHY, surgery

6578. **Romhányi G:** Differences in ultrastructural organization of amyloid as revealed by sensitivity or resistance to induced proteolysis.
Virchows Arch [Pathol Anat] 357:29-52, 1972
ADULT/ AGED/ *AMYLOID, metabolism/ AMYLOIDOSIS, metabolism/ AORTA, metabolism/ BRAIN, blood supply/ CARCINOMA, metabolism/ CEREBRAL ARTERIES, metabolism/ CEREBRAL CORTEX, metabolism/ FEMALE/ HUMAN/ HYDROLYSIS/ ISLANDS OF LANGERHANS, metabolism/ KIDNEY DISEASES, metabolism/ MALE/ MENINGEAL ARTERIES, metabolism/ MENINGES, blood supply/ MIDDLE AGE/ MYOCARDIUM, metabolism/ *PROTEINS, metabolism/ SKIN DISEASES, metabolism/ THYROID NEOPLASMS, metabolism/ TRYPSIN/ VEINS, metabolism

6579. **Romhányi G, Bukovinszky A, Deák G:** On the ultrastructure and proteolytic susceptibility of acetylcollagen as studied by topo-optical reactions.
Acta Morphol Acad Sci Hung 20:49-69, 1972
*ACETIC ACIDS/ ACETYLATION/ ANIMAL EXPERIMENTS/ BIREFRINGENCE/ CATTLE/ *COLLAGEN/ *CONNECTIVE TISSUE, drug effects/ HUMAN/ HYDROLYSIS/ *PANCREATOPEPTIDASE/ PYRIDINES/ STAINS AND STAINING/ *TRYPSIN

6580. **Romodanov AP, Veremeenko KN, Mel'nichenko VA:** Issledovanie proteoliticheskikh fermentov i ikh ingibitorov v krovi i likvore u bol'nykh s cherepno-mozgovoĭ travmoĭ.
Vopr Neirokhir 36:18-21, Nov-Dec 72 (Rus)
BRAIN INJURIES, ACUTE, blood/ BRAIN INJURIES, ACUTE, cerebrospinal fluid/ *BRAIN INJURIES, ACUTE, drug therapy/ BRAIN INJURIES, ACUTE, enzymology/ ENGLISH ABSTRACT/ ENZYME REPRESSION/ ESTERASES, blood/

ESTERASES, cerebrospinal fluid/ ESTERASES, metabolism/ HEAD INJURIES, drug therapy/ HUMAN/ KININS, blood/ KININS, cerebrospinal fluid/ *KININS, metabolism/ PEPTIDE PEPTIDOHYDROLASES, blood/ PEPTIDE PEPTIDOHYDROLASES, cerebrospinal fluid/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ *SKULL, injuries/ TRYPSIN INHIBITORS, blood/ TRYPSIN INHIBITORS, cerebrospinal fluid/ *TRYPSIN INHIBITORS, metabolism

6581. **Roncari DA, Bradshaw RA, Vagelos PR:** Acyl carrier protein. XIX. Amino acid sequence of liver fatty acid synthetase peptides containing 4'-phosphopantetheine.
J Biol Chem 247:6234-42, 10 Oct 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CALCIUM PHOSPHATES/ CARBON ISOTOPES/ *CARRIER PROTEINS, analysis/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, PAPER/ *FATTY ACID SYNTHETASE COMPLEX, analysis/ FATTY ACID SYNTHETASE COMPLEX, isolation & purification/ GELS/ *LIVER, enzymology/ MALE/ ORGANOPHOSPHORUS COMPOUNDS/ *PANTOTHENIC ACID/ PANTOTHENIC ACID, metabolism/ PEPSIN/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PRONASE/ RATS/ SULFHYDRYL COMPOUNDS/ THERMOLYSIN/ TRITIUM/ TRYPSIN

6582. **Ronsky R:** Proteolytische Aktivität des Magensftes nach Stimulation.
Dtsch Z Verdau Stoffwechselkr 32:205-8, 1972 (Ger)
*GASTRIC JUICE, secretion/ GASTRIC MUCOSA, drug effects/ GASTRIC MUCOSA, secretion/ GASTROINTESTINAL DISEASES, physiopathology/ HUMAN/ *PENTAGASTRIN, pharmacodynamics/ PEPSIN, secretion/ PEPTIDE HYDROLASES, secretion/ SODIUM CHLORIDE, secretion/ STIMULATION, CHEMICAL

6583. **Rony PR:** Hollow fiber enzyme reactors.
J Am Chem Soc 94:8247-8, 15 Nov 72
ALKALINE PHOSPHATASE/ CATALASE/ CHYMOTRYPSIN/ DIALYSIS/ *ENZYMES/ KINETICS/ MEMBRANES, ARTIFICIAL/ PERMEABILITY/ SOLUBILITY

6584. **Rood JJ van, Tiilikainen A:** Workshop on the fundamentals of histocompatibility antigens.
Transplant Proc 5:989-91, Mar 73
ANIMAL EXPERIMENTS/ *ANTIBODIES/ BLOOD PLATELETS, immunology/ *HISTOCOMPATIBILITY ANTIGENS, analysis/ HISTOCOMPATIBILITY ANTIGENS, isolation & purification/ *HISTOCOMPATIBILITY TESTING/ HUMAN/ MICE/ *NOMENCLATURE

6585. **Roos J, Loeliger EA:** Subcutaneous heparin and postoperative deep-vein thrombosis.
Lancet 2:932, 28 Oct 72
*HEPARIN, administration & dosage/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOPHLEBITIS, prevention & control

6586. **Roosen K, Bock WJ, Niedermeier B, et al:** Blutgasanalytische Untersuchungen unter der Operation cerebraler arterio-venöser Angiome.
Z Neurol 202:339-45, 1972 (Ger)
ADULT/ ARTERIOVENOUS MALFORMATIONS, blood/ *ARTERIOVENOUS MALFORMATIONS, surgery/ *BRAIN, surgery/ BRAIN NEOPLASMS, blood/ *BRAIN NEOPLASMS, surgery/ *CARBON DIOXIDE, blood/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HEMANGIOMA, blood/ *HEMANGIOMA, surgery/ HUMAN/ JUGULAR VEIN/ MALE/ MIDDLE AGE/ *OXYGEN, blood/ PARTIAL PRESSURE

6587. **Rosa A:** L'état actuel du traitement par les anticoagulants des accidents vasculaires cérébraux.
Rev Prat 22:Suppl:87-95, 25 Nov 72 (Fre)
ANTICOAGULANTS, adverse effects/ *ANTICOAGULANTS, therapeutic use/ ARTERIOSCLEROSIS, complications/ CEREBRAL EMBOLISM AND THROMBOSIS, drug therapy/ CEREBRAL HEMORRHAGE, chemically induced/ CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ CEREBRAL ISCHEMIA, TRANSIENT, etiology/ *CEREBROVASCULAR DISORDERS, drug therapy/ EMBOLISM, complications

6588. **Rosa AT, Rothschild AM, Rothschild Z:** Fibrinolytic activity evoked in the plasma of the normal and adrenalectomized rat by cellulose sulphate.
Br J Pharmacol 45:470-5, Jul 72
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CALCIUM, pharmacodynamics/ *CELLULOSE, pharmacodynamics/ FIBRIN, antagonists & inhibitors/ FIBRIN, physiology/ *FIBRINOLYSIS, drug effects/ HEAT/ INJECTIONS, INTRAVENOUS/ KININS, blood/ MALE/ PLASMINOGEN, physiology/ RATS/ *SULFATES, pharmacodynamics/ TIME FACTORS

6589. **Roschlau WH:** Thrombolytic properties and side effects of brinase (fibrinolytic enzyme from Aspergillus oryzae) in the dog.
J Clin Pathol 25:635-6, Jul 72
ANIMAL EXPERIMENTS/ *ASPERGILLUS, enzymology/ DOGS/ FIBRINOLYTIC AGENTS, adverse effects/ FIBRINOLYTIC AGENTS, antagonists & inhibitors/ *FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, therapeutic use/ INJECTIONS, INTRAVENOUS/ LIVER, enzymology/ PEPTIDE HYDROLASES, adverse effects/ *PEPTIDE HYDROLASES, therapeutic use/ THROMBOPHLEBITIS, drug therapy/ *THROMBOSIS, drug therapy

6590. **Roschlau WH, Gage R:** The effects of brinolase (fibrinolytic enzyme from Aspergillus Oryzae) on platelet aggregation of dog and man.
Thromb Diath Haemorrh 28:31-48, 31 Aug 72
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADULT/ ANIMAL EXPERIMENTS/ ASPERGILLUS, enzymology/ BLOOD CELL COUNT/ COLLAGEN, pharmacodynamics/ DOGS/ HUMAN/ MALE/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, pharmacodynamics/ *PLATELET ADHESIVENESS, drug effects

6591. **Rose AG:** Pathology of the formalin-treated heterograft porcine aortic valve in the mitral position.
Thorax 27:401-9, Jul 72
ADOLESCENCE/ ADULT/ ANTIGENS/ AORTIC VALVE, pathology/ *AORTIC VALVE, transplantation/ CALCINOSIS, pathology/ COLLAGEN/ ELASTIC TISSUE, pathology/ FEMALE/ FIBRIN/ *FORMALDEHYDE/ HUMAN/ INFECTION, pathology/ MALE/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ *MITRAL VALVE INSUFFICIENCY, surgery/ STRESS, MECHANICAL/ SWINE/ THROMBOSIS, pathology/ TISSUE PRESERVATION/ TRANSPLANTATION, HETEROLOGOUS/ TRANSPLANTATION IMMUNOLOGY

6592. **Rose MB:** Superior mesenteric vein thrombosis and oral contraceptives. Postgrad Med J 48:430-3, Jul 72
ADULT/ ANTICOAGULANTS, therapeutic use/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ *MESENTERIC VASCULAR OCCLUSION, chemically induced/ MESENTERIC VASCULAR OCCLUSION, surgery/ *MESENTERIC VEINS/ *THROMBOPHLEBITIS, chemically induced/ THROMBOPHLEBITIS, surgery

6593. **Rose MS:** Apparent necrosis of bone-marrow in a patient with disseminated intravascular coagulation, post partum. Lancet 2:730-1, 29 Sep 73
ADULT/ BIOPSY, NEEDLE/ BONE MARROW, pathology/ *BONE MARROW DISEASES,

pathology/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FEMALE/ HUMAN/ INFANT, NEWBORN/ *NECROSIS/ PREGNANCY/ PREGNANCY TOXEMIAS, complications/ *PUERPERAL DISORDERS/ PUERPERAL DISORDERS, pathology

6594. **Rose MS:** Evidence of intracranial deposits at the onset of myelomonoblastic leukaemia.
Guys Hosp Rep 121:223-7, 1972
ADULT/ BLOOD COAGULATION TESTS/ BRAIN, pathology/ DIPLOPIA, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ EYE MANIFESTATIONS/ FACIAL NERVE, pathology/ FACIAL PARALYSIS, etiology/ HUMAN/ LEUKEMIA, MYELOBLASTIC, blood/ *LEUKEMIA, MYELOBLASTIC, complications/ LEUKEMIA, MYELOBLASTIC, pathology/ MALE/ MOTOR NEURONS/ *NEUROLOGIC MANIFESTATIONS/ PROTHROMBIN TIME

6595. **Rose MS, Leahy MF, Stevens A, et al:** The bone marrow during recovery from drug induced agranulocytosis.
Guys Hosp Rep 121:147-53, 1972
*AGRANULOCYTOSIS, chemically induced/ AGRANULOCYTOSIS, pathology/ *ANALGESICS AND ANTIPYRETICS, adverse effects/ ASPIRIN, adverse effects/ ASPIRIN, therapeutic use/ *BONE MARROW, pathology/ BONE MARROW CELLS/ BONE MARROW EXAMINATION/ COLITIS, drug therapy/ ETHOHEPTAZINE, adverse effects/ ETHOHEPTAZINE, therapeutic use/ FEMALE/ HEMOGLOBINOMETRY/ HUMAN/ LEUKOCYTE COUNT/ MALE/ MEPROBAMATE, adverse effects/ MEPROBAMATE, therapeutic use/ MIDDLE AGE/ NEUTROPHILS/ *PHENINDIONE, adverse effects/ PHENINDIONE, therapeutic use/ RHEUMATIC HEART DISEASE, drug therapy/ TIME FACTORS

6596. **Rosemond H, Moss B:** Phosphoprotein component of vaccinia virions. J Virol 11:961-70, Jun 73
AUTORADIOGRAPHY/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HELA CELLS/ HUMAN/ OXIDATIVE PHOSPHORYLATION/ PHOSPHOPEPTIDES, analysis/ *PHOSPHOPROTEINS, analysis/ PHOSPHOPROTEINS, isolation & purification/ PHOSPHORUS ISOTOPES/ PRECIPITATION/ SERINE, analysis/ THREONINE, analysis/ TRITIUM/ TRYPSIN/ *VACCINIA VIRUS, analysis/ VACCINIA VIRUS, growth & development/ *VIRAL PROTEINS, analysis/ VIRAL PROTEINS, isolation & purification

6597. **Rosen LA, Hollis TM:** Endothelial succinate utilization in atherosclerotic rabbits.
Atherosclerosis 17:297-304, Mar-Apr 73
ANIMAL EXPERIMENTS/ AORTA, enzymology/ *AORTA, metabolism/ AORTA, pathology/ *ARTERIOSCLEROSIS, metabolism/ ENDOTHELIUM, metabolism/ OXYGEN CONSUMPTION/ RABBITS/ *SUCCINATES, metabolism/ TRYPSIN, metabolism

6598. **Rosen P, Armstrong D:** Nonbacterial thrombotic endocarditis in patients with malignant neoplastic diseases. Am J Med 54:23-9, Jan 73
*ADENOCARCINOMA, complications/ ADULT/ AGED/ AUTOPSY/ BREAST NEOPLASMS, complications/ CARCINOMA, complications/ CARCINOMA, EPIDERMOID, complications/ CEREBRAL EMBOLISM AND THROMBOSIS, complications/ CERVIX NEOPLASMS, complications/ *ENDOCARDITIS, etiology/ FEMALE/ HEART AUSCULTATION/ HEART VALVE DISEASES, complications/ HODGKIN'S DISEASE, complications/ HUMAN/ LUNG NEOPLASMS, complications/ MALE/ MIDDLE AGE/ PANCREATIC NEOPLASMS, complications/ PROSTATIC NEOPLASMS, complications/ THROMBOEMBOLISM, complications/ THROMBOPENIA, complications/ VAGINAL NEOPLASMS, complications

6599. **Rosenberg F, Kahn MF, Bensasson M, et al:** L'ostéonécrose aseptique de la tête humérale. A propos de 17 observations.
Rev Rhum Mal Osteoartic 39:407-16, Jun-Jul 72 (Fre)
ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HUMERUS/ *JOINT DISEASES/ JOINT DISEASES, diagnosis/ JOINT DISEASES, etiology/ JOINT DISEASES, radiography/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, complications/ *OSTEOCHONDRITIS/ OSTEOCHONDRITIS, diagnosis/ OSTEOCHONDRITIS, etiology/ OSTEOCHONDRITIS, radiography/ OSTEOCHONDRITIS, therapy/ PURPURA, THROMBOPENIC, complications/ SHOULDER, radiography/ *SHOULDER JOINT

6600. **Rosenberg J, Golimbu M, Suarez J, et al:** Congenital arteriovenous malformation of the bladder.
J Urol 109:605-8, Apr 73
ANGIOGRAPHY/ ARTERIOVENOUS MALFORMATIONS, complications/ ARTERIOVENOUS MALFORMATIONS, diagnosis/ *ARTERIOVENOUS MALFORMATIONS, surgery/ BIOPSY/ *BLADDER, blood supply/ BLADDER NEOPLASMS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ HEMANGIOMA, diagnosis/ HEMATURIA, etiology/ HUMAN/ MALE/ MIDDLE AGE/ PROSTATECTOMY

6601. **Rosenberg P:** Venoms and enzymes: effects of permeability of isolated single electroplax.
Toxicon 11:149-54, Feb 73
ACIDS/ ALKALIES/ AMINOACID OXIDOREDUCTASES, pharmacodynamics/ AMMONIUM COMPOUNDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTI-INFECTIVE AGENTS, LOCAL, pharmacodynamics/ CARBON ISOTOPES/ CELL MEMBRANE PERMEABILITY, drug effects/ CHOLINE, metabolism/ CHYMOTRYPSIN, pharmacodynamics/ *ELECTRIC ORGAN, drug effects/ ELECTRIC ORGAN, metabolism/ HYALURONIDASE, pharmacodynamics/ LIPASE, pharmacodynamics/ PHOSPHODIESTERASES, pharmacodynamics/ PHOSPHOLIPASE, pharmacodynamics/ SNAKES/ TIME FACTORS/ TOXINS, pharmacodynamics/ TRYPSIN, pharmacodynamics/ *VENOMS, pharmacodynamics

6602. **Rosenberg RD, Damus PS:** The purification and mechanism of action of human antithrombin-heparin cofactor. J Biol Chem 248:6490-505, 25 Sep 73
AMINO ACIDS, analysis/ ANTITHROMBIN, analysis/ *ANTITHROMBIN, isolation & purification/ ANTITHROMBIN, metabolism/ BINDING SITES/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FLUORESCENCE SPECTROMETRY/ GEL FILTRATION/ *HEPARIN, isolation & purification/ HEPARIN CO-FACTOR, analysis/ HEPARIN CO-FACTOR, isolation & purification/ HEPARIN CO-FACTOR, metabolism/ HUMAN/ IMMUNOELECTROPHORESIS/ ISOELECTRIC FOCUSING/ MACROMOLECULAR SYSTEMS/ PROTEIN BINDING/ PROTEIN CONFORMATION/ RABBITS, immunology/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SULFUR ISOTOPES/ TRITIUM

6603. **Rosenblith JZ, Ukena TE, Yin HH, et al:** A comparative evaluation of the distribution of concanavalin A-binding sites on the surfaces of normal, virally-transformed, and protease-treated fibroblasts.
Proc Natl Acad Sci USA 70:1625-9, Jun 73
BINDING SITES/ BINDING SITES, drug effects/ CELL LINE/ *CELL TRANSFORMATION, NEOPLASTIC/ CONCANAVALIN A, metabolism/ FIBROBLASTS/ HEMOCYANIN, metabolism/

MICE/ *PHYTOMITOGENS, metabolism/ *PLANT AGGLUTININS, metabolism/ PROTEIN BINDING/ SV40 VIRUS/ *TRYPSIN, pharmacodynamics

6604. **Rosenblum D, Wessler S, Avioli LA:** The Jewish Hospital of St. Louis therapeutic grand rounds number 3. Drug-induced blood dyscrasias.
Arch Intern Med 131:750-2, May 73
AGRANULOCYTOSIS, chemically induced/ AGRANULOCYTOSIS, diagnosis/ AGRANULOCYTOSIS, therapy/ ANEMIA, APLASTIC, chemically induced/ ANEMIA, APLASTIC, diagnosis/ BLOOD TRANSFUSION/ DRUG THERAPY, adverse effects/ FEMALE/ *HEMATOLOGIC DISEASES, chemically induced/ HODGKIN'S DISEASE, chemically induced/ HUMAN/ LEUKEMIA, MYELOCYTIC, chemically induced/ MIDDLE AGE/ THROMBOPENIA, chemically induced/ THROMBOPENIA, diagnosis

6605. **Rosenblum WI:** Report on symposium on atherosclerosis. 48th annual meeting of the American Association of Neuropathologists.
Stroke 3:683-5, Nov-Dec 72
ANIMAL EXPERIMENTS/ ARTERIOSCLEROSIS, metabolism/ *ARTERIOSCLEROSIS, pathology/ CEREBRAL ARTERIES, pathology/ CEREBRAL ARTERIOSCLEROSIS, complications/ CEREBRAL ARTERIOSCLEROSIS, pathology/ CONGRESSES/ DIABETES MELLITUS, complications/ DIET, ATHEROGENIC/ DISEASE MODELS, ANIMAL/ HUMAN/ LIPOPROTEINS, metabolism/ MONKEYS

6606. **Rosenblum WI, Warren EW:** Elevation of blood viscosity produced by shearing in a rotational viscometer and its inhibition by refrigeration.
Biorheology 10:43-9, Mar 73
ANIMAL EXPERIMENTS/ *BLOOD VISCOSITY/ HUMAN/ MICE/ PHYSICAL STIMULATION/ *REFRIGERATION/ TIME FACTORS

6607. **Rosenlund ML:** Cystic fibrosis--survival could depend on you. Clin Pediatr (Phila) 11:667-8, Dec 72
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ CHLORIDES, analysis/ *CYSTIC FIBROSIS, diagnosis/ CYSTIC FIBROSIS, radiography/ CYSTIC FIBROSIS, therapy/ DIET THERAPY/ FECES, analysis/ HUMAN/ INFANT/ INFANT, NEWBORN/ PHYSICAL THERAPY/ PSEUDOMONAS, isolation & purification/ SODIUM, analysis/ SPUTUM, microbiology/ STAPHYLOCOCCUS, isolation & purification/ SWEAT, analysis/ TRYPSIN, analysis

6608. **Rosenthal RS, Karafin L, Kendall AR:** Pelvic lipomatosis: an emerging entity.
Pa Med 76:41-2, Aug 73
BARIUM SULFATE, diagnostic use/ ENEMA/ HEMATOMA, radiography/ HUMAN/ *LIPOMATOSIS, radiography/ MALE/ MIDDLE AGE/ *PELVIC NEOPLASMS, radiography/ UROGRAPHY

6609. **Rosenthal SM:** The influence of proteolytic enzyme inhibitors on traumatic swelling.
J Trauma 13:548-53, Jun 73
ANIMAL EXPERIMENTS/ BENZYL COMPOUNDS, therapeutic use/ *BURNS, complications/ EDEMA, drug therapy/ *EDEMA, etiology/ EGG PROTEINS, therapeutic use/ FEMALE/ FLUORINE/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, INTRAVENOUS/ *ISCHEMIA, complications/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MICE/ MUCOPROTEINS, therapeutic use/ PLANT EXTRACTS, therapeutic use/ SULFONES, therapeutic use/ TAIL, blood supply/ TIME FACTORS/ TOURNIQUETS/ *TRYPSIN INHIBITORS, therapeutic use

6610. **Rosenthal T, Adar R, Wolfstein I, et al:** Cavernous hemangioma of the spleen; angiographic observations. Angiology 24:430-3, Jul-Aug 73
AGED/ ANGIOGRAPHY/ FEMALE/ HEMANGIOMA, CAVERNOUS, complications/ *HEMANGIOMA, CAVERNOUS, radiography/ HUMAN/ HYPERSPLENISM, etiology/ SPLENIC NEOPLASMS, complications/ *SPLENIC NEOPLASMS, radiography

6611. **Rosenthal T, Shani M, Deutsch V, et al:** The Budd-Chiari syndrome after pregnancy. Report of two cases and a review of the literature.
Am J Obstet Gynecol 113:789-92, 15 Jul 72
ADULT/ ANGIOGRAPHY/ BIOPSY/ BLOOD COAGULATION FACTORS/ CONTRACEPTIVES, ORAL, adverse effects/ DELIVERY/ FEMALE/ HEPATIC VEIN THROMBOSIS, diagnosis/ *HEPATIC VEIN THROMBOSIS, etiology/ HEPATIC VEIN THROMBOSIS, radiography/ HUMAN/ LIVER FUNCTION TESTS/ PHLEBOGRAPHY/ PREGNANCY/ SPLENOPORTOGRAPHY/ TIME FACTORS

6612. **Rosiak J, Czarnecki M:** Rzadkie postacie powikłań w przebiegu infekcji grypowej.
Pol Tyg Lek 28:745-7, 14 May 73 (Pol)
ABDOMINAL WALL/ COUGH, complications/ ENGLISH ABSTRACT/ FEMALE/ *HEMATOMA, etiology/ HUMAN/ *INFLUENZA, complications/ MIDDLE AGE

6613. **Rosing DR, Redwood DR, Brakman P, et al:** Impairment of the diurnal fibrinolytic response in man. Effects of aging, type IV hyperlipoproteinemia, and coronary artery disease. Circ Res 32:752-8, Jun 73
ADULT/ *AGING/ *CIRCADIAN RHYTHM/ CORONARY DISEASE, blood/ FACTOR ANALYSIS, STATISTICAL/ FEMALE/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HUMAN/ HYPERLIPEMIA, blood/ *HYPERLIPEMIA, physiopathology/ *LIPOPROTEINS, blood/ MALE/ MIDDLE AGE/ PLASMINOGEN, analysis/ TRIGLYCERIDES

6614. **Ross JM, James DC:** Association of white cell and red cell antibodies in human sera.
J Clin Pathol 26:367-70, May 73
*ANTIBODIES, analysis/ ANTILYMPHOCYTE SERUM/ BLOOD GROUPS/ BLOOD PLATELETS, immunology/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ *ERYTHROCYTES, immunology/ HISTOCOMPATIBILITY ANTIGENS/ HUMAN/ IMMUNE SERUMS/ ISOANTIBODIES, analysis/ *LEUKOCYTES, immunology/ RH FACTORS

6615. **Rossi A, Chiericato G Jr, Giglio JR:** Action du Rivanol et de certains sels sur l'activité des thrombines de baeuf et de porc.
C R Acad Sci [D] (Paris) 275:267-70, 10 Jul 72 (Fre)
*ACRIDINES, pharmacodynamics/ BLOOD COAGULATION/ CATTLE/ CHROMATOGRAPHY/ COPPER, pharmacodynamics/ *DRUG INTERACTIONS/ FIBRINOGEN, pharmacodynamics/ POTASSIUM, pharmacodynamics/ SALTS, pharmacodynamics/ SODIUM, pharmacodynamics/ SWINE/ THROMBIN, isolation & purification/ *THROMBIN, pharmacodynamics

6616. **Rossi A, Lenoe F de A, Giglio JR:** Purification et analyse N-terminale de la prothrombine du porc.
C R Acad Sci [D] (Paris) 274:3619-21, 26 Jun 72 (Fre)
ADSORPTION/ ALANINE, isolation & purification/ AMINO ACID SEQUENCE/ AMMONIUM SULFATE/ CHROMATOGRAPHY, ION EXCHANGE/ EDTA/ ENZYME PRECURSORS, isolation & purification/ HYDROGEN-ION CONCENTRATION/ MAGNESIUM OXIDE/ METHODS/ PRECIPITATION/ PROTHROMBIN, analysis/ *PROTHROMBIN, isolation & purification/ SWINE

6617. **Rossi A, Say JC, Giglio JR:** Purification et analyse N-terminale de la thrombine du porc.
C R Acad Sci [D] (Paris) 275:133-6, 3 Jul 72 (Fre)
CALCIUM/ CHROMATOGRAPHY, ION EXCHANGE/ CITRATES/ ENZYME

ACTIVATION/ GLUTAMATES, analysis/ ISOLEUCINE, analysis/ METHODS/ PROTEIN CONFORMATION/ PROTHROMBIN/ *SWINE/ THREONINE, analysis/ *THROMBIN/ THROMBIN, analysis/ THROMBIN, isolation & purification/ THROMBOPLASTIN/ TIME FACTORS

6618. **Rossi EC, Levin NW:** Inhibition of primary ADP-induced platelet aggregation in normal subjects after administration of nitrofurantoin (furadantin). J Clin Invest 52:2457-67, Oct 73
*ADENOSINE DIPHOSPHATE, antagonists & inhibitors/ ADENOSINE DIPHOSPHATE, metabolism/ ADMINISTRATION, ORAL/ ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ BUFFERS/ COLLAGEN, pharmacodynamics/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ FEMALE/ HUMAN/ KINETICS/ NITROFURANTOIN, administration & dosage/ NITROFURANTOIN, blood/ *NITROFURANTOIN, pharmacodynamics/ PROSTAGLANDINS, pharmacodynamics/ THEOPHYLLINE, pharmacodynamics/ TIME FACTORS

6619. **Rossi EC, Levin NW:** Inhibition of ADP-induced platelet aggregation by furosemide. J Lab Clin Med 81:140-7, Jan 73
*ADENOSINE DIPHOSPHATE, antagonists & inhibitors/ *BLOOD PLATELETS, drug effects/ CELL AGGREGATION, drug effects/ COLLAGEN, antagonists & inhibitors/ EPINEPHRINE, antagonists & inhibitors/ *FUROSEMIDE, pharmacodynamics/ HUMAN/ KINETICS/ PROSTAGLANDINS, pharmacodynamics

6620. **Rossi R, Zanini S, Buonanno C, et al:** Effetto degli anticoagulanti nell'infarto acuto del miocardio. Cardiol Prat 23:13-20, Mar 72 (Ita)
ACUTE DISEASE/ ADULT/ AGED/ *ANTICOAGULANTS, therapeutic use/ CORONARY CARE UNITS/ ENGLISH ABSTRACT/ HEART INJURIES, etiology/ HUMAN/ MIDDLE AGE/ MYOCARDIAL INFARCT, complications/ *MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, mortality/ RUPTURE/ THROMBOEMBOLISM, drug therapy/ THROMBOEMBOLISM, etiology

6621. **Rossmann P, Hladovec J:** Changes in fine structure of fibrin in fibrinolysis. Cor Vasa 14:222-7, 1972
BLOOD/ *FIBRIN/ *FIBRINOLYSIS/ HUMAN/ PLASMA/ STREPTOKINASE, pharmacodynamics/ THROMBOSIS, physiopathology

6622. **Rossmann P, Jirka J, Málek P, et al:** Histology and fine structure of necrotic renal allografts in man. J Pathol 110:177-89, Jun 73
ADULT/ AUTOPSY/ BASEMENT MEMBRANE, pathology/ BIOPSY/ BIOPSY, NEEDLE/ EPITHELIUM, pathology/ FEMALE/ FIBRIN/ GRAFT REJECTION/ HUMAN/ ISCHEMIA, pathology/ KIDNEY, blood supply/ KIDNEY, pathology/ *KIDNEY, transplantation/ KIDNEY CORTEX, pathology/ KIDNEY DISEASES, pathology/ KIDNEY GLOMERULUS, blood supply/ KIDNEY GLOMERULUS, pathology/ MALE/ MICROSCOPY, ELECTRON/ *NECROSIS, pathology/ THROMBOSIS, pathology/ TRANSPLANTATION, HOMOLOGOUS

6623. **Rossof AH, Slayton RE, Perlia CP:** Preliminary clinical experience with cis-diamminedichloroplatinum (II) (NSC 119875, CACP). Cancer 30:1451-6, Dec 72
AMINES, adverse effects/ *AMINES, therapeutic use/ ANEMIA, chemically induced/ ANTINEOPLASTIC AGENTS, administration & dosage/ ANTINEOPLASTIC AGENTS, adverse effects/ *ANTINEOPLASTIC AGENTS, therapeutic use/ AUDIOMETRY/ BLOOD UREA NITROGEN/ BONE MARROW CELLS, drug effects/ CHLORIDES, adverse effects/ CHLORIDES, therapeutic use/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HEARING DISORDERS, chemically induced/ HUMAN/ KIDNEY, drug effects/ LEUKOPENIA, chemically induced/ NEOPLASM METASTASIS/ *NEOPLASMS, drug therapy/ PLATINUM, adverse effects/ *PLATINUM, therapeutic use/ PLATINUM, toxicity/ THROMBOPENIA, chemically induced/ TIME FACTORS/ URIC ACID, blood/ VOMITING, chemically induced

6624. **Rosswick RP:** Subcutaneous heparin and postoperative thrombosis. Lancet 813:1181, 23 May 73
FEMALE/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOPHLEBITIS, prevention & control

6625. **Rosswick RP:** Subcutaneous heparin and postoperative thrombosis. Lancet 1:1181, 26 May 73
FEMALE/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOPHLEBITIS, prevention & control

6626. **Rota P:** Modificazioni ematologiche per esposizione acuta al calore. Riv Med Aeronaut Spaz 35:36-50, Jan-Jun 72 (Ita)
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ *BLOOD CELL COUNT/ BLOOD PLATELETS/ ENGLISH ABSTRACT/ ERYTHROCYTE COUNT/ *HEAT, adverse effects/ HEMATOCRIT/ HEMOGLOBINOMETRY/ HEMORRHAGE, etiology/ KIDNEY, pathology/ LEUKOCYTE COUNT/ LIVER, pathology/ LUNG, pathology/ MICE/ SPACE FLIGHT

6627. **Rothe G, Kurpat D, Baudrexl A:** Lungenrundherdfehldiagnosen bei pleuralen Veränderungen. Z Erkr Atmungsorgane 137:145-51, Feb 73 (Ger)
ADHESIONS/ *COIN LESION, PULMONARY, radiography/ DIAGNOSIS, DIFFERENTIAL/ DIAGNOSTIC ERRORS/ HUMAN/ PLEURAL DISEASES, pathology/ *PLEURAL DISEASES, radiography/ PLEURAL NEOPLASMS, radiography/ TOMOGRAPHY, RADIOGRAPHIC

6628. **Rothemund E, Wenzel U:** Beobachtung eines protrahierten Mittelhirnsyndroms bei angiomatöser Fehlbildung im rostralen Hirnstamm. Beitrag zur Frage des hirnstammbedingten apallischen Syndroms. Arch Psychiatr Nervenkr 216:20-30, 1972 (Ger)
ADULT/ AUTOPSY/ BRAIN DISEASES, diagnosis/ BRAIN DISEASES, pathology/ BRAIN NEOPLASMS, complications/ BRAIN NEOPLASMS, pathology/ *CEREBRAL CORTEX/ CEREBRAL HEMORRHAGE, etiology/ DEMYELINATION, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HEMANGIOMA, complications/ HEMANGIOMA, pathology/ HUMAN/ MALE/ MESENCEPHALON, pathology/ PONS, pathology/ RETICULAR FORMATION

6629. **Rothen A:** Immunologic and enzymatic reactions carried out at a liquid-solid interface. Biophys J 13:402-4, Apr 73
ADSORPTION/ ANTIBODIES/ *ANTIGEN-ANTIBODY REACTIONS/ *MEMBRANES, ARTIFICIAL/ *TRYPSIN

6630. **Rothermel JE, Wessinger JB, Stinchfield FE:** Dextran 40 and thromboembolism in total hip replacement surgery. Arch Surg 106:135-7, Feb 73
ADULT/ AGED/ BANDAGES/ DEXTRAN, administration & dosage/ DEXTRAN, adverse effects/ *DEXTRAN, therapeutic use/ FEMALE/ HEMATOMA, etiology/ HEMATOMA, occurrence/ *HIP, surgery/ HIP JOINT/ HUMAN/ JOINT DISEASES, surgery/ JOINT PROSTHESIS/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS,

prevention & control/ POSTURE/ PROSPECTIVE STUDIES/ PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, occurrence/ *THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, occurrence

6631. **Rouault C:** Red cell oxygen delivery. Effect of 2,3-diphosphoglycerate.
Postgrad Med 53:201-3, Mar 73
BLOOD PRESERVATION/ DIPHOSPHOGLYCERIC ACIDS, blood/ *ERYTHROCYTES, metabolism/ *GLYCERIC ACIDS, blood/ HEMOGLOBIN, metabolism/ HUMAN/ *ORGANOPHOSPHORUS COMPOUNDS, blood/ *OXYGEN, blood/ PARTIAL PRESSURE/ PROTEIN BINDING

6632. **Roujeau J, Brisset JM, Martin E, et al:** Les angiomyolipomes du rein: intérêt de l'artériographie rénale (a propos de deux cas.
J Radiol Electrol Med Nucl 53:197-200, Feb 72 (Fre)
AGED/ FEMALE/ HEMANGIOMA, complications/ HEMANGIOMA, pathology/ *HEMANGIOMA, radiography/ HUMAN/ KIDNEY, pathology/ KIDNEY NEOPLASMS, complications/ KIDNEY NEOPLASMS, pathology/ *KIDNEY NEOPLASMS, radiography/ LIPOMA, complications/ LIPOMA, pathology/ LIPOMA, radiography/ MALE/ MIDDLE AGE/ *RENAL ARTERY, radiography/ TUBEROUS SCLEROSIS, complications/ UROGRAPHY

6633. **Rousseau J, Dupuy JP, Pompon JP, et al:** Aspects radiologiques des tumeurs bénignes de l'estomac.
Ann Radiol (Paris) 16:49-56, Jan-Feb 73 (Fre)
ADENOMA, radiography/ ADULT/ AGED/ CHORISTOMA, radiography/ CYSTS, radiography/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ EOSINOPHILIC GRANULOMA, radiography/ FEMALE/ HEMANGIOMA, radiography/ HUMAN/ LEIOMYOMA, radiography/ LIPOMA, radiography/ MALE/ MIDDLE AGE/ NEURILEMMOMA, radiography/ PAPILLOMA, radiography/ POLYPS, radiography/ *STOMACH NEOPLASMS, radiography

6634. **Rowan RM:** Automatic platelet counters.
J Clin Pathol 25:1011, Nov 72
*BLOOD CELL COUNT, instrumentation/ *BLOOD PLATELETS

6635. **Rowe AJ, Leveson JE:** Developments in transient hemorrhagic disorders.
Tex Med 69:72-8, Feb 73 (78 ref.)
BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION DISORDERS, familial & genetic/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION FACTORS, metabolism/ BLOOD COAGULATION TESTS/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FIBRIN, biosynthesis/ HEPARIN, blood/ HUMAN/ INDICATOR DILUTION TECHNICS/ REVIEW

6636. **Rowen M, Dorsey TJ, Hepps SA:** Primary venous obstruction of the upper extremity.
Calif Med 118:18-23, Feb 73
ADULT/ *AXILLARY VEIN/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ PHLEBOGRAPHY/ *SUBCLAVIAN VEIN/ *THROMBOPHLEBITIS/ THROMBOPHLEBITIS, drug therapy/ *VENOUS INSUFFICIENCY/ VENOUS INSUFFICIENCY, drug therapy

6637. **Rowley PT, Jacobs M:** Hypersplenic thrombocytopenia in sickle cell-bata thalassemia.
Am J Med Sci 264:489-93, Dec 72
ACRYLAMIDES/ ADULT/ *ANEMIA, SICKLE CELL, complications/ ANEMIA, SICKLE CELL, familial & genetic/ BLOOD CELL COUNT/ BLOOD PLATELETS/ FEMALE/ GELS/ HEMOGLOBIN, analysis/ HEMOGLOBINS, ABNORMAL, analysis/ HUMAN/ *HYPERSPLENISM, complications/ ISOELECTRIC FOCUSING/ ORGAN WEIGHT/ PEDIGREE/ SPLENECTOMY/ SPLENIC INFARCTION, therapy/ *THALASSEMIA, complications/ THALASSEMIA, familial & genetic/ *THROMBOPENIA, complications/ THROMBOPENIA, therapy

6638. **Rowley PT, Jacobs M, Rosecrans C, et al:** High resolution analysis of hemoglobins: polyacrylamide isoelectric focusing. Biochem Med 6:553-60, Dec 72
ANEMIA, SICKLE CELL, blood/ BLOOD PRESERVATION/ COLD/ COMPARATIVE STUDY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ELECTROPHORESIS, STARCH GEL/ EVALUATION STUDIES/ FEMALE/ FETAL HEMOGLOBIN, analysis/ *FETAL HEMOGLOBIN, isolation & purification/ HEMOGLOBIN, analysis/ *HEMOGLOBIN, isolation & purification/ HEMOGLOBINOMETRY/ HEMOGLOBINOPATHIES, blood/ HEMOGLOBINS, ABNORMAL, analysis/ *HEMOGLOBINS, ABNORMAL, isolation & purification/ HEMOLYSIS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ ISOELECTRIC FOCUSING/ PREGNANCY/ SPECIMEN HANDLING/ SPECTROPHOTOMETRY/ THALASSEMIA, blood/ TIME FACTORS

6639. **Rowley PT, Oette D:** Characteristics of the antitrypsin activity of human serum. J Clin Pathol 26:48-51, Jan 73
HUMAN/ HYDROGEN-ION CONCENTRATION/ MATHEMATICS/ SPECTROPHOTOMETRY/ TIME FACTORS/ TRYPSIN/ *TRYPSIN INHIBITORS, blood

6640. **Royen EA van, Cate JW ten:** Antigen biological activity ratio for factor VIII in late pregnancy.
Lancet 2:449-50, 25 Aug 73
ANTIGENS, analysis/ *FACTOR VIII/ FEMALE/ HUMAN/ PREGNANCY/ *PREGNANCY/ RABBITS/ TIME FACTORS

6641. **Royer GP, Uy R:** Evidence for the induction of a conformational change of bovine trypsin by a specific substrate at pH 8.0. J Biol Chem 248:2627-9, 10 Apr 73
ACETAMIDES/ AMINES/ ARGININE/ AZO COMPOUNDS/ BENZOATES/ CATTLE/ CHEMISTRY/ ESTERS/ GLASS/ HYDROGEN-ION CONCENTRATION/ IODOACETATES/ LYSINE, analysis/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SOLUBILITY/ *TRYPSIN/ TRYPSIN, analysis/ TRYPSIN INHIBITORS/ TYROSINE, analysis

6642. **Royer P:** Applications mëdicales et perspectives thërapeutiques dëduites des connaissances en pathologie molëculaire.
Biochimie 54:789-99, 1972 (Fre)
BINDING SITES/ BIOLOGICAL TRANSPORT/ BLOOD COAGULATION FACTORS/ BLOOD TRANSFUSION/ CARRIER PROTEINS/ COENZYMES, biosynthesis/ DIET THERAPY/ ENGLISH ABSTRACT/ ENZYME INDUCTION/ ENZYMES, biosynthesis/ FEEDBACK/ HORMONES, biosynthesis/ HORMONES, therapeutic use/ HUMAN/ LYSOSOMES, enzymology/ METABOLISM, INBORN ERRORS, drug therapy/ *METABOLISM, INBORN ERRORS, therapy/ PROTEIN CONFORMATION/ RECEPTORS, HORMONE/ STRUCTURE-ACTIVITY RELATIONSHIP/ TISSUE EXTRACTS, therapeutic use/ TRANSDUCTION, GENETIC/ VITAMINS, therapeutic use

6643. **Rozen VB, Volchek AG, Strokova IG, et al:** O roli gipotalamo-gipofizarnoi sistemy v reguliatsii urovnia transkortina v plazme krys.
Probl Endokrinol (Mosk) 19:58-63, Mar-Apr 73 (Rus)
ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS/ CORTICOSTERONE, blood/ ELECTROCOAGULATION/ ENGLISH ABSTRACT/ ESTRUS/ FEMALE/ HYPOPHYSECTOMY/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ INJECTIONS, INTRAVENOUS/

INJECTIONS, SUBCUTANEOUS/ RATS/ THYROTROPIN RELEASING FACTOR, pharmacodynamics/ THYROXINE, pharmacodynamics/ TISSUE EXTRACTS, pharmacodynamics/ *TRANSCORTIN, analysis/ TRITIUM

6644. **Rozenberg MC, Walker CM:** The effect of pyrimidine compounds on the potentiation of adenosine inhibition of aggregation, on adenosine phosphorylation and phosphodiesterase activity of blood platelets. Br J Haematol 24:409-18, Apr 73
ADENOSINE, metabolism/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ *ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE MONOPHOSPHATE, metabolism/ BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ DIPYRIDAMOLE, pharmacodynamics/ ETHANOLAMINES, pharmacodynamics/ ETHYLAMINES, pharmacodynamics/ HUMAN/ IN VITRO/ MORPHOLINES, pharmacodynamics/ *PHOSPHODIESTERASES, metabolism/ PIPERIDINES, pharmacodynamics/ *PLATELET ADHESIVENESS, drug effects/ PYRIMIDINES, pharmacodynamics/ THIOPHENES, pharmacodynamics

6645. **Rozenfel'd MA, Piruzian LA, Khavkina LS, et al:** M krokalorimetricheskie issledovaniia kompleksobrazovaniia geparina s trombogennymi belkami.
Izv Akad Nauk SSSR [Biol] 3:446-50, May-Jun 72 (Rus)
*CALORIMETRY/ CHEMISTRY, ORGANIC/ ENGLISH ABSTRACT/ *FIBRINOGEN, analysis/ *HEPARIN, analysis/ HUMAN/ *MICROCHEMISTRY/ *THROMBIN, analysis

6646. **Rubenstein E:** The high incidence of thromboembolism: prevention and action. Geriatrics 28:116-21, Apr 73
AGED/ ANGIOGRAPHY/ ANTICOAGULANTS, antagonists & inhibitors/ ELECTROCARDIOGRAPHY/ HEPARIN, therapeutic use/ HUMAN/ INDIUM, diagnostic use/ LACTATE DEHYDROGENASE, blood/ LEG, blood supply/ MIDDLE AGE/ OXYGEN, blood/ OXYGEN INHALATION THERAPY/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, radiography/ RADIOISOTOPE SCANNING/ *THROMBOEMBOLISM/ THROMBOEMBOLISM, diagnosis/ THROMBOEMBOLISM, occurrence/ THROMBOEMBOLISM, surgery/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, prevention & control/ VENA CAVA, INFERIOR, surgery

6647. **Rubin AD, Davis S:** The role of the lymphocyte in producing the clinical manifestations of chronic lymphocytic leukemia.
Med Clin North Am 57:463-78, Mar 73 (55 ref.)
ANEMIA, HEMOLYTIC, AUTOIMMUNE, etiology/ ANTIGENIC DETERMINANTS/ BINDING SITES, ANTIBODY/ CELLS, CULTURED/ HUMAN/ LEUKEMIA, LYMPHOBLASTIC, pathology/ *LEUKEMIA, LYMPHOCYTIC/ LEUKEMIA, LYMPHOCYTIC, blood/ LEUKEMIA, LYMPHOCYTIC, complications/ LEUKEMIA, LYMPHOCYTIC, diagnosis/ LEUKEMIA, LYMPHOCYTIC, familial & genetic/ LEUKEMIA, LYMPHOCYTIC, immunology/ LYMPHOCYTE TRANSFORMATION/ *LYMPHOCYTES/ LYMPHOCYTES, immunology/ LYMPHOCYTES, metabolism/ PLANT AGGLUTININS, pharmacodynamics/ PLEURAL EFFUSION, etiology/ PURPURA, THROMBOPENIC, etiology/ REVIEW/ RIBOSOMES/ RNA, RIBOSOMAL, biosynthesis/ SPLENOMEGALY, etiology

6648. **Rubin AS, Coons AH:** Specific heterologous enhancement of immune responses. IV. Specific generation of a thymus-derived enhancing factor.
J Exp Med 136:1501-17, 1 Dec 72
ANIMAL EXPERIMENTS/ *ANTIBODY FORMATION/ *ANTIBODY PRODUCING CELLS/ ANTIBODY SPECIFICITY/ ANTIGEN-ANTIBODY REACTIONS/ ANTIGENIC DETERMINANTS/ *BONE MARROW CELLS, immunology/ CELLS, CULTURED/ DEOXYRIBONUCLEASE, pharmacodynamics/ FEMALE/ GRAFT REJECTION, drug effects/ IMMUNOLOGIC MEMORY/ *T-LYMPHOCYTES, immunology/ MICE/ PEPTIDE HYDROLASES, pharmacodynamics/ RIBONUCLEASE, pharmacodynamics/ SPLEEN, immunology/ TETANUS TOXOID/ *THYMUS GLAND, immunology

6649. **Rubin CS, Erlichman J, Rosen OM:** Cyclic adenosine 3',5'-monophosphate-dependent protein kinase of human erythrocyte membranes.
J Biol Chem 247:6135-9, 10 Oct 72
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ AMMONIUM CHLORIDE, pharmacodynamics/ CATIONS, DIVALENT/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, enzymology/ CELL MEMBRANE, metabolism/ ENZYME ACTIVATION/ ERYTHROCYTES, cytology/ ERYTHROCYTES, drug effects/ *ERYTHROCYTES, enzymology/ ERYTHROCYTES, metabolism/ HISTONES/ HUMAN/ KINETICS/ MAGNESIUM, pharmacodynamics/ MICROPORE FILTERS/ PHOSPHORUS ISOTOPES/ *PHOSPHOTRANSFERASES, blood/ PROTAMINES/ PROTEIN BINDING/ PROTEINS/ RIBONUCLEOTIDES, pharmacodynamics/ SUBCELLULAR FRACTIONS, metabolism/ TRITIUM

6650. **Rubin H, Koide T:** Inhibition of DNA synthesis in chick embryo cultures by deprivation of either serum or zinc. J Cell Biol 56:777-86, Mar 73
ANIMAL EXPERIMENTS/ CELL MOVEMENT, drug effects/ CELLS, CULTURED/ CHICK EMBRYO/ DACTINOMYCIN, pharmacodynamics/ DNA, antagonists & inhibitors/ *DNA, biosynthesis/ EDTA, pharmacodynamics/ GLUCOSE, metabolism/ *IMMUNE SERUMS/ KINETICS/ RNA, antagonists & inhibitors/ RNA, biosynthesis/ THYMIDINE, metabolism/ TIME FACTORS/ TRITIUM/ TRYPSIN/ *ZINC, pharmacodynamics

6651. **Rubin RH, Hattwick MA, Jones S, et al:** Adverse reactions to duck embryo rabies vaccine. Range and incidence. Ann Intern Med 78:643-9, May 73
ABDOMEN/ ANAPHYLAXIS, etiology/ CHILD/ DUCKS/ EMBRYO/ ENCEPHALITIS, POST-VACCINAL/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ MYELITIS, TRANSVERSE, etiology/ NERVOUS SYSTEM DISEASES, etiology/ PAIN/ PROSPECTIVE STUDIES/ PURPURA, THROMBOPENIC, etiology/ RABIES VACCINE, administration & dosage/ *RABIES VACCINE, adverse effects/ RETROSPECTIVE STUDIES/ RUBELLA VACCINE/ SKIN DISEASES, etiology/ *VACCINATION, adverse effects

6652. **Rubin RJ, Jaeger RJ:** Some pharmacologic and toxicologic effects of di-2-ethylhexyl phthalate (DEHP) and other plasticizers.
Environ Health Perspect 3:53-9, Jan 73
ANIMAL EXPERIMENTS/ BEHAVIOR, ANIMAL, drug effects/ BLOOD PLATELETS, drug effects/ CARBON, blood/ CELLS, CULTURED/ CHICK EMBRYO/ DRUG INTERACTIONS/ HEART, drug effects/ HEXOBARBITAL, metabolism/ HEXOBARBITAL, pharmacodynamics/ LIVER, metabolism/ MICE/ MYOCARDIUM, cytology/ *PHTHALIC ACID, pharmacodynamics/ PHTHALIC ACID, toxicity/ *PLASTICS, pharmacodynamics/ PLASTICS, toxicity/ PLATELET ADHESIVENESS, drug effects/ RATS/ RETICULOENDOTHELIAL SYSTEM, drug effects/ SLEEP, drug effects

6653. **Rubin RJ, Nair PP:** Plasticizers in human tissues. N Engl J Med 288:915-6, 26 Apr 73

*BLOOD PRESERVATION, instrumentation/ *BLOOD TRANSFUSION, instrumentation/ HUMAN/ *PHTHALIC ACID, metabolism/ POLYVINYLS, adverse effects

6654. **Rubin W:** Vestibular suppressant drugs.
Arch Otolaryngol 97:135-8, Feb 73
ANTICOAGULANTS, therapeutic use/ ANTIEMETICS, therapeutic use/ ANTIHISTAMINICS, therapeutic use/ BICARBONATES, therapeutic use/ BIOFLAVONOIDS, therapeutic use/ CARBON DIOXIDE, therapeutic use/ DEXTRAN, therapeutic use/ DIURETICS, therapeutic use/ HISTAMINE, therapeutic use/ HUMAN/ HYPNOTICS AND SEDATIVES, therapeutic use/ INHALATION THERAPY/ PARASYMPATHOLYTICS, therapeutic use/ TRANQUILIZING AGENTS, therapeutic use/ VASODILATOR AGENTS, therapeutic use/ *VERTIGO, drug therapy/ VESTIBULAR APPARATUS, drug effects/ *VESTIBULAR NERVE, drug effects

6655. **Rubio CA, Sigurdson A, Zajicek J:** Viability tests in exfoliated cells from vaginal and oral epithelia.
Acta Cytol (Baltimore) 17:32-6, Jan-Feb 73
ANIMAL EXPERIMENTS/ CELL SURVIVAL/ CYTOLOGICAL TECHNICS/ *EPITHELIAL CELLS, cytology/ FEMALE/ HUMAN/ *MOUTH MUCOSA, cytology/ MUCOUS MEMBRANE, cytology/ RATS/ TEMPERATURE/ TIME FACTORS/ TRYPAN BLUE/ TRYPSIN/ *VAGINA, cytology

6656. **Ruch JV, Karcher-Djuricic V, Gerber R:** Quelques aspects du rôle de la prédentine dans la différenciation des adamantoblastes.
Arch Anat Microsc Morphol Exp 61:127-38, Apr-Jun 72 (Fre)
*AMELOBLASTS/ ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ BASEMENT MEMBRANE/ *CELL DIFFERENTIATION/ *CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ COLLAGEN/ DENTAL PULP/ *DENTINOGENESIS/ ENGLISH ABSTRACT/ EPITHELIUM/ HYALURONIDASE, pharmacodynamics/ MICE/ MICROSCOPY, ELECTRON/ MOLAR, embryology/ *ODONTOBLASTS/ *ODONTOGENESIS/ TOOTH GERM/ TRYPSIN, pharmacodynamics

6657. **Ruckdeschel JC, Peters T Jr, Lee KT:** Fibrinogen catabolism in rats fed thrombogenic diets.
Atherosclerosis 16:277-85, Nov-Dec 72
ANIMAL EXPERIMENTS/ BODY WEIGHT/ CHOLESTEROL, DIETARY/ *DIET, ATHEROGENIC/ FIBRINOGEN, analysis/ *FIBRINOGEN, metabolism/ IODINE ISOTOPES/ MALE/ RATS

6658. **Ruckley CV:** Studies in the diagnosis of venous thrombosis using 125 I-fibrinogen in surgical patients.
Br J Radiol 46:158, Feb 73
*FIBRINOGEN, diagnostic use/ HUMAN/ *IODINE ISOTOPES, DIAGNOSTIC/ POSTOPERATIVE COMPLICATIONS, diagnosis/ *THROMBOPHLEBITIS, diagnosis

6659. **Rudas B, Wick G, Cole RK:** Serum lipid pattern in chickens of the obese strain.
J Endocrinol 55:609-15, Dec 72
ANIMAL EXPERIMENTS/ BLOOD SUGAR, biosynthesis/ *CHICKENS, metabolism/ CHOLESTEROL, blood/ GLYCERIN, blood/ HEPARIN, administration & dosage/ HEPARIN, pharmacodynamics/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ INSULIN, administration & dosage/ INSULIN, pharmacodynamics/ *LIPIDS, blood/ *OBESITY, blood/ PHOSPHOLIPIDS, blood/ PROTHROMBIN TIME/ THYROXINE, pharmacodynamics

6660. **Ruddle FH:** Assignment of genes to human chromosomes by somatic cell genetics.
Birth Defects 9:188-93, Jan 73
ANIMAL EXPERIMENTS/ CHROMOSOME MAPPING/ *CHROMOSOMES/ *GENES/ GLUCOSEPHOSPHATE ISOMERASE, analysis/ HUMAN/ *HYBRID CELLS/ HYBRID CELLS, enzymology/ LINKAGE (GENETICS)/ MALATE DEHYDROGENASE, analysis/ MICE/ PENTOSYLTRANSFERASES, analysis/ PEPTIDE HYDROLASES, analysis

6661. **Rudick J, Gonda M, Rosenberg IR, et al:** Effects of a beta-adrenergic receptor stimulant (isoproterenol) on pancreatic exocrine secretion.
Surgery 74:338-43, Sep 73
ANIMAL EXPERIMENTS/ BICARBONATES, secretion/ BLOOD VOLUME, drug effects/ CHOLECYSTOKININ, pharmacodynamics/ CHYMOTRYPSIN, secretion/ DOGS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ GASTRIC FISTULA/ INFUSIONS, PARENTERAL/ ISOPROTERENOL, administration & dosage/ ISOPROTERENOL, antagonists & inhibitors/ *ISOPROTERENOL, pharmacodynamics/ *PANCREAS, secretion/ PANCREATIC FISTULA/ PANCREATOPEPTIDASE, secretion/ PANCREOZYMIN, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ SECRETIN, pharmacodynamics/ TRYPSIN, secretion

6662. **Rudkowski Z, Prandota A:** Przypadek agammaglobulinemii wrodzonej z okresową limfocytopenią hipoprotrombinemią i zapaleniem stawów obserwowany przez 8 lat.
Pediatr Pol 47:1523-7, Dec 72 (Pol)
AGAMMAGLOBULINEMIA, complications/ *AGAMMAGLOBULINEMIA, congenital/ *ARTHRITIS, complications/ CHILD/ CHILD, PRESCHOOL/ HUMAN/ *HYPOPROTHROMBINEMIAS, complications/ INFANT/ *LYMPHOPENIA, complications/ MALE

6663. **Rudman D, Del Rio AE, Hollins BM, et al:** Melanotropic-lipolytic peptides in various regions of bovine, simian and human brains and in simian and human cerebrospinal fluids.
Endocrinology 92:372-9, Feb 73
ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY/ CATTLE/ CAUDATE NUCLEUS, analysis/ CEREBELLUM, analysis/ CEREBRAL CORTEX, analysis/ CHOROID PLEXUS, analysis/ CHROMATOGRAPHY/ CHROMATOGRAPHY, PAPER/ FATTY ACIDS, metabolism/ FROGS/ HIPPOCAMPUS, analysis/ HUMAN/ HYPOTHALAMUS, analysis/ MACACA/ MELANIN/ MONKEYS/ *PEPTIDES, analysis/ PEPTIDES, cerebrospinal fluid/ PINEAL BODY, analysis/ PITUITARY GLAND, analysis/ PONS, analysis/ PRECIPITATION/ SUBSTANTIA NIGRA, analysis/ THALAMUS, analysis/ TISSUE EXTRACTS, analysis/ TRYPSIN

6664. **Rudman D, Galambos JT, Smith RB 3d, et al:** Comparison of the effect of various amino acids upon the blood ammonia concentration of patients with liver disease. Am J Clin Nutr 26:916-25, Sep 73
ADMINISTRATION, ORAL/ ADULT/ *ALCOHOLISM, blood/ AMINO ACIDS, administration & dosage/ *AMINO ACIDS, blood/ *AMMONIA, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG SYNERGISM/ *FATTY LIVER, blood/ FEMALE/ HEMATOCRIT/ HUMAN/ INJECTIONS, INTRAVENOUS/ *LIVER CIRRHOSIS, blood/ MALE/ MIDDLE AGE/ NEOMYCIN, pharmacodynamics/ NITROGEN, blood/ PROTHROMBIN TIME/ SERUM ALBUMIN, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ UREA, administration & dosage/ UREA, pharmacodynamics

6665. **Rudolph W, Schinz A:** Postoperative Letalität nach Mitralklappenersatz.
Thoraxchirurgie 20:339-46, Oct 72 (Ger)
ANTICOAGULANTS, adverse effects/ ENDOCARDITIS, BACTERIAL, etiology/ HEART FAILURE, CONGESTIVE, etiology/

*HEART VALVE PROSTHESIS, adverse effects/ HEMORRHAGE, chemically induced/ HUMAN/ *MITRAL VALVE, surgery/ *MITRAL VALVE STENOSIS, mortality/ MITRAL VALVE STENOSIS, surgery/ POSTOPERATIVE COMPLICATIONS/ PROGNOSIS/ THROMBOEMBOLISM, etiology/ TIME FACTORS

6666. **Rudowski W:** Postępy w profilaktyce, leczeniu i operacjach u chorych z hemofilia.
Przegl Lek 30:489-93, 1973 (Pol)
FACTOR VIII, therapeutic use/ HEMOPHILIA/ HEMOPHILIA, complications/ HEMOPHILIA, drug therapy/ HEMOPHILIA, prevention & control/ HEMOPHILIA, therapy/ HUMAN/ *SURGERY, OPERATIVE

6667. **Rudowski W, Czechowska Z, Mościcka M, et al:** Experimentelle posttraumatische Venenthrombose bei Kaninchen.
Z Exp Chir 4:267-75, 1971 (Ger)
ANIMAL EXPERIMENTS/ *CONTUSIONS, complications/ DEXTRAN, administration & dosage/ DEXTRAN, pharmacodynamics/ DEXTRAN, therapeutic use/ DISEASE MODELS, ANIMAL/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS, drug effects/ INJECTIONS, INTRAVENOUS/ MALE/ PLATELET ADHESIVENESS, drug effects/ RABBITS/ THROMBOPHLEBITIS, drug therapy/ *THROMBOPHLEBITIS, etiology

6668. **Rudowski WJ, Ziemski JM:** Extensive surgical procedures in patients with hemophilia A.
Surg Gynecol Obstet 135:571-6, Oct 72
ADOLESCENCE/ ADULT/ AGED/ BLOOD COAGULATION TESTS/ *BLOOD TRANSFUSION/ CHILD/ FACTOR VIII/ *HEMOPHILIA, complications/ HUMAN/ MALE/ MIDDLE AGE/ MONITORING SYSTEMS/ PLASMA/ PLASMA SUBSTITUTES/ *SURGERY, OPERATIVE

6669. **Rudy LW Jr, Heymann MA, Edmunds LH Jr:** Distribution of systemic blood flow during cardiopulmonary bypass.
J Appl Physiol 34:194-200, Feb 73
ADRENAL GLANDS, blood supply/ ANIMAL EXPERIMENTS/ ARM, blood supply/ BLOOD VISCOSITY/ BONE AND BONES, blood supply/ CARDIAC OUTPUT/ CEREBROVASCULAR CIRCULATION/ CORONARY CIRCULATION/ *EXTRACORPOREAL CIRCULATION/ HEART, physiopathology/ HEMATOCRIT/ INTESTINES, blood supply/ KIDNEY, blood supply/ LEG, blood supply/ MACACA/ MICROSPHERES/ MONKEYS/ *REGIONAL BLOOD FLOW/ STOMACH, blood supply/ TIME FACTORS/ VENTRICULAR FIBRILLATION, physiopathology

6670. **Ruff MD, Read CP:** Inhibition of pancreatic lipase by Hymenolepis diminuta. J Parasitol 59:105-11, Feb 73
ANIMAL EXPERIMENTS/ ARGININE, pharmacodynamics/ ASPARTIC ACID, pharmacodynamics/ *CESTODA/ CESTODA, metabolism/ CULTURE MEDIA/ FLUORESCENCE SPECTROMETRY/ HEPARIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ LIPASE, analysis/ *LIPASE, antagonists & inhibitors/ LIPASE, metabolism/ MALE/ METHODS/ *PANCREAS, enzymology/ PEPTIDES, pharmacodynamics/ RATS/ RNA, pharmacodynamics/ TIME FACTORS/ TRICHLOROACETIC ACID/ TRIOLEIN

6671. **Rühlmann A, Kukla D, Schwager P, et al:** Structure of the complex formed by bovine trypsin and bovine pancreatic trypsin inhibitor. Crystal structure determination and stereochemistry of the contact region. J Mol Biol 77:417-36, 5 Jul 73
ALANINE/ ASPARTIC ACID/ BINDING SITES/ CATTLE/ FOURIER ANALYSIS/ GLYCINE/ HISTIDINE/ KINETICS/ LYSINE/ MODELS, STRUCTURAL/ *PANCREAS, enzymology/ *PROTEIN CONFORMATION/ SERINE/ *TRYPSIN/ *TRYPSIN INHIBITORS/ X-RAY DIFFRACTION

6672. **Rühlmann A, Schramm HJ, Kukla D, et al:** Pancreatic trypsin inhibitor (Kunitz). II. Complexes with proteinases.
Cold Spring Harbor Symp Quant Biol 36:148-50, 1971
CATTLE/ CHYMOTRYPSIN/ CRYSTALLIZATION/ *PANCREAS/ *PEPTIDE HYDROLASES/ PROTEIN BINDING/ TRYPSIN/ *TRYPSIN INHIBITORS

6673. **Ruiz E, Haglin JJ, Hitchcock CR:** Anemia and hyperbaric oxygenation in dogs subjected to coronary artery ligations. J Surg Res 13:339-48, Dec 72
ANIMAL EXPERIMENTS/ ARTERIES, surgery/ *BLOOD VISCOSITY/ CARDIAC OUTPUT/ *CORONARY DISEASE, therapy/ *CORONARY VESSELS, surgery/ *DEXTRAN, therapeutic use/ DOGS/ HEMOGLOBIN/ *HYPERBARIC OXYGENATION/ LIGATION/ VENTRICULAR FIBRILLATION, etiology

6674. **Rullière R, Samama M, Fontaine JL, et al:** Embolie pulmonaire massive au cours d'une pneumonie tuberculeuse bacillifère. Remarquables effets de la streptokinase.
Ann Med Interne (Paris) 124:239-46, Mar 73 (Fre)
ADULT/ ANGIOGRAPHY/ ELECTROCARDIOGRAPHY/ ETHAMBUTOL, therapeutic use/ HEMATOMA, etiology/ HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ ISONIAZID, therapeutic use/ MALE/ PHLEBITIS, complications/ PHLEBITIS, drug therapy/ PHLEBOGRAPHY/ *PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/ RADIOISOTOPE SCANNING/ RIFAMYCINS, therapeutic use/ *STREPTOKINASE, therapeutic use/ TACHYCARDIA, etiology/ *TUBERCULOSIS, PULMONARY, complications/ TUBERCULOSIS, PULMONARY, drug therapy/ VENA CAVA, INFERIOR, surgery/ VITAMIN K, therapeutic use

6675. **Rummel DP, Noller HF:** Use of protection of 30S ribosomal proteins by tRNA for functional mapping of the E. coli ribosome.
Nature [New Biol] 245:72-5, 19 Sep 73
BACTERIAL PROTEINS, analysis/ BACTERIAL PROTEINS, metabolism/ BINDING SITES/ CARBON ISOTOPES/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ESCHERICHIA COLI, cytology/ HYDROLYSIS/ MOLECULAR WEIGHT/ POLY U, metabolism/ PROTEIN BINDING/ RIBOSOMES, analysis/ RIBOSOMES, metabolism/ *RIBOSOMES, metabolism/ RNA, MESSENGER, metabolism/ *RNA, TRANSFER, metabolism/ SPECTROPHOTOMETRY/ *TRANSLATION, GENETIC/ TRYPSIN, metabolism

6676. **Runcan V, Jovin G, Suseanu I, et al:** Combined scintigraphy with two or three radioactive compounds in the diagnosis of abdominal masses and of lacunai images of the liver scan.
Rev Roum Med Intern 9:107-10, 1972
*COLLOIDS/ ECHINOCOCCOSIS, HEPATIC, diagnosis/ FATTY LIVER, diagnosis/ HEMANGIOMA, diagnosis/ HEPATITIS, diagnosis/ HUMAN/ *INDIUM, diagnostic use/ *IODINE ISOTOPES, DIAGNOSTIC/ LIVER CIRRHOSIS, diagnosis/ *LIVER DISEASES, diagnosis/ *LIVER NEOPLASMS, diagnosis/ METHODS/ *RADIOISOTOPE SCANNING/ ROSE BENGAL

6677. **Ruoff M, Ranson JH:** Persistent hypercoagulability after venous mesenteric infarction and oral contraceptive. NY State J Med 73:791-3, 15 Mar 73
ADULT/ *BLOOD COAGULATION DISORDERS, chemically induced/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ INFARCTION, chemically induced/ *MESENTERIC VASCULAR OCCLUSION, chemically induced/ *MESENTERIC VEINS

6678. **Ruprecht KW, Rassow B:** Argon-Laser Coagulation der Kanincheniris. Schwellenwertbestimmungen und rasterelektronenmikroskopische Befunde. Albrecht von Graefes Arch Klin Ophthalmol 187:311-26, 1973 (Ger)
ADHESIONS/ ANIMAL EXPERIMENTS/ ARGON/ ENGLISH ABSTRACT/ FIBRIN/ *IRIS, injuries/ IRIS, pathology/ *LASER COAGULATION, adverse effects/ LENS, CRYSTALLINE, pathology/ LYMPHOCYTES/ METHODS/ MICROSCOPY, ELECTRON, SCANNING/ RABBITS

6679. **Rushton DI:** The placenta--an environmental problem. Br Med J 1:344-8, 10 Feb 73
ABORTION/ DECIDUA/ ENDOMETRITIS, pathology/ *ENVIRONMENT/ ESTRIOL, urine/ ESTROGENS, metabolism/ FEMALE/ FIBRIN/ GENETICS/ GONADOTROPINS, CHORIONIC/ HEMATOMA/ HUMAN/ IMMUNOLOGY/ MATERNAL-FETAL EXCHANGE/ MYOCARDIAL INFARCT/ *PLACENTA/ PLACENTA, anatomy & histology/ PLACENTA DISORDERS, pathology/ PREGNANCY/ PREGNANCY, PROLONGED/ STAINS AND STAINING/ THROMBOSIS/ TROPHOBLAST

6680. **Rusiaev VF, Kuksinskiĭ VE:** Izuchenie deĭstviia élektromagnitnogo polia na koagulogicheskie i fibrinoliticheskie svoĭstva krovi. Biofizika 18:160-3, Jan-Feb 73 (Rus)
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ DOGS/ *ELECTROMAGNETICS/ ENGLISH ABSTRACT/ *FIBRINOLYSIS

6681. **Russell ES:** Anesthesia and obstetric outcome. Int Anesthesiol Clin 11:1-15, Summer 73
*ANESTHESIA, GENERAL, adverse effects/ *ANESTHESIA, OBSTETRICAL, adverse effects/ ASPIRATION/ EMBOLISM, AMNIOTIC FLUID/ FEMALE/ HEMORRHAGE, POSTPARTUM/ HUMAN/ HYPOTENSION, etiology/ INFANT/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, etiology/ LABOR COMPLICATIONS/ PREGNANCY/ RESPIRATORY PARALYSIS, etiology/ UTERINE HEMORRHAGE

6682. **Russell ES, Blake SL, McFarland EC:** Characterization and strain distribution of four alleles at the hemoglobin -chain structural locus in the mouse. Biochem Genet 7:313-30, Dec 72
ALLELES/ ANIMAL EXPERIMENTS/ CARBON MONOXIDE/ CHROMATOGRAPHY, PAPER/ *GENES, STRUCTURAL/ GLOBIN, analysis/ *HEMOGLOBIN/ HYDROGEN-ION CONCENTRATION/ MACROMOLECULAR SYSTEMS/ METHODS/ MICE/ MICE, INBRED STRAINS/ PEPTIDES, isolation & purification/ PHENOTYPE/ POLYMORPHISM (GENETICS)/ SOLUBILITY/ TRYPSIN

6683. **Russell T, Pastan I:** Plasma membrane cyclic adenosine 3':5'-monophosphate phosphodiesterase of cultured cells and its modification after trypsin treatment of intact cells. J Biol Chem 248:5835-40, 25 Aug 73
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ ANIMAL EXPERIMENTS/ CELL FRACTIONATION/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, enzymology/ CELL NUCLEUS, enzymology/ CELLS, CULTURED/ CENTRIFUGATION/ CHICK EMBRYO/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DNA, biosynthesis/ FIBROBLASTS, drug effects/ *FIBROBLASTS, enzymology/ FIBROBLASTS, metabolism/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE/ MICROSOMES, enzymology/ MITOCHONDRIA, enzymology/ *PHOSPHODIESTERASES, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ THYMIDINE, metabolism/ TRITIUM/ TRYPSIN, pharmacodynamics

6684. **Russell TR, Terasaki WL, Appleman MM:** Separate phosphodiesterases for the hydrolysis of cyclic adenosine 3',5'-monophosphate and cyclic guanosine 3',5'-monophosphate in rat liver. J Biol Chem 248:1334-40, 25 Feb 73
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ ANIMAL EXPERIMENTS/ CELL FRACTIONATION/ CHROMATOGRAPHY, DEAE-CELLULOSE/ COMPUTERS, DIGITAL/ ENZYME ACTIVATION/ *GUANOSINE CYCLIC 3',5' MONOPHOSPHATE/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ KINETICS/ LIVER, cytology/ *LIVER, enzymology/ MATHEMATICS/ PHOSPHODIESTERASES, antagonists & inhibitors/ *PHOSPHODIESTERASES, isolation & purification/ RATS/ SOLUBILITY/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN INHIBITORS/ ULTRACENTRIFUGATION/ VIBRATION

6685. **Russell WC, Shekel JJ, Machado R, et al:** Phosphorylated polypeptides in adenovirus-infected cells. Virology 50:931-4, Dec 72
*ADENOVIRUS, growth & development/ ADENOVIRUS, metabolism/ ALKALINE PHOSPHATASE/ AUTORADIOGRAPHY/ CELL LINE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CLONE CELLS/ DEOXYRIBONUCLEASE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HUMAN/ KIDNEY, embryology/ *PHOSPHOPEPTIDES, analysis/ PHOSPHOPEPTIDES, biosynthesis/ PHOSPHORUS ISOTOPES/ RIBONUCLEASE/ SULFUR ISOTOPES/ TRYPSIN/ *VIRAL PROTEINS, analysis/ VIRAL PROTEINS, biosynthesis

6686. **Rutberg RA:** Kolichestvennyi metod opredeleniia soderzhaniia faktora VIII v plazme i antigemofil'nykh preparatakh. Lab Delo 11:658-63, 1972 (Rus)
*FACTOR XIII, analysis/ MATHEMATICS/ METHODS/ TIME FACTORS

6687. **Rutgeerts L, Tytgat G, Eggermont E:** Human enterokinase. Tijdschr Gastroenterol 15:379-84, 1972
ALKALINE PHOSPHATASE, secretion/ *DUODENUM, secretion/ HUMAN/ INTESTINAL DISEASES, enzymology/ *INTESTINAL SECRETIONS, enzymology/ *PEPTIDE PEPTIDOHYDROLASES, secretion

6688. **Rutllant ML, Gimferrer E, Viñas J:** Déficit congénito del factor XII. Sangre (Barc) 18:102-10, 1973 (Spa)
ADULT/ ENGLISH ABSTRACT/ *FACTOR XIII DEFICIENCY, congenital/ FACTOR XIII DEFICIENCY, familial & genetic/ FEMALE/ HUMAN/ MALE/ PEDIGREE

6689. **Rütte B von, Heinrich G, Wilhelmi E:** Zur medikamentösen Beeinflussung entzündlich-fibroplastischer Prozesse bei urologischen Affektionen und uroplastischen Eingriffen. Praxis 61:1613-9, 26 Dec 72 (Ger)
ADHESIONS, prevention & control/ ADULT/ CLINICAL RESEARCH/ DRUG COMBINATIONS/ FEMALE/ HUMAN/ INFLAMMATION, prevention & control/ MALE/ *OXYPHENBUTAZONE, therapeutic use/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *PREDNISOLONE, therapeutic use/ *UROLOGIC DISEASES, surgery

6690. **Ruxin RL, Bidder TG, Agle DP:** The influence of autonomic arousal on blood clotting time in patients receiving electroconvulsive treatments. J Psychosom Res 16:185-92, Jun 72
*AROUSAL/ BLOOD PRESSURE DETERMINATION/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HEART RATE/ HEMOSTASIS/ HUMAN/ MALE/ *PROTHROMBIN TIME/ PULSE/ *SHOCK THERAPY, ELECTRIC/ *STRESS, PSYCHOLOGICAL/ VASCULAR DISEASES, etiology

6691. **Ruzin GP, Perekhoda VN:** Primenenie priamogo perelivaniia krovi pri krovotechenii posle operatsii udaleniia zuba u bol'nykh gemofiliei. Stomatologiia (Mosk) 52:81, May-Jun 73 (Rus)
*BLOOD TRANSFUSION/ *HEMOPHILIA/ *HEMORRHAGE, ORAL/ *TOOTH EXTRACTION

6692. **Ryan GB, Grobéty J, Majno G:** Mesothelial injury and recovery. Am J Pathol 71:93-112, Apr 73
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ CECUM, growth & development/ *CECUM, pathology/ CELL ADHESION/ CELL DIFFERENTIATION/ EPITHELIUM, growth & development/ FIBRINOLYSIS/ ISOTONIC SOLUTIONS/ MALE/ MICROSCOPY, ELECTRON/ PERITONEUM, growth & development/ *PERITONEUM, pathology/ RATS/ *REGENERATION/ STAINS AND STAINING/ WOUND HEALING

6693. **Ryan GM, Exelby P, Goldiner PL, et al:** Neonatal hamartoma with consumption coagulopathy. NY State J Med 72:3010-2, 15 Dec 72
*DISSEMINATED INTRAVASCULAR COAGULATION/ FEMALE/ *HAMARTOMA/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ *LIVER DISEASES

6694. **Ryan GM, Howland WS, Goldiner PL, et al:** Regulation of coagulation during prolonged perfusions using membrane oxygenation.
Mt Sinai J Med NY 40:135-45, Mar-Apr 73
ADOLESCENCE/ ADULT/ AGED/ *BLOOD COAGULATION/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ *EXTRACORPOREAL CIRCULATION/ FEMALE/ *HEART, MECHANICAL/ HUMAN/ LONG TERM CARE/ MALE/ *MEMBRANES, ARTIFICIAL/ MIDDLE AGE/ OXYGENATORS, MEMBRANE

6695. **Ryan GM, Schweizer O, Howland WS:** Problems in blood coagulation. Clin Anesth 9:75-100, 1972
ANESTHESIA, GENERAL/ BLOOD COAGULATION DISORDERS, chemically induced/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD PLATELETS/ BLOOD TRANSFUSION, adverse effects/ COUMARINS, adverse effects/ DEXTRAN, adverse effects/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ERYTHROCYTES/ EXTRACORPOREAL CIRCULATION, adverse effects/ FEMALE/ HEPARIN, adverse effects/ HUMAN/ LEUKOCYTES/ LIVER DISEASES, complications/ *NEOPLASMS, surgery/ POSTOPERATIVE COMPLICATIONS/ PREGNANCY/ PREGNANCY COMPLICATIONS/ THROMBELASTOGRAPHY/ UREMIA, complications

6696. **Ryan JN, Woessner JF Jr:** Oestradiol inhibits collagen breakdown in the involuting rat uterus.
Biochem J 127:705-13, May 72
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CATHEPSIN/ CENTRIFUGATION, DENSITY GRADIENT/ *COLLAGEN, metabolism/ *ESTRADIOL, pharmacodynamics/ FEMALE/ HYDROXYPROLINE, metabolism/ LYSOSOMES/ PEPTIDE HYDROLASES, metabolism/ PROLINE, metabolism/ RATS/ UTERUS, drug effects/ UTERUS, enzymology/ *UTERUS, metabolism

6697. **Ryan MT:** Influence of steroid binding on the tryptic hydrolysis of serum albumin.
Biochemistry 12:2221-30, 5 Jun 73
ANDROSTANES, pharmacodynamics/ ANDROSTENES, pharmacodynamics/ ANDROSTERONE, pharmacodynamics/ BINDING SITES/ CALCIUM, pharmacodynamics/ CARBON ISOTOPES/ CATTLE/ CHOLESTENES, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ GEL FILTRATION/ HUMAN/ HYDROCORTISONE, pharmacodynamics/ HYDROLYSIS/ KINETICS/ LIGANDS/ PREGNANEDIOL, pharmacodynamics/ PROGESTERONE, pharmacodynamics/ PROTEIN BINDING/ PROTEIN DENATURATION/ *SERUM ALBUMIN, metabolism/ *SERUM ALBUMIN, BOVINE, metabolism/ *STEROIDS, pharmacodynamics/ TESTOSTERONE, pharmacodynamics/ TRITIUM/ *TRYPSIN, metabolism

6698. **Rybák M, Mansfeld V, Genzová H:** Peptidázová aktivita v koncentrátech lidských imunoglobulinů a její vliv na stabilitu injekčních roztoků.
Cesk Farm 22:120-5, Apr 73 (Cze)
ARGININE/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ HYDROLYSIS/ IMMUNOELECTROPHORESIS/ *IMMUNOGLOBULINS, analysis/ INJECTIONS/ KININS, isolation & purification/ *PEPTIDE HYDROLASES, metabolism/ SOLUTIONS/ TOSYL COMPOUNDS

6699. **Rybakov AI, Kulikova VS, Terekhova NV, et al:** Soderzhanie geparina v krovi bol'nykh khronicheskim retsidivirulushchim aftoznym stomatitom.
Stomatologiia (Mosk) 51:38-40, May-Jun 72 (Rus)
CHRONIC DISEASE/ ENGLISH ABSTRACT/ *HEPARIN, blood/ HUMAN/ *STOMATITIS, APHTHOUS, blood/ STOMATITIS, APHTHOUS, immunology

6700. **Rybakov VK, Gurkova EN:** K voprosu ob apparatnoĭ koagulografii.
Ter Arkh 44:63-7, Sep 72 (Rus)
ADULT/ AGED/ ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, diagnosis/ BLOOD COAGULATION/ *BLOOD COAGULATION TESTS, instrumentation/ CAPILLARIES/ CORONARY DISEASE, blood/ CORONARY DISEASE, diagnosis/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ HUMAN/ VEINS

6701. **Rybina OF:** Tkanevye faktory svertyvaniia krovi v nebnykh mindalinakh cheloveka.
Vestn Otorinolaringol 35:61-3, Mar-Apr 73 (Rus)
*BLOOD COAGULATION FACTORS, analysis/ ENGLISH ABSTRACT/ FACTOR XIII, analysis/ FIBRINOLYSIN, analysis/ HEPARIN ANTAGONISTS, analysis/ HUMAN/ PLASMINOGEN, analysis/ THROMBOPLASTIN, analysis/ TONSIL, analysis/ *TONSIL, blood supply

6702. **Rybo G, Westerberg H:** The effect of tranexamic acid (AMCA) on postoperative bleeding after conization.
Acta Obstet Gynecol Scand 51:347-50, 1972
ADULT/ AMINOCAPROIC ACID, therapeutic use/ ANTIFIBRINOLYTIC AGENTS, therapeutic use/ CERVIX DISEASES, surgery/ CERVIX NEOPLASMS, surgery/ CLINICAL RESEARCH/ CYCLOHEXANECARBOXYLIC ACIDS, administration & dosage/ *CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ FEMALE/ HUMAN/ MIDDLE AGE/ PLACEBOS/ TAMPONS/ TIME FACTORS/ *UTERINE HEMORRHAGE, drug therapy

6703. **Rygh P, Selvig KA:** Erythrocyte crystallization in rat molar periodontium incident to tooth movement.
Scand J Dent Res 81:62-73, 1973
ANIMAL EXPERIMENTS/ CRYSTALLIZATION/ *ERYTHROCYTES, metabolism/ FEMALE/ HEMOGLOBIN, metabolism/ HEMOSTASIS/ MALE/ MICROSCOPY, ELECTRON/ MOLAR/ ORTHODONTIC APPLIANCES/ *PERIODONTAL LIGAMENT, metabolism/ *PERIODONTIUM, blood supply/ PERIODONTIUM, pathology/ PRESSURE, adverse effects/ RATS/ *TOOTH MOVEMENT, MINOR

6704. **Ryšavý F, Hule V:** Příspěvek k problematice trombolytické léčby.
Vnitr Lek 18:849-54, Sep 72 (Cze)
ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PREGNANCY/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, drug therapy/ *STREPTOKINASE, therapeutic use/ *THROMBOEMBOLISM, drug therapy

6705. **Rywik S, Korewicki J:** Cele i zadania postępowania prewencyjnego w chorobie wieńcowej.
Kardiol Pol 16:241-5, 1973 (22 ref.) (Pol)
BODY CONSTITUTION/ CORONARY CARE UNITS/ CORONARY DISEASE, etiology/ CORONARY DISEASE, mortality/ CORONARY DISEASE, occurrence/ *CORONARY DISEASE, prevention & control/ DIET, ATHEROGENIC/

FEMALE/ FIRST AID/ HEALTH SURVEYS/ HUMAN/ HYPERCHOLESTEREMIA, complications/ HYPERTENSION, complications/ MALE/ MYOCARDIAL INFARCT, prevention & control/ OBESITY, complications/ RESEARCH SUPPORT/ REVIEW/ SEX FACTORS/ SMOKING, complications/ STRESS/ WORLD HEALTH ORGANIZATION

6706. **Ryzhkov SV, Siroko IA, Kulysov VP:** Ob opasnosti vozdushnogo infitsirovaniia krovi pri ee zagotovke.
Voen Med Zh 8:45-7, Aug 72 **(Rus)**
*AIR MICROBIOLOGY/ *BLOOD PRESERVATION

S

6707. **Sá ML de:** Conduta e normas gerais para prevencão de hemorragias em pacientes indicados para cirurgia.
Rev Bras Odontol 29:327-30, Nov-Dec 72 **(Por)**
BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ HEMORRHAGE, ORAL, prevention & control/ SPECIAL LIST DENTAL/ SURGERY, ORAL

6708. **Saad EA:** Estudos sobre o uso de fibrinolíticos no tratamento do enfarte agudo do miocárdio. I. Fundamentos, possibilidades e limitações.
Arq Bras Cardiol 25:427-38, Oct 72 **(Por)**
ACUTE DISEASE/ HUMAN/ INJECTIONS, INTRAVENOUS/ *MYOCARDIAL INFARCT, drug therapy/ STREPTOKINASE, administration & dosage/ STREPTOKINASE, adverse effects/ *STREPTOKINASE, therapeutic use

6709. **Saad EA, Kastansky I, Salek R:** Estudo sobre o uso de fibrinolíticos no tratamento do enfarte agudo do miocárdio. II. Experiência pessoal.
Arq Bras Cardiol 25:491-502, Dec 72 **(Por)**
ACUTE DISEASE/ ADULT/ AGED/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ HEART RATE, drug effects/ HUMAN/ INJECTIONS, INTRAVENOUS/ MIDDLE AGE/ *MYOCARDIAL INFARCT, drug therapy/ STREPTOKINASE, administration & dosage/ STREPTOKINASE, adverse effects/ *STREPTOKINASE, therapeutic use

6710. **Saakov BA, Poliak AI, Rumbesht LM:** K mekhanizmu formirovaniia nekotorykh istinnykh i lozhnykh allergic heskikh reaktsiĭ.
Biull Eksp Biol Med 73:28-35, Sep 72 **(Rus)**
ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ *ARTHUS PHENOMENON, immunology/ BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ 11-HYDROXYCORTICOSTEROIDS, blood/ *HYPOTHALAMUS, physiology/ MALE/ PRECIPITINS, analysis/ RABBITS/ *SHWARTZMAN PHENOMENON, immunology

6711. **Saari M:** Studies on the vasculature and myelinated nerves of the pig iris.
Acta Ophthalmol [Suppl] (Kbh) 118:3-35, 1972
ANIMAL EXPERIMENTS/ *ARTERIES, cytology/ BASEMENT MEMBRANE, cytology/ *CAPILLARIES, cytology/ CHOROID, blood supply/ CILIARY BODY, blood supply/ CILIARY BODY, innervation/ CONNECTIVE TISSUE, cytology/ FEMALE/ *IRIS, blood supply/ *IRIS, innervation/ MALE/ METHODS/ MICROCIRCULATION/ MICROSCOPY, ELECTRON/ MUSCLE, SMOOTH, cytology/ MYELIN SHEATH/ NERVE FIBERS, MYELINATED/ *NEURONS, cytology/ OXALATES/ POTASSIUM PERMANGANATE/ STAINS AND STAINING/ SWINE/ TRYPSIN

6712. **Saba HI, Herion JC, Walker RI, et al:** The procoagulant activity of granulocytes.
Proc Soc Exp Biol Med 142:614-20, Feb 73
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ *BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CELL FRACTIONATION/ CHRISTMAS DISEASE, blood/ FACTOR V DEFICIENCY, blood/ FACTOR XI DEFICIENCY, blood/ FACTOR XII/ HEMOPHILIA, blood/ HUMAN/ HYPOPROCONVERTINEMIA, blood/ HYPOPROTHROMBINEMIAS, blood/ LEUKOCYTES, cytology/ *LEUKOCYTES, physiology/ LYMPHOCYTES, physiology/ LYSOSOMES, physiology/ PLASMA/ RABBITS

6713. **Sabelnikov AG, Ditjatkin SJ, Iljashenko BN:** About the role of protamine in transfection.
Biochim Biophys Acta 299:492-5, 28 Mar 73
ADSORPTION/ BACTERIOLYSIS/ CARBON ISOTOPES/ CELL MEMBRANE/ CELL WALL/ CENTRIFUGATION/ *COLIPHAGES/ DNA, BACTERIAL/ *DNA, VIRAL, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *ESCHERICHIA COLI/ ESCHERICHIA COLI, drug effects/ MACROMOLECULAR SYSTEMS/ MICROPORE FILTERS/ PERMEABILITY/ PROTAMINES, administration & dosage/ *PROTAMINES, pharmacodynamics/ PROTAMINES, physiology/ PROTEIN BINDING/ SPHEROPLASTS, drug effects/ *TRANSFORMATION, GENETIC, drug effects

6714. **Sabety AM:** Treatment of recurrent pulmonary emboli.
J Med Soc NJ 70:110-2, Feb 73
ANTICOAGULANTS, therapeutic use/ HUMAN/ PULMONARY EMBOLISM, drug therapy/ *PULMONARY EMBOLISM, surgery/ RECURRENCE

6715. **Sacco AG, Shivers CA:** Effects of reproductive tissue-specific antisera on rabbit eggs.
Biol Reprod 8:481-90, May 73
ANIMAL EXPERIMENTS/ FEMALE/ GONADOTROPINS, EQUINE, pharmacodynamics/ HYALURONIDASE, metabolism/ *IMMUNE SERUMS/ KIDNEY, immunology/ *OVARY, immunology/ *OVIDUCTS, immunology/ OVULATION, drug effects/ OVUM, enzymology/ *OVUM, immunology/ PITUITARY GLAND, immunology/ RABBITS/ SPLEEN, immunology/ TIME FACTORS/ TRYPSIN, metabolism/ *UTERUS, immunology

6716. **Sachs HG, McDonald TF, DeHaan RL:** Tetrodotoxin sensitivity of cultured embryonic heart cells depends on cell interactions.
J Cell Biol 56:255-8, Jan 73
ANIMAL EXPERIMENTS/ CELL AGGREGATION/ CELLS, CULTURED/ CHICK EMBRYO/ *HEART, drug effects/ HEART, embryology/ PROTEINS, biosynthesis/ TETRODOTOXIN, administration & dosage/ *TETRODOTOXIN, pharmacodynamics/ TIME FACTORS/ TRYPSIN, pharmacodynamics

6717. **Sack ES, Glanczpigel R:** Studies on blood platelet release reaction. I. Acid phosphatase availability.
Medicina (B Aires) 32:373-81, Jul-Aug 72 **(Spa)**
*ACID PHOSPHATASE, blood/ *BLOOD PLATELETS, enzymology/ ENGLISH ABSTRACT/ HUMAN/ *PLATELET ADHESIVENESS/ *THROMBOSIS, enzymology

6718. **Sackler JP, Liu L:** Heparin-induced osteoporosis.
Br J Radiol 46:548-50, Jul 73
ADOLESCENCE/ FRACTURES, etiology/ *HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ LUNG, blood supply/ LUNG DISEASES, drug therapy/ MALE/ *OSTEOPOROSIS, chemically induced/ OSTEOPOROSIS, radiography/ PULMONARY VEINS/ SPINAL INJURIES, etiology/ THORACIC VERTEBRAE, radiography

6719. **Sacks P, Gale D, Bothwell TH, et al:** Oxymetholone therapy in aplastic and other refractory anaemias.
S Afr Med J 46:1607-15, 28 Oct 72
ADOLESCENCE/ ADULT/ AGED/ ANEMIA, APLASTIC, complications/ *ANEMIA, APLASTIC, drug therapy/ ANEMIA, APLASTIC, mortality/ ANEMIA, SIDEROBLASTIC, complications/ *ANEMIA, SIDEROBLASTIC, drug therapy/ BLOOD CELL COUNT/ BLOOD PLATELETS/ FEMALE/ HEMOGLOBIN, analysis/ HEMORRHAGE, drug therapy/ HUMAN/ JAUNDICE, chemically induced/ LEUKEMIA, MYELOBLASTIC,

etiology/ LYMPHOSARCOMA, etiology/ MALE/ MIDDLE AGE/ MYELOFIBROSIS, complications/ MYELOFIBROSIS, drug therapy/ OXYMETHOLONE, adverse effects/ *OXYMETHOLONE, therapeutic use/ TESTOSTERONE, therapeutic use

6720. **Sacks P, Jacobs P, Gale D, et al:** Combination chemotherapy in the treatment of advanced Hodgkin's disease. S Afr Med J 47:903-7, 2 Jun 73
ADOLESCENCE/ ADULT/ AGED/ *ANTINEOPLASTIC AGENTS, therapeutic use/ *BENZOATES, therapeutic use/ FEMALE/ *HODGKIN'S DISEASE, drug therapy/ HODGKIN'S DISEASE, pathology/ HODGKIN'S DISEASE, radiotherapy/ HUMAN/ LEUKOPENIA, chemically induced/ MALE/ MIDDLE AGE/ NITROGEN MUSTARD COMPOUNDS, adverse effects/ *NITROGEN MUSTARD COMPOUNDS, therapeutic use/ PERIPHERAL NERVE DISEASES, chemically induced/ PREDNISONE, adverse effects/ *PREDNISONE, therapeutic use/ PROCARBAZINE, adverse effects/ PROCARBAZINE, therapeutic use/ REMISSION/ THROMBOPENIA, chemically induced/ TIME FACTORS/ VINBLASTINE, adverse effects/ *VINBLASTINE, therapeutic use/ VINCRISTINE, adverse effects/ *VINCRISTINE, therapeutic use

6721. **Sadoian VS, Asatrian AV, Chalabian SM, et al:** Otdalennye rezul'taty lecheniia bol'nykh koronarnym ateroskleroz om.
Vrach Delo 3:40-3, Mar 73 (Rus)
ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, therapy/ BLOOD COAGULATION/ BLOOD PRESSURE DETERMINATION/ CORONARY DISEASE, blood/ *CORONARY DISEASE, therapy/ DISABILITY EVALUATION/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ LIPOPROTEINS, blood/ MALE/ MIDDLE AGE

6722. **Sagar AJ, Premsagar KD, Rao MS:** Effect of trichloroacetate ion on the proteolytic activity of chymotrypsin, trypsin & pepsin.
Indian J Biochem Biophys 9:52-4, Mar 72
CATTLE/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, antagonists & inhibitors/ ENZYME ACTIVATION, drug effects/ HEMOGLOBIN/ KINETICS/ MURAMIDASE/ *PEPSIN/ PEPSIN, antagonists & inhibitors/ SERUM ALBUMIN, BOVINE/ *TRICHLOROACETIC ACID, pharmacodynamics/ *TRYPSIN/ TRYPSIN, antagonists & inhibitors

6723. **Sagisaka K, Tokiwa K, Katsura S:** Preparation of anti-M and -N IgG antibodies using proteolytic enzyme-treated M group red cells.
Tohoku J Exp Med 107:185-9, Jun 72
*ANTIBODIES/ *BLOOD GROUPS/ *ERYTHROCYTES/ *IGG/ RABBITS/ TRYPSIN

6724. **Sagisaka K, Tokiwa K, Yoshioka N:** Further studies on agglutinability of M and MN blood group red cells treated with a proteolytic enzyme.
Tohoku J Exp Med 106:373-9, Apr 72
ADULT/ ANTIBODIES, analysis/ *BLOOD GROUPS/ ERYTHROCYTES, drug effects/ *ERYTHROCYTES, immunology/ *HEMAGGLUTINATION, drug effects/ HUMAN/ IGG, analysis/ IN VITRO/ *TRYPSIN, pharmacodynamics

6725. **Sagisaka K, Tokiwa K:** MN blood group activity of the blood components other than the red cells.
Tohoku J Exp Med 109:1-6, Jan 73
AGGLUTINATION/ *BLOOD GROUPS/ *BLOOD PLATELETS, immunology/ CENTRIFUGATION/ *FIBRIN/ HUMAN/ ISOANTIBODIES/ ISOANTIGENS, analysis/ *LEUKOCYTES, immunology/ LYMPHOCYTES, immunology/ RABBITS, immunology/ TRYPSIN

6726. **Saini VK, Berger RL:** Technique of aortic balloon catheter deployment with the use of a Fogarty catheter.
Ann Thorac Surg 14:440-2, Oct 72
*AORTA, ABDOMINAL/ *ASSISTED CIRCULATION/ *CATHETERIZATION/ CATHETERIZATION, instrumentation/ *FEMORAL ARTERY, surgery/ FLUOROSCOPY/ HEPARIN, therapeutic use/ HUMAN/ THROMBOEMBOLISM, prevention & control

6727. **Saint-Arnaud R, Guidion R, Awad J:** Etudes préliminaires sur le comportement du sang de mouton placé dans un champ électrique et traversé par le courant qui crée ce champ. Expérience in vitro.
Vie Med Can Fr 2:17-20, Jan 73 (Fre)
ANIMAL EXPERIMENTS/ *BLOOD/ *BLOOD COAGULATION/ ELECTRIC CONDUCTIVITY/ *ELECTRICITY/ ELECTRODES/ IN VITRO/ SHEEP

6728. **St. Clair RW, Clarkson TB, Lofland HB:** Effects of regression of atherosclerotic lesions on the content and esterification of cholesterol by cell-free preparations of pigeon aorta.
Circ Res 31:664-71, Nov 72
ANIMAL EXPERIMENTS/ *AORTA, metabolism/ ARTERIOSCLEROSIS, etiology/ *ARTERIOSCLEROSIS, metabolism/ CARBON ISOTOPES/ CELL-FREE SYSTEM/ *CHOLESTEROL, metabolism/ CHOLESTEROL, DIETARY/ DIET, ATHEROGENIC/ DISEASE MODELS, ANIMAL/ ESTERS, metabolism/ FEMALE/ MALE/ OLEIC ACID, metabolism/ PHOSPHOLIPIDS, biosynthesis/ PIGEONS/ TIME FACTORS/ TRIGLYCERIDES, biosynthesis

6729. **Saint-Martin J, Lebouar Y, Huault G, et al:** Les formes fulminantes des méningococcies de l'enfant. Proposition d'un protocole thérapeutique.
Arch Fr Pediatr 29:469-92, May 72 (Fre)
AMPICILLIN, administration & dosage/ BLOOD TRANSFUSION/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, administration & dosage/ HUMAN/ HYDROCORTISONE, administration & dosage/ INFANT/ INTUBATION/ MALE/ PROGNOSIS/ WATERHOUSE-FRIDERICHSEN SYNDROME, drug therapy/ *WATERHOUSE-FRIDERICHSEN SYNDROME, therapy

6730. **Saint-Maur PP de, Delaître B:** Les hamartomes du foie.
Nouv Presse Med 2:351-2, 10 Feb 73 (Fre)
ALDOLASE, analysis/ BILIARY TRACT DISEASES, classification/ CHOLANGIOMA, classification/ *HAMARTOMA/ HEMANGIOMA, CAVERNOUS, classification/ HUMAN/ LIVER DISEASES, classification/ *LIVER NEOPLASMS/ LIVER NEOPLASMS, classification/ PROGNOSIS

6731. **Sant-Paul M, Rebeyrotte P, Dérobert L, et al:** Modifications observées, par immunoélectrophorèse bidimensionnelle au cours de la dégradation putréfactive des protéines sériques.
Med Leg Domm Corpor (Paris) 5:68-70, Jan-Mar 72 (Fre)
AGED/ *BLOOD PROTEINS/ *BLOOD STAINS/ GLYCOPROTEINS, blood/ HUMAN/ *IMMUNOELECTROPHORESIS/ METHODS/ MIDDLE AGE/ TIME FACTORS/ TRYPSIN INHIBITORS, blood

6732. **Sairam MR, Li CH:** Human pituitary thyrotropin: isolation and chemical characterization of its subunits.
Biochem Biophys Res Commun 51:336-42, 17 Mar 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AUTOANALYSIS/ CATTLE/ CHROMATOGRAPHY/ CHYMOTRYPSIN/ DIALYSIS/ ELECTROPHORESIS/ HUMAN/ HYDROLYSIS/ PEPTIDES, analysis/ *PITUITARY GLAND, analysis/ *THYROTROPIN, analysis/ THYROTROPIN, isolation & purification/ TRYPSIN

6733. **Sairam MR, Papkoff H, Li CH:** Reaction of ovine interstitial cell stimulating hormone with tetranitromiethane.
Biochim Biophys Acta 278:421-32, 31 Oct 72

AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, metabolism/ BIOLOGICAL ASSAY/ COUNTERCURRENT DISTRIBUTION/ FEMALE/ GUANIDINES/ HYDROGEN-ION CONCENTRATION/ *LH/ LH, analysis/ LH, isolation & purification/ LH, pharmacodynamics/ MACROMOLECULAR SYSTEMS/ *METHANE/ NITRO COMPOUNDS/ NITRO COMPOUNDS, analysis/ NITRO COMPOUNDS, pharmacodynamics/ OVARY, drug effects/ OVARY, metabolism/ PEPTIDES/ PEPTIDES, analysis/ PITUITARY GLAND, analysis/ SHEEP/ TRYPSIN/ *TYROSINE

6734. **Sairam MR, Papkoff H, Li CH:** The primary structure of ovine interstitial cell-stimulating hormone. I. The -subunit. Arch Biochem Biophys 153:554-71, Dec 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AUTOANALYSIS/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ COUNTERCURRENT DISTRIBUTION/ CYANOGEN BROMIDE/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ GLYCOPEPTIDES, analysis/ GLYCOPEPTIDES, isolation & purification/ *LH, analysis/ PEPTIDES, analysis/ SHEEP/ TRYPSIN

6735. **Sairam MR, Samy TS, Papkoff H, et al:** The primary structure of ovine interstitial cell-stimulating hormone. II. The -subunit.
Arch Biochem Biophys 153:572-86, Dec 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AUTOANALYSIS/ CATTLE/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ DANSYL COMPOUNDS/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ *LH, analysis/ MALEATES/ PEPSIN/ PEPTIDES, analysis/ SHEEP/ SUBTILISINS/ TRYPSIN

6736. **Saison R:** Red cell peptidase polymorphism in pigs, cattle, dogs and mink. Vox Sang 25:173-81, 1973
ALLELES/ ANIMAL EXPERIMENTS/ CATTLE/ DOGS/ ELECTROPHORESIS, STARCH GEL/ *ERYTHROCYTES, enzymology/ GENE FREQUENCY/ GENES, DOMINANT/ MINK/ *PEPTIDE HYDROLASES, blood/ POLYMORPHISM (GENETICS)/ SWINE

6737. **Saito H, Ratnoff OD, Marshall JS, et al:** Partial purification of plasma thromboplastin antecedent (factor XI) and its activation by trypsin.
J Clin Invest 52:850-61, Apr 73
ADSORPTION/ AMMONIUM SULFATE/ CHYMOTRYPSIN/ COMPLEMENT/ FACTOR XI, antagonists & inhibitors/ *FACTOR XI, isolation & purification/ FIBRINOLYSIN/ GEL FILTRATION/ HUMAN/ KALLIKREIN/ PAPAIN/ PEPTIDE HYDROLASES/ THROMBIN/ THROMBOPLASTIN/ *TRYPSIN

6738. **Saito K:** [Studies on fibrinolytic activity in Behçet's disease. II. Fibrin degradation product]
Acta Soc Ophthalmol Jap 77:693-8, Jul 73 (Jap)
BEHCET'S SYNDROME, blood/ *BEHCET'S SYNDROME, enzymology/ ENGLISH ABSTRACT/ FIBRIN, analysis/ *FIBRIN, metabolism/ *FIBRINOLYSIS/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN

6739. **Saito K:** [Studies on fibrinolytic activity in Behçet's disease. I. Measurement by fibrin plat method]
Acta Soc Ophthalmol Jap 77:685-92, Jul 73 (Jap)
ADOLESCENCE/ ADULT/ AQUEOUS HUMOR, enzymology/ *BEHCET'S SYNDROME, enzymology/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIN, analysis/ *FIBRINOLYSIS/ HUMAN/ MALE/ METHODS/ STREPTOKINASE, blood

6740. **Saito M, Hagiwara T, Aoyagi T, et al:** Leupeptin, a protease inhibitor, inhibits the PHA-stimulated DNA synthesis in guinea pig blood lymphocytes.
Jap J Exp Med 42:509-11, Oct 72
DEPRESSION, CHEMICAL/ *DNA, biosynthesis/ GUINEA PIGS/ *LYMPHOCYTES, metabolism/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *PLANT AGGLUTININS, pharmacodynamics/ THYMIDINE, metabolism/ TRITIUM

6741. **Saito M, Yoshizawa T, Aoyagi T, et al:** Involvement of proteolytic acivity in early events in lymphocyte transformation by phytohemagglutinin.
Biochem Biophys Res Commun 52:569-75, 15 May 73
ANIMAL EXPERIMENTS/ ARGININE, pharmacodynamics/ CELLS, CULTURED/ DNA, biosynthesis/ GUINEA PIGS/ LEUCINE, pharmacodynamics/ *LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTE TRANSFORMATION, drug effects/ *LYMPHOCYTES, drug effects/ LYMPHOCYTES, enzymology/ LYMPHOCYTES, physiology/ OLIGOPEPTIDES, pharmacodynamics/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ PEPTIDE PEPTIDOHYDROLASES, blood/ *PEPTIDE PEPTIDOHYDROLASES, physiology/ PLANT AGGLUTININS, antagonists & inhibitors/ *PLANT AGGLUTININS, pharmacodynamics/ THYMIDINE, metabolism/ TIME FACTORS/ TRITIUM

6742. **Saito S:** [Low flow state--from the standpoint of blood theology]
Respir Circ (Tokyo) 20:45-50, Jan 72 (23 ref.) (Jap)
ACIDOSIS, physiopathology/ *BLOOD FLOW VELOCITY/ BLOOD VISCOSITY/ BLOOD VOLUME/ CORONARY DISEASE, physiopathology/ ERYTHROCYTES/ HUMAN/ HYPOTENSION, physiopathology/ ISCHEMIA, physiopathology/ MICROCIRCULATION/ PLATELET ADHESIVENESS/ PLETHYSMOGRAPHY, IMPEDANCE/ REVIEW/ *RHEOLOGY/ THROMBOSIS, physiopathology

6743. **Saito S, Oka K, Fukada E, et al:** [Biorheology and medicine: a group discussion]
Jap J Clin Med 30:985-1002, Apr 72 (Jap)
ANIMAL EXPERIMENTS/ BLOOD VISCOSITY/ CAPILLARIES, physiology/ MICROCIRCULATION/ *RHEOLOGY

6744. **Sakamoto M, Sakamoto S, Goldhaber P, et al:** The proteinase and peptidase activities of certain components of the medium used in the in vitro tissue culture of bone. Clin Orthop 88:234-41, 1972
AMINOCAPROIC ACID/ *BONE AND BONES/ BONE AND BONES, enzymology/ CASEIN/ CATHEPSIN/ CATTLE/ CLOSTRIDIOPEPTIDASE A/ COLLAGEN/ *CULTURE MEDIA/ GEL FILTRATION/ GELATIN/ HEMOGLOBIN/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, analysis/ PROTEIN DENATURATION/ *TISSUE CULTURE/ TISSUE EXTRACTS

6745. **Sakamoto S, Goldhaber P, Glimcher MJ:** Further studies on the nature of the components in serum which inhibit mouse bone collagenase.
Calcif Tissue Res 10:280-8, 1972
ALPHA GLOBULIN/ ANIMAL EXPERIMENTS/ *BONE AND BONES, enzymology/ CHROMATOGRAPHY/ CHROMATOGRAPHY, AFFINITY/ *CLOSTRIDIOPEPTIDASE A, antagonists & inhibitors/ GEL FILTRATION/ GELS/ *IMMUNE SERUMS, pharmacodynamics/ LIPOPROTEINS/ MACROGLOBULINS/ MICE/ TIBIA/ TRYPSIN/ TRYPSIN INHIBITORS

6746. **Sakamoto W, Nishikaze O:** Purification of -glucuronidase and its inhibitors from pregnancy urine. Enzyme 13:211-23, 1972
ADULT/ BINDING, COMPETITIVE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ DIALYSIS/ DRUG STABILITY/ FEMALE/ FUCOSE, analysis/ GEL FILTRATION/ GLUCURONIDASE, analysis/ GLUCURONIDASE, antagonists & inhibitors/ GLUCURONIDASE, isolation & purification/ *GLUCURONIDASE, urine/ GLYCOPROTEINS, analysis/ HEAT/ HEXOSAMINES, analysis/

HEXOSES, analysis/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MALE/ MOLECULAR WEIGHT/ NEURAMINIC ACIDS, analysis/ *PREGNANCY/ TRYPSIN/ URONIC ACIDS, analysis

6747. **Sakata K, Parfitt G, Pinder KL:** Compressive behaviour of a physiological tissue. Biorheology 9:173-84, Sep 72
ACETATES, pharmacodynamics/ ANIMAL EXPERIMENTS/ BIOMECHANICS/ CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ ELASTICITY/ HYALURONIDASE, pharmacodynamics/ HYDROCHLORIC ACID, pharmacodynamics/ MODELS, BIOLOGICAL/ PAPAIN, pharmacodynamics/ PHYSICAL STIMULATION/ SHEEP/ SKIN, drug effects/ *SKIN, physiology/ TRYPSIN, pharmacodynamics

6748. **Sakhibov DN, Akhunov A:** Vydelenie i nekotorye svoĭstva proteinazy iz lada sredneaziatskoĭ glurzy. Biokhimiia 37:841-5, Jul-Aug 72 (Rus)
AMIDES/ ARGININE/ CASEIN/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ GEL FILTRATION/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, isolation & purification/ *SNAKES/ *VENOMS, analysis

6749. **Sakornpant P, Havanondha S, Athapaisal S, et al:** Cardiac surgery during pregnancy.
J Med Assoc Thai 55:492-6, Aug 72
ADULT/ ANTICOAGULANTS, adverse effects/ DUCTUS ARTERIOSUS, surgery/ FEMALE/ FETAL DEATH, chemically induced/ HEART VALVE PROSTHESIS/ HUMAN/ MITRAL VALVE STENOSIS, surgery/ PREGNANCY/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, surgery/ RHEUMATIC HEART DISEASE, complications

6750. **Saksela E, Holmström T, Grahne B:** Growth pattern of meningeomas penetrating the skull base.
Acta Otolaryngol (Stockh) 74:363-70, Nov 72
ADOLESCENCE/ ADULT/ CELL DIVISION/ CELL TRANSFORMATION, NEOPLASTIC/ *CEREBELLAR NEOPLASMS, pathology/ FEMALE/ FIBRIN FOAM/ *GLIOMA, pathology/ HUMAN/ IN VITRO/ *MENINGIOMA, pathology/ MIDDLE AGE/ NEOPLASM RECURRENCE, LOCAL/ *NEURILEMMOMA, pathology/ *ORBITAL NEOPLASMS, pathology/ ORGAN CULTURE

6751. **Sakuma S, Watanabe Y:** Incorporation of in vitro synthesized reovirus double-stranded ribonucleic acid into virus corelike particles.
J Virol 10:943-50, Nov 72
CELL-FREE SYSTEM/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY/ CHYMOTRYPSIN/ DEXTRAN/ L CELLS/ MICE/ *NUCLEOPROTEINS, biosynthesis/ PHOSPHATES, metabolism/ PHOSPHORUS ISOTOPES/ POLYSACCHARIDES/ REOVIRUS, enzymology/ REOVIRUS, growth & development/ *REOVIRUS, metabolism/ RIBONUCLEASE/ RNA NUCLEOTIDYL-TRANSFERASES, metabolism/ RNA, VIRAL, biosynthesis/ *RNA, VIRAL, metabolism/ SODIUM CHLORIDE, pharmacodynamics/ TRITIUM/ URACIL NUCLEOTIDES, metabolism/ URIDINE, metabolism/ *VIRAL PROTEINS, biosynthesis

6752. **Sakuragawa N:** [Some recent advances in blood coagulation research]
Jap J Clin Hematol 13:923-33, Dec 72 (48 ref.) (Jap)
*BLOOD COAGULATION/ BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION FACTORS, isolation & purification/ BLOOD COAGULATION FACTORS, physiology/ CALCIUM, pharmacodynamics/ CHRISTMAS DISEASE, blood/ GEL FILTRATION/ HUMAN/ HYPOPROCONVERTINEMIA, blood/ PROTHROMBIN/ REVIEW/ STRONTIUM, pharmacodynamics/ THROMBIN

6753. **Sala O, Babighian G:** Les surdités neuosensorielles "chroniques" sont-elles toutes toutes irréversibles.
Rev Laryngol Otol Rhinol (Bord) 93:513-22, Sep-Oct 72 (Fre)
ADULT/ AUDITORY PERCEPTION/ AUDITORY THRESHOLD/ CHILD/ CHRONIC DISEASE/ CORTICOTROPIN, therapeutic use/ *DEAFNESS, drug therapy/ DEAFNESS, etiology/ ENGLISH ABSTRACT/ ERGOLINES, therapeutic use/ ERYTHROBLASTOSIS, FETAL, complications/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ LABYRINTH DISEASES, complications/ *LABYRINTH DISEASES, drug therapy/ MALE/ MANNITOL, therapeutic use/ MENIERE'S DISEASE, drug therapy/ METHYSERGIDE, therapeutic use/ MIDDLE AGE/ NICOTINIC ACID, therapeutic use/ VIRUS DISEASES, complications

6754. **Sala O, Torretta A:** Strahlenbehandlung der Oberkiefertumoren.
Monatsschr Ohrenheilkd Laryngorhinol 106:396-7, 1972 (Ger)
HEMANGIOENDOTHELIOMA, mortality/ *HEMANGIOENDOTHELIOMA, radiotherapy/ HEMANGIOENDOTHELIOMA, surgery/ HUMAN/ IRIDIUM, therapeutic use/ ITALY/ MAXILLARY NEOPLASMS, mortality/ *MAXILLARY NEOPLASMS, radiotherapy/ MAXILLARY NEOPLASMS, surgery/ PROGNOSIS/ RADIATION DOSAGE/ RADIOISOTOPES, therapeutic use

6755. **Salabè GB, Davoli C, Fontana S:** The immunoreaction of auto- and heteroantisera with modified human thyroglobulin.
Int Arch Allergy Appl Immunol 44:181-96, 1973
ANTIBODIES, HETEROTYPIC/ *ANTIGENIC DETERMINANTS/ AUTOANTIBODIES/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNE SERUMS/ MACACA, immunology/ PRECIPITIN TESTS/ RABBITS, immunology/ *THYROGLOBULIN/ *THYROIDITIS, immunology/ TRYPSIN/ ULTRACENTRIFUGATION/ UREA

6756. **Salah MW:** Retroperitoneal haemorrhage simulating a strangulated inguinal hernia. Br Med J 4:403, 18 Nov 72
CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ HEMATOMA, diagnosis/ *HEMOPERITONEUM, diagnosis/ HUMAN/ *INGUINAL HERNIA, diagnosis/ MALE/ MIDDLE AGE/ *RETROPERITONEAL SPACE

6757. **Salamagne JC, Guérin L, Bensasson D, et al:** Anesthésie et réanimation dans la chirurgie de l'infarctus. A propos de six observations concernant des malades ayant eu une résection d'un anévrisme du ventricule gauche et un pontage aorto-coronarien.
Anesth Analg (Paris) 28:1171-5, Nov-Dec 71 (Fre)
ADULT/ *ANESTHESIA/ *AORTOCORONARY BYPASS/ ELECTROCARDIOGRAPHY/ EXTRACORPOREAL CIRCULATION/ *HEART ANEURYSM, surgery/ *HEART VENTRICLE/ HEMODYNAMICS/ HEMOSTASIS/ HEPARIN, blood/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, surgery/ PREANESTHETIC MEDICATION/ *RESUSCITATION

6758. **Salaman JR:** Renal transplant rejection detected with 125 I-fibrinogen. Proc R Soc Med 65:476, May 72
DIAGNOSIS, DIFFERENTIAL/ *FIBRINOGEN, diagnostic use/ *GRAFT REJECTION, diagnosis/ HEMATURIA, diagnosis/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ *KIDNEY, transplantation/ TRANSPLANTATION, HOMOLOGOUS

6759. **Salas M, Vásquez C, Méndez E, et al:** Head fibers of bacteriophage phi 29. Virology 50:180-8, Oct 72
AMINO ACIDS, metabolism/ *BACILLUS/ *BACTERIOPHAGE, analysis/ BACTERIOPHAGE, drug effects/ BACTERIOPHAGE, metabolism/ CENTRIFUGATION, DENSITY GRADIENT/ DIMETHYL SULFOXIDE/ DNA, VIRAL, analysis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ MICROSCOPY, ELECTRON/ PEPTIDES, analysis/ STAINS AND STAINING/ SULFUR ISOTOPES/

TRITIUM/ TRYPSIN/ *VIRAL PROTEINS, analysis/ VIRAL PROTEINS, isolation & purification

6760. **Saldan IR:** Diagnosticheskaia znachimost' fliuorestsentnoĭ angiografii pri angiomatoze setchatki.
Oftalmol Zh 27:447-8, 1972 (Rus)
ADOLESCENCE/ ADULT/ *ANGIOMATOSIS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ *EYE NEOPLASMS, diagnosis/ FEMALE/ *FLUORESCENCE ANGIOGRAPHY/ HUMAN/ MALE/ MIDDLE AGE/ *RETINA/ RETINAL DISEASES, diagnosis/ RETINAL HEMORRHAGE, diagnosis/ TELANGIECTASIS, diagnosis

6761. **Saldeen T:** Das Mikroembolie-Syndrom.
Beitr Gerichtl Med 29:92-6, 1972 (Ger)
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ DOGS/ ENGLISH ABSTRACT/ HUMAN/ *PULMONARY EMBOLISM, physiopathology/ RATS

6762. **Salganicoff L, Fukami MH:** Energy metabolism of blood platelets. I. Isolation and properties of platelet mitochondria.
Arch Biochem Biophys 153:726-35, Dec 72
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, cytology/ BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, metabolism/ CELL FRACTIONATION/ *ELECTRON TRANSPORT/ GLYCEROLPHOSPHATE DEHYDROGENASE, metabolism/ HYDROGEN-ION CONCENTRATION/ KETOGLUTARIC ACID, metabolism/ METHODS/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, enzymology/ *MITOCHONDRIA, metabolism/ MODELS, BIOLOGICAL/ *OXIDATIVE PHOSPHORYLATION/ OXYGEN CONSUMPTION/ POLAROGRAPHY/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SUCCINATES, metabolism/ SWINE

6763. **Saliba MJ Jr, Dempsey WC, Kruggel JL:** Large burns in humans. Treatment with heparin.
JAMA 225:261-9, 16 Jul 73
ADULT/ *BURNS, drug therapy/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ HEPARIN, administration & dosage/ HEPARIN, pharmacodynamics/ *HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ MALE/ MIDDLE AGE/ SODIUM/ WOUND HEALING, drug effects

6764. **al-Salihi FL:** Neonatal intravascular coagulation associated with abruptio placentae.
J Med Soc NJ 70:381-3, May 73
*ABRUPTIO PLACENTAE, complications/ ADOLESCENCE/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ HUMAN/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, diagnosis/ *INFANT, NEWBORN, DISEASES, etiology/ MALE/ PREGNANCY

6765. **Salinas M, Candela JL:** Effects of dicoumarol, insulin and anoxia on rat diaphragm. II. Penetration of sugars.
Biochem Pharmacol 22:895-904, 15 Apr 73
ANIMAL EXPERIMENTS/ *ANOXIA, metabolism/ *BISHYDROXYCOUMARIN, pharmacodynamics/ CARBOHYDRATES, analysis/ CARBON ISOTOPES/ DIAPHRAGM, drug effects/ DIAPHRAGM, metabolism/ EXTRACELLULAR SPACE, metabolism/ FEMALE/ FRUCTOSE, metabolism/ GALACTOSE, metabolism/ GLUCOSE, metabolism/ HEXOSES, metabolism/ IN VITRO/ *INSULIN, pharmacodynamics/ MALE/ *MONOSACCHARIDES, metabolism/ MUSCLES, drug effects/ *MUSCLES, metabolism/ PENTOSES, metabolism/ RATS/ TIME FACTORS/ XYLOSE, metabolism

6766. **Salinas M, Candela JL:** Effects of dicoumarol, insulin and anoxia on rat diaphragm. I. Effect on respiration, extra-cellular space and water content.
Biochem Pharmacol 22:887-94, 15 Apr 73
ANIMAL EXPERIMENTS/ *ANOXIA, metabolism/ *BISHYDROXYCOUMARIN, pharmacodynamics/ CARBOHYDRATES, analysis/ CARBON ISOTOPES/ DIAPHRAGM, drug effects/ DIAPHRAGM, metabolism/ *EXTRACELLULAR SPACE, drug effects/ FEMALE/ IN VITRO/ *INSULIN, pharmacodynamics/ MALE/ MUSCLES, analysis/ MUSCLES, drug effects/ *MUSCLES, metabolism/ ORGAN WEIGHT/ OXYGEN CONSUMPTION, drug effects/ PHOTOMETRY/ RATS/ SORBITOL, analysis/ TIME FACTORS/ VITAMIN K, pharmacodynamics/ WATER, analysis/ XYLOSE, analysis

6767. **Salmon C:** Les accidents de transfusion.
Rev Prat 22:1505-6 passim, 21 Mar 72 (Fre)
ABO FACTORS/ ANEMIA, HEMOLYTIC, etiology/ BLOOD COAGULATION TESTS/ BLOOD GROUP INCOMPATIBILITY, diagnosis/ BLOOD GROUP INCOMPATIBILITY, physiopathology/ BLOOD GROUP INCOMPATIBILITY, prevention & control/ BLOOD GROUPS/ BLOOD TRANSFUSION, adverse effects/ FEVER, etiology/ HEMOCHROMATOSIS, etiology/ HEMOLYSIS/ HEPATITIS, INFECTIOUS, etiology/ SHOCK, ENDOTOXIC, diagnosis/ SPECIAL LIST FOREIGN

6768. **Salnikow J, Liao TH, Moore S, et al:** Bovine pancreatic deoxyribonuclease A. Isolation, composition, and amino acid sequences of the tryptic and chymotryptic peptides.
J Biol Chem 248:1480-8, 25 Feb 73
ALKYLATION/ AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ AMINOPEPTIDASES/ AUTOANALYSIS/ CARBOXYPEPTIDASES/ CATTLE/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ *DEOXYRIBONUCLEASE, analysis/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ GLYCOPEPTIDES, analysis/ MICROCHEMISTRY/ OXIDATION-REDUCTION/ *PANCREAS, enzymology/ PEPTIDES, analysis/ *PEPTIDES, isolation & purification/ THIOCYANATES/ TRYPSIN

6769. **Salnikow J, Murphy D:** Bovine pancreatic deoxyribonucleases A and C. A proline for histidine substitution in deoxyribonuclease C.
J Biol Chem 248:1499-501, 10 Mar 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CARBOXYPEPTIDASES/ CATTLE/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ *DEOXYRIBONUCLEASE, analysis/ ELECTROPHORESIS, PAPER/ HISTIDINE, analysis/ *PANCREAS, enzymology/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PROLINE, analysis/ TRYPSIN

6770. **Salo OP, Kousa M, Mustakallio KK, et al:** Demonstration of fibrin in skin diseases. II. Psoriasis
Acta Derm Venereol (Stockh) 52:295-7, 1972
ADOLESCENCE/ ADULT/ AGED/ ARTHRITIS, pathology/ ECZEMA, pathology/ ERYTHRODERMA, pathology/ FEMALE/ *FIBRIN, analysis/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ MALE/ MIDDLE AGE/ PHOTOSENSITIZATION/ *PSORIASIS, pathology/ *SKIN, pathology/ TIME FACTORS

6771. **Salo OP, Tallberg T, Mustakallio KK:** Demonstration o fibrin in skin diseases. I. Lichen ruber planus an lupus erythematosus.
Acta Derm Venereol (Stockh) 52:291-4, 1972
ADOLESCENCE/ ADULT/ AGED/ ANTIFIBRINOLYTIC AGENTS/ BIOPSY/ CHILD/ FEMALE/ *FIBRIN, analysis/ FIBRINOLYSIS/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ IMMUNOGLOBULINS/ LICHEN PLANUS, metabolism/ *LICHEN PLANUS, pathology/ LUPUS ERYTHEMATOSUS, DISCOID, metabolism/ *LUPUS ERYTHEMATOSUS, DISCOID, pathology/ LUPUS ERYTHEMATOSUS, SYSTEMIC, metabolism/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, pathology/ MALE/ MICROSCOPY, FLUORESCENCE/

MIDDLE AGE/ RABBITS, immunology/ SKIN, pathology

6772. **Salsbury AJ, White C, Tsolakidis P, et al:** Fibrinolysis and circulating malignant cells.
Surg Gynecol Obstet 136:733-6, May 73
BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ CARCINOMA, blood/ CARCINOMA, surgery/ COLONIC NEOPLASMS, blood/ COLONIC NEOPLASMS, surgery/ *FIBRINOLYSIS/ GASTROINTESTINAL DISEASES, blood/ GASTROINTESTINAL DISEASES, surgery/ GASTROINTESTINAL NEOPLASMS, blood/ GASTROINTESTINAL NEOPLASMS, surgery/ HEMATOCRIT/ HEMOGLOBIN, analysis/ HUMAN/ *NEOPLASM CIRCULATING CELLS/ RECTAL NEOPLASMS, blood/ RECTAL NEOPLASMS, surgery

6773. **Salter DW, Norton IL, Hartman FC:** Haloacetol phosphates. Identification of the sulfhydryl group of rabbit muscle aldolase alkylated by chloroacetol phosphate. Biochemistry 12:1-5, 2 Jan 73
ACETONE/ *ACETONE/ *ALDOLASE, analysis/ ALDOLASE, antagonists & inhibitors/ ALKYLATION/ AMINO ACIDS, analysis/ BINDING SITES/ BOROHYDRIDES/ CHLORINE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ GLYCEROPHOSPHATES/ *MUSCLES, enzymology/ *ORGANOPHOSPHORUS COMPOUNDS/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ RABBITS/ *SULFHYDRYL COMPOUNDS, analysis/ TRIOSES/ TRITIUM/ TRYPSIN

6774. **Salton MR, Schor MT:** Subunit structure and properties of two forms of adenosine triphosphatase released from Micrococcus lysodeikticus membranes.
Biochem Biophys Res Commun 49:350-7, 17 Oct 72
*ADENOSINE TRIPHOSPHATASE/ ADENOSINE TRIPHOSPHATASE, isolation & purification/ ADENOSINE TRIPHOSPHATASE, metabolism/ ALCOHOLS, BUTYL/ CALCIUM/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, enzymology/ CELL MEMBRANE, metabolism/ EDTA, pharmacodynamics/ ELECTROPHORESIS, DISK/ ENZYME ACTIVATION/ GEL FILTRATION/ MACROMOLECULAR SYSTEMS/ MICROCOCCUS, drug effects/ MICROCOCCUS, enzymology/ MICROCOCCUS, metabolism/ OSMOLAR CONCENTRATION/ PROTEIN BINDING/ SODIUM DODECYL SULFATE/ SOLUBILITY/ TRYPSIN/ ULTRAFILTRATION

6775. **Salvatori JM, Follana R, Olmer M:** Coagulopathies de consommation a minima avec taux de fibrinogène normal ou élevé.
Nouv Presse Med 2:512, 24 Feb 73 (Fre)
ABORTION, SEPTIC, complications/ *DISSEMINATED INTRAVASCULAR COAGULATION/ FEMALE/ *FIBRINOGEN, analysis/ HEPARIN, therapeutic use/ HUMAN/ *KIDNEY FAILURE, ACUTE, blood/ KIDNEY FAILURE, ACUTE, etiology/ PREGNANCY/ PUERPERAL DISORDERS/ PYELONEPHRITIS, complications/ SEPTICEMIA, complications/ SEPTICEMIA, etiology/ THROMBOPENIA

6776. **Salvioli G, Rocchi E, Neri M, et al:** Il test da carico intravenoso con lipidi.
Minerva Med 63:3437-46, 12 Sep 72 (Ita)
ADULT/ AGED/ CHYLOMICRONS, metabolism/ DIABETES MELLITUS, metabolism/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERCHOLESTEREMIA, metabolism/ *HYPERLIPEMIA, metabolism/ KIDNEY DISEASES, metabolism/ LIPIDS, blood/ *LIPIDS, metabolism/ LIPOPROTEIN LIPASE, blood/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, metabolism/ MYXEDEMA, metabolism/ TRIGLYCERIDES, metabolism

6777. **Salvioli JE, Castelleto RH, Ramírez Barrios R, et al:** Coagulación intravascular diseminada y anemia hemolitica (especial referencia al síndrome de Evans.
Rev Clin Esp 129:303-8, 15 May 73 (Spa)
ADULT/ *ANEMIA, HEMOLYTIC, AUTOIMMUNE, complications/ CASE REPORT/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HUMAN/ *LEUKOPENIA, etiology/ MALE/ *PURPURA, THROMBOPENIC, complications

6778. **Salwa M:** Przypadek zarośnięcia błony dziewiczej.
Wiad Lek 26:91-3, 1 Jan 73 (Pol)
ABDOMINAL NEOPLASMS, complications/ ADULT/ FEMALE/ HEMATOMA, complications/ HUMAN/ *HYMEN, abnormalities/ HYMEN, surgery/ MENSTRUATION DISORDERS, etiology

6779. **Salyer WR, Salyer DC, Heptinstall RH:** Scleroderma and microangiopathic hemolytic anemia.
Ann Intern Med 78:895-7, Jun 73
ADULT/ *ANEMIA, HEMOLYTIC, ACQUIRED, complications/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD PRESSURE/ BLOOD UREA NITROGEN/ COOMBS' TEST/ ERYTHROCYTE COUNT/ FEMALE/ HEMATOCRIT/ HEMOGLOBIN, analysis/ HEMOLYTIC-UREMIC SYNDROME, blood/ HEMOLYTIC-UREMIC SYNDROME, complications/ HEMOLYTIC-UREMIC SYNDROME, pathology/ HUMAN/ MALE/ MIDDLE AGE/ RETICULOCYTES, cytology/ SCLERODERMA, SYSTEMIC, blood/ *SCLERODERMA, SYSTEMIC, complications/ *UREMIA, complications

6780. **Salzman EW:** Iodine-labelled fibrinogen uptake test.
JAMA 222:838, 13 Nov 72
*FIBRINOGEN, metabolism/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ THROMBOPHLEBITIS, diagnosis

6781. **Salzman EW, Kensler PC, Levine L:** Cyclic 3',5'-adenosine monophosphate in human blood platelets. IV. Regulatory role of cyclic amp in platelet function. Ann NY Acad Sci 201:61-71, 27 Oct 72
ADENINE, metabolism/ ADENOSINE, metabolism/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENOSINE DIPHOSPHATE, metabolism/ BLOOD PLATELETS, metabolism/ *BLOOD PLATELETS, physiology/ BUTYRATES, metabolism/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ HUMAN/ *PLATELET ADHESIVENESS/ PLATELET ADHESIVENESS, drug effects/ PROSTAGLANDINS, metabolism/ PROTEIN BINDING/ TRITIUM

6782. **Salzman EW, Weisenberger H:** Role of cyclic AMP in platelet function.
Adv Cyclic Nucleotide Res 1:231-47, 1972 (38 ref.)
ADENOSINE, pharmacodynamics/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ASPIRIN, pharmacodynamics/ BIOLOGICAL TRANSPORT/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, metabolism/ BUTYRATES, pharmacodynamics/ CARBON ISOTOPES/ CELL AGGREGATION, drug effects/ COLLAGEN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ KAOLIN, pharmacodynamics/ KINETICS/ MODELS, BIOLOGICAL/ PHENTOLAMINE, pharmacodynamics/ *PLATELET ADHESIVENESS, drug effects/ PROPRANOLOL, pharmacodynamics/ PROTEIN KINASE, metabolism/ REVIEW/ TIME FACTORS/ TRITIUM

6783. **Sama S, Aach R, Benz W, et al:** False-positive Australia-antigen particles in primary biliary cirrhosis. Detection by electron microscopy.
Lancet 1:14-7, 6 Jan 73

ALCOHOLISM, immunology/ *AUSTRALIA ANTIGEN/ COMPARATIVE STUDY/ COMPLEMENT FIXATION TESTS/ ELECTROPHORESIS/ FALSE POSITIVE REACTIONS/ FATTY LIVER, immunology/ GEL DIFFUSION TESTS/ HEMOPHILIA, immunology/ HEPATITIS, INFECTIOUS, immunology/ HEPATITIS, TOXIC, immunology/ HUMAN/ HYPERLIPEMIA, ESSENTIAL FAMILIAL, immunology/ LIVER CIRRHOSIS, immunology/ *LIVER CIRRHOSIS, OBSTRUCTIVE, immunology/ MICROSCOPY, ELECTRON/ RADIOIMMUNOASSAY

6784. **Samaha RJ, Bruns NC, Ross GJ Jr:** Chronic intravascular coagulation in metastatic prostate cancer. Arch Surg 106:295-8, Mar 73
AGED/ BLOOD COAGULATION TESTS/ BLOOD PLATELET DISORDERS/ CHRONIC DISEASE/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FIBRIN/ HEMORRHAGE, GASTROINTESTINAL, drug therapy/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ *PROSTATIC NEOPLASMS, complications/ PROTHROMBIN TIME/ THROMBOPLASTIN

6785. **Samama M, Bilski-Pasquier G:** Les traitements thrombolytiques.
Rev Prat 22:Suppl:96-100, 25 Nov 72 (Fre)
*ARTERIAL OCCLUSIVE DISEASES, drug therapy/ *FIBRINOLYTIC AGENTS, administration & dosage/ *MYOCARDIAL INFARCT, drug therapy/ PULMONARY EMBOLISM, drug therapy/ STREPTOKINASE, administration & dosage/ *THROMBOEMBOLISM, drug therapy

6786. **Samama M, Capelle C, Beuzart A:** Platelest counting: visual, electronic and fully automated optical methods. Adv Exp Med Biol 34:221-33, 1972
AUTOANALYSIS/ *BLOOD CELL COUNT/ *BLOOD PLATELETS/ ELECTRONICS, MEDICAL/ HUMAN/ MACROGLOBULINEMIA, blood/ METHODS/ MICROSCOPY, PHASE CONTRAST/ PLATELET ADHESIVENESS

6787. **Samama M, Conard J:** The plasma gelation by ethanol in the diagnosis of disseminated intra-vascular coagulation. Kobe J Med Sci 18:11-4, Mar 72
ABORTION, complications/ *ALCOHOL, ETHYL/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ FEMALE/ HUMAN/ LEUKEMIA, blood/ LIVER CIRRHOSIS, blood/ PREGNANCY/ SEPTICEMIA, blood

6788. **Samama M, Fontaine JL, Conard J, et al:** Some experiments with streptokinase in recent aortic prosthese in dogs and cats. J Clin Pathol 25:652, Jul 72
ANIMAL EXPERIMENTS/ AORTA/ *BLOOD VESSEL PROSTHESIS/ CATS/ DOGS/ HEMORRHAGE, chemically induced/ *STREPTOKINASE, adverse effects

6789. **Samarji WN, Torrance HB:** Diffuse capillary haemangioma of the stomach.
J R Coll Surg Edinb 18:167-8, May 73
ADOLESCENCE/ *CAPILLARIES/ FEMALE/ FOLLOW-UP STUDIES/ GASTRECTOMY/ *HEMANGIOMA/ HEMANGIOMA, pathology/ HEMANGIOMA, surgery/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ PYLORUS, pathology/ *STOMACH, blood supply/ *STOMACH NEOPLASMS/ STOMACH NEOPLASMS, pathology/ STOMACH NEOPLASMS, surgery

6790. **Samokish VA, Anufrieva EV, Vol'kenshtein MV:** Spectroscopic investigation of the interaction of -chymotrypsin with proflavin.
Mol Biol 5:567-72, Sep-Oct 71
*ACRIDINES/ ACRYLATES/ AMINES/ *BINDING SITES/ *CHYMOTRYPSIN/ DNA/ FLUORESCENCE/ POLYMERS/ PROTEIN BINDING/ SOLVENTS/ SPECTROPHOTOMETRY/ SPECTRUM ANALYSIS

6791. **Samsonov GV, Shataeva LK, Orlievskaia OV:** Fiziko-khimicheskie i énzimaticheskie svoĭstva proteazy iz griba Aspergillus terricola.
Dokl Akad Nauk SSSR 206:497-9, 11 Sep 72 (Rus)
AMINO ACIDS, analysis/ *ASPERGILLUS, enzymology/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ MONOSACCHARIDES, analysis/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, isolation & purification/ ULTRACENTRIFUGATION

6792. **Samuel CA:** Ultra-structural features of the ectopic pig trophoblast. J Physiol (Lond) 226:22P, Oct 72
ANIMAL EXPERIMENTS/ CYTOPLASM/ FEMALE/ FIBRIN/ MICROSCOPY, ELECTRON/ NIDATION/ PREGNANCY/ *SWINE, embryology/ *TRANSPLANTATION, AUTOLOGOUS/ *TROPHOBLAST, cytology/ *TROPHOBLAST, transplantation

6793. **Samuel O, Azerad R:** C-méthylation des desméthylménaquinones. II. Spécificité du système enzymatique de méthylation de Mycobacterium phlei vis-à-vis du substrat quinonique.
Biochimie 54:305-17, 1972 (Fre)
ENGLISH ABSTRACT/ ISOMERISM/ KINETICS/ METHODS/ *METHYLATION/ *MYCOBACTERIUM, enzymology/ PHOSPHOLIPIDS, pharmacodynamics/ QUINONES, isolation & purification/ *QUINONES, metabolism/ STRUCTURE-ACTIVITY RELATIONSHIP/ VITAMIN K, metabolism

6794. **Sanchez A, Jardin F, Frank R, et al:** Les détresses respiratoires sans hypercapnie (a propos de 17 cas.
Ann Med Interne (Paris) 123:659-64, Jun-Jul 72 (Fre)
ADULT/ *ANOXIA, etiology/ ANOXIA, therapy/ BLOOD GAS ANALYSIS/ CYANOSIS, etiology/ DROWNING/ EMBOLISM, FAT, complications/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ HYPOTENSION, etiology/ INTESTINAL OBSTRUCTION, complications/ *LUNG DISEASES, complications/ MALE/ MIDDLE AGE/ OSTEOTOMY/ PNEUMONIA, VIRAL, complications/ POSTOPERATIVE COMPLICATIONS/ PROGNOSIS/ PULMONARY EDEMA, complications/ PULMONARY EMBOLISM, complications/ RESPIRATION, ARTIFICIAL/ RESUSCITATION/ *RIB FRACTURES, complications/ TACHYCARDIA, etiology

6795. **Sandberg LB, Gray WR, Bruenger E:** Structural studies of alanine- and lysine-rich regions of porcine aortic tropoelastin.
Biochim Biophys Acta 285:453-8, 28 Dec 72
*ALANINE, analysis/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ *AORTA, analysis/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ COPPER/ DEFICIENCY DISEASES, metabolism/ *ELASTIN/ ELASTIN, analysis/ ELECTROPHORESIS, PAPER/ *LYSINE, analysis/ PEPTIDES, analysis/ PROTEIN CONFORMATION/ *PROTEIN PRECURSORS/ PROTEIN PRECURSORS, analysis/ SOLUBILITY/ SUBTILISINS/ SWINE/ TRYPSIN

6796. **Sander GE, West DW, Huggins CG:** Inhibitors of the pulmonary angiotensin I-converting enzyme.
Biochim Biophys Acta 289:392-400, 7 Dec 72
AMINO ACIDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ BRADYKININ, pharmacodynamics/ CYCLOHEXANECARBOXYLIC ACIDS, pharmacodynamics/ CYCLOPENTANE, pharmacodynamics/ FEMALE/ IN VITRO/ KININASE II, antagonists & inhibitors/ *LUNG, enzymology/ MALE/ METHYLAMINES, pharmacodynamics/ *PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ PEPTIDES, pharmacodynamics/ PYRROLIDINES, pharmacodynamics/ PYRROLIDONECARBOXYLIC ACID,

pharmacodynamics/ RABBITS/ SNAKES/ STRUCTURE-ACTIVITY RELATIONSHIP/ THIAZOLES, pharmacodynamics/ THYROTROPIN, pharmacodynamics/ TYROSINE, pharmacodynamics/ VENOMS, pharmacodynamics

6797. **Sander W, Uteg KH, Zwahr C:** Uber die Beeinflussung des Gerinnungsfaktors VII durch die oralen Ovulationshemmer Ovosiston, Non-Ovlon und Sequenz-Ovosiston.
Dtsch Gesundheitsw 27:2343-7, 7 Dec 72 (Ger)
ADULT/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ CONTRACEPTIVES, ORAL, therapeutic use/ ENGLISH ABSTRACT/ FACTOR VIII, analysis/ *FACTOR VIII, metabolism/ FEMALE/ HEMOPHILIA, drug therapy/ HUMAN

6798. **Sanderson JH, Delamore IW:** Changes in platelet thrombotic tendency during oral contraception.
J Obstet Gynaecol Br Commonw 80:639-43, Jul 73
ADENOSINE DIPHOSPHATE, pharmacodynamics/ BLOOD CELL COUNT/ BLOOD PLATELETS, drug effects/ CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ FILTRATION/ HEMATOCRIT/ HUMAN/ *PLATELET ADHESIVENESS, drug effects/ PROGNOSIS/ THROMBOPHLEBITIS, diagnosis

6799. **Sanderson JH, Taylor DS, Delamore IW:** Changes in platelet thrombotic tendency during parturition.
J Obstet Gynaecol Br Commonw 80:633-8, Jul 73
ADENOSINE DIPHOSPHATE, pharmacodynamics/ BLOOD CELL COUNT/ BLOOD PLATELETS, drug effects/ FEMALE/ FILTRATION/ HEMATOCRIT/ HUMAN/ *LABOR/ *PLATELET ADHESIVENESS/ PUERPERAL DISORDERS, etiology/ THROMBOPHLEBITIS, etiology

6800. **Sandler SG, Rath CE, Wickerhauser M, et al:** Post-Konyne hepatitis: the ineffectiveness of screening for the hepatitis B antigen (HBAg).
Transfusion 13:221-4, Jul-Aug 73
*AUSTRALIA ANTIGEN, isolation & purification/ *BLOOD COAGULATION FACTORS/ BLOOD TRANSFUSION, adverse effects/ FOLLOW-UP STUDIES/ GEL DIFFUSION TESTS/ *HEPATITIS, HOMOLOGOUS SERUM, etiology/ HEPATITIS, HOMOLOGOUS SERUM, immunology/ HUMAN/ HYPOPROTHROMBINEMIAS, therapy/ IMMUNOELECTROPHORESIS/ METHODS/ RADIOIMMUNOASSAY

6801. **Sandrucci M, Bacolla D:** Su alcuni problemi di genetica di preminente interesse pediatrico.
Minerva Med 63:4627-40, 28 Nov 72 (Ita)
ABNORMALITIES, MULTIPLE, etiology/ ANEMIA, HEMOLYTIC, CONGENITAL, diagnosis/ BLOOD COAGULATION DISORDERS, familial & genetic/ CHROMOSOME ABERRATIONS/ CRYING CAT SYNDROME, familial & genetic/ EUGENICS/ FEMALE/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, familial & genetic/ METABOLISM, INBORN ERRORS, familial & genetic/ MONGOLISM, familial & genetic/ MUSCULAR ATROPHY, familial & genetic/ MUSCULAR DYSTROPHY, familial & genetic/ PREGNANCY/ *PRENATAL DIAGNOSIS/ SEX CHROMATIN, analysis/ THALASSEMIA, familial & genetic

6802. **Sandvik O:** Comparison of Bacillus thuringiensis with other bacillus species based on enzymoserological examinations of their proteolytic enzymes.
Acta Vet Scand 14:176-83, 1973
*BACILLUS, enzymology/ BACILLUS CEREUS, enzymology/ BACILLUS SUBTILIS, enzymology/ CASEIN, diagnostic use/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ METHODS/ *PEPTIDE HYDROLASES, metabolism/ PRECIPITATION/ RABBITS, immunology

6803. **Sandvik O, Fossum K:** Analyses of proteinases in washing powders.
Zentralbl Bakteriol [Orig B] 156:512-23, Feb 73
BACILLUS SUBTILIS, enzymology/ CASEIN/ *DETERGENTS, analysis/ PENICILLIUM, enzymology/ *PEPTIDE HYDROLASES, analysis/ PRECIPITATION/ SOAPS, analysis/ STREPTOMYCES GRISEUS, enzymology/ TEMPERATURE

6804. **Sanford BH, Kohn HI, Daly JJ, et al:** Long-term spontaneous tumor incidence in neonatally thymectomized mice. J Immunol 110:1437-9, May 73
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ FEMALE/ FIBROSARCOMA, immunology/ HEMANGIOENDOTHELIOMA, immunology/ LUNG NEOPLASMS, immunology/ MICE/ MICE, INBRED BALB C/ *NEOPLASMS/ SARCOMA, RETICULUM CELL, immunology/ THYMECTOMY/ *THYMUS GLAND, immunology

6805. **Sanna G, Metri L, Giuliano P:** L'ematoma polmonare da trauma chiuso del torace.
G Clin Med 53:45-62, Feb 72 (Ita)
ADULT/ ENGLISH ABSTRACT/ *HEMATOMA, etiology/ HEMATOMA, radiography/ HUMAN/ *LUNG DISEASES, etiology/ LUNG DISEASES, radiography/ MALE/ MIDDLE AGE/ *THORACIC INJURIES, complications/ THORACIC INJURIES, radiography

6806. **Sanne HM, Wilhelmsen L:** Physical activity as prevention and therapy in coronary heart disease.
Scand J Rehabil Med 3:47-56, 1971 (50 ref.)
ANGINA PECTORIS, occurrence/ BLOOD COAGULATION/ COLLATERAL CIRCULATION/ CORONARY DISEASE, etiology/ CORONARY DISEASE, occurrence/ CORONARY DISEASE, physiopathology/ *CORONARY DISEASE, prevention & control/ CORONARY DISEASE, therapy/ *EXERTION/ FEAR/ HEART RATE/ HEMODYNAMICS/ HUMAN/ LEISURE ACTIVITIES/ LIPIDS, blood/ MYOCARDIAL INFARCT, occurrence/ OBESITY, prevention & control/ PERSONALITY/ PHYSICAL EDUCATION AND TRAINING/ PHYSICAL THERAPY/ REVIEW

6807. **Sanner T, Kovács-Proszt G:** Kinetic studies on the aggregation of kappa-casein by Mucor pusillus protease. Biochim Biophys Acta 303:68-76, 23 Mar 73
CALCIUM, pharmacodynamics/ *CASEIN, metabolism/ KINETICS/ *MUCOR, enzymology/ *PEPTIDE HYDROLASES, metabolism/ SPECTRUM ANALYSIS

6808. **Sano T, Yokota O, Kokue A, et al:** [Lowered ADP-aggregability of platelets in von Willebrand's disease, first clarified by filtration pressure method]
J Jap Soc Intern Med 62:480-4, 10 May 73 (Jap)
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADHESIVENESS/ ADULT/ FILTRATION/ HEMAGGLUTINATION, drug effects/ HUMAN/ MALE/ METHODS/ PRESSURE/ *VON WILLEBRAND'S DISEASE, blood

6809. **Santangelo G:** Elementi di diagnostica generale nelle sindromi da deficit piastrinico.
Minerva Pediatr 24:1291-9, 8 Sep 72 (Ita)
ANEMIA, HEMOLYTIC, ACQUIRED, etiology/ *BLOOD PLATELET DISORDERS, diagnosis/ BLOOD TRANSFUSION, adverse effects/ CHILD/ HUMAN/ PURPURA, THROMBOPENIC, diagnosis/ PURPURA, THROMBOPENIC, etiology/ PURPURA, THROMBOPENIC, etiology/ PURPURA, THROMBOTIC THROMBOPENIC, diagnosis/ THROMBOPENIA, diagnosis/ THROMBOPENIA, etiology

6810. **Santangelo G, Barberi I:** Patologia piastrinica nell'età neonatale. Minerva Pediatr 24:1300-29, 8 Sep 72 (Ita)
ANTIBODY FORMATION/ *BLOOD PLATELET DISORDERS/ BLOOD PLATELET DISORDERS, diagnosis/ DIURETICS, adverse effects/ FEMALE/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ INFANT, NEWBORN, DISEASES, diagnosis/ MATERNAL-FETAL EXCHANGE/

PREGNANCY/ THROMBOPENIA, chemically induced/ THROMBOPENIA, classification/ THROMBOPENIA, familial & genetic/ THROMBOPENIA, immunology

6811. **Santangelo G, Barberi I, Sorbello A:** Le sindromi piastrinopeniche e piastrinopatiche dell'età pediatrica. II. Cenni di fisiopatologia piastrinica.
Minerva Pediatr 24:1208-89, 1 Sep 72 (Ita)
ADENINE NUCLEOTIDES, metabolism/ ADENOSINE, metabolism/ BLOOD COAGULATION FACTORS/ BLOOD PLATELET DISORDERS, diagnosis/ BLOOD PLATELET DISORDERS, etiology/ BLOOD PLATELET DISORDERS, metabolism/ *BLOOD PLATELET DISORDERS, physiopathology/ BLOOD PLATELETS, immunology/ BLOOD TRANSFUSION, adverse effects/ CHILD/ COMPLEMENT FIXATION TESTS/ GLYCOLYSIS/ HUMAN/ IMMUNOGLOBULINS, analysis/ LIPIDS, metabolism/ PHYSICAL EXAMINATION/ PROTEINS, metabolism/ *THROMBOPENIA, physiopathology

6812. **Santero GG:** The "rotary column" method for growth of large-scale quantities of cell monolayers.
Biotechnol Bioeng 14:753-75, Sep 72
*CELLS, CULTURED/ *CYTOLOGICAL TECHNICS, instrumentation/ HYDROGEN-ION CONCENTRATION/ METHODS/ MICROSCOPY/ PRESSURE/ STERILIZATION/ TEMPERATURE/ TRYPSIN/ VIRAL VACCINES/ *VIRUS CULTIVATION

6813. **Santomé JA, Dellacha JM, Paladini AC, et al:** Primary structure of bovine growth hormone.
Eur J Biochem 37:164-70, 1 Aug 73
AMINO ACID SEQUENCE/ CATTLE/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ ELECTROPHORESIS, PAPER/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ MALEATES/ OXIDATION-REDUCTION/ PEPSIN/ *PEPTIDES, analysis/ PITUITARY GLAND, analysis/ *SOMATOTROPIN, analysis/ TRYPSIN

6814. **Santos GW, Mullins GM, Bias WB, et al:** Immunologic studies in acute leukemia.
Natl Cancer Inst Monogr 37:69-75, Jun 73
ADULT/ ANTIGENS/ CANDIDA, immunology/ CELL MIGRATION INHIBITION/ CHROMIUM ISOTOPES/ COMPLEMENT/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FEMALE/ HISTOPLASMIN/ HUMAN/ IMMUNE SERUMS/ *IMMUNITY/ IMMUNITY, CELLULAR/ LEUCOSARCOMA, immunology/ *LEUKEMIA, LYMPHOBLASTIC, immunology/ LEUKEMIA, MONOBLASTIC, immunology/ *LEUKEMIA, MYELOBLASTIC, immunology/ LEUKOCYTE CULTURE TEST, MIXED/ MACROPHAGES/ MALE/ MIDDLE AGE/ MITOMYCIN, pharmacodynamics/ MUMPS, immunology/ SKIN TESTS/ STREPTODORNASE AND STREPTOKINASE/ TRICHOPHYTON, immunology

6815. **Sapolsky AI, Altman RD, Howell DS:** Cathepsin D activity in normal and osteoarthritic human cartilage.
Fed Proc 32:1489-93, Apr 73
BIOPSY/ CARTILAGE, ARTICULAR, anatomy & histology/ *CARTILAGE, ARTICULAR, enzymology/ CATHEPSIN, antagonists & inhibitors/ *CATHEPSIN, metabolism/ CATTLE/ CHLOROQUINE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ FEMALE/ HEMOGLOBIN/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ IODOACETATES/ ISOFLUROPHATE/ METHODS/ MUCOPOLYSACCHARIDES/ *OSTEOARTHRITIS, enzymology/ PEPTIDE HYDROLASES/ STAINS AND STAINING/ TIME FACTORS/ ULTRACENTRIFUGATION/ UTERUS, enzymology/ VISCOSITY

6816. **Sar A van der:** An outbreak of dengue haemorrhagic fever on Curacao. Trop Geogr Med 25:119-29, Jun 73
ADULT/ AEDES/ AGE FACTORS/ COMPLEMENT FIXATION TESTS/ DENGUE, complications/ DENGUE, diagnosis/ *DENGUE, occurrence/ DENGUE VIRUS, isolation & purification/ DIAGNOSIS, DIFFERENTIAL/ *DISEASE OUTBREAKS/ DISEASE VECTORS/ EPIDEMIC HEMORRHAGIC FEVER, occurrence/ ETHNIC GROUPS/ FEMALE/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ LEUKOPENIA, etiology/ MALE/ MIDDLE AGE/ NETHERLANDS ANTILLES/ THROMBOPENIA, etiology

6817. **Saraya AK, Kasturi J, Kishan R:** Platelet factor 3 in Glanzmann's thrombasthenia.
Acta Haematol (Basel) 48:116-24, 1972
ADOLESCENCE/ ADULT/ AGED/ *BLOOD COAGULATION FACTORS/ BLOOD COAGULATION FACTORS, secretion/ BLOOD COAGULATION TESTS/ *BLOOD PLATELET DISORDERS, familial & genetic/ BLOOD PLATELETS, secretion/ FEMALE/ HUMAN/ *LIPOPROTEINS/ MALE/ MIDDLE AGE/ PLATELET ADHESIVENESS/ PURPURA, THROMBOPENIC, blood/ *PURPURA, THROMBOPENIC, familial & genetic/ SYNDROME/ VENOMS

6818. **Sardal J, Baillet J, Claude R:** Potentialisation des effets anti-inflammatoires de la phénylbutazone et du complexe chymotrypsique au sein de la pommade M1540.
Therapie 27:473-81, May-Jun 72 (Fre)
ANIMAL EXPERIMENTS/ CARRAGEENAN/ *CHYMOTRYPSIN, administration & dosage/ CHYMOTRYPSIN, therapeutic use/ CROTON OIL/ DRUG COMBINATIONS/ *DRUG SYNERGISM/ EDEMA, chemically induced/ ENGLISH ABSTRACT/ INFLAMMATION, chemically induced/ *INFLAMMATION, drug therapy/ KAOLIN/ OINTMENTS/ *PHENYLBUTAZONE, administration & dosage/ PHENYLBUTAZONE, therapeutic use/ RATS

6819. **Sarett HP:** Nutritional value of commercially produced foods for infants.
Bibl Nutr Dieta 18:246-66, 1973 (43 ref.)
ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ CATTLE/ DIETARY CARBOHYDRATES/ DIETARY FATS/ DIETARY PROTEINS/ ELEMENTS/ FEMALE/ FOOD-PROCESSING INDUSTRY/ HUMAN/ INFANT/ *INFANT FOOD/ *INFANT NUTRITION/ LACTOSE, pharmacodynamics/ MILK/ MILK, HUMAN/ NUTRITIONAL REQUIREMENTS/ PLANT PROTEINS/ PREGNANCY/ PROTEINS, metabolism/ REVIEW/ SWINE/ TRACE ELEMENTS/ TRYPSIN INHIBITORS/ VITAMINS

6820. **Sarett HP:** Nutritional value of commercially produced foods for infants.
Bibl Nutr Dieta 18:246-66, 1973 (43 ref.)
ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ CATTLE/ DIETARY FATS/ DIETARY PROTEINS/ ELEMENTS/ FEMALE/ FOOD-PROCESSING INDUSTRY/ HUMAN/ INFANT/ *INFANT FOOD/ *INFANT NUTRITION/ LACTOSE, pharmacodynamics/ MILK/ MILK, HUMAN/ NUTRITIONAL REQUIREMENTS/ PLANT PROTEINS/ PREGNANCY/ PROTEINS, metabolism/ REVIEW/ SWINE/ TRACE ELEMENTS/ TRYPSIN INHIBITORS/ VITAMINS

6821. **Sári B, Dán S, Balogh G:** Vergleichende Untersuchungen von Erythrozyten- und Plasmaenzymen bei pernizlöser Anämie.
Folia Haematol (Leipz) 97:291-301, 1972 (Ger)
ACID PHOSPHATASE, blood/ ALDOLASE, blood/ ALKALINE PHOSPHATASE, blood/ ANEMIA, PERNICIOUS, blood/ ANEMIA, PERNICIOUS, drug therapy/ *ANEMIA, PERNICIOUS, enzymology/ ASPARTATE AMINOTRANSFERASE, blood/ ENGLISH ABSTRACT/ *ERYTHROCYTES, enzymology/ FEMALE/ GLUCOSEPHOSPHATE DEHYDROGENASE, blood/ HUMAN/ ISOENZYMES, blood/ LACTATE

DEHYDROGENASE, blood/ PEPTIDE HYDROLASES, blood/ PEPTONES/ VITAMIN B 12, therapeutic use

6822. **Sarin RC:** Hazards of prolonged bed-rest. Clinical, biochemical and blood coagulation studies.
Indian J Med Sci 26:301-7, May 72
ADOLESCENCE/ ADULT/ AGED/ ALKALINE PHOSPHATASE, blood/ *BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ CALCIUM, blood/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PHOSPHORUS, blood/ PROTHROMBIN TIME/ *REST

6823. **Sarkany I, Gaylarde PM:** Action of staphylococcal epidermolytic toxin on mouse skin in organ culture.
Br J Dermatol 87:516-7, Nov 72
CYTOPHAGA, enzymology/ DNA, biosynthesis/ HUMAN/ MICE/ ORGAN CULTURE/ *PEPTIDE HYDROLASES, pharmacodynamics/ *SKIN, drug effects/ SKIN, metabolism/ *STAPHYLOCOCCUS/ *TOXINS, pharmacodynamics

6824. **Sarkas JK, Chakravarty SK, Sarkar RK:** Sporadic cases of haemorrhage and-or shock during dengue epidemics. Trans R Soc Trop Med Hyg 66:875-7, 1972
ADOLESCENCE/ ADULT/ ANTIGENS, VIRAL, analysis/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CHILD/ COMPLEMENT FIXATION TESTS/ *DENGUE, complications/ DENGUE, diagnosis/ DENGUE, immunology/ DENGUE VIRUS, isolation & purification/ EPIDEMIC HEMORRHAGIC FEVER, complications/ EPIDEMIC HEMORRHAGIC FEVER, immunology/ FEMALE/ HEMAGGLUTINATION INHIBITION TESTS/ *HEMORRHAGE, etiology/ HUMAN/ MALE/ MIDDLE AGE/ *SHOCK, etiology

6825. **Sarov I, Joklik WK:** Studies on the nature and location of the capsid polypeptides of vaccinia virions.
Virology 50:579-92, Nov 72
AUTORADIOGRAPHY/ CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ CHYMOTRYPSIN/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FLUORESCEINS/ GLYCOPEPTIDES, analysis/ IODINE ISOTOPES/ L CELLS/ MICE/ MOLECULAR WEIGHT/ PEPTIDES, analysis/ *PEPTIDES, analysis/ PHOSPHOPROTEINS, analysis/ PHOSPHORUS ISOTOPES/ STAINS AND STAINING/ SULFUR ISOTOPES/ SURFACE-ACTIVE AGENTS/ *VACCINIA VIRUS, analysis/ VACCINIA VIRUS, growth & development/ VIRAL PROTEINS, analysis/ *VIRAL PROTEINS, analysis

6826. **Sarup BM, Perkash A, Aikat BK:** Congenital Stuart-Prower factor (factor X) deficiency.
J Indian Med Assoc 59:110-4, 1 Aug 72
ADULT/ BLOOD TRANSFUSION/ CHILD, PRESCHOOL/ *FACTOR X/ HUMAN/ *HYPOPROTHROMBINEMIAS, congenital/ HYPOPROTHROMBINEMIAS, diagnosis/ HYPOPROTHROMBINEMIAS, therapy/ INFANT/ MALE

6827. **Sas G:** A haemostatikus rendszer szerepe a mesterséges szervek és a transzplantáció alkalmazásában.
Orv Hetil 114:1095-100, 13 May 73 (Hun)
*ARTIFICIAL ORGANS/ *BLOOD COAGULATION/ BLOOD VESSEL PROSTHESIS/ GRAFT REJECTION/ HEART VALVE PROSTHESIS/ HEMODIALYSIS/ *HEMOSTASIS/ HISTOCOMPATIBILITY/ HUMAN/ *TRANSPLANTATION

6828. **Sasahara AS:** Diagnose und Therapie der Lungenembolie.
Vasa 2:160-8, 1973 (Ger)
ANTICOAGULANTS, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, surgery/ PULMONARY EMBOLISM, therapy/ RADIOISOTOPE SCANNING

6829. **Sasaki N:** [Blood-clotting and fibrinolytic enzyme system in blood and tissue in experimental urinary bladder tumors in rats induced by oral administration of N-butyl-N-butanol(4)-nitrosamine]
Jap J Urol 64:383-96, May 73 (Jap)
ANIMAL EXPERIMENTS/ BLADDER NEOPLASMS, blood/ *BLADDER NEOPLASMS, chemically induced/ BLADDER NEOPLASMS, metabolism/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ MALE/ NEOPLASMS, EXPERIMENTAL, blood/ NEOPLASMS, EXPERIMENTAL, chemically induced/ NEOPLASMS, EXPERIMENTAL, metabolism/ *NITROSAMINES/ RATS

6830. **Sass MD:** Variations in the preservation of bank blood due to processing. Am J Clin Pathol 58:544-9, Nov 72
BLOOD BANKS/ *BLOOD PRESERVATION, standards/ *BLOOD SPECIMEN COLLECTION/ ERYTHROCYTES, metabolism/ HUMAN/ METHYLENE BLUE/ SEASONS/ TEMPERATURE

6831. **Satake K, Carballo J, Appert HE, et al:** Insulin levels in acute experimental pancreatitis in dogs.
Surg Gynecol Obstet 137:467-71, Sep 73
AMYLASE, analysis/ ANIMAL EXPERIMENTS/ ASCITIC FLUID, analysis/ BLOOD PRESSURE/ BLOOD SUGAR/ DOGS/ FEMALE/ FEMORAL VEIN/ HYPERGLYCEMIA, etiology/ INSULIN, antagonists & inhibitors/ INSULIN, blood/ *INSULIN, secretion/ LIPASE, analysis/ LYMPH, analysis/ MALE/ PANCREATITIS, complications/ *PANCREATITIS, metabolism/ PANCREATOPEPTIDASE, analysis/ PEPTIDE HYDROLASES, analysis/ PORTAL VEIN/ RADIOIMMUNOASSAY/ TIME FACTORS/ TRYPSIN, analysis/ TRYPSINOGEN, analysis

6832. **Satake K, Rozmanith JS, Appert HE, et al:** Hypotension and release of kinin-forming enzyme into ascitic fluid exudate during experimental pancreatitis in dogs.
Ann Surg 177:497-502, Apr 73
AMYLASE, analysis/ ANIMAL EXPERIMENTS/ ASCITIC FLUID/ BLOOD PRESSURE/ BRADYKININ, analysis/ DOGS/ ENZYME INDUCTION/ *ENZYMES, secretion/ *HYPOTENSION, etiology/ *KININS, biosynthesis/ LIPASE, analysis/ PANCREATIC JUICE, enzymology/ PANCREATITIS, complications/ *PANCREATITIS, enzymology/ REGIONAL BLOOD FLOW/ TRYPSIN, analysis/ TRYPSINOGEN, analysis

6833. **Satiukova GS, Kizhaev VI:** K voprosu o zakonomernostiakh morfogeneza limfaticheskoĭ i krovenosnoĭ sistemy kozhi.
Arkh Anat Gistol Embriol 63:21-7, Sep 72 (Rus)
ADULT/ ARTERIES, pathology/ CAPILLARIES, pathology/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, pathology/ HUMAN/ *LYMPHANGIOMA, pathology/ LYMPHATIC SYSTEM, pathology/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ SKIN, blood supply/ *SKIN, pathology/ *SKIN NEOPLASMS, pathology

6834. **Sato G, Miura S, Terakado N:** Classification of chicken coagulase-positive staphylococci into four biological types and relation of the types to additional characteristics including coagulase-antigenic type.
Jap J Vet Res 20:91-110, Dec 72
ANIMAL EXPERIMENTS/ *ANTIGENS, BACTERIAL/ *CHICKENS/ *COAGULASE/ MICE/ *POULTRY DISEASES, microbiology/ STAPHYLOCOCCAL INFECTIONS, microbiology/ STAPHYLOCOCCAL INFECTIONS, veterinary/ STAPHYLOCOCCUS, classification/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, immunology

6835. **Sato H, Takaki S:** Relation between enzymic acitvities and pathohistological changes caused by fractionated Habu venom.
J Formosan Med Assoc 71:408-12, 28 Jun 72
AMINOACID OXIDOREDUCTASES, isolation & purification/ CHOLINESTERASE, isolation &

purification/ ELECTROPHORESIS, STARCH GEL/ *HEART, drug effects/ *KIDNEY, drug effects/ KIDNEY, pathology/ *LIVER, drug effects/ LIVER, pathology/ MYOCARDIUM, pathology/ PEPTIDE HYDROLASES, isolation & purification/ PHOSPHOLIPASE, isolation & purification/ *SNAKES, enzymology/ *SPLEEN, drug effects/ SPLEEN, pathology/ *VENOMS, pharmacodynamics/ VENOMS, toxicity

6836. **Sato K, Araki K, Takeyama M, et al:** [Platelet counting with micro cell counter]
Jap J Clin Pathol 21:461-4, May 73 **(Jap)**
AUTOMATION/ *BLOOD CELL COUNT, instrumentation/ *BLOOD PLATELETS/ HUMAN

6837. **Satoh C, Duff R, Rapp F, et al:** Production of mucopolysaccharides by normal and transformed cells. Proc Natl Acad Sci USA 70:54-6, Jan 73
CELL LINE/ *CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED, metabolism/ CHONDROITIN, biosynthesis/ EMBRYO/ *FIBROBLASTS, metabolism/ GLUCOSAMINE, metabolism/ HAMSTERS/ HEPARIN, biosynthesis/ HEPARITIN SULFATE, biosynthesis/ HERPESVIRUS HOMINIS/ HEXOSAMINIDASES, metabolism/ HYALURONIC ACID, biosynthesis/ HYALURONIDASE, metabolism/ KIDNEY/ KINETICS/ MONKEYS/ *MUCOPOLYSACCHARIDES, biosynthesis/ MUCOPOLYSACCHARIDES, metabolism/ SV40 VIRUS/ TRITIUM

6838. **Satow Y, Mitsui Y, Iitaka Y, et al:** Crystallization and preliminary X-ray investigation of a new alkaline protease inhibitor and its complex with subtilisin BPN. J Mol Biol 75:745-6, 25 Apr 73
*BACTERIAL PROTEINS, analysis/ BACTERIAL PROTEINS, pharmacodynamics/ BINDING SITES/ CRYSTALLIZATION/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PROTEIN BINDING/ PROTEIN CONFORMATION/ STREPTOMYCES/ SUBTILISINS/ X-RAY DIFFRACTION

6839. **Satpathy NK, Nanda K, Swain H:** Plasma fibrinogen in different trimesters of pregnancy and its relation with blood sedimentation rate.
J Indian Med Assoc 58:417-9, 1 Jun 72
BLOOD SEDIMENTATION/ FEMALE/ *FIBRINOGEN, analysis/ HEMOGLOBINOMETRY/ HUMAN/ *PREGNANCY/ TIME FACTORS

6840. **Satterwhite TK, Hawiger J, Burklow SL, et al:** Degradation products of fibrinogen and fibrin in bacteremia due to gram-negative rods.
J Infect Dis 127:437-41, Apr 73
ADOLESCENCE/ ADULT/ AGED/ ANTIBIOTICS, therapeutic use/ BLOOD CELL COUNT/ BLOOD COAGULATION/ BLOOD PLATELETS, analysis/ DRAINAGE/ FEMALE/ FIBRIN, analysis/ *FIBRIN, metabolism/ FIBRINOGEN, analysis/ *FIBRINOGEN, metabolism/ FIBRINOLYSIS/ *GRAM NEGATIVE BACTERIA/ HUMAN/ MALE/ MIDDLE AGE/ PLASMINOGEN, analysis/ PLASMINOGEN, metabolism/ *SEPTICEMIA, blood/ SEPTICEMIA, drug therapy/ SEPTICEMIA, etiology/ TIME FACTORS

6841. **Satyanarayana T, Getzin LW:** Properties of a stable cell-free esterase from soil.
Biochemistry 12:1566-72, 10 Apr 73
AMINO ACIDS, analysis/ CARBON ISOTOPES/ CELL-FREE SYSTEM/ COPPER, pharmacodynamics/ DRUG STABILITY/ ELECTROPHORESIS/ ESTERASES, antagonists & inhibitors/ *ESTERASES, isolation & purification/ ESTERASES, metabolism/ GEL FILTRATION/ KINETICS/ LEAD/ MALATHION, metabolism/ MERCURY, pharmacodynamics/ PEPTIDE HYDROLASES, pharmacodynamics/ SILVER, pharmacodynamics/ *SOIL, analysis/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TEMPERATURE

6842. **Sauer MC, Senft AW:** Properties of a proteolytic enzyme from Schistosoma mansoni.
Comp Biochem Physiol [B] 42:205-20, 15 Jun 72
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ ASPARTIC ACID, analysis/ CHROMATOGRAPHY, AFFINITY/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ GLOBIN/ GLUTAMATES, analysis/ HYDROGEN-ION CONCENTRATION/ ISOELECTRIC FOCUSING/ KINETICS/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, isolation & purification/ PHENYLALANINE/ *SCHISTOSOMA MANSONI, enzymology/ SPECTROPHOTOMETRY, ULTRAVIOLET

6843. **Saumarez RC, Bolt JF, Gregory RJ:** Neurological decompression sickness treated without recompression. Br Med J 1:151-2, 20 Jan 73
ADULT/ DECOMPRESSION SICKNESS, complications/ *DECOMPRESSION SICKNESS, therapy/ DEXTRAN, therapeutic use/ EMBOLISM, FAT, therapy/ HEPARIN, therapeutic use/ HUMAN/ HYPERLIPEMIA, etiology/ MALE/ MANNITOL, therapeutic use/ OXYGEN INHALATION THERAPY/ PULMONARY EMBOLISM, etiology/ THROMBOPENIA, etiology

6844. **Saunders L, Natunen T:** A statistical approach to pharmacokinetic calculations.
J Pharm Pharmacol 24:Suppl:94P-99P, Dec 72
ANIMAL EXPERIMENTS/ BISHYDROXYCOUMARIN, blood/ COMPUTERS, DIGITAL/ DOGS/ *DRUGS, metabolism/ GALLAMINE TRIETHIODIDE, metabolism/ HUMAN/ INJECTIONS, INTRAVENOUS/ *KINETICS/ MATHEMATICS/ MODELS, BIOLOGICAL/ REGRESSION ANALYSIS/ SULFONAMIDES, blood

6845. **Saunders RM, Connor MA, Booth AN, et al:** Measurement of digestibility of alfalfa protein concentrates by in vivo and in vitro methods.
J Nutr 103:530-5, Apr 73
*ALFALFA/ ALFALFA, cytology/ ANIMAL EXPERIMENTS/ ANIMAL NUTRITION/ CYTOPLASM/ *DIETARY PROTEINS, metabolism/ DIGESTION/ EVALUATION STUDIES/ FOOD-PROCESSING INDUSTRY/ FREEZE DRYING/ HEAT/ MALE/ PANCREATIN/ PAPAIN/ PEPSIN/ *PLANT PROTEINS, metabolism/ RATS/ SOLUBILITY/ TIME FACTORS/ TRYPSIN

6846. **Saunders WH:** Sudden deafness and its several treatments. Laryngoscope 82:1206-13, Jul 72
ADRENAL CORTEX HORMONES, therapeutic use/ ANTICOAGULANTS, therapeutic use/ COCHLEAR NERVE/ CORTICOTROPIN, therapeutic use/ *DEAFNESS, drug therapy/ DEAFNESS, etiology/ DEXTRAN, therapeutic use/ HISTAMINE, therapeutic use/ HUMAN/ LABYRINTH DISEASES, complications/ NEURITIS, complications/ THROMBOSIS, complications/ VASCULAR DISEASES, complications/ VASODILATOR AGENTS, therapeutic use/ VIRUS DISEASES, complications

6847. **Sautter RD, Myers WO, Ray JF 3d, et al:** Relationship of fibrinolytic system to postoperative thrombotic phenomena. Arch Surg 107:292-6, Aug 73
ADULT/ AGE FACTORS/ AGED/ *BLOOD COAGULATION TESTS/ FEMALE/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ FIBRINOLYSIS, drug effects/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS/ SEX FACTORS/ THROMBOSIS, drug therapy/ *THROMBOSIS, etiology/ THROMBOSIS, prevention & control

6848. **Savel'ev AI:** Vliianie geparina na soderzhanie serotonina i svertyvaemost' krovi u bol'nykh koronarnym ateroskleroz om v predynfarktnom sostoianii.
Vrach Delo 11:14-8, Nov 72 **(Rus)**

ADULT/ AGED/ ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, complications/ CORONARY DISEASE, blood/ *CORONARY DISEASE, complications/ ENGLISH ABSTRACT/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, prevention & control/ *SEROTONIN, blood

6849. **Savel'ev AI:** Biologicheskaia aktivnost' serotonina v krovi u bol'nykh infarktom miokarda.
Kardiologiia 12:42-4, Feb 72 (Rus)
ACUTE DISEASE/ ADULT/ AGED/ CORONARY VESSELS, drug effects/ ENGLISH ABSTRACT/ FEMALE/ HEART, drug effects/ HEPARIN, antagonists & inhibitors/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, chemically induced/ SEROTONIN, adverse effects/ *SEROTONIN, blood/ SEROTONIN, pharmacodynamics

6850. **Savel'eva AV:** Vliianie retabolila na sistemu gemokoaguliatsii.
Farmakol Toksikol 36:62-4, Jan-Feb 73 (Rus)
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ HEPARIN, metabolism/ *NANDROLONE, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ RABBITS

6851. **Savel'eva TV:** Svertyvaemost' arterial'noi i venoznoi krovi u zdorovykh lits i bol'nykh revmaticheskimi porkami serdtsa. Kardiologiia 13:121-3, May 73 (Rus)
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION/ *BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION TESTS/ FEMALE/ HEART VALVE DISEASES, blood/ HUMAN/ MALE/ MIDDLE AGE/ *RHEUMATIC HEART DISEASE, blood

6852. **Savoie LL:** Rôle du magnésium, du potassium, d'antikallurétiques et d'hypocholestérolémiants dans le développement de lésions cardiaques chez le rat nourriavec un régime thrombogène et le Na 2 HPO 4.
Pathol Biol (Paris) 20:751-6, Oct 72 (Fre)
ANIMAL EXPERIMENTS/ *ANTICHOLESTEREMIC AGENTS, pharmacodynamics/ CLOFIBRATE, pharmacodynamics/ *DIET, ATHEROGENIC/ *DIURETICS, pharmacodynamics/ ENGLISH ABSTRACT/ ESTROGENIC SUBSTANCES, CONJUGATED, pharmacodynamics/ *MAGNESIUM, pharmacodynamics/ *MYOCARDIAL INFARCT, etiology/ NECROSIS, etiology/ NICOTINIC ACID, pharmacodynamics/ *PHOSPHATES, antagonists & inhibitors/ *POTASSIUM, pharmacodynamics/ RATS/ THYROXINE, pharmacodynamics/ WATER-ELECTROLYTE BALANCE

6853. **Savory J, Killingsworth LM:** Determination of alpha-1 antitrypsin by a nephelometric procedure.
Ann Clin Lab Sci 3:43-7, Jan-Feb 73
ANTIGEN-ANTIBODY COMPLEX, analysis/ FLUOROMETRY/ GOATS, immunology/ HUMAN/ IMMUNE SERUMS/ METHODS/ PULMONARY EMPHYSEMA, blood/ SODIUM CHLORIDE/ *TRYPSIN INHIBITORS, blood

6854. **Sawai T, Crane LJ, Lampen JO:** Evidence for phospholipid in plasma membrane penicillinase of Bacillus licheniformis 749-C.
Biochem Biophys Res Commun 53:523-30, 17 Jul 73
AMINO ACIDS, analysis/ AUTOANALYSIS/ BACILLUS, cytology/ *BACILLUS, enzymology/ CARBON ISOTOPES/ CELL MEMBRANE, enzymology/ DRUG STABILITY/ ELECTROPHORESIS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ HEAT/ MOLECULAR WEIGHT/ *PENICILLINASE, analysis/ PENICILLINASE, isolation & purification/ PHOSPHOLIPASE/ *PHOSPHOLIPIDS, analysis/ PHOSPHORUS ISOTOPES/ SODIUM DODECYL SULFATE/ TRITIUM/ TRYPSIN/ UREA

6855. **Sawhney KL, Rao PB, Sankaran V:** Hemangioma of maxilla.
Ann Otol Rhinol Laryngol 82:254-6, Mar-Apr 73
BIOPSY/ *HEMANGIOMA, CAVERNOUS, radiography/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ MALE/ MAXILLA, pathology/ *MAXILLARY NEOPLASMS, radiography/ MAXILLARY NEOPLASMS, surgery/ MIDDLE AGE

6856. **Sawkar LA:** Hyperviscosity syndrome in acute plasma cell leukaemia.
J Assoc Physicians India 20:397-402, May 72
*BLOOD VISCOSITY/ CHLORAMBUCIL, therapeutic use/ EXCHANGE TRANSFUSION/ *HEMATOLOGIC DISEASES, etiology/ HEMATOLOGIC DISEASES, therapy/ HUMAN/ *LEUKEMIA, PLASMACYTIC, complications/ LEUKEMIA, PLASMACYTIC, drug therapy/ MALE/ MIDDLE AGE/ MYELOMA PROTEINS/ SYNDROME

6857. **Sawyer PN, Stanczewski B, Pomerance A, et al:** Utility of anticoagulant drugs in vascular thrombosis: electron microscopic and biophysical study.
Surgery 74:263-75, Aug 73
ANIMAL EXPERIMENTS/ *ANTICOAGULANTS, therapeutic use/ *BLOOD COAGULATION, drug effects/ BLOOD VESSELS, injuries/ CATHETERIZATION, adverse effects/ DENSITOMETRY/ DEXTRAN, pharmacodynamics/ DOGS/ ELECTRODES/ ELECTROPHYSIOLOGY/ HEPARIN, antagonists & inhibitors/ HEPARIN, pharmacodynamics/ HEPARIN, therapeutic use/ MICROSCOPY, ELECTRON, SCANNING/ PROTAMINES, pharmacodynamics/ *THROMBOSIS, drug therapy/ THROMBOSIS, pathology/ THROMBOSIS, physiopathology

6858. **Sawyer TH, Tilley BE, Gracy RW:** Studies on human triosephosphate isomerase. II. Nature of the electrophoretic multiplicity in erythrocytes.
J Biol Chem 247:6499-505, 25 Oct 72
ALKYLATION/ AMINO ACIDS, analysis/ CARBOHYDRATE ISOMERASES, analysis/ *CARBOHYDRATE ISOMERASES, blood/ CATALYSIS/ CHROMATOGRAPHY, THIN LAYER/ ELECTROPHORESIS/ ELECTROPHORESIS, DISK/ *ERYTHROCYTES, enzymology/ GUANIDINES/ HUMAN/ IODOACETATES/ ISOELECTRIC FOCUSING/ KINETICS/ MACROMOLECULAR SYSTEMS/ MERCAPTOETHANOL/ MOLECULAR WEIGHT/ ORGANOPHOSPHORUS COMPOUNDS/ OXIDATION-REDUCTION/ PEPTIDES, isolation & purification/ TOSYL COMPOUNDS/ TRIOSES/ TRYPSIN/ ULTRACENTRIFUGATION

6859. **Schaewen H von:** Methodische Untersuchung zur Bestimmung der Stypven Gerinnungszeit im Plasma vom Hund.
Berl Munch Tieraerztl Wochenschr 86:32-4, 15 Jan 73 (Ger)
ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ *BLOOD COAGULATION TESTS, veterinary/ *DOGS/ ENGLISH ABSTRACT/ METHODS/ PROTEINS, pharmacodynamics/ SNAKES/ VENOMS, pharmacodynamics

6860. **Schaff Z, Heine U, Dalton AJ:** Ultramorphological and ultracytochemical studies on tubuloreticular structures in lymphoid cells.
Cancer Res 32:2696-706, Dec 72
CELLS, CULTURED/ *CELLULAR INCLUSIONS/ CELLULAR INCLUSIONS, analysis/ CHEMISTRY/ CYTOPLASM/ HISTOCYTOCHEMISTRY/ HUMAN/ LYMPHOCYTE TRANSFORMATION/ *LYMPHOID TISSUE, pathology/ *LYMPHOSARCOMA, pathology/ MICROSCOPY, ELECTRON/ *PARAGANGLIOMA, pathology/ PEPSIN/ PRONASE/ RIBONUCLEASE/ TRYPSIN

6861. **Schallehn G, Müller HE:** Uber die Einwirkung proteolytischer Enzyme von Clostridium histolyticum und Clostridium novyi auf menschliche

Plasmacelweibbkörper in Wachstumskulturen.
Zentralbl Bakteriol [Orig A] 224:102-14, Jun 73 (Ger)
ANIMAL EXPERIMENTS/ *BLOOD PROTEINS, metabolism/ CERULOPLASMIN/ CHYMOTRYPSIN, antagonists & inhibitors/ CLOSTRIDIOPEPTIDASE A, metabolism/ *CLOSTRIDIUM, enzymology/ CLOSTRIDIUM INFECTIONS/ ENGLISH ABSTRACT/ FIBRINOGEN/ GLYCOPROTEINS/ GUINEA PIGS/ HAPTOGLOBINS/ HEMOPEXIN/ HUMAN/ IMMUNOELECTROPHORESIS/ LIPASE, metabolism/ LIPID MOBILIZATION/ LIPOPROTEINS/ PANCREATOPEPTIDASE, metabolism/ *PEPTIDE HYDROLASES, metabolism/ TRANSFERRIN/ TRYPSIN INHIBITORS

6862. **Schaller J:** Arthritis as a presenting manifestation of malignancy in children. J Pediatr 81:793-7, Oct 72
*ARTHRITIS, etiology/ ARTHRITIS, JUVENILE RHEUMATOID, etiology/ BLOOD PLATELETS/ BLOOD SEDIMENTATION/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ FEVER/ FLUORESCENT ANTIBODY TECHNIC/ HEMATOCRIT/ HEPATOMEGALY, etiology/ HUMAN/ LATEX FIXATION TESTS/ *LEUKEMIA, LYMPHOBLASTIC, complications/ LEUKEMIA, LYMPHOBLASTIC, radiography/ LEUKOCYTE COUNT/ LUPUS ERYTHEMATOSUS, SYSTEMIC, etiology/ MALE/ RHEUMATIC FEVER, complications/ SPLENOMEGALY, etiology

6863. **Schaller K:** Ursachen des veränderten Falithrombedarfes nach einem Herzinfarkt.
Z Gesamte Inn Med 27:756-8, 1 Sep 72 (Ger)
ANTICOAGULANTS, administration & dosage/ *ANTICOAGULANTS, metabolism/ BENZYL COMPOUNDS, administration & dosage/ BENZYL COMPOUNDS, metabolism/ COUMARINS, administration & dosage/ *COUMARINS, metabolism/ ENGLISH ABSTRACT/ FEMALE/ HEART FAILURE, CONGESTIVE, metabolism/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, metabolism/ PROTHROMBIN, analysis/ TIME FACTORS

6864. **Schalm OW:** Interpretation of canine hemograms.
Mod Vet Pract 54:39-41, Feb 73
ANEMIA, HEMOLYTIC, blood/ ANEMIA, HEMOLYTIC, veterinary/ ANEMIA, HEMOLYTIC, veterinary/ ANIMAL EXPERIMENTS/ BLOOD PROTEINS, analysis/ BLOOD SEDIMENTATION/ DEHYDRATION, blood/ DEHYDRATION, veterinary/ DIABETES MELLITUS, blood/ DIABETES MELLITUS, veterinary/ *DOG DISEASES, blood/ DOG DISEASES, chemically induced/ DOGS/ EPILEPSY, TEMPORAL LOBE, blood/ EPILEPSY, TEMPORAL LOBE, veterinary/ HEMATOCRIT/ NEPHRITIS, INTERSTITIAL, blood/ NEPHRITIS, INTERSTITIAL, veterinary/ PANCREATIC DISEASES, blood/ PANCREATIC DISEASES, veterinary/ PANCREATIC NEOPLASMS, blood/ PANCREATIC NEOPLASMS, veterinary/ WARFARIN, poisoning

6865. **Schalm SW:** Liver preservation without perfusion.
Folia Med Neerl 15:198-206, 1972 (47 ref.)
AGE FACTORS/ ANIMAL EXPERIMENTS/ CHLORPROMAZINE, pharmacodynamics/ GLUCOSE, pharmacodynamics/ HEPARIN, pharmacodynamics/ HUMAN/ HYDROCORTISONE, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ HYPERBARIC OXYGENATION/ HYPOTHERMIA, INDUCED/ INDOMETHACIN, pharmacodynamics/ ISOPROTERENOL, pharmacodynamics/ *LIVER/ LIVER, drug effects/ LIVER, transplantation/ LIVER CIRCULATION/ LIVER FUNCTION TESTS/ METHODS/ METHYLPREDNISOLONE, pharmacodynamics/ PERFUSION/ PHENOXYBENZAMINE, pharmacodynamics/ PROCAINE, pharmacodynamics/ REVIEW/ *TISSUE PRESERVATION/ WATER-ELECTROLYTE BALANCE

6866. **Schamaun M, Bernhardt D, Hörder MH:** Bedeutung der Verbrauchskoagulopathie bei der posttraumatischen respiratorischen Insuffizienz. Erste Erfahrungen mit der Heparinbehandlung.
Schweiz Med Wochenschr 103:941-6, 30 Jun 73 (Ger)
ACCIDENTS, TRAFFIC/ ADULT/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ EMBOLISM, FAT, etiology/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, INTRAVENOUS/ MALE/ *RESPIRATORY INSUFFICIENCY, etiology/ THROMBOPENIA, complications/ *WOUNDS AND INJURIES, complications

6867. **Schär M:** Koronarsklerose: Möglichkeiten der Prophylaxe. Praxis 62:226-8, 20 Feb 73 (Ger)
ADULT/ AGED/ *CORONARY DISEASE, prevention & control/ DIET, ATHEROGENIC/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ SMOKING, complications

6868. **Scharmann W:** Vorkommen von Elastase bei Pseudomonas und Aeromonas.
Zentralbl Bakteriol [Orig A] 220:435-42, May 72 (Ger)
AEROMONAS, drug effects/ *AEROMONAS, enzymology/ ANTIGEN-ANTIBODY REACTIONS/ BACTERIOCINS, pharmacodynamics/ CROSS REACTIONS/ ELASTIN/ ENGLISH ABSTRACT/ FIBRINOLYTIC AGENTS, analysis/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ MICROBIAL SENSITIVITY TESTS/ MUTATION/ *PANCREATOPEPTIDASE, analysis/ PSEUDOMONAS, drug effects/ *PSEUDOMONAS, enzymology/ RABBITS, immunology

6869. **Schechter GL, Biller HF:** The limitations of corticosteroids and cryotherapy for subglottic hemangioma.
Trans Am Acad Ophthalmol Otolaryngol 76:1360-2, Sep-Oct 72
*CRYOTHERAPY/ FEMALE/ *GLOTTIS/ HEMANGIOMA, drug therapy/ HEMANGIOMA, therapy/ HUMAN/ INFANT/ LARYNGEAL NEOPLASMS, drug therapy/ *LARYNGEAL NEOPLASMS, therapy/ PREDNISONE, administration & dosage/ *PREDNISONE, therapeutic use

6870. **Schechter Y, Patchornik A, Burstein Y:** Selective reduction of cystine 1-8 in alpha-lactalbumin.
Biochemistry 12:3407-13, 28 Aug 73
ALKYLATION/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CARBON ISOTOPES/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ *CYSTINE/ DISULFIDES/ DITHIOTHREITOL/ ELECTROPHORESIS, DISK/ GALACTOSE/ GEL FILTRATION/ HEXOSYLTRANSFERASES/ HYDROGEN-ION CONCENTRATION/ IODOACETATES/ *LACTALBUMIN/ LACTALBUMIN, analysis/ LACTALBUMIN, isolation & purification/ *MILK, analysis/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ PRECIPITIN TESTS/ RABBITS, immunology/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPSIN

6871. **Scheel H, Bergmann A, Wegner H:** Das Verhalten des Progressiv-Antithrombins unter Langzeittherapie mit Antikoagulantien (Vitamin-K-Antagonisten.
Z Gesamte Inn Med 28:38-41 passim, 1 Feb 73 (Ger)
ADULT/ AGED/ *ANTICOAGULANTS, administration & dosage/ *ANTITHROMBIN, metabolism/ ARTERIAL OCCLUSIVE DISEASES, drug therapy/ BENZYL COMPOUNDS, administration & dosage/ BLOOD COAGULATION TESTS/ COUMARINS, administration & dosage/ EMBOLISM, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LONG TERM CARE/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, drug therapy/ THROMBOPHLEBITIS, drug therapy/ TIME FACTORS/ VITAMIN K, antagonists & inhibitors

6872. **Scheele K, Klaus EJ, Walter KH, et al:** Uber das Verhalten der Blutgerinnung, der Fibrinolyse und der Transaminasen unter Ovulationshemmern bei und nach dosierter körperlicher Belastung.
Med Welt 23:1118-20, 19 Aug 72 (Ger)
ADULT/ *AMINOTRANSFERASES, blood/ *BLOOD COAGULATION DISORDERS, chemically induced/ *CONTRACEPTIVE AGENTS, adverse effects/ EXERTION/ FEMALE/ *FIBRINOLYSIS, drug effects/ HUMAN/ THROMBELASTOGRAPHY

6873. **Scheffner D, Willie L:** Acute infantile hemiplegia due to obstruction of intracranial arterial vessels.
Neuropaediatrie 4:7-19, Jan 73
AGE FACTORS/ ANTIBIOTICS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ AUTOIMMUNE DISEASES/ CEREBRAL ANGIOGRAPHY/ CEREBRAL ARTERY DISEASES, complications/ CEREBRAL ARTERY DISEASES, drug therapy/ CEREBRAL ARTERY DISEASES, immunology/ CEREBRAL ARTERY DISEASES, radiography/ *CEREBROVASCULAR DISORDERS, complications/ CEREBROVASCULAR DISORDERS, drug therapy/ CEREBROVASCULAR DISORDERS, immunology/ CEREBROVASCULAR DISORDERS, radiography/ CHILD/ ELECTROENCEPHALOGRAPHY/ EVALUATION STUDIES/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ *HEMIPLEGIA, etiology/ HUMAN/ MALE

6874. **Scheie HG, Morse PH, Aminlari A:** Incidence of retinal detachment following cataract extraction.
Arch Ophthalmol 89:293-5, Apr 73
CHYMOTRYPSIN/ *ENZYMATIC ZONULOLYSIS/ HUMAN/ *POSTOPERATIVE COMPLICATIONS/ *RETINAL DETACHMENT, occurrence

6875. **Scheintaub HM, Fiel RJ:** Polyanion induced physical changes in isolated nuclei.
Arch Biochem Biophys 158:171-6, Sep 73
ANIMAL EXPERIMENTS/ CELL FRACTIONATION/ CELL NUCLEUS, analysis/ CENTRIFUGATION, ZONAL/ *CHONDROITIN/ *DEXTRAN/ *HEPARIN/ INTESTINAL MUCOSA/ LIGHT/ MICE/ MICE, INBRED STRAINS/ *POLYSTYRENES/ *PYRANS/ SCATTERING/ *SPLEEN, cytology/ SULFONIC ACIDS/ SULFURIC ACIDS/ TIME FACTORS

6876. **Schengrund CL, Lausch RN, Rosenberg A:** Sialidase activity in transformed cells.
J Biol Chem 248:4424-8, 25 Jun 73
ADENOVIRUS/ CELL LINE/ *CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED, drug effects/ *CELLS, CULTURED, enzymology/ CELLS, CULTURED, metabolism/ CHROMATOGRAPHY, THIN LAYER/ EMBRYO, enzymology/ EMBRYO, metabolism/ FEMALE/ FIBROBLASTS, enzymology/ FREEZING/ GANGLIOSIDES, isolation & purification/ GANGLIOSIDES, metabolism/ HAMSTERS/ HYDROGEN-ION CONCENTRATION/ KIDNEY, enzymology/ KIDNEY, metabolism/ LIPIDS/ NEURAMINIC ACIDS, metabolism/ *NEURAMINIDASE, metabolism/ PREGNANCY/ SV40 VIRUS/ TRYPSIN, pharmacodynamics

6877. **Schenken JR:** Gangrene of the extremities in a newborn premature infant. Report of a case associated with pulmonary hyaline membrane disease.
Clin Pediatr (Phila) 12:285-7, May 73
CATHETERIZATION, adverse effects/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *GANGRENE, etiology/ HUMAN/ *HYALINE MEMBRANE DISEASE, therapy/ INFANT, NEWBORN/ *INFANT, PREMATURE, DISEASES/ MALE/ UMBILICAL VEINS

6878. **Schenker JG, Polishuk WZ:** Regeneration of rabbit endometrium following intrauterine instillation of chemical agents. Gynecol Invest 4:1-13, 1973
ADHESIONS, chemically induced/ ANIMAL EXPERIMENTS/ COPPER, pharmacodynamics/ *ENDOMETRIUM, drug effects/ ENDOMETRIUM, pathology/ FEMALE/ FORMALDEHYDE, pharmacodynamics/ GRANULATION TISSUE/ *IRRITANTS, pharmacodynamics/ NECROSIS, chemically induced/ NECROSIS, pathology/ QUINACRINE, pharmacodynamics/ RABBITS/ *REGENERATION/ SODIUM DODECYL SULFATE, pharmacodynamics/ SULFATES, pharmacodynamics/ TALC, pharmacodynamics/ UTERINE DISEASES, chemically induced/ WOUND HEALING

6879. **Schennach W:** Das kavernöse Hämangiom von Rektum und Sigma.
Wien Klin Wochenschr 85:158-9, 9 Mar 73 (Ger)
ADULT/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, CAVERNOUS, diagnosis/ HEMANGIOMA, CAVERNOUS, surgery/ HUMAN/ LAPAROTOMY/ *RECTAL NEOPLASMS, diagnosis/ RECTAL NEOPLASMS, surgery/ *SIGMOID NEOPLASMS, diagnosis/ SIGMOID NEOPLASMS, surgery

6880. **Schennach W, Dorfmann A:** Zur Problematik des akuten Mesenterialarterienverschlusses.
Thoraxchirurgie 20:457-62, Dec 72 (Ger)
ACUTE DISEASE/ ANTICOAGULANTS, therapeutic use/ AUSTRIA/ EMBOLISM, surgery/ ENGLISH ABSTRACT/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ *MESENTERIC ARTERIES, surgery/ MESENTERIC VASCULAR OCCLUSION, drug therapy/ MESENTERIC VASCULAR OCCLUSION, mortality/ *MESENTERIC VASCULAR OCCLUSION, surgery/ THROMBOSIS, surgery/ TIME FACTORS

6881. **Schepens CL:** Recent advances in the treatment of retinal detachment.
Trans Aust Coll Ophthalmol 3:86-100, 1971
ADHESIONS, surgery/ COMPARATIVE STUDY/ CRYOGENIC SURGERY/ ELECTROCOAGULATION/ EVALUATION STUDIES/ EYE DISEASES, surgery/ FUNDUS OCULI/ GELATIN/ HUMAN/ INJECTIONS/ LASER COAGULATION/ LIGHT COAGULATION/ METHODS/ *PROSTHESIS/ *RETINAL DETACHMENT, surgery/ *SCLERA, surgery/ SILICONES/ TIME FACTORS/ *VITREOUS BODY, surgery/ XENON

6882. **Scher I, Hamerman D:** Isolation of human synovial-fluid hyaluronate by density-gradient ultracentrifugation and evaluation of its protein content.
Biochem J 126:1073-80, Mar 72
CENTRIFUGATION, DENSITY GRADIENT/ HUMAN/ *HYALURONIC ACID, isolation & purification/ IODINE ISOTOPES/ METHODS/ PEPTIDES, analysis/ PROTEIN BINDING/ *PROTEINS, isolation & purification/ *SYNOVIAL FLUID, analysis/ TRYPSIN/ ULTRACENTRIFUGATION

6883. **Scherer R:** Postoperative Beschleunigung der Blutsenkung.
Dtsch Med Wochenschr 98:1144, 1 Jun 73 (Ger)
BLOOD PROTEIN DISORDERS/ *BLOOD SEDIMENTATION/ GLYCOPROTEINS, blood/ HAPTOGLOBINS/ HUMAN/ HYPERGAMMAGLOBULINEMIA, etiology/ *POSTOPERATIVE COMPLICATIONS, blood/ TRYPSIN INHIBITORS, blood

6884. **Scheres JM:** Identification of two Robertsonian translocations with a Giemsa banding technique.
Humangenetik 15:253-6, 1972
ADOLESCENCE/ ADULT/ CELLS, CULTURED/ *CHROMOSOME ABERRATIONS/ *CHROMOSOME MAPPING/ CHROMOSOMES, HUMAN, 13-15/ CHROMOSOMES, HUMAN, 21-22/ FEMALE/ HUMAN/ KARYOTYPING/ LYMPHOCYTES/ MALE/ STAINS AND STAINING/ TRYPSIN

6885. **Schewe T, Hiebsch C, Rapoport S:** Biochemisch Vorgänge bei der Erythrozytenreifung. Weiteren

Ergebnisse zum Wirkort des Atmungshemmstoffes F aus Retidulozyten in der Atmungskette.
Acta Biol Med Ger 29:189-206, 1972 (Ger)
AMOBARBITAL, pharmacodynamics/ ANAEROBIOSIS/ BINDING SITES/ BUTANONES, pharmacodynamics/ CATTLE/ *CHELATING AGENTS, physiology/ CYTOCHROME C, metabolism/ DRUG SYNERGISM/ ELECTRON TRANSPORT/ ENGLISH ABSTRACT/ *ERYTHROPOIESIS/ FERRICYANIDES, metabolism/ FLUORINE, pharmacodynamics/ GLYCERIDES, pharmacodynamics/ IRON, metabolism/ IRON, physiology/ NAD, metabolism/ RABBITS/ *RETICULOCYTES/ ROTENONE, pharmacodynamics/ SUCCINATE DEHYDROGENASE, antagonists & inhibitors/ SUCCINATES, metabolism/ SULFHYDRYL COMPOUNDS, physiology/ THIOPHENES, pharmacodynamics/ UBIQUINONE, metabolism/ VITAMIN K, metabolism

6886. **Schick PK**: Hemophilia.
Med Clin North Am 57:1095-106, Jul 73 (52 ref.)
BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ *CHRISTMAS DISEASE/ FACTOR VIII/ FACTOR VIII, therapeutic use/ FACTOR IX/ FACTOR IX, therapeutic use/ HEMARTHROSIS, etiology/ HEMATOMA, SUBDURAL, etiology/ *HEMOPHILIA/ HEMOPHILIA, complications/ HEMOPHILIA, diagnosis/ HEMOPHILIA, etiology/ HEMOPHILIA, physiopathology/ HEMOPHILIA, therapy/ HUMAN/ MALE/ PROTHROMBIN TIME/ REVIEW/ TRANSPLANTATION

6887. **Schick PK, Spaet TH, Jaffé ER**: The effects of phenazinemethosulfate and methylene blue on human platelet phospholipid synthesis.
Proc Soc Exp Biol Med 141:114-8, Oct 72
*BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ CEPHALINS, biosynthesis/ CHROMATOGRAPHY, THIN LAYER/ GLYCERIN, metabolism/ HUMAN/ LECITHINS, biosynthesis/ *METHYLENE BLUE, pharmacodynamics/ *PHENAZINES, pharmacodynamics/ PHOSPHOINOSITIDES, biosynthesis/ *PHOSPHOLIPIDS, biosynthesis/ PHOSPHOLIPIDS, blood/ SEROTONIN, metabolism/ SPHINGOMYELINS, biosynthesis/ STIMULATION, CHEMICAL/ SULFITES, pharmacodynamics

6888. **Schieck A, Habermann E, Kornalik F**: The prothrombin-activating principle from Echis carinatus venom. II. Coagulation studies in vitro and in vivo.
Naunyn Schmiedebergs Arch Pharmacol 274:7-17, 1972
ANIMAL EXPERIMENTS/ ANTICOAGULANTS/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION DISORDERS, chemically induced/ CALCIUM, pharmacodynamics/ COUMARINS/ FIBRINOLYSIS, drug effects/ IONS/ LETHAL DOSE 50/ MICE/ MICE, INBRED STRAINS/ PROTHROMBIN/ PROTHROMBIN TIME/ RABBITS/ RATS/ SNAKES/ SPECIES SPECIFICITY/ THROMBOPLASTIN/ *VENOMS, pharmacodynamics/ VENOMS, toxicity

6889. **Schiessler H, Fritz H, Arnhold M, et al**: Eigenschaften des Trypsin-ähnlichen Enzyms (Akrosin) aus Eberspermien.
Hoppe Seylers Z Physiol Chem 353:1638-45, Oct 72 (Ger)
ADSORPTION/ ALCOHOL OXIDOREDUCTASES/ ANIMAL EXPERIMENTS/ CASEIN/ CHEMISTRY/ ENGLISH ABSTRACT/ GLASS/ HYDROGEN-ION CONCENTRATION/ MALE/ NAD/ *PEPTIDE PEPTIDOHYDROLASES, analysis/ *SPERMATOZOA, enzymology/ SWINE/ TRYPSIN/ TRYPSIN INHIBITORS

6890. **Schievelbein H, Eberhardt R**: Die Wirkung von Tabakrauch auf das Gefässsystem.
Fortschr Med 90:1249-52, 7 Dec 72 (Ger)
ADULT/ AGED/ ANIMAL EXPERIMENTS/ ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, etiology/ BLOOD COAGULATION, drug effects/ CARBON MONOXIDE, blood/ *CARDIOVASCULAR DISEASES, etiology/ CARDIOVASCULAR SYSTEM, metabolism/ CHOLESTEROL, blood/ CORONARY DISEASE, blood/ CORONARY DISEASE, etiology/ DOGS/ HUMAN/ MIDDLE AGE/ NICOTINE, adverse effects/ *SMOKING, complications/ *TOBACCO

6891. **Schiff P**: Clinical uses of human blood fractions.
Med J Aust 1:22-6, 6 Jan 73
ADOLESCENCE/ ADULT/ AGAMMAGLOBULINEMIA, therapy/ BLOOD COAGULATION DISORDERS, therapy/ BLOOD PLATELETS/ BLOOD PROTEINS, therapeutic use/ *BLOOD TRANSFUSION/ CHICKENPOX, prevention & control/ CHILD/ CHILD, PRESCHOOL/ ERYTHROBLASTOSIS, FETAL, prevention & control/ ERYTHROCYTES/ FACTOR VIII, therapeutic use/ FEMALE/ FIBRINOGEN, therapeutic use/ HEMORRHAGE, therapy/ HEPATITIS, HOMOLOGOUS SERUM, prevention & control/ HERPES ZOSTER, prevention & control/ HUMAN/ IMMUNOGLOBULINS, administration & dosage/ INFANT/ INFANT, NEWBORN/ PREGNANCY/ PROTHROMBIN, therapeutic use/ SERUM ALBUMIN, therapeutic use/ SMALLPOX, prevention & control/ TETANUS, prevention & control

6892. **Schiff P**: The development of plasma derivatives in Australia. Vox Sang 23:38-43, Jul-Aug 72
ALKALINE PHOSPHATASE, blood/ AUSTRALIA/ BLOOD COAGULATION FACTORS, isolation & purification/ *BLOOD PROTEINS, isolation & purification/ *BLOOD TRANSFUSION/ CHROMIUM ISOTOPES/ DRUG INDUSTRY/ FEES AND CHARGES/ HUMAN/ IMMUNE SERUMS/ IMMUNOGLOBULINS, isolation & purification/ PLACENTA, analysis/ PLACENTA, enzymology/ *PLASMA/ RADIOIMMUNOASSAY/ RED CROSS/ RH FACTORS/ SERUM ALBUMIN, isolation & purification

6893. **Schiffman S, Rapaport SI, Chong MM**: Platelets and initiation of intrinsic clotting.
Br J Haematol 24:633-42, May 73
BLOOD CELL COUNT/ *BLOOD COAGULATION/ BLOOD COAGULATION DISORDERS, physiopathology/ BLOOD PLATELETS, analysis/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, physiology/ CEPHALINS, pharmacodynamics/ CHRISTMAS DISEASE, physiopathology/ FACTOR XI, analysis/ FACTOR XI DEFICIENCY, physiopathology/ FACTOR XII, analysis/ HUMAN/ PROTHROMBIN, analysis/ THROMBOPLASTIN, analysis

6894. **Schilli A, Berger R, Wallacher L**: A mesocolonból kiinduló haemangioendothelioma malignum.
Orv Hetil 114:875-6, 15 Apr 73 (Hun)
AGED/ CASE REPORT/ *HEMANGIOENDOTHELIOMA/ HUMAN/ MALE/ *MESOCOLON

6895. **Schilliro R**: Etude des hemorragies dans 1,000 cas de prostatectomie du type Hryntschak.
J Urol Nephrol (Paris) 78:503-5, Jun 72 (Fre)
AGED/ ANESTHESIA/ BLOOD TRANSFUSION/ *HEMORRHAGE, etiology/ HEMOSTASIS/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ *PROSTATECTOMY/ *PROSTATIC HYPERTROPHY, surgery

6896. **Schimpf A**: Klinische Erfahrungen mit einem heparinhaltigen Gel.
Fortschr Med 89:Suppl:932-4, 26 Aug 71 (Ger)
ACCIDENTS/ ATHLETIC INJURIES/ DOSAGE FORMS/ FEMALE/ *GELS/ HEMATOMA, drug therapy/ *HEPARIN, administration & dosage/ HEPARINOID, administration & dosage/

HUMAN/ MALE/ THROMBOPHLEBITIS, drug therapy/ VARICOSE VEINS, drug therapy

6897. **Schimpf K, Hanf-Hoppe HW, Immich H:** Intravenöse Infusion eines standardisierten gerinnungsaktiuen Phospholipidkomplexes bei urämischer Blutungsneigung. Normalisierung von Thrombinbildung und Prothrombinuerbrauch.
Med Welt 23:1258-60, 9 Sep 72 (Ger)
ANTICOAGULANTS, administration & dosage/ BLOOD COAGULATION, drug effects/ *HEMORRHAGIC DIATHESIS, drug therapy/ HUMAN/ INJECTIONS, INTRAVENOUS/ *PHOSPHOLIPIDS, administration & dosage/ PROTHROMBIN, metabolism/ THROMBIN, biosynthesis/ *UREMIA, complications

6898. **Schimpf K, Hanf-Hoppe HW, Immich H:** Intravenous infusion of a standardised coagulation active phospholipid complex in uremic coagulation deficiency. Return to normal of thrombin generation and prothrombin consumption.
Thromb Diath Haemorrh 27:554-8, 31 Jul 72
BLOOD COAGULATION DISORDERS, complications/ *BLOOD COAGULATION DISORDERS, drug therapy/ BRAIN/ HUMAN/ *PHOSPHOLIPIDS, therapeutic use/ *PROTHROMBIN, metabolism/ *THROMBIN, biosynthesis/ TISSUE EXTRACTS/ *UREMIA, complications

6899. **Schimpf K, Piechotta A, Ehm OF, et al:** Experimentelle Dekompressionskrankheit des kaninchens. Gerinnungsveränderungen und therapeutische Beeinflussung.
Verh Dtsch Ges Inn Med 77:1027-9, 1971 (Ger)
ANIMAL EXPERIMENTS/ ANTIFIBRINOLYTIC AGENTS, therapeutic use/ ASPIRIN, therapeutic use/ BLOOD CELL COUNT/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS, analysis/ BLOOD PLATELETS/ CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ *DECOMPRESSION SICKNESS, complications/ *EMBOLISM, FAT, etiology/ HEPARIN, therapeutic use/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ RABBITS

6900. **Schindera F, Gädeke R, Ross C, et al:** Klinik und Therapie einer erfolgreich behandelten, schweren Bromisovalerinylcarbamid-, Methaqualon- und Meprobamat-Vergiftung bei einem 12 Jahre alten Kind.
Arch Toxikol 30:95-102, 1973 (Ger)
BLOOD COAGULATION FACTORS, analysis/ BROMIDES, analysis/ BROMINE/ *BUTYRATES, poisoning/ CARBAMATES, poisoning/ CHILD/ DIURETICS, therapeutic use/ ENGLISH ABSTRACT/ ENZYMES, blood/ GASTRIC JUICE, analysis/ GASTRIC LAVAGE/ HEMODIALYSIS/ HUMAN/ INTESTINAL OBSTRUCTION, etiology/ MALE/ *MEPROBAMATE, poisoning/ *METHAQUALONE, poisoning/ POISONING, blood/ POISONING, diagnosis/ POISONING, therapy

6901. **Schlaak M, Bernhard A, Lehmann H, et al:** Hepatitismorbidität nach Herzoperationen.
Thoraxchirurgie 20:411-2, Dec 72 (Ger)
AUSTRALIA ANTIGEN/ BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ FACTOR VIII/ FIBRINOGEN/ GERMANY, WEST/ HEART, MECHANICAL/ *HEART SURGERY, adverse effects/ *HEPATITIS, etiology/ HEPATITIS, occurrence/ HUMAN/ POSTOPERATIVE COMPLICATIONS/ TIME FACTORS

6902. **Schlegel KF:** Klippel-Trenaunay-Syndrom.
Dtsch Med Wochenschr 98:229, 2 Feb 73 (Ger)
ANGIOMATOSIS, complications/ *ANGIOMATOSIS, surgery/ ARTERIOVENOUS FISTULA, surgery/ ATROPHY, complications/ HUMAN/ OSTEOTOMY

6903. **Schlegel R, Slade HD:** Bacteriocin production by transformable group H streptococci.
J Bacteriol 112:824-9, Nov 72
ALKALINE PHOSPHATASE/ BACTERIOCINS, analysis/ *BACTERIOCINS, biosynthesis/ BACTERIOCINS, pharmacodynamics/ DEOXYRIBONUCLEASE/ DNA, BACTERIAL/ DRUG RESISTANCE, MICROBIAL/ HEAT/ PHOSPHOLIPASE/ RIBONUCLEASE/ STREPTOCOCCUS, drug effects/ STREPTOCOCCUS, growth & development/ *STREPTOCOCCUS, metabolism/ *TRANSFORMATION, GENETIC/ TRYPSIN

6904. **Schlesinger DH, Frangione B, Walter R:** Covalent structure of bovine neurophysin-II: localization of the disulfide bonds.
Proc Natl Acad Sci USA 69:3350-4, Nov 72
AMINO ACID SEQUENCE/ CARBOXYPEPTIDASES, metabolism/ CATTLE/ DISULFIDES/ ELECTROPHORESIS/ MODELS, STRUCTURAL/ *NEUROPHYSINS/ NEUROPHYSINS, metabolism/ PEPSIN, metabolism/ PEPTIDES, isolation & purification/ PROTEIN CONFORMATION/ SUBTILISINS, metabolism/ TRYPSIN, metabolism

6905. **Schlesinger MJ, Schlesinger S:** Large-molecular-weight precursors of sindbis virus proteins.
J Virol 11:1013-6, Jun 73
ARGININE, metabolism/ AUTORADIOGRAPHY/ CARBON ISOTOPES/ CELL LINE/ CHICK EMBRYO/ CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS, PAPER/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FIBROBLASTS/ HAMSTERS/ KIDNEY/ MOLECULAR WEIGHT/ MUTATION/ PEPTIDES, analysis/ *PROTEIN PRECURSORS, analysis/ PROTEIN PRECURSORS, biosynthesis/ *SINDBIS VIRUS, analysis/ SINDBIS VIRUS, growth & development/ SINDBIS VIRUS, metabolism/ TEMPERATURE/ TISSUE CULTURE/ TRYPSIN/ *VIRAL PROTEINS, analysis/ VIRAL PROTEINS, biosynthesis

6906. **Schlossman D:** Thrombogenic properties of vascular catheter materials in vivo. The differences between materials.
Acta Radiol [Diagn] (Stockh) 14:186-92, Mar 73
ANIMAL EXPERIMENTS/ AORTA/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD PLATELETS, metabolism/ *CATHETERIZATION, instrumentation/ CHROMIUM ISOTOPES/ COMPARATIVE STUDY/ DOGS/ FEMALE/ LEAD, adverse effects/ MALE/ *POLYETHYLENES, adverse effects/ *POLYTETRAFLUOROETHYLENE, adverse effects/ *THROMBOSIS, etiology/ TIME FACTORS/ VENA CAVA, INFERIOR

6907. **Schlossman D:** Thrombogenic properties of vascular catheter materials in vivo. A device and objective method of comparing thrombus formation on vascular catheter materials.
Acta Radiol [Diagn] (Stockh) 14:97-105, Jan 73
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS/ CATHETERIZATION, adverse effects/ CATHETERIZATION, instrumentation/ CHROMIUM ISOTOPES/ COMPARATIVE STUDY/ DOGS/ ERYTHROCYTE COUNT/ *ERYTHROCYTES/ *FIBRINOGEN, analysis/ HEMATOCRIT/ IODINE ISOTOPES/ IRON ISOTOPES/ METHODS/ *POLYETHYLENES, adverse effects/ *POLYTETRAFLUOROETHYLENE, adverse effects/ *THROMBOSIS, etiology

6908. **Schmechel H, Zabel-Langhennig R, Wutke K:** Eine einfache Methode zur Bestimmung der Gerinnsel-Retraktion in der klinischen Praxis.
Dtsch Gesundheitsw 27:1772-4, 14 Sep 72 (Ger)
*CLOT RETRACTION/ ENGLISH ABSTRACT/ HUMAN/ METHODS

6909. **Schmechta H, Geserick G:** Populationsgenetische Untersuchung zum alpha 1 -Antitrypsin-Polymorphismus (Pi-System) in der Berliner Bevölkerung.
Dtsch Gesundheitsw 27:1089-91, 8 Jun 72 (Ger)
BERLIN/ ELECTROPHORESIS, STARCH GEL/

ENGLISH ABSTRACT/ FEMALE/ GENETICS, POPULATION/ HUMAN/ MALE/ *POLYMORPHISM (GENETICS)/ *TRYPSIN INHIBITORS, blood

6910. **Schmer G:** The prufication of bovine thrombin by affinity chromatography on benzamidine-agarose.
Hoppe Seylers Z Physiol Chem 353:810-4, May 72
AMIDINES/ BLOOD PROTEIN ELECTROPHORESIS/ CATTLE/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, ION EXCHANGE/ FIBRINOLYSIN, isolation & purification/ IMIDES/ *THROMBIN, isolation & purification

6911. **Schmer G:** A solid-phase radioassay for factor-XIII activity (fibrin stabilizing factor) in human plasma.
Br J Haematol 24:735-42, Jun 73
AMINOTRANSFERASES, blood/ CARBON ISOTOPES/ CASEIN, metabolism/ EXTRACORPOREAL CIRCULATION/ *FACTOR XIII, analysis/ LIVER DISEASES, blood/ METHODS/ POLYSACCHARIDES/ PRONASE/ PUTRESCINE, metabolism

6912. **Schmid J, Stadelmann U:** Zur Fruchtwasserembolie.
Geburtshilfe Frauenheilkd 33:130-2, Feb 73 (Ger)
ADULT/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD TRANSFUSION/ EMBOLISM, AMNIOTIC FLUID, complications/ EMBOLISM, AMNIOTIC FLUID, diagnosis/ *EMBOLISM, AMNIOTIC FLUID, therapy/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, therapeutic use/ HUMAN/ PREGNANCY/ RESPIRATION, ARTIFICIAL/ RESPIRATORY INSUFFICIENCY, etiology

6913. **Schmid K, Kaufmann H, Isemura S, et al:** Structure of 1 -acid glycoprotein. The complete amino acid sequence, multiple amino acid substitutions, and homology with the immunoglobulins.
Biochemistry 12:2711-24, 3 Jul 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AUTOANALYSIS/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ GEL FILTRATION/ *GLYCOPROTEINS, analysis/ GLYCOPROTEINS, blood/ HUMAN/ IGG, analysis/ PEPTIDES, analysis/ TRYPSIN

6914. **Schmid-Schönbein H, Gallasch G, Volger E, et al:** Microrheology and protein chemistry of pathological red cell aggregation (blood sludge) studies in vitro.
Biorheology 10:213-27, Jun 73
*BLOOD PROTEINS/ *BLOOD VISCOSITY/ DEXTRAN/ *ERYTHROCYTE AGGREGATION, INTRAVASCULAR, physiopathology/ ERYTHROCYTES/ HEMATOCRIT/ HUMAN/ IGA/ IGG/ IGM/ IMMUNOELECTROPHORESIS/ IN VITRO/ MACROGLOBULINS/ MOLECULAR WEIGHT/ MULTIPLE MYELOMA, physiopathology/ MYELOMA PROTEINS/ RHEOLOGY

6915. **Schmid-Schönbein H, Wells RE, Goldstone J:** Effect of ultrafiltration and plasma osmolarity upon the flow properties of blood: A possible mechanism for control of blood flow in the renal medullary vasa recta.
Pfluegers Arch 338:93-144, 22 Jan 73
*BLOOD VISCOSITY/ CELL AGGREGATION/ ERYTHROCYTES/ HEMATOCRIT/ HUMAN/ *KIDNEY, blood supply/ KIDNEY MEDULLA, blood supply/ MANNITOL/ OSMOLAR CONCENTRATION/ REGIONAL BLOOD FLOW/ RHEOLOGY/ SODIUM CHLORIDE/ ULTRAFILTRATION

6916. **Schmidt E, Poliwoda H, Buhl V, et al:** Observations of enzyme elevations in the serum during streptokinase treatment.
J Clin Pathol 25:650-2, Jul 72
ALANINE AMINOTRANSFERASE, blood/ ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ CHOLINESTERASE, blood/ CREATINE KINASE, blood/ *ENZYMES, blood/ GLUTAMATE DEHYDROGENASE, blood/ GLUTAMYL TRANSPEPTIDASE, blood/ HUMAN/ LACTATE DEHYDROGENASE, blood/ LIVER, enzymology/ STREPTOKINASE, adverse effects/ STREPTOKINASE, therapeutic use/ *THROMBOSIS, drug therapy

6917. **Schmidt W, Gros H:** Normotest in acute viral hepatitis.
Scand J Gastroenterol [Suppl] 19:143-50, 1973
ACUTE DISEASE/ ADULT/ ALANINE AMINOTRANSFERASE, blood/ ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ *BLOOD COAGULATION TESTS/ CHOLANGITIS, blood/ CHRONIC DISEASE/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HEPATITIS, INFECTIOUS, blood/ HEPATITIS, INFECTIOUS, diagnosis/ HUMAN/ INDICATORS AND REAGENTS/ MALE/ METHODS/ MIDDLE AGE/ PROTHROMBIN TIME/ THROMBOPLASTIN, metabolism

6918. **Schmiedt E:** Ergebnisse der operativen Behandlung von Harnröhrenstrikturen.
Munch Med Wochenschr 115:33-6, 12 Jan 73 (Ger)
ANTI-INFECTIVE AGENTS, therapeutic use/ ENGLISH ABSTRACT/ EPIDIDYMITIS, etiology/ FISTULA, etiology/ HEMATOMA, etiology/ HUMAN/ MALE/ METHODS/ NECROSIS, etiology/ POSTOPERATIVE COMPLICATIONS/ RETROSPECTIVE STUDIES/ SURGICAL WOUND DEHISCENCE/ URETHRAL DISEASES, etiology/ URETHRAL STRICTURE, rehabilitation/ *URETHRAL STRICTURE, surgery/ WOUND INFECTION, etiology/ WOUND INFECTION, prevention & control

6919. **Schmoller H:** Lungen-, Herz- und Mediastinalverletzungen im Röntgen-Bild beim stumpfen Thoraxtrauma.
Munch Med Wochenschr 115:991-7, 25 May 73 (Ger)
AORTA, THORACIC, injuries/ AORTA, THORACIC, radiography/ AORTIC RUPTURE, radiography/ ENGLISH ABSTRACT/ *HEART INJURIES, radiography/ HEMATOMA, radiography/ HEMORRHAGE, radiography/ HUMAN/ *LUNG, injuries/ LUNG, radiography/ *MEDIASTINUM, injuries/ MEDIASTINUM, radiography/ PERICARDIUM, injuries/ PNEUMONIA, ASPIRATION, radiography/ PULMONARY EMPHYSEMA, radiography/ RUPTURE, radiography/ *THORACIC INJURIES, radiography/ TIME FACTORS

6920. **Schmukler M, Zieve PD:** Studies of glycosidases in fresh and stored human platelets.
J Lab Clin Med 80:635-43, Nov 72
ACETATES, pharmacodynamics/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ *BLOOD PLATELETS, enzymology/ *BLOOD PRESERVATION/ CYTOSINE NUCLEOTIDES, pharmacodynamics/ GALACTOSAMINIDASE, blood/ GALACTOSIDASE, blood/ GLUCOSAMINIDASE, blood/ GLUCOSIDASE, blood/ GLUCURONIDASE, blood/ *GLYCOSIDE HYDROLASES, blood/ GUANOSINE TRIPHOSPHATE, pharmacodynamics/ HUMAN/ PROSTAGLANDINS, pharmacodynamics/ PYRUVATES, pharmacodynamics/ THROMBIN, pharmacodynamics

6921. **Schnebli HP, Burger MM:** Selective inhibition of growth of transformed cells by protease inhibitors.
Proc Natl Acad Sci USA 69:3825-7, Dec 72
CELL LINE/ *CELL TRANSFORMATION, NEOPLASTIC, drug effects/ *CONTACT INHIBITION/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ MICE/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ SV40 VIRUS/ TRYPSIN INHIBITORS, pharmacodynamics

6922. **Schneider B:** Leukämie und Schwangerschaft (kasuistischer Beitrag.
Z Aerztl Fortbild (Jena) 67:86-7, 15 Jan 73 (Ger)
ADULT/ BLOOD TRANSFUSION/ BUSULFAN, therapeutic use/ FEMALE/ GESTATIONAL AGE/ HEMORRHAGIC DIATHESIS, etiology/

HUMAN/ INFANT, NEWBORN/ LABOR, INDUCED/ *LEUKEMIA, MYELOCYTIC, complications/ LEUKEMIA, MYELOCYTIC, drug therapy/ LEUKEMIA, MYELOCYTIC, therapy/ PREDNISONE, therapeutic use/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PROGNOSIS

6923. **Schneider D, Schwenke P, Schwenke H:** Histobioptische Knochenmarkuntersuchungen zur Morphologie der Immunreaktion bei Krankheiten mit Autoimmunpathogenese.
Folia Haematol (Leipz) 98:54-63, 1972 (Ger)
ANEMIA, APLASTIC, pathology/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, pathology/ ARTHRITIS, RHEUMATOID, pathology/ *AUTOIMMUNE DISEASES, pathology/ BIOPSY/ *BONE MARROW, pathology/ BONE MARROW CELLS/ BONE MARROW DISEASES, immunology/ BONE MARROW DISEASES, pathology/ ENGLISH ABSTRACT/ GAMMA GLOBULIN/ HUMAN/ LUPUS ERYTHEMATOSUS, SYSTEMIC, pathology/ LYMPHOCYTES/ MAST CELLS/ PLASMA CELLS/ THROMBOPENIA, pathology

6924. **Schneider MD:** Nature of thrombus in a hollow fiber oxygenator. Am J Vet Res 34:151-68, Feb 73
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS/ BLOOD PLATELETS, cytology/ BLOOD PROTEINS/ CARBONATES/ CATTLE/ ERYTHROCYTE COUNT/ ERYTHROCYTES, cytology/ EXTRACORPOREAL CIRCULATION/ *HEART, MECHANICAL, adverse effects/ HEPARIN, administration & dosage/ LEUKOCYTES, cytology/ *MEMBRANES, ARTIFICIAL, adverse effects/ MICROPORE FILTERS/ MICROSCOPY, ELECTRON, SCANNING/ MICROSCOPY, PHASE CONTRAST/ OXYGENATORS, MEMBRANE, adverse effects/ OXYGENATORS, MEMBRANE, instrumentation/ PLATELET ADHESIVENESS/ POLYMERS/ SILICONE ELASTOMERS/ SILICONES/ SURFACE PROPERTIES/ THROMBOSIS, etiology

6925. **Schneider RC, Gabrielsen TO, Hicks SP:** Calvarial hemangioma. The value of selective external carotid angiography in surgical excision of the lesion.
Neurology (Minneap) 23:352-6, Apr 73
ADOLESCENCE/ CASE REPORT/ CEREBRAL ANGIOGRAPHY/ FEMALE/ FRONTAL BONE/ HEMANGIOMA, pathology/ *HEMANGIOMA, radiography/ HEMANGIOMA, surgery/ HUMAN/ OCCIPITAL BONE/ PARIETAL BONE/ SKULL, pathology/ SKULL NEOPLASMS, pathology/ *SKULL NEOPLASMS, radiography/ SKULL NEOPLASMS, surgery

6926. **Schneider S, Vogel K:** Gemmangiom der Mamma.
Zentralbl Chir 98:97-100, 19 Jan 73 (Ger)
AGE FACTORS/ BREAST NEOPLASMS, radiotherapy/ *BREAST NEOPLASMS, surgery/ FEMALE/ HEMANGIOMA, radiotherapy/ *HEMANGIOMA, surgery/ HUMAN/ MIDDLE AGE/ SEX FACTORS

6927. **Schneider W:** Seltene benigne, semimaligne und maligne Gefässtumoren der haut. Klinischer Verlauf, Histologie und Systematik.
Munch Med Wochenschr 114:1178-83, 23 Jun 72 (Ger)
AGED/ ENGLISH ABSTRACT/ FEMALE/ GLOMANGIOMA, classification/ GLOMANGIOMA, familial & genetic/ *GLOMANGIOMA, physiopathology/ *HEMANGIOENDOTHELIOMA, physiopathology/ HEMANGIOMA, classification/ *HEMANGIOPERICYTOMA, physiopathology/ HUMAN/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ NOMENCLATURE/ REGRESSION/ SKIN, blood supply/ SKIN NEOPLASMS, classification/ SKIN NEOPLASMS, familial & genetic/ *SKIN NEOPLASMS, physiopathology

6928. **Schneider W, Doenecke C, Scheurlen PG:** Detection of thymidine-phosphorylase in human blood platelets.
Klin Wochenschr 51:287-8, 15 Mar 73
*BLOOD PLATELETS, enzymology/ CHROMATOGRAPHY, THIN LAYER/ HUMAN/ *PENTOSYLTRANSFERASES, analysis/ THYMIDINE

6929. **Schneider W, Doenecke C, Scheurlen PG:** DNA metabolism in anucleated human blood platelets?
Klin Wochenschr 51:415-6, 15 Apr 73
*BLOOD PLATELETS, enzymology/ DNA, metabolism/ HUMAN/ MITOCHONDRIA, enzymology/ *THYMIDINE KINASE, blood

6930. **Schneider W, Dries R, Scheurlen PG:** Neue Befunde zur Nucleinsäuresynthese in menschlichen Blutplättchen.
Verh Dtsch Ges Inn Med 78:696-8, 1972 (Ger)
*BLOOD PLATELETS, metabolism/ HUMAN/ *NUCLEIC ACIDS, biosynthesis/ THYMIDINE, metabolism/ URIDINE, metabolism

6931. **Schneider W, Lampe K, Scheurlen PG:** Untersuchungen zur proteinsynthese menschlicher Blutplättchen.
Verh Dtsch Ges Inn Med 77:400-3, 1971 (Ger)
*BLOOD PLATELETS, metabolism/ *BLOOD PROTEINS, biosynthesis/ HUMAN/ MITOCHONDRIA, metabolism

6932. **Schnetzer GW 3d, Penner JA:** Chronic intravascular coagulation syndrome associated with atherosclerotic aortic aneurysm. South Med J 66:264-8, Feb 73
AGED/ *AORTIC ANEURYSM, complications/ *ARTERIOSCLEROSIS, complications/ ASPIRIN, therapeutic use/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CHRONIC DISEASE/ CORONARY DISEASE, complications/ DIPYRIDAMOLE, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ FIBRINOGEN, analysis/ HEPARIN, therapeutic use/ HUMAN/ TIME FACTORS

6933. **Schneweis KE, Sommerhäuser H, Huber D:** Biologic and immunologic comparison of two plaque variants of herpes simplex virus type 1.
Arch Gesamte Virusforsch 38:338-46, 1972
CARCINOMA/ CELL LINE/ CHICK EMBRYO/ CYTOPATHOGENIC EFFECT, VIRAL/ DRUG RESISTANCE, MICROBIAL/ FETAL MEMBRANES/ GENETICS, MICROBIAL/ HEPARIN, pharmacodynamics/ *HERPESVIRUS HOMINIS/ HERPESVIRUS HOMINIS, drug effects/ HERPESVIRUS HOMINIS, immunology/ HERPESVIRUS HOMINIS, isolation & purification/ HUMAN/ LARYNGEAL NEOPLASMS/ NEUTRALIZATION TESTS/ TEMPERATURE/ *VARIATION (GENETICS)/ VIRUS CULTIVATION

6934. **Schoellmann G:** [Specific fluorescent derivatives of macromolecules. Synthesis and characterization of N-alpha-dansyl-L-phenylalanyl-chymotrypsino (His-57)-methane and N-alpha-dansyl-L-lysyl-trypsino (His-46)-methane. Int J Pept Protein Res 4:221-7, 1972
ALKYLATION/ CHEMISTRY/ *CHYMOTRYPSIN, antagonists & inhibitors/ FLUORESCENCE/ *LYSINE/ MACROMOLECULAR SYSTEMS/ *METHANE/ *PHENYLALANINE/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN, antagonists & inhibitors

6935. **Schoelzel EP:** Juvenile nasopharyngeal angiofibroma: report of a case. Ann Allergy 29:148-53, Mar 71
*ANGIOMA, SCLEROSING, diagnosis/ ANGIOMA, SCLEROSING, radiotherapy/ CASE REPORT/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ HAY FEVER, diagnosis/ HUMAN/ MALE/ *NASOPHARYNGEAL NEOPLASMS, diagnosis/ NASOPHARYNGEAL NEOPLASMS, radiotherapy/ PROGNOSIS

6936. **Schoen FJ, DeLaria GA, Bernstein EF:** Morphology of blood-surface interaction on intra-aortic balloons. An analysis of clinical and experimental specimens by scanning electron microscopy.
J Thorac Cardiovasc Surg 65:304-14, Feb 73

ANIMAL EXPERIMENTS/ *ASSISTED CIRCULATION, adverse effects/ ASSISTED CIRCULATION, instrumentation/ *BLOOD CELLS/ BLOOD PLATELETS, cytology/ CATTLE/ CELL ADHESION/ DEXTRAN, therapeutic use/ ERYTHROCYTES, cytology/ FIBRIN/ HEPARIN, therapeutic use/ HUMAN/ LEUKOCYTES, cytology/ MICROSCOPY, ELECTRON, SCANNING/ MYOCARDIAL INFARCT, therapy/ SHOCK, CARDIOGENIC, therapy/ SURFACE PROPERTIES/ THROMBOSIS, etiology/ THROMBOSIS, pathology/ THROMBOSIS, prevention & control/ TIME FACTORS

6937. **Schofield GC, Bond AJ, Atkins AM, et al:** Motility-inducing factors in alimentary tract solutions. Gastroenterology 62:268-74, Feb 72
ANIMAL EXPERIMENTS/ COLON, analysis/ DUODENUM, analysis/ *GASTROINTESTINAL MOTILITY, drug effects/ *GASTROINTESTINAL SYSTEM, analysis/ GUINEA PIGS/ HEAT/ HUMAN/ ILEUM, drug effects/ ILEUM, physiology/ JEJUNUM, analysis/ ORGAN CULTURE/ PEPSIN, pharmacodynamics/ PRESSURE/ PRONASE, pharmacodynamics/ RABBITS/ SALIVA, analysis/ SHEEP/ STOMACH, analysis/ SWINE/ TRYPSIN, pharmacodynamics/ ULTRAFILTRATION

6938. **Schofield PJ, Stewart BW:** Hydrolytic enzymes of the hepatopancreas of the ascidian, Pyura stolonifera. Comp Biochem Physiol [B] 45:567-78, 15 Jul 73
AEROBIOSIS/ ALKALINE PHOSPHATASE, analysis/ ALKALINE PHOSPHATASE, antagonists & inhibitors/ ANAEROBIOSIS/ ANIMAL EXPERIMENTS/ ARSENIC/ DRUG STABILITY/ *ESTERASES, analysis/ ESTERASES, antagonists & inhibitors/ FLUORIDES/ GLUCOSE, metabolism/ HYDROGEN-ION CONCENTRATION/ LIPASE, analysis/ *LIVER, enzymology/ LIVER, metabolism/ *PANCREAS, enzymology/ PANCREAS, metabolism/ *PEPTIDE HYDROLASES, analysis/ *PHOSPHATASES, analysis/ TEMPERATURE/ UREASE, analysis/ *UROCHORDATA, enzymology/ XANTHINE OXIDASE, analysis

6939. **Schofield PJ, Stewart BW:** Hydrolytic enzymes of the hepatopancreas of the ascidian, Pyura stolonifera. Comp Biochem Physiol [B] 45:567-78, 15 Jul 73
AEROBIOSIS/ ALKALINE PHOSPHATASE, metabolism/ ANAEROBIOSIS/ ANIMAL EXPERIMENTS/ DIGESTIVE SYSTEM, enzymology/ DRUG STABILITY/ *ESTERASES, analysis/ ESTERASES, metabolism/ FLUORIDES, pharmacodynamics/ GLUCOSE, metabolism/ HYDROGEN-ION CONCENTRATION/ IODOACETATES, pharmacodynamics/ KINETICS/ *PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, metabolism/ *PHOSPHATASES, analysis/ PHOSPHATES, metabolism/ TEMPERATURE/ TIME FACTORS/ *UROCHORDATA, enzymology

6940. **Scholar EM, Brown PR, Parks RE Jr, et al:** Nucleotide profiles of the formed elements of human blood determined by high-pressure liquid chromatography. Blood 41:927-36, Jun 73
ADENOSINE DIPHOSPHATE, analysis/ ADENOSINE TRIPHOSPHATE, analysis/ *BLOOD PLATELETS, analysis/ *CHROMATOGRAPHY/ *ERYTHROCYTES, analysis/ HUMAN/ *LEUKOCYTES, analysis/ *LYMPHOCYTES, analysis/ *NUCLEOTIDES, blood

6941. **Schöne D, Wohlgemuth B, Hauschild G:** Die sogenannte thrombotische Mikroangiopathie der Nieren mit bilateralen Nierenrindennekrosen beim hämolytisch-urämischen (nephropathischen) Syndrom des Kindes.
Dtsch Gesundheitsw 27:1547-51, 17 Aug 72 (Ger)
*ANEMIA, HEMOLYTIC, ACQUIRED, complications/ ENGLISH ABSTRACT/ FEMALE/ HEMOLYTIC-UREMIC SYNDROME, complications/ HUMAN/ INFANT/ *KIDNEY, blood supply/ *KIDNEY CORTEX NECROSIS, etiology/ MALE/ SHWARTZMAN PHENOMENON, etiology/ THROMBOSIS, complications/ *UREMIA, complications

6942. **Schönenberg H, Arnold F:** Phlebangiomatose.
Klin Paediatr 184:415-9, Sep 72 (Ger)
*ANGIOMATOSIS, diagnosis/ ANGIOMATOSIS, pathology/ ANGIOMATOSIS, surgery/ ARM, blood supply/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HUMAN/ MALE/ PHLEBOGRAPHY/ *VEINS/ VEINS, pathology

6943. **Schönenberg H, Redemann M:** Klippel-Trénaunay-Weber-Syndrom.
Klin Paediatr 184:449-60, Nov 72 (Ger)
*ANGIOMATOSIS, diagnosis/ ANGIOMATOSIS, radiography/ ARTERIOVENOUS FISTULA, complications/ *BONE DISEASES, diagnosis/ BONE DISEASES, radiography/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ FEMORAL ARTERY/ FEMUR/ HUMAN/ INFANT/ LEG/ MALE/ TIBIA

6944. **Schorn D:** Diffuse intravascular coagulation in meningococcaemia. A case report.
S Afr Med J 47:225-6, 10 Feb 73
ADULT/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENDOTOXINS/ FEMALE/ FINGERS/ GANGRENE, etiology/ HEPARIN, therapeutic use/ HUMAN/ MENINGITIS, MENINGOCOCCIC, complications/ *MENINGOCOCCAL INFECTIONS, complications/ MENINGOCOCCAL INFECTIONS, physiopathology/ *SEPTICEMIA, complications/ SEPTICEMIA, physiopathology

6945. **Schorn D:** A serial dilution protamine sulphate test for detecting fibrin degradation products.
S Afr Med J 47:263-5, 17 Feb 73
ADOLESCENCE/ ADULT/ BUFFERS/ FEMALE/ *FIBRIN, analysis/ FIBRIN, metabolism/ FIBRINOGEN, metabolism/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *PROTAMINES, diagnostic use/ PULMONARY EMBOLISM, diagnosis/ SULFATES, diagnostic use/ *THROMBOEMBOLISM, diagnosis/ THROMBOEMBOLISM, drug therapy/ THROMBOPHLEBITIS, diagnosis/ THROMBOSIS, diagnosis/ TROMETHAMINE

6946. **Schotz MC, Garfinkel AS:** A simple lipase assay using trichloroacetic acid. J Lipid Res 13:824-6, Nov 72
ADIPOSE TISSUE, enzymology/ ANIMAL EXPERIMENTS/ GLYCERIN/ HISTOCYTOCHEMISTRY/ IN VITRO/ *LIPOPROTEIN LIPASE, analysis/ LIPOPROTEIN LIPASE, blood/ METHODS/ OLEIC ACID/ PRECIPITATION/ RATS/ *TRICHLOROACETIC ACID/ TRITIUM

6947. **Schramek A, Hashmonai M:** Subadventitial haematoma of the popliteal artery.
J Cardiovasc Surg (Torino) 14:447-51, Jul-Aug 73
ADULT/ ARTERIAL OCCLUSIVE DISEASES, etiology/ CYSTS, etiology/ DIAGNOSIS, DIFFERENTIAL/ *HEMATOMA, complications/ HEMATOMA, diagnosis/ HEMATOMA, etiology/ HUMAN/ INTERMITTENT CLAUDICATION, etiology/ MALE/ *POPLITEAL ARTERY, injuries/ POPLITEAL ARTERY, pathology

6948. **Schraven E, Trottnow D:** Perkutane Resorption von Heparin- 35 S aus einer speziell zubereiteten Öl-i-n-Wasser-Emulsion.
Arzneim Forsch 23:274-5, Feb 73 (Ger)
ANIMAL EXPERIMENTS/ EMULSIONS/ ENGLISH ABSTRACT/ FECES, analysis/ HEPARIN, administration & dosage/ HEPARIN, analysis/ *HEPARIN, metabolism/ HEPARIN, urine/ MALE/ OINTMENTS/ RATS/ SKIN ABSORPTION/ SULFUR ISOTOPES

6949. **Schreiber AD, Kaplan AP, Austen KF:** Plasma inhibitors of the components of the fibrinolytic pathway in man. J Clin Invest 52:1394-401, Jun 73
*ALPHA GLOBULIN, pharmacodynamics/ CHROMATOGRAPHY, AFFINITY/ *COMPLEMENT, antagonists & inhibitors/ ELECTROPHORESIS, DISK/ *FACTOR XII, antagonists & inhibitors/ *FIBRINOLYSIN, antagonists & inhibitors/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HUMAN/ IN VITRO/ ISOELECTRIC FOCUSING/ KALLIKREIN, antagonists & inhibitors/ *MACROGLOBULINS, pharmacodynamics/ *PLASMINOGEN, antagonists & inhibitors/ *TRYPSIN INHIBITORS, pharmacodynamics

6950. **Schreiber AD, Kaplan AP, Austen KF:** Inhibition by C1INH of Hagemann factor fragment activation of coagulation, fibrinolysis, and kinin generation. J Clin Invest 52:1402-9, Jun 73
*BLOOD COAGULATION, drug effects/ CHROMATOGRAPHY, AFFINITY/ *COMPLEMENT, antagonists & inhibitors/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ELECTROPHORESIS, DISK/ *FACTOR XII, antagonists & inhibitors/ FACTOR XII, pharmacodynamics/ *FIBRINOLYSIS, drug effects/ GEL FILTRATION/ HUMAN/ IN VITRO/ KALLIKREIN, pharmacodynamics/ KINETICS/ *KININS, metabolism

6951. **Schreiber F, Eulitz HJ:** Streptokinasebehandlung des frischen Herzinfarkts. Med Klin 68:592-7, 4 May 73 (Ger)
AGE FACTORS/ AGED/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ CORONARY CARE UNITS/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS, drug effects/ HEART DISEASES, complications/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, mortality/ SHOCK, CARDIOGENIC, complications/ STREPTOKINASE, pharmacodynamics/ *STREPTOKINASE, therapeutic use/ TIME FACTORS

6952. **Schreiber U:** Vasomotorische Rhinitis als Nebenwirkung hormonaler Kontrazeption. HNO 21:180-1, Jun 73 (Ger)
ADOLESCENCE/ ADULT/ *CONTRACEPTIVES, ORAL, adverse effects/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ ESTROGENS, adverse effects/ FEMALE/ *HAY FEVER, chemically induced/ HEMORRHAGIC DIATHESIS, chemically induced/ HEMORRHAGIC DIATHESIS, familial & genetic/ HUMAN/ PROGESTATIONAL HORMONES, adverse effects/ TIME FACTORS

6953. **Schreibman PH, Arons DL, Saudek CD, et al:** Abnormal lipoprotein lipase in familial exogenous hypertriglyceridemia. J Clin Invest 52:2075-82, Aug 73
BLOOD PROTEIN DISORDERS, complications/ *BLOOD PROTEIN DISORDERS, enzymology/ BLOOD PROTEIN DISORDERS, familial & genetic/ BLOOD PROTEIN DISORDERS, metabolism/ BLOOD PROTEIN DISORDERS, therapy/ BLOOD PROTEIN ELECTROPHORESIS/ CHILD, PRESCHOOL/ CHOLESTEROL, blood/ CHYLOMICRONS, blood/ CHYLOMICRONS, metabolism/ DIET THERAPY/ DIETARY FATS/ ESTERASES, blood/ GLYCERIDES/ HEPATOMEGALY, familial & genetic/ HUMAN/ *LIPOPROTEIN LIPASE, metabolism/ LIPOPROTEINS, blood/ MALE/ PEDIGREE/ PHOSPHOLIPASE, blood/ SPLENOMEGALY, familial & genetic/ *TRIGLYCERIDES, blood/ TRIGLYCERIDES, metabolism

6954. **Schricker KT, Haasis R:** Ist die Gabe von Prothrombonkonzentrat beim Herzinfarkt immer absolut kontraindiziert. Med Klin 67:841-5, 16 Jun 72 (Ger)
ADULT/ ENGLISH ABSTRACT/ FACTOR VII, therapeutic use/ FACTOR IX, therapeutic use/ FACTOR X, therapeutic use/ FIBRINOLYSIS/ HUMAN/ MALE/ *MYOCARDIAL INFARCT, drug therapy/ PROTHROMBIN, administration & dosage/ *PROTHROMBIN, therapeutic use/ PROTHROMBIN TIME/ STREPTOKINASE, therapeutic use

6955. **Schricker KT, Schrenk KH:** Schwere serogene hämolytische Anämie verursacht durch ein Anti-D im Faktor-VIII-Konzentrat. Thromb Diath Haemorrh 27:523-8, 31 Jul 72 (Ger)
ADULT/ *ANEMIA, HEMOLYTIC, ACQUIRED, etiology/ *ANTIGEN-ANTIBODY REACTIONS/ ENGLISH ABSTRACT/ *FACTOR VIII, therapeutic use/ FEMORAL FRACTURES, complications/ FEMORAL NEOPLASMS, etiology/ *HEMOPHILIA, drug therapy/ HUMAN/ MALE/ *RH FACTORS

6956. **Schrier BK:** Surface culture of fetal mammalian brain cells: effect of subculture on morphology and choline acetyltransferase activity. J Neurobiol 4:117-24, 1973
*ACETYLTRANSFERASES, metabolism/ ANIMAL EXPERIMENTS/ BRAIN, embryology/ *BRAIN, enzymology/ BRAIN, growth & development/ CELL ADHESION/ *CELL DIFFERENTIATION/ CELL DIVISION/ *CELLS, CULTURED/ CELLS, CULTURED, drug effects/ CHOLINE/ FEMALE/ MICROSCOPY, PHASE CONTRAST/ NEURONS/ RATS/ TRYPSIN, pharmacodynamics

6957. **Schriever HG, Epstein SE, Mintz MD:** Statistical correlation and heparin sensitivity of activated partial thromboplastin time, whole blood coagulation time, and an automated coagulation time. Am J Clin Pathol 60:323-9, Sep 73
AUTOMATION/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS, instrumentation/ *BLOOD COAGULATION TESTS, standards/ COMPARATIVE STUDY/ HEPARIN, blood/ *HEPARIN, pharmacodynamics/ HUMAN/ METHODS/ STATISTICS/ TIME FACTORS

6958. **Schröder F, Schroder F:** Dringliche Versorgung schwerer Gesichts- und Kieferverletzungen. Langenbecks Arch Chir 329:97-105, Dec 71 (Ger)
AIRWAY OBSTRUCTION, etiology/ *EMERGENCIES/ ENGLISH ABSTRACT/ FOREIGN BODIES, etiology/ FRACTURE FIXATION, INTERNAL/ GERMANY, WEST/ HEAD INJURIES, complications/ HEMOSTASIS/ HUMAN/ IMMOBILIZATION/ INTUBATION, INTRATRACHEAL/ MALE/ MAXILLOFACIAL INJURIES, complications/ MAXILLOFACIAL INJURIES, surgery/ *MAXILLOFACIAL INJURIES, therapy/ NEUROSURGERY, manpower/ RESPIRATORY SYSTEM/ SURGERY, PLASTIC/ TOOTH EXTRACTION/ TRACHEOTOMY

6959. **Schröder HJ:** Ileus unter Anticoagulantientherapie. Chirurg 44:329-32, Jul 73 (Ger)
AGED/ *ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, therapeutic use/ ARTERIAL OCCLUSIVE DISEASES, drug therapy/ *COUMARINS, adverse effects/ COUMARINS, therapeutic use/ FEMORAL ARTERY/ HEMATOMA, chemically induced/ HEMATOMA, complications/ HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HUMAN/ ILIAC ARTERY/ *INTESTINAL OBSTRUCTION, chemically induced/ INTESTINAL OBSTRUCTION, etiology/ INTESTINAL OBSTRUCTION, radiography/ INTESTINAL OBSTRUCTION, surgery/ MALE/ MIDDLE AGE/ THROMBOSIS, drug therapy

6960. **Schröder R:** Principi fondamentali della terapia dello shock. Minerva Med 63:5243-6, 28 Dec 72 (Ita)
BLOOD PRESSURE, drug effects/ BLOOD VISCOSITY, drug effects/ DOPAMINE, therapeutic use/ FIBRINOGEN, analysis/ GLUCAGON, therapeutic use/ HEART RATE, drug effects/ HUMAN/ HYPOTENSION, therapy/ INJECTIONS, INTRAVENOUS/ ISOPROTERENOL, therapeutic use/ NOREPINEPHRINE, therapeutic use/ ORCIPRENALINE, therapeutic use/ OXYGEN

CONSUMPTION, drug effects/ PLASMA SUBSTITUTES, administration & dosage/ *SHOCK, drug therapy/ SHOCK, CARDIOGENIC, drug therapy/ SHOCK, HEMORRHAGIC, drug therapy/ SHOCK, TOXIC, drug therapy/ VASOCONSTRICTOR AGENTS, therapeutic use/ VASODILATOR AGENTS, therapeutic use

6961. **Schroeder WA, Shelton JR, Shelton JB, et al:** Amino acid sequences in the -chains of adult bovine hemoglobins C-Rhodesia and D-Zambia.
Arch Biochem Biophys 152:222-32, Sep 72
AMINO ACID SEQUENCE/ ASPARTIC ACID/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ ELECTROPHORESIS, STARCH GEL/ GLOBIN, analysis/ GLUTAMINE/ GLYCINE/ *HEMOGLOBINS, ABNORMAL, analysis/ LYSINE/ PEPSIN/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ RHODESIA/ SERINE/ SPECIES SPECIFICITY/ THERMOLYSIN/ THIOCYANATES/ THREONINE/ TRYPSIN/ ULTRACENTRIFUGATION/ ZAMBIA

6962. **Schröer H:** Physiologische Inhibitoren des Thrombins und der Thrombinbildung.
Folia Haematol (Leipz) 99:212-22, 1973 (34 ref.) (Ger)
ANTITHROMBIN, analysis/ ANTITHROMBIN, classification/ *ANTITHROMBIN, metabolism/ ENGLISH ABSTRACT/ FACTOR VII/ FACTOR XI/ FEEDBACK/ HEPARIN, pharmacodynamics/ HEPARIN CO-FACTOR, metabolism/ HUMAN/ KINETICS/ MACROGLOBULINS, analysis/ *MACROGLOBULINS, metabolism/ PROTHROMBIN, metabolism/ REVIEW/ *THROMBIN, biosynthesis/ THROMBOPLASTIN, metabolism

6963. **Schröter W, Tillmann W:** Heinz body susceptibility of red cells and exchange transfusion.
Acta Haematol (Basel) 49:74-9, 1973
ADULT/ BLOOD/ BLOOD GROUP INCOMPATIBILITY/ ERYTHROBLASTOSIS, FETAL, blood/ *ERYTHROCYTES, drug effects/ *EXCHANGE TRANSFUSION/ GLUCOSE/ *HEINZ BODIES/ HEPARIN/ HUMAN/ HYPERBILIRUBINEMIA, blood/ INFANT, NEWBORN/ *PHENYLHYDRAZINE, pharmacodynamics/ UMBILICAL CORD

6964. **Schubert WK:** Fat nutrition and diet in childhood.
Am J Cardiol 31:581-7, May 73 (101 ref.)
ADOLESCENCE/ ANIMAL EXPERIMENTS/ ARTERIOSCLEROSIS, etiology/ CHILD/ CHILD, PRESCHOOL/ CHOLESTEROL, blood/ CORONARY DISEASE, etiology/ DEFICIENCY DISEASES, complications/ *DIET/ *DIETARY FATS/ ETHNIC GROUPS/ FATTY ACIDS, ESSENTIAL/ FATTY ACIDS, UNSATURATED/ FATTY STREAK, ARTERIAL, complications/ FEMALE/ HUMAN/ HYPERCHOLESTEREMIA, complications/ HYPERLIPEMIA, ESSENTIAL FAMILIAL, complications/ INFANT/ INFANT NUTRITION/ LINOLEIC ACID/ MALE/ MILK/ MONKEYS/ *NUTRITION/ NUTRITIONAL REQUIREMENTS/ REVIEW/ VITAMIN E, blood

6965. **Schulitz KP, Aalam M:** Wachstumsstörungen am Skelett nach Strahlentherapie und ihre Behandlung.
Z Orthop 111:249-57, Jun 73 (Ger)
ADOLESCENCE/ *BONE DEVELOPMENT, radiation effects/ CHILD/ CHILD, PRESCHOOL/ CLUBFOOT, etiology/ CONTRACTURE, etiology/ CYSTADENOMA, radiotherapy/ ENGLISH ABSTRACT/ FEMALE/ *HAND DEFORMITIES, ACQUIRED, etiology/ HEMANGIOMA, radiotherapy/ HUMAN/ KIDNEY NEOPLASMS, radiotherapy/ KNEE, radiation effects/ *LEG LENGTH INEQUALITY, etiology/ LEG LENGTH INEQUALITY, surgery/ MALE/ NEPHROBLASTOMA, radiotherapy/ OSTEORADIONECROSIS/ OSTEOTOMY/ *RADIATION INJURIES/ *RADIOTHERAPY, adverse effects/ *SCOLIOSIS, etiology/ SCOLIOSIS, radiography/ SCOLIOSIS, surgery

6966. **Schulte HD:** Membranoxygenatoren zur prolongierten assistierten extrakorporalen Zirkulation.
Dtsch Med Wochenschr 98:508-13, 9 Mar 73 (54 ref.) (Ger)
ADOLESCENCE/ ADULT/ ARTERIOVENOUS SHUNT, SURGICAL/ ASSISTED CIRCULATION/ BLOOD COAGULATION/ CHILD/ EXTRACORPOREAL CIRCULATION/ *HEART, MECHANICAL, instrumentation/ HEPARIN/ HUMAN/ INFANT, NEWBORN/ LONG TERM CARE/ *MEMBRANES, ARTIFICIAL, instrumentation/ OXYGENATORS, MEMBRANE, instrumentation/ PROGNOSIS/ RESPIRATORY INSUFFICIENCY, therapy/ REVIEW/ SHOCK, CARDIOGENIC, therapy

6967. **Schulte W, Ulimann U:** Fibrinolysis and wound infection.
Trans Congr Int Assoc Oral Surg 4:111-5, 1973
FIBRINOLYSIS/ SPECIAL LIST DENTAL/ SURGICAL WOUND INFECTION

6968. **Schulte W, Ulimann U:** Untersuchungen über die fibrinolytische Aktivität von Bakterien (Kurzfassung.
Zentralbl Bakteriol [Orig A] 220:224-5, May 72 (Ger)
ANTIGENIC DETERMINANTS/ *FIBRINOLYSIS/ HUMAN/ SPECIES SPECIFICITY/ *STREPTOCOCCUS, enzymology/ STREPTOKINASE, metabolism/ THROMBELASTOGRAPHY

6969. **Schultz P, Leeds NE:** Intraventricular septations complicating neonatal meningitis.
J Neurosurg 38:620-6, May 73
AUTOPSY/ *CEREBRAL VENTRICLES, pathology/ CEREBRAL VENTRICLES, radiography/ CEREBROSPINAL FLUID SHUNTS/ HUMAN/ *HYDROCEPHALUS, etiology/ HYDROCEPHALUS, pathology/ HYDROCEPHALUS, radiography/ HYDROCEPHALUS, surgery/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ *MENINGITIS, complications/ MENINGITIS, drug therapy/ MENINGITIS, pathology/ POLYMYXIN, therapeutic use/ STREPTODORNASE AND STREPTOKINASE, therapeutic use/ VENTRICULOGRAPHY

6970. **Schulz J, Thom R:** Electrical sizing and counting of platelets in whole blood. Med Biol Eng 11:447-54, Jul 73
ANALOG-DIGITAL CONVERSION/ *BLOOD CELL COUNT, instrumentation/ *BLOOD PLATELETS, cytology/ ELECTRONICS, MEDICAL/ ERYTHROCYTES/ HUMAN/ METHODS

6971. **Schulz K, Dabels J:** Hämolytisch-urämisches Syndrom beim Erwachsenen.
Dtsch Gesundheitsw 27:2070-4, 2 Nov 72 (Ger)
AGED/ *ANEMIA, HEMOLYTIC, ACQUIRED, etiology/ ENGLISH ABSTRACT/ HEMOLYTIC-UREMIC SYNDROME, drug therapy/ HEMOLYTIC-UREMIC SYNDROME, etiology/ HEPARIN, therapeutic use/ HUMAN/ NEOPLASM METASTASIS/ PROSTATIC NEOPLASMS, complications/ *UREMIA, etiology

6972. **Schulze-Bergmann G:** Diagnostik und Behandlung der akuten Nierenvenenthrombose.
Med Klin 68:623-8, 11 May 73 (Ger)
ACUTE DISEASE/ ANGIOGRAPHY/ *COUMARINS, therapeutic use/ ENGLISH ABSTRACT/ *HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, MALIGNANT, surgery/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS/ RENAL ARTERY, radiography/ *RENAL VEINS/ RENAL VEINS, radiography/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, etiology

6973. **Schumacher HR:** Fate of particulate material arriving at the synovium via the circulation. An ultrastructural study. Ann Rheum Dis 32:212-8, May 73
ANIMAL EXPERIMENTS/ BASEMENT MEMBRANE, metabolism/ BLOOD PLATELETS, metabolism/ *CARBON,

metabolism/ COLLOIDS/ CYTOPLASM, metabolism/ MICROSCOPY, ELECTRON/ PHAGOCYTOSIS/ RABBITS/ SYNOVIAL MEMBRANE, blood supply/ *SYNOVIAL MEMBRANE, metabolism/ TIME FACTORS

6974. **Schumacher HR, Kitridou RC:** Synovitis of recent onset. A clinicopathologic study during the first month of disease.
Arthritis Rheum 15:465-85, Sep-Oct 72
ADOLESCENCE/ ADULT/ AGED/ ARTHRITIS, JUVENILE RHEUMATOID, complications/ *ARTHRITIS, RHEUMATOID, complications/ ARTHRITIS, RHEUMATOID, diagnosis/ ARTHRITIS, RHEUMATOID, pathology/ BASEMENT MEMBRANE/ BLOOD PLATELETS/ CHILD/ COMPLEMENT/ ERYTHEMA NODOSUM, complications/ FEMALE/ GAMMA GLOBULIN/ HUMAN/ HYPERSENSITIVITY, complications/ LEUKOCYTE COUNT/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ MALE/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ RHEUMATOID FACTOR, analysis/ SYNOVIAL FLUID, analysis/ SYNOVIAL MEMBRANE, pathology/ SYNOVITIS, diagnosis/ *SYNOVITIS, etiology/ SYNOVITIS, pathology

6975. **Schumacher KA, Classen HG:** The preventive effect of a low-molecular pentosan-polysulphate on DAS-induced increase in pulmonary vascular resistance caused by platelet-aggregation.
Arzneim Forsch 23:431-3, Mar 73
ADENOSINE DIPHOSPHATE/ ADENOSINE DIPHOSPHATE, administration & dosage/ ANIMAL EXPERIMENTS/ BLOOD/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CATS/ CATTLE/ DEPRESSION, CHEMICAL/ FEMALE/ INJECTIONS, INTRAVENOUS/ MALE/ *PLATELET ADHESIVENESS, drug effects/ *POLYSACCHARIDES, pharmacodynamics/ *PULMONARY ARTERY/ TISSUE EXTRACTS/ *VASCULAR RESISTANCE, drug effects

6976. **Schwabe C:** A fluorescent assay for proteolytic enzymes. Anal Biochem 53:484-90, Jun 73
CATHEPSIN, analysis/ DIPEPTIDES, analysis/ FLUORESCENCE SPECTROMETRY/ FURANS/ HEMOGLOBIN/ HYDROGEN-ION CONCENTRATION/ INDICATORS AND REAGENTS/ KETONES/ KINETICS/ LEUCINE, analysis/ METHODS/ *PEPTIDE HYDROLASES, analysis/ SPIRO COMPOUNDS/ SUCCINATES

6977. **Schwabe G, Heene DL, Krause W:** Zur diagnostischen Bedeutung der Fibrinogen-Derivatanalyse.
Verh Dtsch Ges Inn Med 78:719-23, 1972 (Ger)
*BLOOD COAGULATION DISORDERS, blood/ *BLOOD COAGULATION FACTORS, analysis/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ FEMALE/ *FIBRINOGEN, metabolism/ HUMAN/ PREGNANCY

6978. **Schwartz AC:** Terpenoid quinones of the anaerobic Propionibacterium shermanii. I. (II, 3)-Tetrahydromenaquinone-9.
Arch Mikrobiol 91:273-9, 6 Jun 73
ANAEROBIOSIS/ CHROMATOGRAPHY, THIN LAYER/ ELECTRON TRANSPORT/ *HYDROQUINONES, isolation & purification/ MASS SPECTRUM ANALYSIS/ *PROPIONIBACTERIUM, analysis/ PROPIONIBACTERIUM, growth & development/ PROPIONIBACTERIUM, metabolism/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *VITAMIN K, isolation & purification

6979. **Schwartz AD:** Platelet aggregation in blood donors.
Transfusion 12:344-7, Sep-Oct 72
ADULT/ ASPIRIN, pharmacodynamics/ BLOOD BANKS/ BLOOD COAGULATION DISORDERS, chemically induced/ *BLOOD DONORS/ BLOOD PLATELETS, drug effects/ CHILD/ DENSITOMETRY/ EPINEPHRINE, pharmacodynamics/ FEMALE/ HUMAN/ MALE/ *PLATELET ADHESIVENESS, drug effects/ RED CROSS

6980. **Schwartz AD:** The splenic platelet reservoir in sickle cell anemia. Blood 40:678-83, Nov 72
*ANEMIA, SICKLE CELL, blood/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *BLOOD PLATELETS/ BLOOD PLATELETS, drug effects/ CHILD/ CHILD, PRESCHOOL/ EPINEPHRINE, pharmacodynamics/ HEMATOCRIT/ HEMOGLOBINOMETRY/ HUMAN/ MALE/ NEGROID RACE/ *SPLEEN, cytology/ SPLEEN, drug effects/ SPLENECTOMY/ SPLENOMEGALY, blood

6981. **Schwartz B, Cavulea O:** The blood-brain barrier in the cerebral edema of experimentally-induced cerebrovascular accidents.
Rev Roum Neurol 9:123-34, 1972
ANIMAL EXPERIMENTS/ *BLOOD-BRAIN BARRIER/ BRAIN, pathology/ BRAIN EDEMA, drug therapy/ *BRAIN EDEMA, etiology/ BRAIN EDEMA, pathology/ *CEREBROVASCULAR DISORDERS, complications/ HEMATOMA, complications/ HEMATOMA, etiology/ HYDROCORTISONE, therapeutic use/ MALE/ RATS/ TIME FACTORS

6982. **Schwartz HL, Schadlow AR, Faierman D, et al:** Heparin administration appears to decrease cellular binding of thyroxine. J Clin Endocrinol Metab 36:598-600, Mar 73
ADULT/ FEMALE/ HEMODIALYSIS/ *HEPARIN, pharmacodynamics/ HUMAN/ KINETICS/ MALE/ MIDDLE AGE/ *PROTEIN BINDING, drug effects/ SERUM ALBUMIN, RADIO-IODINATED, diagnostic use/ *THYROXINE, metabolism/ TIME FACTORS/ UREMIA, therapy

6983. **Schwartz J, Elizan TS:** Further characterization of suckling mouse cataract agent (SMCA): a slow, persistent infection of the nervous system.
Proc Soc Exp Biol Med 141:699-704, Nov 72
ANIMAL EXPERIMENTS/ *ARBOVIRUS, analysis/ BROMODEOXYURIDINE, pharmacodynamics/ *CATARACT, microbiology/ CHICK EMBRYO/ DACTINOMYCIN, pharmacodynamics/ DRUG RESISTANCE, MICROBIAL/ FILTRATION/ HEAT/ HYDROGEN-ION CONCENTRATION/ HYDROXYUREA, pharmacodynamics/ INCLUSION BODIES, VIRAL/ KANAMYCIN, pharmacodynamics/ LENS, CRYSTALLINE, microbiology/ MICE/ MICROPORE FILTERS/ MICROSCOPY, ELECTRON/ *NERVOUS SYSTEM DISEASES, microbiology/ ORGAN CULTURE/ PARTICLE SIZE/ PENICILLIN, pharmacodynamics/ RABBITS/ RIFAMPIN, pharmacodynamics/ *SLOW VIRUS DISEASES, microbiology/ STREPTOMYCIN, pharmacodynamics/ TRYPSIN/ ULTRAVIOLET RAYS/ VIRUS REPLICATION, drug effects

6984. **Schwartz J, Levy R, Vardinon N:** Human red cells receptors and immune adherence haemagglutination.
Experientia 28:1097-8, 15 Sep 72
*ANTIBODIES/ BINDING SITES/ ERYTHROCYTES, drug effects/ *ERYTHROCYTES, immunology/ HUMAN/ *IMMUNE ADHERENCE REACTION/ TRYPSIN, pharmacodynamics

6985. **Schwartz ML, Pizzo SV, Hill RL, et al:** Human Factor XIII from plasma and platelets. Molecular weights, subunit structures, proteolytic activation, and cross-linking of fibrinogen and fibrin.
J Biol Chem 248:1395-407, 25 Feb 73
AMINO ACIDS, analysis/ BLOOD, metabolism/ *BLOOD PLATELETS, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ *FACTOR XIII/ FACTOR XIII, analysis/ FACTOR XIII, isolation & purification/ FIBRIN/ FIBRINOGEN/ FIBRINOLYSIS/ GLUTAMYL TRANSPEPTIDASE/ GUINEA PIGS/ HUMAN/ LIVER, enzymology/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PAPAIN/ *PEPTIDE HYDROLASES/ PEPTIDES/ SODIUM DODECYL SULFATE/

SPECTROPHOTOMETRY, ULTRAVIOLET/ THROMBIN/ TRYPSIN/ ULTRACENTRIFUGATION

6986. **Schwartz ML, Sheldon D, Dorman F, et al:** Local anticoagulation of prosthetic heart valves. Circulation 48:Suppl 3:85-9, Jul 73
ANIMAL EXPERIMENTS/ *ANTICOAGULANTS, administration & dosage/ BLOOD COAGULATION TESTS/ CATTLE/ HEART ATRIUM, surgery/ *HEART VALVE PROSTHESIS/ HEART VALVE PROSTHESIS, adverse effects/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ INJECTIONS, INTRAVENOUS/ MALE/ MITRAL VALVE, surgery/ PROSTHESIS DESIGN/ SILICONE ELASTOMERS/ SUTURE TECHNICS/ THROMBOSIS, etiology/ TRICUSPID VALVE, surgery

6987. **Schwartz R, Greston W, Kleiner GJ:** Defibrination in saline abortion. Obstet Gynecol 40:728-37, Nov 72
*ABORTION, INDUCED, adverse effects/ AMNIOCENTESIS, adverse effects/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ FACTOR V, analysis/ FACTOR VIII, analysis/ FEMALE/ FIBRIN, analysis/ *FIBRIN, metabolism/ FIBRINOGEN, analysis/ HEMOGLOBIN, analysis/ HUMAN/ *HYPERTONIC SOLUTIONS, adverse effects/ PREGNANCY/ PROTAMINES, diagnostic use/ SERUM GLOBULINS, analysis/ SODIUM CHLORIDE, administration & dosage/ *SODIUM CHLORIDE, adverse effects/ THROMBIN, analysis

6988. **Schwarz K:** A bound form of silicon in glycosaminoglycans and polyuronides. Proc Natl Acad Sci USA 70:1608-12, May 73
ANIMAL EXPERIMENTS/ BINDING SITES/ CARTILAGE, analysis/ CATTLE/ CHONDROITIN, analysis/ COLORIMETRY/ DEXTRAN, analysis/ DIALYSIS/ FISHES/ GLYCOGEN, analysis/ HEPARIN, analysis/ HUMAN/ HYALURONIC ACID, analysis/ HYDROLYSIS/ INULIN, analysis/ METHODS/ MOLECULAR WEIGHT/ *MUCOPOLYSACCHARIDES, analysis/ PECTINS, analysis/ POLYMERS, analysis/ *SILICON, analysis/ SPECTROPHOTOMETRY/ STARCH, analysis/ UMBILICAL CORD, analysis/ UREA, pharmacodynamics/ *URONIC ACIDS, analysis

6989. **Schweckendiek W:** Kasuistik. Angeborene Tumoren der Nase und des Nasen-Rachenraumes. HNO 21:116-9, Apr 73 (Ger)
CHILD, PRESCHOOL/ CLEFT PALATE, complications/ *DERMOID CYST, congenital/ DERMOID CYST, surgery/ ENGLISH ABSTRACT/ FOLLOW-UP STUDIES/ *GANGLIONEUROMA, congenital/ GANGLIONEUROMA, surgery/ *HAMARTOMA, congenital/ HAMARTOMA, surgery/ *HEMANGIOMA, congenital/ HUMAN/ INFANT/ INFANT, NEWBORN/ LIP NEOPLASMS, congenital/ NASAL SEPTUM/ *NASOPHARYNGEAL NEOPLASMS, congenital/ NASOPHARYNGEAL NEOPLASMS, surgery/ *NOSE NEOPLASMS, congenital/ NOSE NEOPLASMS, surgery

6990. **Schweitz H, Vincent JP, Lazdunski M:** Trypsin--pancreatic secretory inhibitor (Kazal inhibitor) interaction. Kinetic and thermodynamic properties. Biochemistry 12:2841-6, 17 Jul 73
BINDING, COMPETITIVE/ BINDING SITES/ CATTLE/ HEAT/ HYDROGEN-ION CONCENTRATION/ KINETICS/ OPTICAL ROTATORY DISPERSION/ *PANCREAS, enzymology/ PROTEIN BINDING/ PROTEIN DENATURATION/ SPECTROPHOTOMETRY, ULTRAVIOLET/ THERMODYNAMICS/ TIME FACTORS/ *TRYPSIN, metabolism/ *TRYPSIN INHIBITORS, metabolism

6991. **Schweitzer F:** Früherkennung, Frühtherapie und Frühmobilisation des Herzinfarktes unter besonderer Bedachtnahme auf den Eisenstoffwechsel als sichtbaren Parameter für den Ablauf des lokalen Geschehens. Wien Med Wochenschr 123:Suppl 6:3-22, 1973 (Ger)
ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ ELECTRIC COUNTERSHOCK/ EXERCISE THERAPY/ FEMALE/ FIRST AID/ HUMAN/ *IRON, metabolism/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, diagnosis/ MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, etiology/ MYOCARDIAL INFARCT, metabolism/ MYOCARDIAL INFARCT, mortality/ *MYOCARDIAL INFARCT, physiopathology/ MYOCARDIAL INFARCT, rehabilitation/ MYOCARDIAL INFARCT, therapy/ PHYSICAL THERAPY/ SMOKING, complications/ STRESS, PSYCHOLOGICAL/ TIME FACTORS

6992. **Schweizer O, Howland WS, Goldiner PL:** Clinical applications. Clin Anesth 9:143-57, 1972
ACID-BASE EQUILIBRIUM/ ACIDOSIS, prevention & control/ ADULT/ AGED/ *ANESTHESIA, GENERAL/ ANESTHETICS/ BLOOD COAGULATION DISORDERS, prevention & control/ BLOOD TRANSFUSION/ CENTRAL VENOUS PRESSURE/ DISSEMINATED INTRAVASCULAR COAGULATION, prevention & control/ FEMALE/ GLUCOSE, therapeutic use/ HEMATOCRIT/ HUMAN/ LACTATES, blood/ MALE/ MIDDLE AGE/ MONITORING SYSTEMS/ *NEOPLASMS, surgery/ POSTOPERATIVE COMPLICATIONS, blood/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PYRUVATES, blood/ SHOCK, ENDOTOXIC, prevention & control

6993. **Schweizer O, Howland WS:** Septic shock. Clin Anesth 9:125-30, 1972
ADENOSINE TRIPHOSPHATE, biosynthesis/ ANESTHESIA, GENERAL/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ERYTHROCYTES, metabolism/ GLYCERIC ACIDS, blood/ HUMAN/ LACTATES, blood/ *NEOPLASMS, surgery/ ORGANOPHOSPHORUS COMPOUNDS, blood/ OXYGEN CONSUMPTION/ *SHOCK, ENDOTOXIC/ SHOCK, ENDOTOXIC, blood/ SHOCK, ENDOTOXIC, complications/ SHOCK, ENDOTOXIC, diagnosis/ SHOCK, ENDOTOXIC, metabolism/ SHOCK, ENDOTOXIC, therapy

6994. **Schweizer RT, Kountz SL, Belzer FO:** Wound complications in recipients of renal transplants. Ann Surg 177:58-62, Jan 73
AZATHIOPRINE, therapeutic use/ BACITRACIN, administration & dosage/ BACITRACIN, therapeutic use/ CYSTS, complications/ CYSTS, prevention & control/ CYSTS, therapy/ HEMATOMA, complications/ HEMATOMA, etiology/ HEMATOMA, therapy/ HEMODIALYSIS, adverse effects/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ *KIDNEY, transplantation/ LYMPH/ NEOMYCIN, administration & dosage/ NEOMYCIN, therapeutic use/ PREDNISONE, therapeutic use/ *SURGICAL WOUND INFECTION, complications/ SURGICAL WOUND INFECTION, microbiology/ SURGICAL WOUND INFECTION, prevention & control/ TRANSPLANTATION, HOMOLOGOUS

6995. **Schwesinger G, Richter HH:** Das Moschcowitz-Syndrom in der neurochirurgischen Differentialdiagnostik. Zentralbl Neurochir 33:137-41, 1972 (Ger)
*ANEMIA, HEMOLYTIC, pathology/ AUTOPSY/ BRAIN NEOPLASMS, diagnosis/ *CEREBROVASCULAR DISORDERS, pathology/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ ISCHEMIA, pathology/ MIDDLE AGE/ NEUROLOGIC MANIFESTATIONS/ *PURPURA, THROMBOTIC THROMBOPENIC, pathology/ THROMBOPENIA, diagnosis/ *THROMBOSIS, pathology

6996. **Schwick HG:** A survey of the production of plasma derivatives for clinical use. Vox Sang 23:82-91, Jul-Aug 72
ANTITHROMBIN, analysis/ BLOOD

COAGULATION FACTORS/ *BLOOD PROTEINS/ BLOOD PROTEINS, analysis/ BURNS, therapy/ CHOLINESTERASE, blood/ COMPLEMENT FIXATION TESTS/ CRYSTALLIZATION/ HUMAN/ IGA/ IGM/ IMMUNE SERUMS, isolation & purification/ IMMUNOGLOBULINS/ IMMUNOGLOBULINS, FC/ PEPSIN, pharmacodynamics/ PLACENTA, analysis/ PLASMINOGEN, analysis/ PSEUDOMONAS, immunology/ RH FACTORS/ SERUM ALBUMIN, isolation & purification/ TETANUS, immunology

6997. **Schwick HG:** Notes on plasma derivative production in the Federal Republic of Germany.
Vox Sang 23:44, Jul-Aug 72
BLOOD COAGULATION FACTORS, isolation & purification/ BLOOD DONORS/ *BLOOD PROTEINS, isolation & purification/ *BLOOD TRANSFUSION/ DRUG INDUSTRY/ GERMANY, WEST/ HUMAN/ IMMUNOGLOBULINS, isolation & purification/ PLACENTA, analysis/ *PLASMA/ RED CROSS

6998. **Schwick HG, Heide K:** Glykoproteine des Humanplasmas.
Wien Klin Wochenschr 85:213-6, 6 Apr 73 (28 ref.) (Ger)
CARBOHYDRATES, blood/ CHOLINESTERASE, blood/ COMPLEMENT/ ENGLISH ABSTRACT/ ERYTHROPOIETIN/ GLYCOPROTEINS, analysis/ *GLYCOPROTEINS, blood/ HUMAN/ IMMUNOGLOBULINS/ MACROGLOBULINS/ NEURAMINIC ACIDS/ REVIEW/ THYROXINE-BINDING PROTEIN/ TRANSCORTIN/ TRANSFERRIN/ TRYPSIN INHIBITORS, blood

6999. **Schwick HG, Trobisch H, Heimburger N:** Leistungsfähigkeit und Grenzen immunologischer Methoden in der Gerinnungsdiagnostik.
Internist (Berlin) 14:160-9, Apr 73 (Ger)
ANTIGEN-ANTIBODY COMPLEX/ ANTIGENS/ ANTITHROMBIN, analysis/ *BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION DISORDERS, familial & genetic/ *BLOOD COAGULATION FACTORS, analysis/ BLOOD PROTEIN ELECTROPHORESIS/ FACTOR VIII, analysis/ FACTOR IX, analysis/ FACTOR XIII, analysis/ FIBRINOGEN, analysis/ FIBRINOGEN, metabolism/ GEL DIFFUSION TESTS/ HEMOPHILIA, diagnosis/ HUMAN/ IMMUNOELECTROPHORESIS/ PLASMINOGEN, analysis/ PRECIPITIN TESTS/ PROTHROMBIN, analysis/ RABBITS, immunology/ RADIOIMMUNOASSAY/ VON WILLEBRAND'S DISEASE, diagnosis

7000. **Scott JE:** Amplification of staining by Alcian Blue and similar ingrain dyes.
J Histochem Cytochem 20:750-2, Sep 72
ALGINATES/ CATTLE/ CHONDROITIN/ *DYES/ HEPARIN/ HISTOCYTOCHEMISTRY/ NASAL SEPTUM, cytology/ *STAINS AND STAINING

7001. **Scott JM, Henderson A:** Acute villous inflammation in the placenta following intrauterine transfusion.
J Clin Pathol 25:872-5, Oct 72
ABSCESS, pathology/ ACHROMOBACTER, isolation & purification/ BACTERIAL INFECTIONS, etiology/ BACTERIAL INFECTIONS, pathology/ *BLOOD TRANSFUSION, INTRAUTERINE, adverse effects/ COOMBS' TEST/ FEMALE/ FETAL DISEASES, etiology/ FETAL DISEASES, microbiology/ FETAL DISEASES, pathology/ FIBRIN/ HEART, immunology/ HUMAN/ INFLAMMATION, etiology/ MALE/ *PLACENTA DISORDERS, etiology/ PLACENTA DISORDERS, pathology/ PREGNANCY/ PREGNANCY COMPLICATIONS, etiology/ TROPHOBLAST, pathology

7002. **Scott RA, Henson DE, Lesak A, et al:** Relations between metabolic increase of plasma free fatty acids and the occurrence of arteriosclerotic thromboarteritis in rabbits. Am J Pathol 70:209-44, Feb 73
ANIMAL EXPERIMENTS/ ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, complications/ *ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, pathology/ ARTERITIS, blood/ *ARTERITIS, etiology/ ARTERITIS, pathology/ CHOLESTEROL, DIETARY, administration & dosage/ CHROMATOGRAPHY, THIN LAYER/ CORTICOTROPIN, administration & dosage/ EPINEPHRINE, administration & dosage/ *FATTY ACIDS, NONESTERIFIED, blood/ HEPARIN, administration & dosage/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, SUBCUTANEOUS/ MALE/ MINERAL OIL, administration & dosage/ NICOTINE, administration & dosage/ RABBITS/ THROMBOSIS, blood/ *THROMBOSIS, etiology/ THROMBOSIS, pathology/ VITAMIN D, administration & dosage

7003. **Seabright M:** High resolution studies on the pattern of induced exchanges in the human karyotype.
Chromosoma 40:333-46, 1973
ADULT/ *CHROMOSOME ABERRATIONS/ FEMALE/ HUMAN/ KARYOTYPING/ *LYMPHOCYTES, radiation effects/ MALE/ MIDDLE AGE/ MITOSIS/ PLANT AGGLUTININS/ *RADIATION EFFECTS/ *RADIATION GENETICS/ SEX CHROMOSOMES/ TRYPSIN

7004. **Seabright M:** Improvement of trypsin method for banding chromosomes. Lancet 1:1249-50, 2 Jun 73
HUMAN/ *KARYOTYPING/ METHODS/ *TRYPSIN

7005. **Sealock RW, Laskowski M Jr:** Thermodynamics and kinetics of the reactive site peptide-bond hydrolysis in bovine pancreatic secretory trypsin inhibitor (Kazal). Biochemistry 12:3139-46, 14 Aug 73
AMINO ACID SEQUENCE/ ANHYDRIDES/ BENZOATES/ BINDING SITES/ CATALYSIS/ CATTLE/ CHEMISTRY/ COUMARINS/ ELECTROPHORESIS, DISK/ FLUORESCENCE SPECTROMETRY/ GUANIDINES/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ KINETICS/ MALEATES/ *PANCREAS/ SOY BEANS/ SPECIES SPECIFICITY/ SWINE/ THERMODYNAMICS/ TRYPSIN/ *TRYPSIN INHIBITORS/ TRYPSIN INHIBITORS, antagonists & inhibitors

7006. **Seamer J, Snape T:** Ehrlichia canis and tropical canine pancytopaenia. Res Vet Sci 13:307-14, Jul 72
ANEMIA, APLASTIC, microbiology/ ANEMIA, APLASTIC, pathology/ ANEMIA, APLASTIC, prevention & control/ *ANEMIA, APLASTIC, veterinary/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS/ BLOOD SEDIMENTATION/ *DOG DISEASES/ DOG DISEASES, prevention & control/ DOGS/ FEMALE/ HEMORRHAGE, veterinary/ LEUKOPENIA, veterinary/ MALE/ OXYTETRACYCLINE, therapeutic use/ RICKETTSIA, isolation & purification/ RICKETTSIAL DISEASES, pathology/ RICKETTSIAL DISEASES, prevention & control/ *RICKETTSIAL DISEASES, veterinary/ SEPTICEMIA, drug therapy/ SEPTICEMIA, prevention & control/ *SEPTICEMIA, veterinary/ SPECIES SPECIFICITY/ THIOSEMICARBAZONES, therapeutic use/ THROMBOPENIA, veterinary

7007. **Sear CH, Poller L:** A study of antiheparin activity of serum and platelet factor 4.
J Clin Pathol 25:1007, Nov 72
*BLOOD COAGULATION FACTORS/ *BLOOD PLATELETS/ *CALCIUM, blood/ GEL FILTRATION/ *HEPARIN ANTAGONISTS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ ISOELECTRIC FOCUSING/ MOLECULAR WEIGHT

7008. **Sebald M, Ionesco H:** Germination izP-dépendante des spores de Clostridium botulinum type.
C R Acad Sci [D] (Paris) 275:2175-7, 6 Nov 72 (Fre)
CLOSTRIDIUM BOTULINUM, enzymology/

*CLOSTRIDIUM BOTULINUM, metabolism/ MURAMIDASE, metabolism/ *MURAMIDASE, pharmacodynamics/ PEPTIDE HYDROLASES, metabolism/ *PEPTIDE HYDROLASES, pharmacodynamics/ *SPORES, metabolism/ SPORES, BACTERIAL, enzymology/ SPORES, BACTERIAL, metabolism

7009. **Secret CJ, Hadfield JR, Beer CT:** Studies on the binding of (3 H)vinblastine by rat blood platelets in vitro. Effects of colchicine and vincristine.
Biochem Pharmacol 21:1609-24, 1 Jun 72
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ *COLCHICINE, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG INTERACTIONS/ IN VITRO/ ISOTOPE LABELING/ LYMPHOMA, drug therapy/ NUCLEAR MAGNETIC RESONANCE/ PROTEIN BINDING, drug effects/ RATS/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TEMPERATURE/ TIME FACTORS/ TRITIUM/ VINBLASTINE, administration & dosage/ *VINBLASTINE, metabolism/ *VINCRISTINE, pharmacodynamics

7010. **Sedaghat A, Ayromlooi J:** Disseminated intravascular coagulation resulting in severe hemorrhage, following the intraamniotic injection of hypertonic saline to induce abortion.
Am J Obstet Gynecol 114:841-3, 15 Nov 72
*ABORTION, INDUCED, adverse effects/ ADULT/ BLOOD COAGULATION TESTS/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ HUMAN/ HYPERTONIC SOLUTIONS/ PREGNANCY/ *SODIUM CHLORIDE, adverse effects/ *UTERINE HEMORRHAGE, etiology

7011. **Sedlacek HH, Günzel P, Dannehl K:** Beitrag zur Bestimmung der primären blutungszeit am Hung. Z Versuchstierkd 15:10-9, 1973 (Ger)
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION TESTS, veterinary/ DOGS/ ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGE/ MALE/ TIME FACTORS

7012. **Seeler RA:** Pediatric perplexities case no. 1. Hemorrhagic diathesis in a ten-week old female.
Ill Med J 143:61-2, Jan 73
BLOOD COAGULATION FACTORS, analysis/ FEMALE/ GASTROENTERITIS, blood/ *GASTROENTERITIS, complications/ HUMAN/ INFANT/ VITAMIN K DEFICIENCY, blood/ VITAMIN K DEFICIENCY, diagnosis/ *VITAMIN K DEFICIENCY, etiology

7013. **Seeler RA, Imana RB:** Intracranial hemorrhage in patients with hemophilia.
J Neurosurg 39:181-5, Aug 73
ADOLESCENCE/ BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ *CEREBRAL HEMORRHAGE, etiology/ CEREBRAL HEMORRHAGE, surgery/ CHILD, PRESCHOOL/ CRYOGLOBULINS, therapeutic use/ FACTOR VIII, analysis/ FACTOR VIII, therapeutic use/ HEMATOMA, EPIDURAL, etiology/ HEMATOMA, SUBDURAL, etiology/ *HEMOPHILIA, complications/ HEMOPHILIA, drug therapy/ HUMAN/ INFANT/ MALE

7014. **Seeler RA, Shwiaki MZ:** Acute splenic sequestration crises (ASSC) in young children with sickle cell anemia. Clinical observations in 20 episodes in 14 children. Clin Pediatr (Phila) 11:701-4, Dec 72
ACUTE DISEASE/ *ANEMIA, SICKLE CELL, complications/ ANEMIA, SICKLE CELL, diagnosis/ ANEMIA, SICKLE CELL, therapy/ BLOOD TRANSFUSION/ CHILD, PRESCHOOL/ ERYTHROCYTES/ FEMALE/ HEMATOCRIT/ HEMOGLOBINOMETRY/ HUMAN/ INFANT/ LEUKOCYTOSIS, etiology/ MALE/ RECURRENCE/ SPLENECTOMY/ *SPLENOMEGALY, etiology/ THROMBOPENIA, etiology

7015. **Seeler RA, Shwiaki MZ:** Platelet function studies in factor V deficiency.
Acta Haematol (Basel) 48:176-82, 1972
BLOOD COAGULATION TESTS/ *BLOOD PLATELETS, metabolism/ CHILD/ *FACTOR V DEFICIENCY, blood/ HUMAN/ INFANT/ MALE/ NEGROID RACE/ PLATELET ADHESIVENESS

7016. **Segal AW:** A simple haemostatic device.
Lancet 1:378, 17 Feb 73
*BANDAGES/ COLLATERAL CIRCULATION/ HEMORRHAGE, therapy/ *HEMOSTASIS, instrumentation/ HUMAN/ PRESSURE

7017. **Segal AW, Levi AJ:** The mechanism of the NBT (nitroblue tetrazolium) test. Clin Sci 44:26P, Jun 73
*BACTERIAL INFECTIONS, diagnosis/ ENDOTOXINS, pharmacodynamics/ FIBRINOGEN, pharmacodynamics/ HEPARIN/ *NEUTROPHILS, physiology/ PHAGOCYTOSIS, drug effects/ *TETRAZOLIUM SALTS, diagnostic use

7018. **Segal DM, Cohen CH, Davies DR, et al:** The stereochemistry of substrate binding to chymotrypsin A . Cold Spring Harbor Symp Quant Biol 36:85-90, 1971
ALCOHOL, METHYL/ BINDING SITES/ CATALYSIS/ CHLORINE/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, antagonists & inhibitors/ CRYSTALLIZATION/ ESTERS/ HYDROLYSIS/ KETONES/ KINETICS/ MODELS, STRUCTURAL/ PEPTIDES/ PROTEIN BINDING/ PROTEIN CONFORMATION/ STRUCTURE-ACTIVITY RELATIONSHIP/ X-RAY DIFFRACTION

7019. **Segrest JP, Jackson RL, Marchesi VT, et al:** Red cell membrane glycoprotein: amino acid sequence of an intramembranous region.
Biochem Biophys Res Commun 49:964-9, 15 Nov 72
*AMINO ACID SEQUENCE/ CELL MEMBRANE, analysis/ CYANOGEN BROMIDE/ *ERYTHROCYTES, analysis/ GLYCOPEPTIDES, analysis/ *GLYCOPROTEINS, blood/ HUMAN/ HYDROLYSIS/ PEPTIDE CHAIN TERMINATION/ TRYPSIN

7020. **Segrest JP, Kahane I, Jackson RL, et al:** Major glycoprotein of the human erythrocyte membrane: evidence for an amphipathic molecular structure.
Arch Biochem Biophys 155:167-83, Mar 73
AMINO ACIDS, analysis/ BLOOD PROTEINS, metabolism/ *CELL MEMBRANE, metabolism/ CYANOGEN BROMIDE, pharmacodynamics/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ERYTHROCYTES, cytology/ ERYTHROCYTES, drug effects/ *GLYCOPROTEINS, metabolism/ HEXOSAMINES, analysis/ HUMAN/ HYDROLYSIS/ IN VITRO/ KINETICS/ NEURAMINIC ACIDS, analysis/ PEPTIDE CHAIN TERMINATION/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PROTEIN CONFORMATION/ RECEPTORS, DRUG/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN

7021. **Sehhati G, Frey R, Rheindorf P, et al:** Das ABC der SofortmaBnahmen am Notfallort und auf dem Transport ins Krankenhaus.
Munch Med Wochenschr 115:1201-7, 29 Jun 73 (Ger)
*ACCIDENTS/ BICARBONATES, therapeutic use/ CALCIUM, therapeutic use/ ELECTRIC COUNTERSHOCK/ ENGLISH ABSTRACT/ EPINEPHRINE, therapeutic use/ *FIRST AID/ HEART ARREST, therapy/ HEART MASSAGE/ HEMOSTASIS/ HUMAN/ INTUBATION, INTRATRACHEAL/ METHODS/ ORCIPRENALINE, therapeutic use/ PLASMA SUBSTITUTES, therapeutic use/ RESPIRATION, ARTIFICIAL/ RESPIRATORY PARALYSIS, therapy/ SHOCK, TRAUMATIC, therapy/ SODIUM/ *TRANSPORT OF WOUNDED AND SICK

7022. **Seid AB, Vorster WF:** Juvenile nasopharyngeal haemangiofibroma. S Afr Med J 46:517-8, 22 Apr 72
AGE FACTORS/ ANGIOMA, SCLEROSING, diagnosis/ *ANGIOMA, SCLEROSING, surgery/

CHILD/ HUMAN/ MALE/ NASOPHARYNGEAL NEOPLASMS, diagnosis/ *NASOPHARYNGEAL NEOPLASMS, surgery/ NOMENCLATURE

7023. **Seidel D:** Advances in lipoprotein research. Biochemical and clinical aspects.
Nutr Metab 15:9-16, 1973
APOPROTEINS, blood/ ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, etiology/ BLOOD PROTEIN DISORDERS, blood/ BLOOD PROTEIN DISORDERS, familial & genetic/ CARBOHYDRATES, analysis/ CHOLESTEROL, analysis/ CHYLOMICRONS, blood/ ESTERS, analysis/ HUMAN/ HYPERCHOLESTEREMIA, blood/ HYPERTHYROIDISM, blood/ HYPOTHYROIDISM, blood/ LIPOPROTEIN LIPASE, blood/ *LIPOPROTEINS/ LIPOPROTEINS, analysis/ LIPOPROTEINS, blood/ LIPOPROTEINS, HDL, blood/ LIPOPROTEINS, LDL, blood/ LIPOPROTEINS, VLDL, blood/ LIVER DISEASES, blood/ PHOSPHOLIPIDS, analysis/ PROTEINS, analysis/ RESEARCH/ REVIEW/ TRIGLYCERIDES, analysis

7024. **Seidel G:** Two functionally different kininogens in human plasma. Agents Actions 3:12-9, May 73
FIBRINOLYSIN, pharmacodynamics/ FIBRINOLYTIC AGENTS, pharmacodynamics/ GEL FILTRATION/ GLASS/ HUMAN/ KALLIKREIN, pharmacodynamics/ KININOGENS, blood/ KININOGENS, isolation & purification/ *KININS, blood/ MOLECULAR WEIGHT/ *PROTEIN PRECURSORS, blood/ TRYPSIN, pharmacodynamics

7025. **Seidel G, Meyer-Burgdorff C, Habel E:** Liberation of kinins during extracorporeal circulation?
Experientia 28:1193-4, 15 Oct 72
ADULT/ BLOOD PROTEINS/ *EXTRACORPOREAL CIRCULATION/ FEMALE/ HEART SURGERY/ HEPARIN, administration & dosage/ HUMAN/ KININOGENS, blood/ *KININS, blood/ MALE/ MIDDLE AGE/ *PROTEIN PRECURSORS, blood/ TIME FACTORS

7026. **Seidel G, Wendel U, Schlaeger M:** Activation of a specific human plasma kininogenase with trypsin and plasmin. Biochem Pharmacol 22:929-37, 15 Apr 73
ENZYME ACTIVATION, drug effects/ FIBRINOLYSIN, analysis/ *FIBRINOLYSIN, pharmacodynamics/ FLUFENAMIC ACID, pharmacodynamics/ HUMAN/ IODOBENZOATES, pharmacodynamics/ KININASE I, antagonists & inhibitors/ KININASE II, antagonists & inhibitors/ KININOGENS/ KININOGENS, analysis/ KININS/ KININS, analysis/ *PEPTIDE PEPTIDOHYDROLASES, blood/ PHENANTHROLINES, pharmacodynamics/ STREPTOKINASE, pharmacodynamics/ TIME FACTORS/ *TRYPSIN, pharmacodynamics

7027. **Seidl S:** Tiefkühlkonservierung von Blut.
Blut 25:145-9, Sep 72 (34 ref.) (Ger)
BLOOD BANKS/ BLOOD PRESERVATION/ ERYTHROCYTES/ *FREEZING/ GLYCERIN/ HUMAN/ NITROGEN/ POLYVINYLPYRROLIDONE/ REFRIGERATION/ REVIEW/ TEMPERATURE/ TIME FACTORS

7028. **Seidl S, Murgic J, Teixidor D:** Untersuchungen zur Tiefkühlkonservierung von Blut. 3. Die Verwendbarkeit der "droplet-freezing-technique" für die Konservierung von Test-Erythrozyten.
Blut 25:364-9, Dec 72 (Ger)
AGGLUTINATION/ *BLOOD GROUPS/ *BLOOD PRESERVATION/ ENGLISH ABSTRACT/ *ERYTHROCYTES/ FREEZING/ GLUCOSE/ GLYCERIN/ HUMAN/ SORBITOL/ SUCROSE

7029. **Seignalet J:** The Mo 91 antigen, an allele at the first HL-A locus. Tissue Antigens 2:454-60, 1972
*ALLELES/ ANTIBODY SPECIFICITY/ ANTIGENIC DETERMINANTS/ BLOOD PLATELETS, immunology/ CAUCASIAN RACE/ CROSS REACTIONS/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FEMALE/ GENES, STRUCTURAL/ HEMADSORPTION/ *HISTOCOMPATIBILITY ANTIGENS/ HISTOCOMPATIBILITY TESTING/ HUMAN/ IMMUNE SERUMS/ LYMPHOCYTES, immunology/ MALE

7030. **Seiji M, Fukuzawa H:** Tyrosinase in melanized melanosomes. Tohoku J Exp Med 108:291-302, Nov 72
ACID PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ CHICK EMBRYO/ DEOXYCHOLIC ACID, pharmacodynamics/ *DIPHENOL OXIDASES, metabolism/ DOPA, pharmacodynamics/ IN VITRO/ *MELANIN, biosynthesis/ MELANOCYTES, cytology/ *MELANOCYTES, enzymology/ MELANOCYTES, metabolism/ MELANOMA, enzymology/ MELANOMA, pathology/ MICROSCOPY, ELECTRON, SCANNING/ RATS/ RETINAL PIGMENTS/ SWINE/ TRYPSIN, pharmacodynamics/ VIBRATION

7031. **Seiler K:** Entgleisung der oralen Antikoagulation. Ursachen und Erklärungen.
Schweiz Med Wochenschr 102:1415-23, 7 Oct 72 (Ger)
*ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, blood/ BLOOD COAGULATION DISORDERS, chemically induced/ CHLORAMPHENICOL, blood/ COUMARINS, blood/ DRUG INTERACTIONS/ ENGLISH ABSTRACT/ GLUCAGON, blood/ HUMAN/ MODELS, BIOLOGICAL/ NEOMYCIN, blood/ PHENYLBUTAZONE, blood/ PROTEIN BINDING/ QUINIDINE, blood/ VITAMIN K, blood

7032. **Seiler K:** Besondere Probleme der Langzeitantikoagulation im Alter.
Praxis 61:1494-6, 28 Nov 72 (Ger)
AGED/ *ANTICOAGULANTS, therapeutic use/ HUMAN/ LIVER, metabolism/ VITAMIN K, metabolism

7033. **Seip M:** Neonatal blødning på grunn av antiepileptisk behandling under svangerskapet. Betydningen av K-vitaminoprofylakse.
Tidsskr Nor Laegeforen 92:1472-3, 20 Aug 72 (Nor)
ANTICONVULSANTS, adverse effects/ BLOOD COAGULATION DISORDERS, chemically induced/ *BLOOD COAGULATION DISORDERS, drug therapy/ ENGLISH ABSTRACT/ EPILEPSY, drug therapy/ FEMALE/ HUMAN/ INFANT, NEWBORN, DISEASES, chemically induced/ *INFANT, NEWBORN, DISEASES, drug therapy/ MATERNAL-FETAL EXCHANGE/ MELENA, chemically induced/ PREGNANCY COMPLICATIONS, drug therapy/ *VITAMIN K, therapeutic use

7034. **Seki T, Miwa I, Nakajima T, et al:** Plasma kallikrein-kinin system in nonmammalian blood: evolutionary aspects. Am J Physiol 224:1425-30, Jun 73
ANIMAL EXPERIMENTS/ BABOONS/ BLOOD, metabolism/ BRADYKININ, metabolism/ DUCKS/ ENZYME ACTIVATION/ *EVOLUTION/ FACTOR XII, metabolism/ FISHES/ FROGS/ GEESE/ HUMAN/ *KALLIKREIN, blood/ KALLIKREIN, physiology/ KALLIKREIN-TRYPSIN INACTIVATOR/ KININASE I, metabolism/ KININOGENS/ *KININS, blood/ KININS, physiology/ MONKEYS/ PIGEONS/ REPTILES/ TURTLES/ *VERTEBRATES, physiology

7035. **Selander RK, De la Chapelle A:** Interaction of quinacrine mustard with calf thymus histone fractions. Biochem J 131:757-64, Apr 73
BINDING SITES/ CATTLE/ CHROMATOGRAPHY, THIN LAYER/ DIALYSIS/ FLUORESCENCE SPECTROMETRY/ GUANIDINES/ *HISTONES/ HYDROGEN-ION CONCENTRATION/ *NITROGEN MUSTARD COMPOUNDS/ OSMOLAR CONCENTRATION/ PROTAMINES/ PROTEIN BINDING/ PROTEIN CONFORMATION/ *QUINACRINE/ SERUM ALBUMIN, BOVINE/ SODIUM CHLORIDE/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET/

SULFATES/ THYMUS GLAND/ TIME FACTORS/ UREA

7036. **Self TH:** Interaction of warfarin and aminosalicylic acid. JAMA 223:1285, 12 Mar 73
AGED/ *AMINOSALICYLIC ACID, therapeutic use/ ARTERIOSCLEROSIS, drug therapy/ DRUG SYNERGISM/ HUMAN/ MALE/ *WARFARIN, therapeutic use

7037. **Seligsohn U, Alexander N, Rapaport SI:** Fibrinogen synthesis in adrenalectomized rabbits.
Proc Soc Exp Biol Med 142:824-8, Mar 73
ADRENAL CORTEX HORMONES, administration & dosage/ ADRENAL CORTEX HORMONES, pharmacodynamics/ *ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CORTICOSTERONE, blood/ ENDOTOXINS, pharmacodynamics/ FIBRINOGEN, analysis/ *FIBRINOGEN, biosynthesis/ HEMATOCRIT/ METHIONINE, metabolism/ RABBITS/ RADIOISOTOPES/ SELENIUM/ TURPENTINE, pharmacodynamics

7038. **Seligsohn U, Rapaport SI, Kuefler PR:** Extra-adrenal effect of ACTH on fibrinogen synthesis.
Am J Physiol 224:1172-9, May 73
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CORTICOSTERONE, blood/ CORTICOTROPIN, administration & dosage/ *CORTICOTROPIN, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ *FIBRINOGEN, biosynthesis/ MALE/ METHIONINE, metabolism/ RABBITS/ RADIOISOTOPES/ SELENIUM/ SEX FACTORS

7039. **Seligsohn U, Rapaport SI, Zivelin A:** Patterns of incorporation of 75 Se-methionine into fibrinogen and other plasma proteins in rabbits stimulated by different test conditions.
Thromb Diath Haemorrh 29:76-86, 28 Feb 73
ALPHA GLOBULIN, biosynthesis/ ANIMAL EXPERIMENTS/ BETA GLOBULIN, biosynthesis/ CORTICOTROPIN/ ENDOTOXINS/ EPINEPHRINE/ *FIBRINOGEN, biosynthesis/ GLUCAGON/ HYDROCORTISONE/ LAPAROTOMY/ *METHIONINE, metabolism/ RABBITS/ RADIOISOTOPES/ SELENIUM/ SOMATOTROPIN/ TURPENTINE

7040. **Selivanov AA, Kovaleva TP, Aksenov OA, et al:** Antiinterferiruiushchee deĭstvie adenovirusov.
Vopr Virusol 17:574-7, Sep-Oct 72 (Rus)
*ADENOVIRUS/ ANTIGENS, VIRAL/ EMBRYO/ ENGLISH ABSTRACT/ HEAT/ HUMAN/ *INFLUENZA VIRUSES/ KIDNEY/ TISSUE CULTURE/ TRYPSIN/ *VESICULAR STOMATITIS VIRUS/ *VIRAL INTERFERENCE

7041. **Selivanov AI:** K voprosu o fibrogennom deĭstvii gliny, ispol'zuemoĭ v proizvodstve keramzita.
Gig Tr Prof Zabol 15:40-2, Aug 71 (Rus)
ANIMAL EXPERIMENTS/ CONSTRUCTION MATERIALS, adverse effects/ FIBRINOGEN/ *PNEUMOCONIOSIS, etiology/ PNEUMOCONIOSIS, pathology/ RATS

7042. **Selivanova KF, Kamins'ka GO, Troits'kiĭ GV:** Zmina struktury al'buminu krovi za dysfunktsiĭ shchytovydnoĭ zalozy.
Ukr Biokhim Zh 43:411-8, Jul-Aug 71 (Ukr)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ HUMAN/ HYPERTHYROIDISM, blood/ *HYPERTHYROIDISM, metabolism/ HYPOTHYROIDISM, blood/ *HYPOTHYROIDISM, metabolism/ PEPTIDES, analysis/ RABBITS/ *SERUM ALBUMIN, analysis/ SERUM ALBUMIN, biosynthesis/ TRYPSIN, pharmacodynamics

7043. **Seljelid R, Melsom H, Munthekaas A:** Lytic effect of mouse macrophages on red cells.
Exp Cell Res 75:534-6, Dec 72
CELLS, CULTURED/ CHROMIUM ISOTOPES/ CONCANAVALIN A, pharmacodynamics/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ *ERYTHROCYTES, immunology/ HEPARIN, pharmacodynamics/ IRON ISOTOPES/ MACROPHAGES, drug effects/ *MACROPHAGES, immunology/ MICE/ MICE, INBRED STRAINS/ ZINC, pharmacodynamics

7044. **Sell EJ, Corrigan JJ Jr:** Platelet counts, fibrinogen concentrations, and factor V and factor VIII levels in healthy infants according to gestational age.
J Pediatr 82:1028-32, Jun 73
ADULT/ AGE FACTORS/ BIRTH WEIGHT/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ CHILD/ *FACTOR V, analysis/ *FACTOR VIII, analysis/ FACTOR IX, analysis/ FIBRINOGEN, analysis/ GESTATIONAL AGE/ HEMATOCRIT/ HUMAN/ *INFANT, NEWBORN/ PROTHROMBIN, analysis/ VITAMIN K, pharmacodynamics

7045. **Sellers EM, Lang M, Koch-Weser J, et al:** Enhancement of warfarin-induced hypoprothrombinemia by triclofos. Clin Pharmacol Ther 13:911-5, Nov-Dec 72
ADMINISTRATION, ORAL/ ADULT/ CHLORINE/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG INTERACTIONS/ DRUG SYNERGISM/ FACTOR VII, analysis/ FACTOR X, analysis/ HUMAN/ HYPNOTICS AND SEDATIVES, administration & dosage/ *HYPNOTICS AND SEDATIVES, pharmacodynamics/ *HYPOPROTHROMBINEMIAS, chemically induced/ MALE/ ORGANOPHOSPHORUS COMPOUNDS, administration & dosage/ *ORGANOPHOSPHORUS COMPOUNDS, pharmacodynamics/ OSMOLAR CONCENTRATION/ PROTHROMBIN, analysis/ PROTHROMBIN TIME/ TIME FACTORS/ TRICHLOROACETIC ACID, blood/ *WARFARIN/ WARFARIN, administration & dosage/ WARFARIN, blood

7046. **Selman BR, Bannister TT, Dilley RA:** Trypsin inhibition of electron transport.
Biochim Biophys Acta 292:566-81, 5 Apr 73
ADENOSINE TRIPHOSPHATE, biosynthesis/ BINDING SITES/ CHLOROPLASTS, analysis/ CHLOROPLASTS, metabolism/ ELECTRON TRANSPORT, drug effects/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LIGHT/ MANGANESE, analysis/ MEMBRANES, metabolism/ MICROSCOPY, ELECTRON/ OXYGEN CONSUMPTION/ PARAQUAT/ PHOTOCHEMISTRY/ *PHOTOSYNTHESIS, drug effects/ PLANTS, cytology/ PLANTS, metabolism/ PROTEIN BINDING/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ATOMIC ABSORPTION/ TIME FACTORS/ *TRYPSIN, pharmacodynamics

7047. **Selroos O:** Thrombocytosis in rheumatoid arthritis.
Schriftenr Ver Wasser Boden Lufthyg 1:136-40, 1972
ADULT/ AMYLOIDOSIS, complications/ *ARTHRITIS, RHEUMATOID, complications/ BLOOD CELL COUNT/ BLOOD PLATELETS/ FEMALE/ HEMOGLOBIN/ HUMAN/ IRON, blood/ LEUKOCYTE COUNT/ MALE/ MIDDLE AGE/ *THROMBOCYTOSIS, etiology

7048. **Selroos O:** Infectious mononucleosis with thrombocytopenic purpura.
Acta Med Scand 192:471-4, Nov 72
ADOLESCENCE/ BLOOD PLATELETS, metabolism/ CHROMIUM ISOTOPES/ FEMALE/ HALF-LIFE/ HUMAN/ *INFECTIOUS MONONUCLEOSIS, complications/ PREDNISONE, therapeutic use/ *PURPURA, THROMBOPENIC, etiology/ PURPURA, THROMBOPENIC, metabolism/ PURPURA, THROMBOPENIC, surgery/ PURPURA, THROMBOTIC THROMBOPENIC, drug therapy/ SPLENECTOMY

7049. **Selroos O:** Thrombocytosis.
Acta Med Scand 193:431-6, May 73
AMYLOIDOSIS, complications/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ COLITIS, ULCERATIVE, blood/ COLITIS, ULCERATIVE, complications/ HUMAN/ MYELOPROLIFERATIVE DISORDERS, blood/ *MYELOPROLIFERATIVE DISORDERS,

complications/ POLYCYTHEMIA VERA, blood/ THROMBOCYTOSIS, blood/ *THROMBOCYTOSIS, etiology

7050. **Seltzer MH, Quarantillo EP Jr:** Spontaneous splenic rupture in an anticoagulated patient: a case report.
J Med Soc NJ 70:397-8, May 73
ADULT/ *ANTICOAGULANTS, adverse effects/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ PULMONARY EMBOLISM, drug therapy/ RUPTURE, SPONTANEOUS, chemically induced/ RUPTURE, SPONTANEOUS, diagnosis/ *SPLENIC RUPTURE, chemically induced/ SPLENIC RUPTURE, diagnosis

7051. **Semenchenko IG:** Tromboélastograficheskne pokazateli svertyvaniia krovi u bol'nykh épidemicheskim gepatitom.
Vrach Delo 10:149-52, Oct 72 (Rus)
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ HEPATITIS, INFECTIOUS, blood/ *HEPATITIS, INFECTIOUS, diagnosis/ HUMAN/ *THROMBELASTOGRAPHY

7052. **Semenko IF:** Fibrinoliticheskaia sistema krovi u bol'nykh ishemicheskoĭ bolezn'iu serdtsa.
Klin Med (Mosk) 50:41-7, Aug 72 (Rus)
ADULT/ AGED/ ARTERIOSCLEROSIS, blood/ CORONARY DISEASE, blood/ *CORONARY DISEASE, blood/ ENGLISH ABSTRACT/ *FIBRINOLYSIS/ HUMAN/ HYPERTENSION, complications/ MIDDLE AGE

7053. **Semenov AS, Goldin VI, Il'in GP:** Oslozhnenie pri le chenii kontrikalom.
Khirurgiia (Mosk) 48:133, Jul 72 (Rus)
CASE REPORT/ FEMALE/ HUMAN/ *KIDNEY FAILURE, ACUTE, chemically induced/ *LIVER DISEASES, chemically induced/ MIDDLE AGE/ *PANCREATITIS, drug therapy/ SALTS, adverse effects/ *TRYPSIN INHIBITORS, adverse effects

7054. **Semeraro N, Donati MB, Vermylen J:** Rapid latex-screening test for urine F.D.P.
Lancet 1:1057-8, 12 May 73
FIBRINOGEN, metabolism/ *FIBRINOGEN, urine/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ *LATEX FIXATION TESTS/ METHODS

7055. **Sen DK, Mohan H:** Cavernous hemangioma of the nose producing unilateral proptosis.
Am J Ophthalmol 74:747-8, Oct 72
ADULT/ BIOPSY/ *BLEPHAROPTOSIS, etiology/ COBALT ISOTOPES/ *EXOPHTHALMOS, etiology/ FEMALE/ *HEMANGIOMA, CAVERNOUS, complications/ HEMANGIOMA, CAVERNOUS, radiotherapy/ HUMAN/ *NOSE NEOPLASMS, complications/ NOSE NEOPLASMS, radiotherapy/ *PARANASAL SINUS NEOPLASMS, complications/ PARANASAL SINUS NEOPLASMS, radiotherapy/ RADIOISOTOPE TELETHERAPY

7056. **Senchenko IP, Shmal AG, Mal'ko VI, et al:** Primenenie proteoliticheskikh fermentov i soka kalankhoe v lechenii gneinykh zabolevanii miagkikh tkanei.
Klin Khir 7:67-8, Jul 73 (Rus)
*ABSCESS, drug therapy/ CARBUNCLE, drug therapy/ FURUNCULOSIS, drug therapy/ HUMAN/ *PEPTIDE HYDROLASES, therapeutic use/ *PLANTS, MEDICINAL/ *WOUND INFECTION, drug therapy

7057. **Seneca H, Henderson E:** Enhancement of brain L-dopa concentration with -chymotrypsin.
J Am Geriatr Soc 21:256-8, Jun 73
ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ *BRAIN, metabolism/ *BRAIN CHEMISTRY, drug effects/ CHYMOTRYPSIN, administration & dosage/ *CHYMOTRYPSIN, pharmacodynamics/ DOPA, administration & dosage/ DOPA, analysis/ DOPA, metabolism/ *DOPA, pharmacodynamics/ DOPAMINE, analysis/ DRUG SYNERGISM/ MICE/ NOREPINEPHRINE, analysis

7058. **Senn JS, Pinkerton PH:** Defective in vitro colony formation by human bone marrow preceding overt leukaemia.
Br J Haematol 23:277-81, Sep 72
ADULT/ AGED/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *BONE MARROW CELLS/ CELL COUNT/ CELLS, CULTURED/ *CLONE CELLS/ FEMALE/ HEMOGLOBINOMETRY/ HUMAN/ LEUKEMIA, pathology/ *LEUKEMIA, physiopathology/ MALE

7059. **Senyk G, Hadley WK:** In vitro correlates of delayed hypersensitivity in man: ambiguity of polymorphonuclear neutrophils as indicator cells in leukocyte migration test.
Infect Immun 8:370-80, Sep 73
ANTIGENS, BACTERIAL/ ASCITIC FLUID, cytology/ CANDIDA ALBICANS, immunology/ *CELL MIGRATION INHIBITION/ CELLS, CULTURED/ ENDOTOXINS/ ESCHERICHIA COLI, immunology/ HUMAN/ *HYPERSENSITIVITY, DELAYED, immunology/ LYMPHOCYTES, immunology/ MACROPHAGES, immunology/ NEUTROPHILS, immunology/ SKIN TESTS/ STREPTODORNASE AND STREPTOKINASE/ TETRAZOLIUM SALTS

7060. **Seoane JR, Warner RG, Seoane NA:** Heparin-induced lipolysis and feeding behavior in sheep.
Physiol Behav 9:419-22, Sep 72
ANIMAL EXPERIMENTS/ ANIMAL FEED/ ANIMAL NUTRITION/ FATTY ACIDS, NONESTERIFIED, blood/ *FEEDING BEHAVIOR, drug effects/ HEPARIN, administration & dosage/ *HEPARIN, pharmacodynamics/ INJECTIONS, INTRAVENOUS/ INSULIN/ INSULIN, blood/ LIPID MOBILIZATION, drug effects/ *LIPIDS, metabolism/ SHEEP

7061. **Seon BK, Yagi Y, Pressman D:** Comparative chemical study of alpha-and mu-chains from a single patient (SC).
J Immunol 111:1285-7, Oct 73
*AMINO ACID SEQUENCE/ CARBOXYPEPTIDASES, metabolism/ CHYMOTRYPSIN, metabolism/ HUMAN/ IGA, analysis/ IGM, analysis/ IMMUNOCHEMISTRY/ *IMMUNOGLOBULIN FRAGMENTS/ *IMMUNOGLOBULINS, FAB, analysis/ MYELOMA PROTEINS, analysis/ PEPTIDE CHAIN TERMINATION

7062. **Seppälä A, Olow B:** Renal angiomatosis with fatal perirenal haemorrhage. Case report.
Acta Chir Scand 138:636-8, 1972
AGED/ *ANGIOMATOSIS, complications/ ANGIOMATOSIS, mortality/ AUTOPSY/ FEMALE/ HEMORRHAGE, etiology/ *HEMORRHAGE, mortality/ HUMAN/ KIDNEY, blood supply/ KIDNEY, pathology/ *KIDNEY NEOPLASMS, complications/ KIDNEY NEOPLASMS, mortality

7063. **Serafini-Fracassini A, White CJ, Hunter JC:** The characterisation of heparin in bovine liver capsule.
FEBS Lett 32:116-8, 15 May 73
ANIMAL EXPERIMENTS/ CATTLE/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, ION EXCHANGE/ GALACTOSAMINE, analysis/ GALACTOSE, analysis/ GEL FILTRATION/ GLUCOSAMINE, analysis/ *HEPARIN, analysis/ HEPARIN, isolation & purification/ *LIVER, analysis/ MACROMOLECULAR SYSTEMS/ MEMBRANES, analysis/ MOLECULAR CONFORMATION/ MOLECULAR WEIGHT/ PROTEIN CONFORMATION/ PROTEINS, analysis/ SULFURIC ACIDS, analysis/ URONIC ACIDS, analysis/ XYLOSE, analysis

7064. **Seravalli E, Taranta A:** Release of macrophage migration inhibitory factor(s) from lymphocytes stimulated by streptococcal preparations.
Cell Immunol 8:40-54, Jul 73
AGING/ *CELL MIGRATION INHIBITION/ DEOXYRIBONUCLEASE, pharmacodynamics/ GUINEA PIGS/ HUMAN/ LECITHINS, pharmacodynamics/ LUNG, growth & development/ LUNG, metabolism/

LYMPHOCYTES, drug effects/ *LYMPHOCYTES, metabolism/ MACROPHAGES, drug effects/ *MACROPHAGES, metabolism/ PUROMYCIN, pharmacodynamics/ RIBONUCLEASE, pharmacodynamics/ SALMONELLA PARATYPHI/ *STREPTOCOCCUS/ TIME FACTORS/ TOXINS, isolation & purification/ *TOXINS, pharmacodynamics/ TRYPSIN, pharmacodynamics/ ULTRAFILTRATION

7065. **Seremetis MG, DeGuzman VC, Lyons WS, et al:** Cardiac pacemakers. Clinical experience with 289 patients.
Am Heart J 85:739-48, Jun 73
ADULT/ AGED/ ARRHYTHMIA, therapy/ CATHETERIZATION, adverse effects/ ELECTRODES, IMPLANTED/ FEMALE/ FOLLOW-UP STUDIES/ HEART ARREST, etiology/ HEART BLOCK, mortality/ HEART BLOCK, therapy/ HEMATOMA, etiology/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, mortality/ *PACEMAKER, ARTIFICIAL/ PACEMAKER, ARTIFICIAL, adverse effects/ PULMONARY EMBOLISM, mortality/ SPASM, etiology/ SURGICAL WOUND DEHISCENCE, etiology/ TIME FACTORS/ VENTRICULAR FIBRILLATION, etiology/ VENTRICULAR FIBRILLATION, mortality

7066. **Sergis E, Hilgartner MW:** Hemophilia.
Am J Nurs 72:2011-9, Nov 72
*HEMOPHILIA, therapy/ HOME NURSING/ HUMAN/ NEW YORK CITY/ *PATIENTS/ SELF MEDICATION

7067. **Serikova AZ, Konkin IF, Glebushko TF:** Izmenenie svertyvaemosti krovi pod vozdeĭstviem gravitatsionnykh peregruzok po dannym tromboelastografii.
Kosm Biol Med 6:10-4, Jan-Feb 72 (Rus)
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ CATS/ ENGLISH ABSTRACT/ FACTOR V, metabolism/ FIBRINOGEN, metabolism/ FIBRINOLYSIS/ *GRAVITATION/ HEPARIN, metabolism/ PROTHROMBIN, metabolism/ *THROMBELASTOGRAPHY

7068. **Serra S, Grynbaum A, Lajtha A, et al:** Peptide hydrolases in spinal cord and brain of the rabbit.
Brain Res 44:579-92, 29 Sep 72
AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ *BRAIN, enzymology/ BRAIN STEM, enzymology/ CEREBRAL CORTEX, enzymology/ MALE/ MYELIN SHEATH, metabolism/ *NERVE TISSUE PROTEINS, metabolism/ *PEPTIDE HYDROLASES, metabolism/ RABBITS/ RATS/ *SPINAL CORD, enzymology

7069. **Serradimigni A, Pascariello JC, Sacerdote P, et al:** Diagnostic des phlébites aiguës par le test au fibrinogène radio-actiff.
Mars Med 109:491-5, 1972 (Fre)
*FIBRINOGEN, diagnostic use/ HUMAN/ *IODINE ISOTOPES, DIAGNOSTIC/ LEG, blood supply/ *THROMBOPHLEBITIS, diagnosis

7070. **Setbon L:** La coagulopathie per-opératoire. Sa prophylaxie, par lavage-aspiration et héparinothérapie per-opératoire.
Nouv Presse Med 2:442, 17 Feb 73 (Fre)
ASPIRATION/ BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, etiology/ *BLOOD COAGULATION DISORDERS, prevention & control/ HEPARIN, therapeutic use/ HUMAN/ IRRIGATION/ POSTOPERATIVE COMPLICATIONS/ *SURGERY, OPERATIVE, adverse effects/ THROMBOPLASTIN

7071. **Seth SD, Mukhopadhaya A, Tariq M, et al:** Effect of hydrocortisone & hydrocortisone-antivenene combination on plasma fibrinogen level in Russell's viper envenomation. Indian J Exp Biol 10:357-9, Sep 72
ANIMAL EXPERIMENTS/ *ANTIVENINS, therapeutic use/ DRUG SYNERGISM/ FEMALE/ *FIBRINOGEN, analysis/ *HYDROCORTISONE, therapeutic use/ MALE/ RABBITS/ *SNAKES/ *VENOMS

7072. **Sethi GK, Nelson RM, Jenson CB:** Surgical management of acute septic pericarditis. Chest 63:732-5, May 73
ACUTE DISEASE/ ADHESIONS/ ADOLESCENCE/ ADULT/ AGED/ CARDIAC OUTPUT/ CARDIAC TAMPONADE, etiology/ EMERGENCIES/ FEMALE/ GRANULATION TISSUE/ HUMAN/ *INFECTION, surgery/ MALE/ MIDDLE AGE/ PERICARDIAL EFFUSION, etiology/ PERICARDITIS, complications/ PERICARDITIS, radiography/ *PERICARDITIS, surgery/ PERICARDITIS, CONSTRICTIVE, prevention & control/ STAPHYLOCOCCAL INFECTIONS, surgery

7073. **Settnes OP:** Some characteristics of the A antigen in Marek's disease virus--infected cell cultures.
Acta Pathol Microbiol Scand [B] 80:817-22, 1972
*ANTIGENS, VIRAL/ *AVIAN LEUKOSIS VIRUS, immunology/ CELLS, CULTURED/ CHICKENS, immunology/ CHLOROFORM/ ETHYL ETHER/ HEAT/ HYDROGEN-ION CONCENTRATION/ IMMUNE SERUMS/ L CELLS/ *MAREK'S DISEASE, immunology/ TIME FACTORS/ TRYPSIN/ VIRAL PROTEINS/ VIRUS CULTIVATION/ VIRUS INHIBITORS/ VIRUS REPLICATION

7074. **Severs WB, Summy-Long J, Daniels-Severs A:** Effect of a converting enzyme inhibitor (SQ 20,881) on angiotensin-induced drinking.
Proc Soc Exp Biol Med 142:203-4, Jan 73
*ANGIOTENSIN, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ *DRINKING, drug effects/ KININASE II, antagonists & inhibitors/ MALE/ *OLIGOPEPTIDES, pharmacodynamics/ *PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ RATS

7075. **Sevitt LH, Naish P, Baker LR, et al:** The significance of microangiopathic haemolytic anaemia in accelerated hypertension. Br J Haematol 24:503-10, Apr 73
ADULT/ AGED/ *ANEMIA, HEMOLYTIC, complications/ BLOOD CELL COUNT/ CREATININE, metabolism/ ERYTHROCYTES/ FEMALE/ FIBRIN/ FIBRINOGEN, metabolism/ FLUORESCENCE ANGIOGRAPHY/ HUMAN/ *HYPERTENSION, complications/ IODINE ISOTOPES/ KIDNEY DISEASES, complications/ KIDNEY DISEASES, metabolism/ MALE/ MIDDLE AGE/ RETINAL DISEASES, complications/ RETINAL VESSELS

7076. **Sevitt S:** The mechanisms of canalisation in deep vein thrombosis. J Pathol 110:153-65, Jun 73
ADULT/ AGED/ BLOOD PLATELETS/ COLLAGEN/ ENDOTHELIUM, pathology/ FEMALE/ FEMORAL VEIN, pathology/ FIBRIN/ FIBRINOLYSIS/ HEMOSIDERIN/ HUMAN/ ISCHEMIA/ LEUKOCYTES/ MALE/ MIDDLE AGE/ PLASMINOGEN/ POPLITEAL VEIN, pathology/ STAINS AND STAINING/ *THROMBOPHLEBITIS, pathology/ VEINS, pathology

7077. **Seyfried H, Górska B, Maj S, et al:** Apparent depression of antigens of the Kell blood group system associated with autoimmune acquired haemolytic anaemia.
Vox Sang 23:528-36, Dec 72
ADOLESCENCE/ AGRANULOCYTOSIS, chemically induced/ *ANEMIA, HEMOLYTIC, AUTOIMMUNE/ AZATHIOPRINE, adverse effects/ *BLOOD GROUPS/ BLOOD TRANSFUSION/ CELL SURVIVAL/ CHROMIUM ISOTOPES/ COOMBS' TEST/ ERYTHROCYTES/ HEMOGLOBINOMETRY/ HUMAN/ ISOANTIBODIES/ *ISOANTIGENS, analysis/ MALE/ THROMBOPENIA, chemically induced

7078. **Seyfried H, Górska B, Maj S, et al:** Apparent depression of antigens of the Kell blood group system associated with autoimmune acquired haemolytic anaemia.
Vox Sang 22:528-36, Dec 72
ADOLESCENCE/ AGRANULOCYTOSIS, chemically induced/ *ANEMIA, HEMOLYTIC,

AUTOIMMUNE/ AZATHIOPRINE, adverse effects/ *BLOOD GROUPS/ BLOOD TRANSFUSION/ CELL SURVIVAL/ CHROMIUM ISOTOPES/ COOMBS' TEST/ ERYTHROCYTES/ HEMOGLOBINOMETRY/ HUMAN/ ISOANTIBODIES/ *ISOANTIGENS, analysis/ MALE/ THROMBOPENIA, chemically induced

7079. **Sèze S:** Les ennuis de la chirurgie discale. Complications, opérations (blanches), échecs, récidives. Rev Prat 22:3177-82, 11 Sep 72 (Fre)
BACKACHE, etiology/ DIAGNOSIS, DIFFERENTIAL/ HEMATOMA, etiology/ INFLAMMATION/ INTERVERTEBRAL DISK, surgery/ INTERVERTEBRAL DISK DISPLACEMENT, diagnosis/ INTERVERTEBRAL DISK DISPLACEMENT, surgery/ MALPRACTICE/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ RECURRENCE/ SCIATICA, diagnosis/ SCIATICA, surgery/ SPECIAL LIST FOREIGN/ SPINAL NERVE ROOTS, pathology/ SPONDYLITIS, etiology

7080. **Sezi CL, Alpidovsky VK, Reeve MI:** Defibrination syndrome after snake bite.
East Afr Med J 49:589-96, Aug 72
ADOLESCENCE/ ANTIVENINS, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HEMORRHAGE, etiology/ HUMAN/ MALE/ MIDDLE AGE/ SHOCK, HEMORRHAGIC, prevention & control/ *SNAKE BITES, complications

7081. **Sezille G, Fruchart JC, Jaillard J, et al:** Dosage semi-automatique de la lipoproteine-lipase tissulaire, chez l'homme et chez l'animal.
Clin Chim Acta 44:399-407, 30 Mar 73 (Fre)
ADIPOSE TISSUE, enzymology/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ ENGLISH ABSTRACT/ HUMAN/ *LIPOPROTEIN LIPASE, analysis/ METHODS/ MYOCARDIUM, enzymology/ RABBITS/ RATS/ TRIGLYCERIDES

7082. **Sforza M, Perelli-Ercolini M:** Indagini di massa per la diagnosi precoce di tumori maligni attraverso esami ematochimici.
Minerva Med 62:4399-404, 24 Nov 71 (Ita)
ACID PHOSPHATASE, blood/ AMINOTRANSFERASES, blood/ COPPER, blood/ ENGLISH ABSTRACT/ FIBRINOGEN, analysis/ HUMAN/ LIVER, enzymology/ MASS SCREENING/ METHODS/ NEOPLASM METASTASIS, diagnosis/ NEOPLASMS, blood/ *NEOPLASMS, diagnosis/ PROTHROMBIN, analysis/ TIME FACTORS

7083. **Sgouris JT:** The current status of blood fractionation in the United States. Vox Sang 23:45-55, Jul-Aug 72
ANTIGENS, NEOPLASM, analysis/ ANTILYMPHOCYTE SERUM/ AUSTRALIA ANTIGEN, isolation & purification/ BLOOD DONORS/ *BLOOD PROTEINS, isolation & purification/ *BLOOD TRANSFUSION/ FACTOR VIII/ FACTOR VIII, isolation & purification/ FACTOR IX, isolation & purification/ HEPATITIS, HOMOLOGOUS SERUM, prevention & control/ HUMAN/ IMMUNOGLOBULINS, isolation & purification/ LEGISLATION, DRUG/ METHODS/ PLACENTA, analysis/ *PLASMA, analysis/ PLASMAPHERESIS/ SERUM ALBUMIN, isolation & purification/ UNITED STATES

7084. **Sha'afi RI, Pascoe E:** Further studies of sodium transport in feline red cells.
J Gen Physiol 61:709-26, Jun 73
ACETAMIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ BLOOD PRESERVATION/ *CATS, physiology/ *ERYTHROCYTES, metabolism/ FLUORIDES, pharmacodynamics/ GLUCOSE, pharmacodynamics/ IODOACETATES, pharmacodynamics/ LACTATES, biosynthesis/ MAGNESIUM, pharmacodynamics/ METHYLENE BLUE, pharmacodynamics/ *SODIUM, blood/ SODIUM ISOTOPES/ TIME FACTORS

7085. **Shabanov AN, Mikeladze KD:** Lechenie trasiloim ostrogo pankreatita i kholetsistopankreatita.
Vestn Khir 107:41-4, Jan 72 (Rus)
ACUTE DISEASE/ AMYLASE, metabolism/ *CHOLECYSTITIS, drug therapy/ CHOLECYSTITIS, enzymology/ ENGLISH ABSTRACT/ HUMAN/ INJECTIONS, INTRAVENOUS/ KALLIKREIN-TRYPSIN INACTIVATOR, administration & dosage/ KALLIKREIN-TRYPSIN INACTIVATOR, adverse effects/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ *PANCREATITIS, drug therapy/ PANCREATITIS, enzymology

7086. **Shackelford GD, McAlister WH:** Errors in the diagnosis of Wilms' tumors.
CRC Crit Rev Radiol Sci 3:171-96, Apr 72 (65 ref.)
ABDOMINAL NEOPLASMS, radiography/ ABSCESS, radiography/ ADENOCARCINOMA, radiography/ ANGIOGRAPHY/ CHILD/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ DIAGNOSTIC ERRORS/ HEMANGIOMA, radiography/ HUMAN/ HYDRONEPHROSIS, radiography/ KIDNEY, abnormalities/ KIDNEY, injuries/ KIDNEY, CYSTIC, radiography/ *KIDNEY NEOPLASMS, radiography/ KIDNEY, POLYCYSTIC, radiography/ LIPOMA, radiography/ *NEPHROBLASTOMA, radiography/ NEUROBLASTOMA, radiography/ PYELONEPHRITIS, radiography/ RENAL VEINS/ RETROPERITONEAL NEOPLASMS, radiography/ REVIEW/ THROMBOPHLEBITIS, radiography/ UROGRAPHY

7087. **Shafran R:** Case report. 1. Increasing freedom for the hemophiliac. RN 36:39-43, Apr 73
HEART SEPTAL DEFECTS, ATRIAL, surgery/ HEART SURGERY/ HEMOPHILIA/ MITRAL VALVE INSUFFICIENCY, surgery/ PATIENT CARE PLANNING/ SPECIAL LIST NURSING/ SURGICAL NURSING

7088. **Shah BC, Ambrus JL, Mink IB, et al:** Fibrin degradation products in renal parenchymal disease states and renal transplant patients.
Transplantation 14:705-10, Dec 72
ERYTHROCYTES, immunology/ *FIBRIN, metabolism/ FIBRIN, urine/ GLOMERULONEPHRITIS, metabolism/ GRAFT REJECTION/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ *KIDNEY, transplantation/ *KIDNEY DISEASES, metabolism/ KIDNEY FAILURE, ACUTE, metabolism/ PYELONEPHRITIS, metabolism/ TRANSPLANTATION, HOMOLOGOUS/ URETERAL OBSTRUCTION, metabolism

7089. **Shah DV, Suttie JW:** The chloro analog of vitamin K: antagonism of vitamin K action in normal and warfarin-resistant rats.
Proc Soc Exp Biol Med 143:775-9, Jul 73
ANIMAL EXPERIMENTS/ CHLORINE, administration & dosage/ CHLORINE, pharmacodynamics/ *DRUG RESISTANCE/ FEMALE/ HYPOPROTHROMBINEMIAS, chemically induced/ MALE/ NAPHTHOQUINONES, administration & dosage/ *NAPHTHOQUINONES, pharmacodynamics/ PROTHROMBIN, biosynthesis/ RATS/ RATS, INBRED STRAINS/ SEX FACTORS/ VITAMIN K, administration & dosage/ *VITAMIN K, antagonists & inhibitors/ VITAMIN K, pharmacodynamics/ VITAMIN K DEFICIENCY, blood/ *WARFARIN, pharmacodynamics

7090. **Shah S:** Generic non-equivalence in cardiac practice.
Indian Heart J 25:1-2, Jan 73
ANTICOAGULANTS, therapeutic use/ DIGOXIN, therapeutic use/ *HEART DISEASES, drug therapy/ HUMAN/ SPIRONOLACTONE, therapeutic use/ THERAPEUTIC EQUIVALENCY

7091. **Shahani KM, Herper WJ, Jensen RG, et al:** Enzymes in bovine milk: a review.
J Dairy Sci 56:531-43, May 73 (110 ref.)
ACID PHOSPHATASE, analysis/ ALDOLASE, analysis/ ALKALINE PHOSPHATASE, analysis/ AMYLASE, analysis/ ANIMAL EXPERIMENTS/ CARBONIC ANHYDRASE, analysis/ CATALASE, analysis/ *CATTLE, metabolism/ CYTOCHROME OXIDASE, analysis/ ESTERASES, analysis/ FEMALE/ GALACTOSIDASE, analysis/ LACTOSE SYNTHETASE, analysis/ LIPASE, analysis/ LIPOAMIDE DEHYDROGENASE, analysis/ *MILK, enzymology/ MURAMIDASE, analysis/ PEPTIDE PEPTIDOHYDROLASES, analysis/ PEROXIDASES, analysis/ REVIEW/ RIBONUCLEASE, analysis/ SULFURTRANSFERASES, analysis/ XANTHINE OXIDASE, analysis

7092. **Shainoff JR, Page IH:** Deposition of modified fibrinogen within the aortic intima.
Atherosclerosis 16:287-305, Nov-Dec 72
*AORTA, metabolism/ ARGININE, analysis/ ARTERIOSCLEROSIS, metabolism/ ELECTROPHORESIS/ FIBRIN, analysis/ FIBRINOGEN, analysis/ FIBRINOGEN, isolation & purification/ *FIBRINOGEN, metabolism/ GLYCINE, analysis/ HUMAN/ PEPTIDES, isolation & purification/ PROLINE, analysis

7093. **Shalash BA, Ayoub MI:** Pathogenesis of slit shaped pupil with a report of two cases associated with glaucoma. Bull Ophthalmol Soc Egypt 65:139-43, 1972
ADHESIONS/ ADOLESCENCE/ FEMALE/ *GLAUCOMA, complications/ GLAUCOMA, congenital/ GONIOSCOPY/ HUMAN/ *PUPIL, abnormalities

7094. **Shalgi R, Kraicer P, Rimon A, et al:** Proteins of human follicular fluid: the blood-follicle barrier.
Fertil Steril 24:429-34, Jun 73
ALPHA GLOBULIN, analysis/ BLOOD PROTEIN ELECTROPHORESIS/ *BLOOD PROTEINS, analysis/ *BODY FLUIDS, analysis/ DIFFUSION/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ FIBRINOGEN, analysis/ FILTRATION/ GEL DIFFUSION TESTS/ *GRAAFIAN FOLLICLE/ HUMAN/ IGG, analysis/ IGM, analysis/ IMMUNOELECTROPHORESIS/ IN VITRO/ LIPOPROTEINS, analysis/ MACROGLOBULINS, analysis/ MOLECULAR CONFORMATION/ MOLECULAR WEIGHT/ *PROTEINS, analysis/ SERUM ALBUMIN, analysis/ TRANSFERRIN, analysis

7095. **Shalla TA, Shepard JF:** The structure and antigenic analysis of amorphous inclusion bodies induced by potato virus X. Virology 49:654-67, Sep 72
*ANTIGENS, VIRAL, analysis/ BACILLUS SUBTILIS, enzymology/ COMPUTERS/ CYTOPLASM, microbiology/ FERRITIN/ *INCLUSION BODIES, VIRAL/ INCLUSION BODIES, VIRAL, drug effects/ MICROSCOPY, ELECTRON/ MODELS, STRUCTURAL/ PEPTIDE HYDROLASES, pharmacodynamics/ PLANT DISEASES/ *PLANT VIRUSES, growth & development/ PLANT VIRUSES, immunology/ POTASSIUM PERMANGANATE, pharmacodynamics/ RIBOSOMES/ TOBACCO, cytology/ VEGETABLES

7096. **Shamoo AE, Albers RW:** NA + -selective ionophoric material derived from electric organ and kidney membranes. Proc Natl Acad Sci USA 70:1191-4, Apr 73
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, drug effects/ CATTLE/ CHOLESTEROL/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ EELS/ *ELECTRIC ORGAN, analysis/ ENERGY TRANSFER/ *KIDNEY, analysis/ MEMBRANES, analysis/ MEMBRANES, ARTIFICIAL/ PEPTIDES, isolation & purification/ *PEPTIDES, pharmacodynamics/ POTASSIUM/ *SODIUM, physiology/ TRYPSIN

7097. **Shanberge JN, Tanaka K, Gruhl MC, et al:** The effect of oral contraceptives on fibrin-clot stabilization.
Ann NY Acad Sci 202:220-9, 8 Dec 72
ACETIC ACIDS/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CATTLE/ CHLORINE/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ETHYNODIOL DIACETATE, pharmacodynamics/ FACTOR XIII, analysis/ FACTOR XIII, metabolism/ FEMALE/ *FIBRIN, physiology/ FIBRINOGEN, analysis/ FIBRINOGEN, metabolism/ HUMAN/ MALE/ MESTRANOL, pharmacodynamics/ SEX FACTORS/ TEMPERATURE/ THROMBIN/ TIME FACTORS

7098. **Shaparenko BA:** Tromboélastografiia v otorinolaringologii.
Vestn Otorinolaringol 34:80-5, Sep-Oct 72 (Rus)
*BLOOD COAGULATION DISORDERS/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HUMAN/ METHODS/ *OTORHINOLARYNGOLOGIC DISEASES, blood/ THROMBELASTOGRAPHY

7099. **Shaper AG:** Cardiovascular disease in the tropics. IV. Coronary heart disease.
Br Med J 4:32-5, 7 Oct 72 (82 ref.)
AFRICA, EASTERN/ ARTERIOSCLEROSIS, occurrence/ BLOOD COAGULATION/ CEYLON/ CHOLESTEROL, blood/ CORONARY DISEASE, blood/ CORONARY DISEASE, mortality/ *CORONARY DISEASE, occurrence/ DIET/ DIETARY FATS/ FEMALE/ FIBRINOLYSIS/ HUMAN/ HYPERCHOLESTEREMIA, etiology/ MALE/ MIDDLE AGE/ PLATELET ADHESIVENESS/ POLYNESIA/ REVIEW/ SOUTH AFRICA/ TRANSIENTS AND MIGRANTS/ *TROPICAL MEDICINE

7100. **Shaper AG:** Diet in the epidemiology of coronary heart disease. Proc Nutr Soc 31:297-302, Dec 72 (19 ref.)
ARTERIOSCLEROSIS, etiology/ BLOOD PRESSURE/ *CHOLESTEROL/ CHOLESTEROL, blood/ CHOLESTEROL, DIETARY, adverse effects/ *CORONARY DISEASE, etiology/ CORONARY DISEASE, occurrence/ DIABETES MELLITUS, complications/ *DIET/ DIET, ATHEROGENIC/ DIET THERAPY/ DIETARY CARBOHYDRATES/ *DIETARY FATS, adverse effects/ FATTY ACIDS/ FATTY ACIDS, blood/ FATTY ACIDS, metabolism/ HUMAN/ HYPERCHOLESTEREMIA, complications/ HYPERCHOLESTEREMIA, etiology/ HYPERCHOLESTEREMIA, occurrence/ HYPERLIPEMIA, complications/ HYPERTENSION, complications/ OBESITY, complications/ REVIEW/ SUCROSE, adverse effects/ TRIGLYCERIDES, blood

7101. **Shapiro FB, Lomovskaia EG:** Vliianie adrenaléktomii na funktsional'noe sostoianie protivosvertyvaiushcheĭ sistemy krovi.
Biol Nauki 5:42-5, 1971 (Rus)
*ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ FEMALE/ FIBRINOGEN, metabolism/ FIBRINOLYSIS/ HEPARIN, metabolism/ IMMOBILIZATION/ RATS

7102. **Shapiro GA, Andersen JC, Pizzo SV, et al:** The subunit structure of normal and hemophilic factor VIII.
J Clin Invest 52:2198-210, Sep 73
AMINO ACIDS, analysis/ BLOOD COAGULATION TESTS/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FACTOR VIII, analysis/ FACTOR VIII, antagonists & inhibitors/ FACTOR VIII, isolation & purification/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HEMOPHILIA, blood/ HUMAN/ IMMUNE SERUMS/ ISOELECTRIC FOCUSING/ MERCAPTOETHANOL, pharmacodynamics/ MOLECULAR WEIGHT/ SODIUM DODECYL SULFATE/ THROMBIN, pharmacodynamics/ THROMBOPLASTIN/ UREA, pharmacodynamics

7103. **Shapiro HM, Markley K, Smaliman E:** Modification of burn shock mortality in mice by an oxidizing and a reducing agent.

Proc Soc Exp Biol Med 142:968-72, Mar 73
ANIMAL EXPERIMENTS/ *BURNS, drug therapy/ *CYSTEINE, therapeutic use/ CYSTEINE, toxicity/ FEMALE/ MICE/ ORGANOPHOSPHORUS COMPOUNDS, therapeutic use/ OXIDATION-REDUCTION/ SHOCK, TRAUMATIC, drug therapy/ SHOCK, TRAUMATIC, mortality/ *SHOCK, TRAUMATIC, prevention & control/ SODIUM CHLORIDE, pharmacodynamics/ SOLUTIONS/ VITAMIN K, pharmacodynamics/ *VITAMIN K, therapeutic use

7104. **Shapiro L, Teisch JA, Brownstein MH:** Dermatohistopathology of chronic gonococcal sepsis.
Arch Dermatol 107:403-6, Mar 73
ADOLESCENCE/ ADULT/ ANTIGENS, BACTERIAL, analysis/ BIOPSY/ CHRONIC DISEASE/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ GONORRHEA, blood/ GONORRHEA, complications/ GONORRHEA, immunology/ *GONORRHEA, pathology/ HEMATURIA, etiology/ HUMAN/ MALE/ MENINGOCOCCAL INFECTIONS, complications/ MENINGOCOCCAL INFECTIONS, pathology/ *SEPTICEMIA/ SHWARTZMAN PHENOMENON, complications/ SKIN, blood supply/ *SKIN, pathology/ SKIN DISEASES, etiology/ SKIN DISEASES, immunology/ *SKIN DISEASES, pathology/ VASCULAR DISEASES, etiology

7105. **Shapiro SL:** Juvenile nasopharyngeal angiofibroma.
Eye Ear Nose Throat Mon 51:482-6, Dec 72
ADOLESCENCE/ *ANGIOMA, SCLEROSING, pathology/ CHILD/ FEMALE/ HUMAN/ MALE/ *NASOPHARYNGEAL NEOPLASMS, pathology

7106. **Sharma DB, Bhargava V, Berry AM, et al:** Consumptive coagulopathy in typhoid fever.
Indian J Pediatr 39:375-8, Nov 72
CHILD/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HUMAN/ MALE/ PAPILLEDEMA, etiology/ *TYPHOID, complications

7107. **Sharma GV, Godin PF, Belko JS, et al:** Arvin therapy in experimental pulmonary embolism.
Am Heart J 85:72-7, Jan 73
ANGIOGRAPHY/ ANIMAL EXPERIMENTS/ DOGS/ FIBRINOGEN, analysis/ HEPARIN, therapeutic use/ *PEPTIDE HYDROLASES, therapeutic use/ PLASMINOGEN, analysis/ *PULMONARY EMBOLISM, drug therapy/ RADIOISOTOPE SCANNING/ SNAKES/ VENOMS

7108. **Sharma HM, Rosenswelg J, Chatterjee S, et al:** Platelets in hyperacute rejection of heterotopic cardiac allografts in presensitized dogs. An experimental study. Am J Pathol 70:155-74, Feb 73
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, immunology/ DOGS/ ELECTROCARDIOGRAPHY/ ERYTHROCYTE COUNT/ FLUORESCENT ANTIBODY TECHNIC/ *GRAFT REJECTION/ *HEART, transplantation/ IGG, analysis/ IMMUNOELECTROPHORESIS/ INJECTIONS, INTRAVENOUS/ LEUKOCYTE COUNT/ MICROSCOPY, ELECTRON/ MYOCARDIUM, immunology/ NECK/ PLATELET ADHESIVENESS/ SKIN, transplantation/ SULFINPYRAZONE, administration & dosage/ SULFINPYRAZONE, pharmacodynamics/ TRANSPLANTATION, HOMOLOGOUS

7109. **Sharma ID, Chandra D, Charan A, et al:** Haemophilia presenting as acute mechanical small intestinal obstruction. J Indian Med Assoc 59:109-10, 1 Aug 72
ACUTE DISEASE/ ADOLESCENCE/ CASE REPORT/ *HEMOPHILIA, complications/ *HEMORRHAGE, GASTROINTESTINAL, complications/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ *INTESTINAL OBSTRUCTION, etiology/ *INTESTINE, SMALL/ MALE

7110. **Sharma ON:** Thrombocytopenia following measles-mumps-rubella vaccination in a one-year-old infant. Clin Pediatr (Phila) 12:315, May 73
HUMAN/ INFANT/ *MEASLES, prevention & control/ *MUMPS, prevention & control/ *RUBELLA, prevention & control/ *THROMBOPENIA, etiology/ VACCINATION, adverse effects

7111. **Sharnoff JG:** Prevention of thromboembolism.
Bull NY Acad Med 49:655-60, Aug 73
AGED/ ANIMAL EXPERIMENTS/ CLINICAL RESEARCH/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MEGAKARYOCYTES/ POSTOPERATIVE COMPLICATIONS/ RABBITS/ THROMBOCYTOSIS, etiology/ *THROMBOEMBOLISM, prevention & control

7112. **Sharnoff JG:** Efficacy of heparin. Lancet 1:258, 3 Feb 73
HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *PULMONARY EMBOLISM, prevention & control

7113. **Sharp AA:** Coagulometers. J Clin Pathol 25:1011, Nov 72
*BLOOD COAGULATION TESTS, instrumentation

7114. **Sharp AA, Allington MJ, Chesterman CN:** Thrombolysis. J Clin Pathol 25:630-1, Jul 72
ADSORPTION/ ALPHA GLOBULIN, metabolism/ CADAVER/ FIBRINOLYSIN, antagonists & inhibitors/ FIBRINOLYSIN, metabolism/ *FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, therapeutic use/ GEL FILTRATION/ HUMAN/ MODELS, BIOLOGICAL/ PLASMINOGEN, metabolism/ STREPTOKINASE, therapeutic use/ *THROMBOSIS, drug therapy/ THROMBOSIS, prevention & control

7115. **Sharp HL, Desnick RJ, Krivit W:** The liver in inherited metabolic diseases of childhood.
Prog Liver Dis 4:463-88, 1972 (107 ref.)
ALPHA GLOBULIN, analysis/ BIOPSY/ BLOOD PROTEIN ELECTROPHORESIS/ CHILD/ CHILD, PRESCHOOL/ GLUCOSIDASE, metabolism/ GLUCOSYLTRANSFERASES, metabolism/ GLYCOGENOSIS, pathology/ GLYCOLIPIDS, metabolism/ HEART DISEASES, pathology/ HEXOSAMINIDASES, analysis/ HEXOSAMINIDASES, metabolism/ HUMAN/ INFANT/ *LIVER, pathology/ LIVER CIRRHOSIS, etiology/ LIVER DISEASES, pathology/ METABOLISM, INBORN ERRORS, complications/ METABOLISM, INBORN ERRORS, diagnosis/ *METABOLISM, INBORN ERRORS, pathology/ MICROSCOPY, ELECTRON/ MYOCARDIUM, pathology/ PULMONARY EMPHYSEMA, etiology/ REVIEW/ SPHINGOLIPIDS, metabolism/ TRYPSIN INHIBITORS, metabolism

7116. **Shashkov LA:** Zavisimost' deĭstviia kofaktora na aktivnost' protivovirusnykh antitel ot grupp krovi syvorotok liudeĭ.
Vopr Virusol 17:577-81, Sep-Oct 72 (Rus)
*ABO FACTORS/ ADULT/ *ANTIBODIES, VIRAL/ ANTIGENS, VIRAL/ *BLOOD COAGULATION FACTORS/ CROSS REACTIONS/ ENGLISH ABSTRACT/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ *INFLUENZA VIRUSES, immunology

7117. **Shatkin AJ, LaFiandra AJ:** Transcription by infectious subviral particles of reovirus.
J Virol 10:698-706, Oct 72
AMINO ACIDS, metabolism/ CENTRIFUGATION, DENSITY GRADIENT/ CHYMOTRYPSIN/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ L CELLS/ MICE/ *NUCLEOPROTEINS/ NUCLEOPROTEINS, analysis/ NUCLEOPROTEINS, pharmacodynamics/ PEPTIDES, analysis/ PHOSPHORIC ACIDS, metabolism/ PHOSPHORUS ISOTOPES/ *REOVIRUS/ REOVIRUS, analysis/ REOVIRUS, growth & development/ REOVIRUS, metabolism/ RNA, MESSENGER, biosynthesis/ RNA, VIRAL, analysis/ RNA, VIRAL, biosynthesis/ SODIUM

CHLORIDE/ *TRANSCRIPTION, GENETIC/ TRITIUM/ URIDINE, metabolism/ VIRAL PROTEINS, analysis

7118. **Shaw DC, Wells JR:** Radiochemical determination of a unique sequence around the reactive serine residue of a di-isopropyl phosphorofluoridate-sensitive plant carboxypeptidase and a yeast peptidase.
Biochem J 128:229-35, Jun 72
AMINO ACID SEQUENCE/ *CARBOXYPEPTIDASES/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS/ FLUORINE/ GEL FILTRATION/ HYDROLYSIS/ *ISOFLUROPHATE/ *PEPTIDE HYDROLASES/ PHOSPHORUS ISOTOPES/ PLANTS, enzymology/ SACCHAROMYCES CEREVISIAE, enzymology/ *SERINE

7119. **Shaw MC, Whitaker DR:** A comparison of inhibition constants for the inhibition of -lytic protease and porcine elastase by acetylated alanine peptides.
Can J Biochem 51:112-4, Jan 73
*ALANINE, pharmacodynamics/ CHROMATOGRAPHY, AFFINITY/ ESTERS, pharmacodynamics/ ISOMERISM/ KINETICS/ *PANCREATOPEPTIDASE, antagonists & inhibitors/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDES, pharmacodynamics/ POLYMERS/ STRUCTURE-ACTIVITY RELATIONSHIP/ SWINE

7120. **Shaw MT:** The effect of methotrexate and folinic acid therapy on the platelet count.
Scand J Haematol 10:24-7, 1973
BLOOD CELL COUNT/ *BLOOD PLATELETS, drug effects/ CITROVORUM FACTOR, administration & dosage/ *CITROVORUM FACTOR, therapeutic use/ FEMALE/ HUMAN/ METHOTREXATE, administration & dosage/ *METHOTREXATE, therapeutic use/ PREGNANCY/ THROMBOCYTOSIS/ THROMBOPENIA/ TIME FACTORS/ *TROPHOBLASTIC TUMOR, drug therapy/ *UTERINE NEOPLASMS, drug therapy

7121. **Shaw ST Jr, Jimenez JM, Moyer DL, et al:** Relationship of endometrial plasminogen activator to fibrin proteolysis in the uterine cavity of rhesus monkeys.
Am J Obstet Gynecol 115:983-5, 1 Apr 73
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION FACTORS/ *ENDOMETRIUM, enzymology/ ENZYME ACTIVATION/ FEMALE/ *FIBRINOLYSIS/ INTRAUTERINE DEVICES/ MACACA/ MENSTRUATION/ MONKEYS/ *PLASMINOGEN/ PREGNANCY/ *UTERUS

7122. **Shchiglik GM, Rybina NI:** Dva nabliudeniia gemangioperi tsitomy plevry.
Probl Tuberk 50:81-3, 1972 (Rus)
ADULT/ FEMALE/ *HEMANGIOPERICYTOMA, diagnosis/ HEMANGIOPERICYTOMA, pathology/ HUMAN/ MALE/ MIDDLE AGE/ *PLEURAL NEOPLASMS, diagnosis/ PLEURAL NEOPLASMS, pathology

7123. **Shearer MJ, Barkhan P:** Studies on the metabolites of phylloquinone (vitamin K 1) in the urine of man.
Biochim Biophys Acta 297:300-12, 28 Feb 73
CHROMATOGRAPHY, THIN LAYER/ DIAZOMETHANE/ GLUCURONATES, urine/ HUMAN/ HYDROLYSIS/ MALE/ MODELS, BIOLOGICAL/ PERIODIC ACIDS/ PHYTONADIONE, metabolism/ *PHYTONADIONE, urine/ SOLUBILITY/ TIME FACTORS/ TRITIUM

7124. **Shearer MJ, McBurney A, Barkhan P:** Effect of warfarin anticoagulation on vitamin-K 1 metabolism in man.
Br J Haematol 24:471-9, Apr 73
ADULT/ CHROMATOGRAPHY, THIN LAYER/ HUMAN/ LIPIDS, blood/ MALE/ PHYTONADIONE, blood/ *PHYTONADIONE, metabolism/ PHYTONADIONE, urine/ PROTHROMBIN TIME/ TIME FACTORS/ TRITIUM/ VITAMIN K, blood/ WARFARIN, administration & dosage/ *WARFARIN, pharmacodynamics

7125. **Shefer DG, Krupin EN, Shmushkevich LS, et al:** Opyt ékstrennoĭ diagnostiki i lecheniia mozgovogo insul'ta.
Zh Nevropatol Psikhiatr 72:1159-64, 1972 (Rus)
*CEREBROVASCULAR DISORDERS/ CEREBROVASCULAR DISORDERS, diagnosis/ CEREBROVASCULAR DISORDERS, drug therapy/ ENGLISH ABSTRACT/ FIBRINOLYSIN, therapeutic use/ *FIRST AID/ HEPARIN, therapeutic use/ *HOSPITAL EMERGENCY SERVICE/ HUMAN/ RUSSIAN FEDERATION (ASIA)

7126. **Sheil AG, Mears D, Kelly GE, et al:** A controlled trial antilymphocyte globulin therapy (ALG) in man.
Transplant Proc 4:501-5, Dec 72
ACTINOMYCIN, therapeutic use/ ANTILYMPHOCYTE SERUM, adverse effects/ *ANTILYMPHOCYTE SERUM, therapeutic use/ AZATHIOPRINE, therapeutic use/ GOATS, immunology/ GRAFT REJECTION, radiotherapy/ HEPARIN, therapeutic use/ HISTOCOMPATIBILITY/ HORSES, immunology/ HUMAN/ INFECTION/ KIDNEY, transplantation/ PREDNISONE, therapeutic use/ *SEROTHERAPY, standards/ THROMBOPENIA, etiology/ TRANSPLANTATION, HOMOLOGOUS

7127. **Sheltawy MJ, Miloszewski K, Losowsky MS:** Studies on the activation of human factor XIII.
Thromb Diath Haemorrh 28:473-82, 31 Dec 72
ANTITHROMBIN, pharmacodynamics/ *BLOOD COAGULATION/ CADAVERINE, pharmacodynamics/ CALCIUM, pharmacodynamics/ ENZYME ACTIVATION/ *FACTOR XIII/ FIBRIN, analysis/ HEMOLYSINS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ METHODS/ PEPTIDE HYDROLASES/ SNAKES/ THROMBIN, antagonists & inhibitors/ THROMBIN, pharmacodynamics/ TRYPSIN, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics/ VENOMS

7128. **Sheltawy MJ, Miloszewski K, Losowsky MS:** Factors affecting factor XIII assay by dansyl cadaverine incorporation.
Thromb Diath Haemorrh 28:483-8, 31 Dec 72
CADAVERINE, metabolism/ CALCIUM/ CASEIN, biosynthesis/ CATTLE/ ENZYME ACTIVATION/ *FACTOR XIII, metabolism/ FACTOR XIII, pharmacodynamics/ HUMAN/ METHODS/ NAPHTHALENES/ *POLYAMINES, metabolism/ SULFONIC ACIDS/ TEMPERATURE/ THROMBIN, pharmacodynamics/ TIME FACTORS

7129. **Shematek EM, Diven WF, Arfin SM:** Subunit structure of -acetohydroxy acid isomeroreductase from Salmonella typhimurium.
Arch Biochem Biophys 158:126-31, Sep 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AUTOANALYSIS/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, PAPER/ CYSTINE, analysis/ ELECTROPHORESIS, PAPER/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ HYDROXYBUTYRATES/ *ISOMERASES, analysis/ LACTATES/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PEPTIDES, analysis/ PROTEIN DENATURATION/ *SALMONELLA TYPHIMURIUM, enzymology/ SODIUM DODECYL SULFATE/ SULFHYDRYL COMPOUNDS, analysis/ TIME FACTORS/ TRYPSIN/ UREA

7130. **Shenderiuk VI, Shumarova ON:** Izmenchivost' sostava i aktivnosti proteinaz Atlanticheskoĭ sel'di v zavisimosti ot biologicheskogo sostoianiia.
Prikl Biokhim Mikrobiol 9:84-5, Jan-Feb 73 (Rus)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ FEMALE/ *FISHES, physiology/ INTESTINES, enzymology/ MUSCLES, enzymology/ *PEPTIDE HYDROLASES, metabolism/ *REPRODUCTION/ *SEASONS

7131. **Shenderovich SF, Tokar' RG, Zakstel'skaia LIa:** Smechannaia bakterial'no-virusnaia infektsiia v

kul'ture tkani pochek embriona chelovaka, vysvannaia virusom grippa i stafilokokkom. Vopr Virusol 18:207-9, Mar-Apr 73 (Rus)
CYTOPLASM, microbiology/ ENGLISH ABSTRACT/ FLUORESCEINS/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ IMMUNE SERUMS/ *INFLUENZA VIRUSES, pathogenicity/ KIDNEY, embryology/ *STAPHYLOCOCCUS, pathogenicity/ *TISSUE CULTURE/ TRYPSIN

7132. **Shennan AT:** Purpura necrotica as a complication of ventriculoatrial shunts in hydrocephalus. Arch Dis Child 47:821-3, Oct 72
BLOOD, microbiology/ CEREBROSPINAL FLUID/ *CEREBROSPINAL FLUID SHUNTS, adverse effects/ CORTICOTROPIN, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DRAINAGE/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ *HYDROCEPHALUS, complications/ HYDROCEPHALUS, surgery/ INFANT/ MALE/ POSTOPERATIVE COMPLICATIONS/ *PURPURA, complications/ PURPURA, drug therapy/ STAPHYLOCOCCUS, isolation & purification

7133. **Shepherd GR:** Evidence for the biological coupling of biosynthesis and internal acetylation of histone fraction F2a1 (IV) in cultured mammalian cells. Biochim Biophys Acta 299:485-91, 28 Mar 73
ACETATES, metabolism/ ACETYLATION/ AMINO ACIDS, analysis/ AMINO ACIDS, metabolism/ CARBON ISOTOPES/ CELL DIFFERENTIATION/ CELL DIVISION/ CELLS, CULTURED/ CHROMATOGRAPHY, ION EXCHANGE/ FEMALE/ GEL FILTRATION/ HAMSTERS/ HISTONES, biosynthesis/ HISTONES, isolation & purification/ *HISTONES, metabolism/ HISTONES, physiology/ LYSINE, metabolism/ OVARY, cytology/ *OVARY, metabolism/ PEPTIDES, analysis/ TRITIUM/ TRYPSIN

7134. **Sheppard AJ, Prosser AR, Hubbard WD:** Gas chromatography of the fat-soluble vitamins: a review. J Am Oil Chem Soc 49:619-33, Nov 72 (100 ref.)
*CHROMATOGRAPHY, GAS/ FATS/ ISOMERISM/ METHODS/ REVIEW/ SOLUBILITY/ VITAMIN A, analysis/ VITAMIN D, analysis/ VITAMIN E, analysis/ VITAMIN K, analysis/ *VITAMINS, analysis

7135. **Sherman NJ, Williams K, Woolley MM:** Surgical complications in the patient with leukemia. J Pediatr Surg 8:235-44, Apr 73
ADOLESCENCE/ APPENDICITIS, complications/ CHILD/ CHILD, PRESCHOOL/ ERYTHREMIC MYELOSIS, complications/ *GASTROINTESTINAL DISEASES, complications/ GASTROINTESTINAL DISEASES, surgery/ HUMAN/ HYPERSPLENISM, complications/ INFANT/ INTESTINAL OBSTRUCTION, complications/ INTUSSUSCEPTION, complications/ *LEUKEMIA, complications/ LEUKEMIA, drug therapy/ LEUKEMIA, LYMPHOBLASTIC, complications/ LEUKEMIA, MYELOBLASTIC, complications/ MERCAPTOPURINE, therapeutic use/ PANCREATITIS, complications/ POSTOPERATIVE COMPLICATIONS/ PREDNISONE, therapeutic use/ THROMBOPENIA, complications/ TIME FACTORS

7136. **Sherry S:** Clinical trials with antithrombotic and thrombolytic agents. Principles and pitfalls. Thromb Diath Haemorrh 29:3-10, 28 Feb 73
*ANTICOAGULANTS, therapeutic use/ CLINICAL RESEARCH/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ METHODS/ MYOCARDIAL INFARCT, drug therapy/ PLACEBOS/ PULMONARY EMBOLISM, drug therapy/ TIME FACTORS

7137. **Shiao DD, Lumry R, Rajender S:** Modification of protein properties by change in charge. Succinylated chymotrypsinogen. Eur J Biochem 29:377-85, 18 Sep 72
ACETAMIDES/ CHEMISTRY/ *CHYMOTRYPSIN/ *CHYMOTRYPSINOGEN/ ELECTROPHORESIS/ ESTERS/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LYSINE/ OPTICAL ROTATORY DISPERSION/ PROTEIN CONFORMATION/ SPECTROPHOTOMETRY, ULTRAVIOLET/ STRUCTURE-ACTIVITY RELATIONSHIP/ *SUCCINATES/ THERMODYNAMICS/ TRYPTOPHAN/ ULTRACENTRIFUGATION

7138. **Shields CE:** Evaluation of undefined material present in stored blood infusion. Milit Med 136:351-3, Apr 71
BLOOD COAGULATION/ *BLOOD PRESERVATION/ FILTRATION/ HUMAN/ MILITARY MEDICINE/ TEMPERATURE/ TIME FACTORS

7139. **Shields JA:** Lesions simulating malignant melanoma of the posterior uvea. Arch Ophthalmol 89:466-71, Jun 73
ABSCESS, diagnosis/ CHORIORETINITIS, diagnosis/ CHOROID NEOPLASMS, diagnosis/ CILIARY BODY/ DIAGNOSIS, DIFFERENTIAL/ *DIAGNOSTIC ERRORS/ EYE FOREIGN BODIES, diagnosis/ *EYE NEOPLASMS, diagnosis/ FLUORESCENCE ANGIOGRAPHY/ HEMANGIOMA, diagnosis/ HUMAN/ HYPERPLASIA, diagnosis/ MACULA LUTEA/ *MELANOMA, diagnosis/ NEURILEMMOMA, diagnosis/ NEUROFIBROMA, diagnosis/ NEVUS, diagnosis/ OPHTHALMOSCOPY/ RETINAL DEGENERATION, diagnosis/ RETINAL DETACHMENT, diagnosis/ RETINAL DISEASES, diagnosis/ RETINAL HEMORRHAGE, diagnosis/ *UVEA/ VITREOUS BODY

7140. **Shigekawa M, Tonomura Y:** Active subfragment of the inhibitory component of troponin. J Biochem (Tokyo) 72:957-71, Oct 72
*ACTOMYOSIN/ *ADENOSINE TRIPHOSPHATASE, antagonists & inhibitors/ CALCIUM/ CHROMATOGRAPHY/ DENSITOMETRY/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ MAGNESIUM/ MOLECULAR WEIGHT/ *MUSCLE PROTEINS/ RABBITS/ TRYPSIN

7141. **Shiloach J, Bauer S, Vlodavsky I, et al:** Phospholipase-C from Bacillus cereus: production, purification, and properties. Biotechnol Bioeng 15:551-60, May 73
BACILLUS CEREUS, analysis/ *BACILLUS CEREUS, enzymology/ BACILLUS CEREUS, growth & development/ BACILLUS CEREUS, metabolism/ CELL MEMBRANE, analysis/ CHEMISTRY/ CLOSTRIDIUM PERFRINGENS, enzymology/ CULTURE MEDIA/ DRUG STABILITY/ FERMENTATION/ FREEZE DRYING/ FREEZING/ HYDROLYSIS/ PEPTIDE HYDROLASES, analysis/ PHOSPHODIESTERASES, analysis/ *PHOSPHOLIPASE, isolation & purification/ PHOSPHOLIPIDS, metabolism/ POWDERS/ RIBONUCLEASE, analysis/ SPECIMEN HANDLING

7142. **Shimada Y:** Early stages in the reorganization of dissociated embryonic chick skeletal muscle cells. Z Anat Entwicklungsgesch 138:255-64, 1972
ANIMAL EXPERIMENTS/ CHICK EMBRYO/ EXTRACELLULAR SPACE/ INTERCELLULAR JUNCTIONS/ MICROSCOPY, ELECTRON/ MUCOPOLYSACCHARIDES/ MUSCLES, drug effects/ *MUSCLES, embryology/ SURFACE PROPERTIES/ TISSUE CULTURE/ TRYPSIN, pharmacodynamics

7143. **Shimada Y:** Scanning electron microscopy of myogenesis in monolayer culture: a preliminary study. Dev Biol 29:227-33, Oct 72
CELL DIFFERENTIATION/ CELL FUSION/ CELL MOVEMENT/ CELL NUCLEUS/ CELLS, CULTURED/ CHICK EMBRYO/ FIBROBLASTS, cytology/ METHODS/ *MICROSCOPY, ELECTRON, SCANNING/ MUSCLES, cytology/ *MUSCLES, embryology/ TIME FACTORS/ TRYPSIN

7144. **Shimamoto T:** New concept on atherogenesis and treatment of atherosclerotic diseases. Jap Heart J 13:537-62, Nov 72 (77 ref.)

ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ AORTA, pathology/ *ARTERIOSCLEROSIS/ ARTERIOSCLEROSIS, drug therapy/ ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, pathology/ BLOOD PLATELETS/ BLOOD PROTEINS, metabolism/ BLOOD VESSELS, pathology/ CEREBRAL ARTERIOSCLEROSIS, drug therapy/ CORONARY DISEASE, drug therapy/ ENDOTHELIUM, cytology/ ENDOTHELIUM, drug effects/ ENDOTHELIUM, pathology/ HUMAN/ MACACA/ MICROSCOPY, ELECTRON/ MONKEYS/ PLATELET ADHESIVENESS/ PYRIDINOLCARBAMATE, therapeutic use/ REVIEW/ STRESS, complications

7145. **Shimamoto T:** New concept on atherogenesis.
Vasa 2:84-95, 1973 (36 ref.)
*ARTERIOSCLEROSIS, etiology/ BLOOD PROTEINS/ CHOLESTEROL, blood/ CHOLESTEROL, DIETARY/ ENDOTHELIUM, cytology/ FIBRINOGEN, analysis/ FLUORESCENT ANTIBODY TECHNIC/ GAMMA GLOBULIN, analysis/ LIPOPROTEINS, blood/ MICROSCOPY, ELECTRON, SCANNING/ MONKEYS/ PLATELET ADHESIVENESS, drug effects/ PYRIDINOLCARBAMATE, pharmacodynamics/ RABBITS/ REVIEW

7146. **Shimamoto T, Yamazaki H, Shimamoto T:** Scanning electron microscopic observation of platelets in hemostasis.
Thromb Diath Haemorrh 29:168-82, 28 Feb 73
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS/ *HEMOSTASIS/ HEPARIN, pharmacodynamics/ MALE/ MICROSCOPY, ELECTRON, SCANNING/ PLATELET ADHESIVENESS/ RABBITS/ TIME FACTORS

7147. **Shimamura T:** Drug-induced renal medullary necrosis. I. Structural alteration of renal medulla; administration of 2-bromoethylamine hydrobromide.
Arch Pathol 94:406-10, Nov 72
ANIMAL EXPERIMENTS/ BASEMENT MEMBRANE/ BLOOD PLATELETS/ BROMINE/ CAPILLARIES, drug effects/ CELL NUCLEUS/ CYTOPLASM/ ENDOPLASMIC RETICULUM/ EPITHELIUM/ *ETHYLAMINES/ GOLGI APPARATUS/ *KIDNEY, drug effects/ *KIDNEY FAILURE, ACUTE, chemically induced/ KIDNEY FAILURE, ACUTE, pathology/ KIDNEY TUBULES, pathology/ MALE/ MICROSCOPY, ELECTRON/ NECROSIS, chemically induced/ RATS

7148. **Shimizu B, Saito A, Ito A, et al:** Synthetic studies on leupeptins and their analogs.
J Antibiot (Tokyo) 25:515-23, Sep 72
*ANTIBIOTICS, chem synthesis/ CHEMISTRY/ FIBRINOLYSIN, antagonists & inhibitors/ *OLIGOPEPTIDES, chem synthesis/ OLIGOPEPTIDES, pharmacodynamics

7149. **Shin BC, Carraway KL:** Association of glyceraldehyde 3-phosphate dehydrogenase with the human erythrocyte membrane. Effect of detergents, trypsin, and adenosine triphosphate.
J Biol Chem 248:1436-44, 25 Feb 73
ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ALDOLASE, blood/ CALCIUM, pharmacodynamics/ CARBON ISOTOPES/ CELL MEMBRANE, drug effects/ *CELL MEMBRANE, enzymology/ CHOLESTEROL, blood/ CHOLINESTERASE, blood/ DIPHOSPHOGLYCERIC ACIDS, pharmacodynamics/ EDTA, pharmacodynamics/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ERYTHROCYTES, drug effects/ *ERYTHROCYTES, enzymology/ *GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE, blood/ HEMOGLOBIN, biosynthesis/ HUMAN/ LACTATE DEHYDROGENASE, blood/ MAGNESIUM, pharmacodynamics/ NAD, pharmacodynamics/ OSMOLAR CONCENTRATION/ PHOSPHORUS, blood/ SODIUM DODECYL SULFATE, pharmacodynamics/ *SURFACE-ACTIVE AGENTS, pharmacodynamics/ TEMPERATURE/ TRYPSIN, pharmacodynamics

7150. **Shinada S:** [Assay methods and significance of fibrin-fibrinogen degradation products in blood]
Acta Haematol Jap 35:607-16, Oct 72 (Jap)
ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS/ ELECTROPHORESIS, DISK/ ENGLISH ABSTRACT/ FIBRIN, analysis/ *FIBRIN, metabolism/ FIBRINOGEN, analysis/ *FIBRINOGEN, metabolism/ GEL FILTRATION/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS/ RABBITS/ THROMBIN

7151. **Shinnawi BM:** "Case report". A case of haemorrhagic diathesis due to factor VII deficiency.
J Egypt Public Health Assoc 47:202-3, 1972
CASE REPORT/ CHILD, PRESCHOOL/ EGYPT/ *HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ *HYPOPROCONVERTINEMIA, complications/ MALE/ PROTHROMBIN TIME

7152. **Shinoda T:** Amino acid sequence of the first 65 residues of IgA myeloma protein.
Biochem Biophys Res Commun 52:1246-51, 19 Jun 73
ALKYLATION/ *AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CARBON ISOTOPES/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ DANSYL COMPOUNDS/ DITHIOTHREITOL/ ELECTROPHORESIS/ GEL FILTRATION/ HUMAN/ HYDROXYLAMINES/ *IGA, analysis/ IGA, isolation & purification/ IODOACETATES/ *MYELOMA PROTEINS, analysis/ MYELOMA PROTEINS, isolation & purification/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ THIOCYANATES/ TRYPSIN

7153. **Shinoda T:** Amino acid sequence of a human kappa type Bence-Jones protein. II. Chymotryptic peptides and sequence of protein NI.
J Biochem (Tokyo) 73:433-46, Feb 73
*AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *BENCE JONES PROTEIN, analysis/ CHROMATOGRAPHY/ *CHYMOTRYPSIN/ HUMAN/ PEPTIDE CHAIN TERMINATION/ *PEPTIDES, analysis/ TRYPSIN

7154. **Shinoda T:** Amino acid sequence of a human kappa type Bence-Jones protein. I. Tryptic peptides of protein NI.
J Biochem (Tokyo) 73:417-31, Feb 73
*AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ *BENCE JONES PROTEIN, analysis/ BENCE JONES PROTEIN, isolation & purification/ BENCE JONES PROTEIN, urine/ CHROMATOGRAPHY/ HUMAN/ IMMUNOELECTROPHORESIS/ MULTIPLE MYELOMA, urine/ PEPTIDE CHAIN TERMINATION/ *PEPTIDES, analysis/ *TRYPSIN

7155. **Shio H, Ramwell PW, Jessup SJ:** Prostaglandin E2: effects on aggregation, shape change and cyclic AMP of rat platelets.
Prostaglandins 1:29-36, Jan 72
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, blood/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS, cytology/ BLOOD PLATELETS, drug effects/ CELL AGGREGATION, drug effects/ DEPRESSION, CHEMICAL/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DRUG SYNERGISM/ PROSTAGLANDINS, pharmacodynamics/ PROTEIN BINDING/ RATS/ SPECIAL LIST REPRODUCTION/ SPECTROPHOTOMETRY/ THEOPHYLLINE, pharmacodynamics/ TRICHLOROACETIC ACID/ ULTRACENTRIFUGATION

7156. **Shires TK, Pitot HC:** Correlation of rat liver membrane binding of polysomes in vitro with function of the complexes formed.
Biochem Biophys Res Commun 50:344-51, 23 Jan 73
AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ BINDING SITES, drug effects/ IN VITRO/ LIVER, cytology/

*LIVER, metabolism/ MEMBRANES, drug effects/ *MEMBRANES, metabolism/ MICROSOMES, LIVER, drug effects/ MICROSOMES, LIVER, metabolism/ OROTIC ACID, metabolism/ *POLYRIBOSOMES, metabolism/ PUROMYCIN, pharmacodynamics/ RATS/ RIBONUCLEASE, metabolism/ TEMPERATURE/ TRITIUM/ TRYPSIN, pharmacodynamics

7157. **Shirley JE, Emery RS, Convey EM, et al:** Enzymic changes in bovine adipose and mammary tissue, serum and mammary tissue hormonal changes with initiation of lactation. J Dairy Sci 56:569-74, May 73
ADIPOSE TISSUE, analysis/ *ADIPOSE TISSUE, enzymology/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *CATTLE, metabolism/ CORTICOSTERONE, analysis/ CORTICOSTERONE, blood/ FEMALE/ GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ GLYCERIDES, biosynthesis/ *HORMONES, analysis/ HYDROCORTISONE, analysis/ HYDROCORTISONE, blood/ ISOCITRATE DEHYDROGENASE, analysis/ *LACTATION/ LIPOPROTEIN LIPASE, analysis/ *MAMMAE, analysis/ MAMMAE, enzymology/ PHOSPHOGLUCONATE DEHYDROGENASE, analysis/ PREGNANCY/ PROGESTERONE, analysis/ PROGESTERONE, blood/ PROLACTIN, blood/ PROTEINS, analysis/ SOMATOTROPIN, blood

7158. **Shirotani H, Ando F, Fukumasu H, et al:** Surgical techniques in infancy: hypothermia, bypass and postoperative care.
Med J Aust 2:Suppl:29-32, 12 Aug 72
BLOOD CELL COUNT/ BLOOD PLATELETS/ *EXTRACORPOREAL CIRCULATION/ FIBRINOGEN, analysis/ *HEART DEFECTS, CONGENITAL, surgery/ HEPARIN, therapeutic use/ HUMAN/ *HYPOTHERMIA, INDUCED/ INFANT/ METHODS/ *POSTOPERATIVE CARE/ PREOPERATIVE CARE/ THROMBELASTOGRAPHY/ TRANSPOSITION OF GREAT VESSELS, surgery

7159. **Shitikova AS:** Otsenka osnovnykh metodov issledovaniia pervichnogo gemostaza i dinamicheskoi funktsii krovianykh plastinok (obzor literatury.
Lab Delo 11:648-56, 1972 (100 ref.) (Rus)
ADENOSINE DIPHOSPHATE, metabolism/ *BLOOD COAGULATION TESTS/ BLOOD PLATELET DISORDERS, diagnosis/ BLOOD PLATELET DISORDERS, physiopathology/ *BLOOD PLATELETS/ BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, physiology/ BLOOD PLATELETS, physiopathology/ CLOT RETRACTION/ *HEMOSTASIS/ HUMAN/ METHODS/ MICROSCOPY, ELECTRON/ PLATELET ADHESIVENESS/ REVIEW/ TIME FACTORS

7160. **Shkenderov S:** A protease inhibitor in bee venom. Identification, partial purification and some properties. FEBS Lett 33:343-7, 15 Jul 73
ANIMAL EXPERIMENTS/ *BEES/ CASEIN, antagonists & inhibitors/ CHLOROMERCURIBENZOATES/ CHROMATOGRAPHY, ION EXCHANGE/ CYSTEINE/ DRUG STABILITY/ ELECTRIC CONDUCTIVITY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ HEMOLYSIS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IODOACETATES/ KINETICS/ MERCAPTOETHANOL/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TEMPERATURE/ *TRYPSIN INHIBITORS, analysis/ TRYPSIN INHIBITORS, isolation & purification/ TRYPSIN INHIBITORS, pharmacodynamics/ UREA/ *VENOMS

7161. **Shkliar BKh, Shukan LA, Grebenko VV, et al:** Indutsirovannyf kharakter biosinteza liticheskikh fermentov rastushchef kul'turof Actinomyces globisporus 8.
Mikrobiologiia 41:787-90, Sep-Oct 72 (Rus)
*ACTINOMYCES, enzymology/ ACTINOMYCES, growth & development/ CANDIDA, cytology/ CELL WALL/ CELLULOSE/ ENGLISH ABSTRACT/ ENZYME INDUCTION/ GLUCOSE/ *GLYCOSIDE HYDROLASES, biosynthesis/ LACTOSE/ MALTOSE/ *PEPTIDE HYDROLASES, biosynthesis/ PEPTONES/ STARCH/ SUCROSE

7162. **Shkliar BKh, Shukan LA:** Biosintez liticheskikh fermentov Actinomyces globisporus 8 i ikh deĭstvie na drozhzhi roda Candida.
Prikl Biokhim Mikrobiol 8:181-5, Mar-Apr 72 (Rus)
*ACTINOMYCES, enzymology/ CANDIDA, drug effects/ ENGLISH ABSTRACT/ GLUCOSIDASE, biosynthesis/ GLUCOSIDASE, pharmacodynamics/ PEPTIDE HYDROLASES, biosynthesis/ *PEPTIDE HYDROLASES, pharmacodynamics

7163. **Shlank H, Walter R:** Enzymic cleavage of post-proline peptide bonds: degradation of arginine-vasopressin and angiotensin II.
Proc Soc Exp Biol Med 141:452-5, Nov 72
AMINO ACIDS, analysis/ *ANGIOTENSIN, metabolism/ ARGININE/ CHEMISTRY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ GEL FILTRATION/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ MAGNESIUM/ MANGANESE/ OXYTOCIN, metabolism/ PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, metabolism/ PHENYLALANINE, metabolism/ PROLINE/ PROTEIN DENATURATION/ *UTERUS, enzymology/ *VASOPRESSIN, metabolism

7164. **Shlapak PT, Shvartsman LIa:** Gistokhimicheskie izmeneniia vnutrennikh organov pri lechenii tuberkuleza s primeneniem proteoliticheskikh fermentov v éksperimente.
Probl Tuberk 50:70-5, 1972 (Rus)
ALKALINE PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ *CHYMOTRYPSIN, therapeutic use/ DNA, metabolism/ ENGLISH ABSTRACT/ GLYCOGEN, metabolism/ GUINEA PIGS/ KIDNEY, metabolism/ LIVER, metabolism/ LUNG, metabolism/ MYCOBACTERIUM BOVIS/ MYOCARDIUM, metabolism/ RNA, metabolism/ SPLEEN, metabolism/ STREPTOMYCIN, therapeutic use/ SULFHYDRYL COMPOUNDS, metabolism/ *TUBERCULOSIS, drug therapy/ TUBERCULOSIS, metabolism

7165. **Shlatz L, Marinetti GV:** Calcium binding to the rat liver plasma membrane.
Biochim Biophys Acta 290:70-83, 1 Dec 72
ADENINE NUCLEOTIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ BINDING, COMPETITIVE/ BINDING SITES/ *CALCIUM, metabolism/ CELL MEMBRANE, drug effects/ *CELL MEMBRANE, metabolism/ DIALYSIS/ EDTA, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *LIVER, metabolism/ MAGNESIUM, metabolism/ NEURAMINIDASE, pharmacodynamics/ OSMOLAR CONCENTRATION/ PEPTIDE HYDROLASES, pharmacodynamics/ PHOSPHOLIPASE, pharmacodynamics/ POTASSIUM, pharmacodynamics/ PROTEIN BINDING/ RATS/ SODIUM, pharmacodynamics/ SODIUM DODECYL SULFATE, pharmacodynamics/ SURFACE-ACTIVE AGENTS, pharmacodynamics/ TEMPERATURE/ ULTRAFILTRATION

7166. **Shmushko RIa:** K metodike provedeniia proby obrazovaniia tromboplastina.
Lab Delo 7:444-5, 1972 (Rus)
BLOOD COAGULATION TESTS/ FACTOR VIII, analysis/ HEMOPHILIA, diagnosis/ HUMAN/ METHODS/ *THROMBOPLASTIN, analysis

7167. **Shock JP, Gutman FA, Appleton B:** Removal of dense secondary pupillary membranes following trauma: report of three cases. Ann Ophthalmol 5:243-9, Feb 73
ADHESIONS/ ADULT/ CONNECTIVE TISSUE/ EYE DISEASES, etiology/ EYE DISEASES, surgery/ *EYE INJURIES, complications/

HUMAN/ MALE/ *MEMBRANES/ MEMBRANES, blood supply/ MEMBRANES, surgery/ METHODS/ *MILITARY MEDICINE/ *PUPIL/ PUPIL, surgery/ VISUAL ACUITY

7168. **Shohat B, Allalouf D, Ber A:** A study of the effect of acid mucopolysaccharides on the growth of experimental tumors in mice.
Pathol Biol (Paris) 21:117-22, Feb 73
ANIMAL EXPERIMENTS/ CARCINOMA, EHRLICH TUMOR/ CELLS, CULTURED/ CHONDROITIN, pharmacodynamics/ HEPARIN, pharmacodynamics/ HYALURONIC ACID, pharmacodynamics/ IN VITRO/ LEUKEMIA, EXPERIMENTAL/ LYMPHOSARCOMA/ MAMMARY NEOPLASMS, EXPERIMENTAL/ MICE/ *MUCOPOLYSACCHARIDES, pharmacodynamics/ *NEOPLASMS, EXPERIMENTAL/ SARCOMA 180, CROCKER/ SARCOMA, EXPERIMENTAL

7169. **Shons AR, Bier M, Jetzer T, et al:** Techniques of in vivo plasma modification for the treatment of hyperacute rejection. Surgery 73:28-37, Jan 73
ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ BLOOD PLATELETS/ BLOOD PROTEIN ELECTROPHORESIS/ CELL SEPARATION/ COMPLEMENT/ DOGS/ *GRAFT REJECTION/ HEMATOCRIT/ HISTOCOMPATIBILITY ANTIGENS/ *IMMUNOSUPPRESSION/ *KIDNEY, transplantation/ LEUKOCYTES/ METHODS/ OXYGEN, blood/ SWINE/ *TRANSPLANTATION, HETEROLOGOUS

7170. **Shor Pinsker V, Díaz Infante JS, Murrieta Necoachea S, et al:** Estudio de las relaciones metabólicas feto-maternas. II. Los lípidos en el líquido amniótico del embarazo normal.
Ginecol Obstet Mex 32:157-65, Aug 72 (Spa)
ADULT/ *AMNIOTIC FLUID, analysis/ EMBOLISM, AMNIOTIC FLUID, metabolism/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT, NEWBORN/ LIPIDS, blood/ *LIPIDS, metabolism/ *MATERNAL-FETAL EXCHANGE/ PREGNANCY

7171. **Shorter RG, Huizenga KA, Spencer RJ, et al:** Lymphotoxin in nonspecific inflammatory bowel disease lymphocytes. Am J Dig Dis 18:79-83, Feb 73
ADOLESCENCE/ ADULT/ BIOPSY/ COLITIS, ULCERATIVE/ COLON, cytology/ DEOXYRIBONUCLEASE, pharmacodynamics/ ENTERITIS, REGIONAL/ EPITHELIAL CELLS/ FEMALE/ FILTRATION/ GEL FILTRATION/ HEAT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *LYMPHOCYTES, analysis/ MALE/ MIDDLE AGE/ RIBONUCLEASE, pharmacodynamics/ *TOXINS, analysis/ TRYPSIN, pharmacodynamics

7172. **Shows TB:** Genetics of human-mouse somatic cell hybrids: linkage of human genes for isocitrate dehydrogenase and malate dehydrogenase.
Biochem Genet 7:193-204, Dec 72
ADENINE NUCLEOTIDES/ ASPARTATE AMINOTRANSFERASE, analysis/ CELL FUSION/ CELL LINE/ ELECTROPHORESIS, STARCH GEL/ ESTERASES, analysis/ FIBROBLASTS, enzymology/ GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ GLUCOSEPHOSPHATE ISOMERASE, analysis/ HUMAN/ *HYBRID CELLS, enzymology/ INDOPHENOL, analysis/ *ISOCITRATE DEHYDROGENASE, analysis/ L CELLS, enzymology/ LACTATE DEHYDROGENASE ISOENZYMES, analysis/ *LINKAGE (GENETICS)/ LUNG, cytology/ LUNG, enzymology/ *MALATE DEHYDROGENASE, analysis/ MICE/ OXIDOREDUCTASES, analysis/ PEPTIDE HYDROLASES, analysis/ PHOSPHOGLUCOMUTASE, analysis/ PHOSPHOTRANSFERASES, analysis/ SENDAI VIRUS

7173. **Shpektor VA, Shaternikov VA:** Tripsin i antitripsin krovi v diagnostike ostrogo kholesistopankreatita.
Vestn Khir 108:32-6, Oct 72 (Rus)
*CHOLECYSTITIS, complications/ CHOLECYSTITIS, diagnosis/ CHOLECYSTITIS, enzymology/ ENGLISH ABSTRACT/ *ENZYME TESTS/ HUMAN/ *PANCREATITIS, complications/ PANCREATITIS, diagnosis/ PANCREATITIS, enzymology/ *TRYPSIN, blood/ *TRYPSIN INHIBITORS, blood

7174. **Shtacher G, Maayan R, Feinstein G:** Proteinase inhibitors in human synovial fluid.
Biochim Biophys Acta 303:138-47, 23 Mar 73
*ALPHA GLOBULIN, analysis/ ELECTROPHORESIS/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FIBRINOGEN/ GEL DIFFUSION TESTS/ GEL FILTRATION/ GOATS, immunology/ HUMAN/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ JOINT DISEASES, metabolism/ *MACROGLOBULINS, analysis/ MACROGLOBULINS, pharmacodynamics/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *SYNOVIAL FLUID, analysis/ *TRYPSIN INHIBITORS, blood

7175. **Shuey DA, Baden JP:** Accidental arterial injections of amphetamines. Report of a case.
Nebr Med J 58:228-30, Jul 73
ADULT/ *AMPHETAMINE, administration & dosage/ GANGRENE, prevention & control/ HEPARIN, therapeutic use/ HUMAN/ *INJECTIONS, INTRA-ARTERIAL/ MALE/ *MEDICATION ERRORS/ METHODS

7176. **Shuliak LP, Vasil'ev NA:** O lechenii oslozhnennykh destruktivnykh pnevmonii u detei.
Vestn Khir 108:80-4, Apr 72 (Rus)
ANTIBIOTICS, administration & dosage/ CHILD/ CHILD, PRESCHOOL/ DIET THERAPY/ DRAINAGE/ EMPYEMA, therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ IRRIGATION/ LUNG ABSCESS, etiology/ LUNG ABSCESS, therapy/ MALE/ NITROFURANS, therapeutic use/ OXYGEN INHALATION THERAPY/ PEPTIDE HYDROLASES, therapeutic use/ PNEUMONIA, complications/ *PNEUMONIA, therapy/ PNEUMONIA, STAPHYLOCOCCAL, complications/ PNEUMONIA, STAPHYLOCOCCAL, therapy/ PNEUMOTHORAX, therapy/ RESPIRATORY INSUFFICIENCY, etiology/ *STAPHYLOCOCCAL INFECTIONS, therapy/ SULFANILAMIDE, therapeutic use/ SUPPURATION

7177. **Shultz LD, Wilder MS:** Cytotoxicity of rabbit blood for Listeria monocytogenes. Infect Immun 4:703-8, Dec 71
ANIMAL EXPERIMENTS/ ANTIBODIES, BACTERIAL, analysis/ ANTIBODIES, BACTERIAL, isolation & purification/ BACILLUS SUBTILIS, immunology/ *BLOOD BACTERICIDAL ACTIVITY/ BLOOD BACTERICIDAL ACTIVITY, drug effects/ BLOOD PLATELETS, immunology/ BLOOD PROTEINS, analysis/ CHROMATOGRAPHY/ DRUG STABILITY/ FEMALE/ FILTRATION/ HEAT/ IMMUNIZATION/ IRON, pharmacodynamics/ *LISTERIA MONOCYTOGENES, immunology/ PLASMA, analysis/ RABBITS/ VIRULENCE

7178. **Shum YS, Griminger P:** Thromboplastic activity of acetone-dehydrated chicken brain powder extracts after repeated extraction and dilution.
Poult Sci 51:402-7, Mar 72
ACETONE/ ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY/ *CHICKENS/ METHODS/ PHOSPHORUS, analysis/ POULTRY DISEASES, metabolism/ PROTEINS, analysis/ PROTHROMBIN TIME/ SODIUM CHLORIDE/ THROMBOPLASTIN, antagonists & inhibitors/ *THROMBOPLASTIN, isolation & purification/ THROMBOPLASTIN, pharmacodynamics/ *TISSUE EXTRACTS, isolation & purification/ TISSUE EXTRACTS, pharmacodynamics/ VITAMIN K DEFICIENCY, veterinary

7179. **Shumakov VI, Chepurov AK:** K voprosu ob

eksperimental'nom trombolizise.
Kardiologiia 12:88-91, Feb 72 (Rus)
ANIMAL EXPERIMENTS/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ FEMORAL VEIN/ FIBRINOLYSIN, administration & dosage/ FIBRINOLYSIN, pharmacodynamics/ FIBRINOLYSIS, drug effects/ *FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, administration & dosage/ HEPARIN, pharmacodynamics/ RABBITS/ STREPTOKINASE, administration & dosage/ STREPTOKINASE, pharmacodynamics/ THROMBOSIS, chemically induced/ *THROMBOSIS, drug therapy/ TIME FACTORS

7180. **Shumway CN, Kiebanoff SJ:** Purification of pneumolysin. Infect Immun 4:388-92, Oct 71
AMMONIUM SULFATE/ ANIMAL EXPERIMENTS/ BACTERIAL PROTEINS, analysis/ CHOLESTEROL, pharmacodynamics/ CHROMATOGRAPHY, DEAE-CELLULOSE/ *DIPLOCOCCUS PNEUMONIAE, analysis/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ERYTHROCYTES, drug effects/ HEMOLYSINS, administration & dosage/ HEMOLYSINS, analysis/ HEMOLYSINS, antagonists & inhibitors/ *HEMOLYSINS, isolation & purification/ HEMOLYSINS, pharmacodynamics/ HUMAN/ HYDROXYMERCURIBENZOATES, pharmacodynamics/ INJECTIONS, INTRAVENOUS/ MERCAPTOETHANOL, pharmacodynamics/ OSMOTIC FRAGILITY, drug effects/ RABBITS/ RABBITS, immunology/ SPECTROPHOTOMETRY/ TRYPSIN, pharmacodynamics

7181. **Shusterov BG:** K rentgenodiagnostike pervichnoĭ sarkomy legkogo.
Vestn Rentgenol Radiol 46:21-8, Nov-Dec 71 (Rus)
ANGIOSARCOMA, radiography/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ FIBROSARCOMA, radiography/ HEMANGIOENDOTHELIOMA, radiography/ HUMAN/ LEIOMYOSARCOMA, radiography/ *LUNG NEOPLASMS, radiography/ MALE/ MIDDLE AGE/ NEUROFIBROMA, radiography/ *SARCOMA, radiography/ SARCOMA, RETICULUM CELL, radiography/ TOMOGRAPHY

7182. **Sibbald WJ, Sweeney JP, Inwood MJ:** Portal venous gas (PVG) as an indication for heparinization.
Am J Surg 124:690-3, Nov 72
DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ EMBOLISM, AIR, complications/ *EMBOLISM, AIR, drug therapy/ *HEPARIN, administration & dosage/ HUMAN/ *PORTAL VEIN

7183. **Sibinga CT, Gökemeyer JD, Kate LP ten, et al:** Combined deficiency of factor V and factor VIII: report of a family and genetic analysis.
Br J Haematol 23:467-81, Oct 72
ADOLESCENCE/ ADULT/ AGED/ BLOOD COAGULATION DISORDERS, complications/ *BLOOD COAGULATION DISORDERS, familial & genetic/ BLOOD COAGULATION TESTS/ FACTOR V DEFICIENCY, complications/ *FACTOR V DEFICIENCY, familial & genetic/ *FACTOR VIII/ FEMALE/ GENES, RECESSIVE/ HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ MALE/ MIDDLE AGE/ PEDIGREE/ SEX FACTORS

7184. **Sibley C, Singer JW, Wood RJ:** Comparison of activated partial thromboplastin reagents.
Am J Clin Pathol 59:581-6, Apr 73
*BLOOD COAGULATION TESTS/ COMPARATIVE STUDY/ FACTOR VIII, analysis/ FACTOR IX, analysis/ HUMAN/ *INDICATORS AND REAGENTS, standards/ *THROMBOPLASTIN, standards

7185. **Siciński A:** Postępy nefrologii. Zespół Goodpasture'a.
Pol Arch Med Wewn 49:499-505, Nov 72 (Pol)
AGE FACTORS/ AGED/ ANTIBODIES, analysis/ ANTIGENS, VIRAL/ BASEMENT MEMBRANE, immunology/ BLOOD COAGULATION TESTS/ FEMALE/ *GOODPASTURE'S SYNDROME/ GOODPASTURE'S SYNDROME, familial & genetic/ GOODPASTURE'S SYNDROME, immunology/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ KIDNEY, immunology/ MALE/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ NEPHROTIC SYNDROME, blood/ NEPHROTIC SYNDROME, drug therapy/ REVIEW/ SEX FACTORS

7186. **Siegel RJ, Vistnes LM, Iverson RE:** Effective hemostasis with less epinephrine. An experimental and clinical study.
Plast Reconstr Surg 51:129-33, Feb 73
ADULT/ AGED/ ANESTHESIA, LOCAL/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ CLINICAL RESEARCH/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *EPINEPHRINE, administration & dosage/ EPINEPHRINE, pharmacodynamics/ FEMALE/ *HEMOSTASIS/ HUMAN/ LIDOCAINE/ MALE/ MIDDLE AGE/ RABBITS/ *SURGERY, PLASTIC

7187. **Siegel S, Awad WM Jr:** The proteolytic enzymes of the K-1 strain of Streptomyces griseus obtained from a commercial preparation (Pronase). IV. Structure-function studies of the two smallest serine endopeptidases; stabilization by glycerol during reaction with acetic anhydride.
J Biol Chem 248:3233-40, 10 May 73
AMINO ACIDS, analysis/ ANHYDRIDES, metabolism/ CALCIUM, pharmacodynamics/ CHROMATOGRAPHY/ DANSYL COMPOUNDS/ DRUG STABILITY/ ELECTROPHORESIS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ *GLYCERIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *PEPTIDE HYDROLASES, analysis/ *PRONASE, analysis/ SERINE/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *STREPTOMYCES, enzymology/ STREPTOMYCES GRISEUS, enzymology/ TEMPERATURE

7188. **Siegler AM, Chen CH:** Uterine perforation during removal of a broken Majzlin spring.
Fertil Steril 23:776-8, Oct 72
ADULT/ CASTRATION/ FEMALE/ HEMATOMA, etiology/ HEMATOMA, pathology/ HUMAN/ HYSTERECTOMY/ HYSTEROSALPINGOGRAPHY/ *INTRAUTERINE DEVICES, adverse effects/ *UTERUS, injuries/ UTERUS, pathology

7189. **Siekevitz P:** The turnover of proteins and the usage of information. J Theor Biol 37:321-34, Nov 72 (91 ref.)
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ BASE SEQUENCE/ CELL MEMBRANE/ CYTOCHROME P-450, metabolism/ DNA, metabolism/ ENDOPLASMIC RETICULUM/ ENERGY TRANSFER/ ENZYME PRECURSORS/ GENETIC CODE/ *INFORMATION THEORY/ KINETICS/ METABOLISM, drug effects/ PEPTIDE HYDROLASES, metabolism/ PEPTIDES, metabolism/ PHENOBARBITAL, pharmacodynamics/ PROTEIN BINDING/ PROTEINS, biosynthesis/ *PROTEINS, metabolism/ RATS/ REVIEW/ RNA, MESSENGER/ TRANSCRIPTION, GENETIC/ TRANSLATION, GENETIC

7190. **Sigg P:** Die Behandlung des akuten Kniegelenkserguss beim hämophilen Kind.
Ther Umsch 29:740-2, Dec 72 (Ger)
ACUTE DISEASE/ AGE FACTORS/ CHILD/ ENGLISH ABSTRACT/ HEMARTHROSIS, etiology/ *HEMARTHROSIS, therapy/ HEMOPHILIA, complications/ HUMAN/ *KNEE JOINT/ PHYSICAL THERAPY

7191. **Silber SJ, Breakey B, Campbell D, et al:** Placenta percreta invading bladder. J Urol 109:615-8, Apr 73
ADULT/ BLADDER, surgery/ *BLADDER DISEASES, complications/ CESAREAN SECTION, adverse effects/ DISSEMINATED

INTRAVASCULAR COAGULATION, etiology/ FEMALE/ HEMATURIA, etiology/ HUMAN/ HYSTERECTOMY/ *PLACENTA ACCRETA, complications/ PLACENTA ACCRETA, pathology/ POSTOPERATIVE COMPLICATIONS/ PREGNANCY/ STOMACH ULCER, etiology

7192. **Silber SJ, Crudop J:** Kidney transplantation in inbred rats. Am J Surg 125:551-3, May 73
ADHESIONS, prevention & control/ ADIPOSE TISSUE/ ANESTHESIA, GENERAL/ ANIMAL EXPERIMENTS/ AORTA, ABDOMINAL, surgery/ BLADDER, surgery/ GRAFT REJECTION/ INJECTIONS, INTRAPERITONEAL/ *KIDNEY, transplantation/ METHODS/ NEPHRECTOMY, instrumentation/ OPHTHALMOLOGY, instrumentation/ PENTOBARBITAL, administration & dosage/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *RATS, INBRED STRAINS/ RENAL ARTERY, surgery/ RENAL VEINS, surgery/ SURGICAL EQUIPMENT/ SURGICAL INSTRUMENTS/ SUTURE TECHNICS/ TRANSPLANTATION, HOMOLOGOUS/ URETER, transplantation/ VENA CAVA, INFERIOR, surgery

7193. **Silberberg AS:** The Aharon Katchalsky memorial lecture. "Life, flow and deformation". Biorheology 10:109-16, Jun 73 (164 ref.)
*BIOLOGY/ BLOOD VISCOSITY/ MODELS, BIOLOGICAL/ MOLECULAR BIOLOGY/ REVIEW/ *RHEOLOGY/ THERMODYNAMICS

7194. **Silberman S, Bernik MB, Potter EV, et al:** Effects of Ancrod (Arvin) in mice: studies of plasma fibrinogen and fibrinolytic activity.
Br J Haematol 24:101-13, Jan 73
ANIMAL EXPERIMENTS/ *ANTICOAGULANTS, pharmacodynamics/ BLOOD COAGULATION TESTS/ FEMALE/ *FIBRINOGEN, analysis/ *FIBRINOLYSIS, drug effects/ FIBRINOLYTIC AGENTS/ FLUORESCENT ANTIBODY TECHNIC/ GEL DIFFUSION TESTS/ IMMUNOELECTROPHORESIS/ IMMUNOGLOBULIN FRAGMENTS/ MICE/ THROMBIN/ *VENOMS, pharmacodynamics

7195. **Silberstein P:** Melleril and thrombocytopenia.
Aust Paediatr J 8:219, Aug 72
FEMALE/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, chemically induced/ MATERNAL-FETAL EXCHANGE/ PREGNANCY/ *PURPURA, THROMBOPENIC, chemically induced/ *THIORIDAZINE, adverse effects

7196. **Silcox DC, Jacobelli S, McCarty DJ:** Identification of inorganic pyrophosphate in human platelets and its release on stimulation with thrombin.
J Clin Invest 52:1595-600, Jul 73
*BLOOD PLATELETS, analysis/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, secretion/ CHROMATOGRAPHY, ION EXCHANGE/ EXTRACELLULAR SPACE, analysis/ HUMAN/ NUCLEOTIDYLTRANSFERASES/ PHOSPHORUS ISOTOPES/ PYROPHOSPHATASES/ PYROPHOSPHATES, analysis/ *PYROPHOSPHATES, blood/ PYROPHOSPHATES, secretion/ *THROMBIN, pharmacodynamics

7197. **Silcox DC, Jacobelli S, McCarty DJ:** Identification of inorganic pyrophosphate in human platelets and its release on stimulation with thrombin.
J Clin Invest 22:1595-600, Jul 73
*BLOOD PLATELETS, analysis/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, secretion/ CHROMATOGRAPHY, ION EXCHANGE/ EXTRACELLULAR SPACE, analysis/ HUMAN/ NUCLEOTIDYLTRANSFERASES/ PHOSPHORUS ISOTOPES/ PYROPHOSPHATASES/ PYROPHOSPHATES, analysis/ *PYROPHOSPHATES, blood/ PYROPHOSPHATES, secretion/ *THROMBIN, pharmacodynamics

7198. **Silk DB, Marrs TC, Burston D, et al:** Rates of absorption of amino acids from an amino acid mixture simulating casein and a tryptic hydrolysate of casein in man.
Clin Sci 45:4P, Jul 73
*AMINO ACIDS, metabolism/ *CASEIN, metabolism/ CHROMATOGRAPHY, ION EXCHANGE/ HUMAN/ *INTESTINAL ABSORPTION/ JEJUNUM, metabolism/ *PROTEIN HYDROLYSATES, metabolism/ *TRYPSIN

7199. **Sillar RW, Mouzas GL:** Proteolytic enzymes for minimizing deformities associated with Colles' fracture. Int Surg 58:31-3, Jan 73
CASTS, SURGICAL/ EDEMA, drug therapy/ EDEMA, etiology/ HAND DEFORMITIES, ACQUIRED, prevention & control/ HUMAN/ *PEPTIDE HYDROLASES, therapeutic use/ *RADIUS FRACTURES, complications/ RADIUS FRACTURES, drug therapy/ WRIST INJURIES

7200. **Silver JR:** Prophylactic anticoagulant therapy in the prevention of pulmonary emboli in patients with acute spinal injuries.
Proc Veterans Adm Spinal Cord Inj Conf 18:184-8, 1971
ADOLESCENCE/ ADULT/ AGED/ ANTICOAGULANTS, adverse effects/ *ANTICOAGULANTS, therapeutic use/ CHILD/ DRUG HYPERSENSITIVITY, etiology/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, etiology/ *PULMONARY EMBOLISM, prevention & control/ *SPINAL CORD INJURIES, complications/ SPINAL CORD INJURIES, drug therapy

7201. **Silver MJ, Smith JB, Ingerman C, et al:** Human blood prostaglandins: formation during clotting.
Prostaglandins 1:429-36, Jun 72
BIOLOGICAL ASSAY/ BLOOD COAGULATION/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ CHROMATOGRAPHY, THIN LAYER/ CLOT RETRACTION/ HUMAN/ PROSTAGLANDINS, biosynthesis/ PROSTAGLANDINS, blood/ RADIOIMMUNOASSAY/ RATS/ SPECIAL LIST REPRODUCTION/ STIMULATION, CHEMICAL/ THROMBIN, pharmacodynamics/ TRITIUM

7202. **Silver MJ, Smith JB, Ingerman C, et al:** Letters to the editor: prostaglandins in blood.
Prostaglandins 2:75-7, Aug 72
BLOOD COAGULATION/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ BLOOD SPECIMEN COLLECTION/ CULTURE MEDIA/ HUMAN/ PLASMA, analysis/ PROSTAGLANDINS, biosynthesis/ PROSTAGLANDINS, blood/ SPECIAL LIST REPRODUCTION/ THROMBIN, pharmacodynamics/ TISSUE CULTURE

7203. **Silverberg DS, Ulan RA, Fawcett DM, et al:** Effects of chronic hemodialysis on thyroid function in chronic renal failure. Can Med Assoc J 109:282-6, 18 Aug 73
ADOLESCENCE/ ADULT/ AUTOANTIBODIES, analysis/ CHILD/ FEMALE/ *HEMODIALYSIS, adverse effects/ HEPARIN, pharmacodynamics/ HUMAN/ HYPERTHYROIDISM, etiology/ HYPOTHYROIDISM, etiology/ IODINE, metabolism/ IODINE ISOTOPES, DIAGNOSTIC/ *KIDNEY FAILURE, CHRONIC, therapy/ MALE/ MIDDLE AGE/ PITUITARY GLAND, physiopathology/ PROTEIN-BOUND IODINE TEST/ RADIOISOTOPE SCANNING/ *THYROID GLAND, physiopathology/ THYROTROPIN, blood/ THYROTROPIN, diagnostic use/ THYROXINE, blood/ TRIIODOTHYRONINE, blood

7204. **Silverman LH, Bezmak M, Kako KJ:** Effect of reserpine and triiodothyronine on myocardial lipoprotein lipase, metabolic rate and plasma free fatty acids in rats. Arch Int Pharmacodyn Ther 199:368-75, Oct 72
ANIMAL EXPERIMENTS/ DRUG INTERACTIONS/ *FATTY ACIDS, NONESTERIFIED, blood/ HYPOTHYROIDISM, chemically induced/ INJECTIONS,

INTRAMUSCULAR/ INJECTIONS, INTRAPERITONEAL/ IODINE ISOTOPES/ *LIPOPROTEIN LIPASE, metabolism/ MALE/ MYOCARDIUM, analysis/ *MYOCARDIUM, enzymology/ MYOCARDIUM, metabolism/ NOREPINEPHRINE, analysis/ OXYGEN CONSUMPTION, drug effects/ PROPYLTHIOURACIL/ RATS/ RESERPINE, administration & dosage/ *RESERPINE, pharmacodynamics/ TIME FACTORS/ TRIIODOTHYRONINE, administration & dosage/ *TRIIODOTHYRONINE, pharmacodynamics

7205. **Silverstein MJ, Kadish L:** A study of amputations of the lower extremity.
Surg Gynecol Obstet 137:579-80, Oct 73
ADOLESCENCE/ ADULT/ AGED/ *AMPUTATION/ AMPUTATION, mortality/ AMPUTATION STUMPS/ ANESTHESIA, REFRIGERATION/ ARTERIOSCLEROSIS, surgery/ CHILD/ DIABETES MELLITUS, complications/ DIABETES MELLITUS, occurrence/ FEMALE/ HEPARIN, administration & dosage/ HUMAN/ LEG, blood supply/ *LEG, surgery/ LEG ULCER, etiology/ LEG ULCER, surgery/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, etiology/ NEW YORK CITY/ PNEUMONIA, etiology/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, etiology/ SURGICAL WOUND INFECTION/ URINARY TRACT INFECTIONS, etiology

7206. **Silverstein P, Ruzicka FJ, Helmkamp GM Jr, et al:** In vitro evaluation of enzymatic debridement of burn wound eschar. Surgery 73:15-22, Jan 73
ANIMAL EXPERIMENTS/ *BROMELAINS, pharmacodynamics/ *BURNS/ *CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ COLLAGEN/ *DEBRIDEMENT/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GELATIN/ HUMAN/ HYDROLYSIS/ HYDROXYPROLINE, metabolism/ IN VITRO/ *PEPTIDE HYDROLASES, pharmacodynamics/ SKIN, drug effects/ SPECTRUM ANALYSIS/ SWINE

7207. **Simard S, Dorval M:** Mesure du calcium ionisé dans le sérum par électrode sélective. Effet de la congélation prolongée.
Union Med Can 102:531-5, Mar 73 (Fre)
ANIMAL EXPERIMENTS/ *BLOOD PRESERVATION/ CALCIUM, analysis/ *CALCIUM, blood/ DOGS/ *ELECTRODES/ ENGLISH ABSTRACT/ FREEZING/ HYDROGEN-ION CONCENTRATION/ METHODS/ TIME FACTORS

7208. **Simard-Duquesne N, Dvornik D:** The effect of PGE1 on ADP-induced aggregation in refractory platelets.
Prostaglandins 3:457-60, Apr 73
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ *ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, drug effects/ DEPRESSION, CHEMICAL/ MALE/ *PLATELET ADHESIVENESS, drug effects/ *PROSTAGLANDINS, pharmacodynamics/ RATS

7209. **Simkovic I, Smrečanský V, Hubka M:** Krvácanie po operáciách za pomoci mimotelového obehu.
Bratisl Lek Listy 58:646-53, 6 Dec 72 (Slo)
ADOLESCENCE/ ADULT/ ANTICOAGULANTS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ *EXTRACORPOREAL CIRCULATION, adverse effects/ HEMORRHAGIC DIATHESIS, drug therapy/ *HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ INFANT/ INFANT, NEWBORN/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, drug therapy

7210. **Simmonds S:** Peptidase activity and peptide metabolism in Escherichia coli.
Ciba Found Symp 43-57, 1971
AMINO ACIDS, metabolism/ AMINOPEPTIDASES, metabolism/ CATALYSIS/ CELL-FREE SYSTEM/ CHROMATOGRAPHY, ION EXCHANGE/ DIPEPTIDASES, metabolism/ DIPEPTIDES, metabolism/ EDTA, pharmacodynamics/ *ESCHERICHIA COLI, enzymology/ ESCHERICHIA COLI, metabolism/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ LEUCINE AMINOPEPTIDASE, metabolism/ MANGANESE, pharmacodynamics/ MERCAPTOETHANOL, pharmacodynamics/ METALS, pharmacodynamics/ METHIONINE/ OLIGOPEPTIDES, metabolism/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, metabolism/ *PEPTIDES, metabolism/ RIBOSOMES, enzymology/ STEREOISOMERS

7211. **Simon EJ, Hiller JM, Edelman I:** Stereospecific binding of the potent narcotic analgesic (3H) Etorphine to rat-brain homogenate.
Proc Natl Acad Sci USA 70:1947-9, Jul 73
ACETAMIDES, pharmacodynamics/ ALCOHOLS, AMYL, metabolism/ *ANALGESICS AND ANTIPYRETICS, metabolism/ ANIMAL EXPERIMENTS/ AZIDES, pharmacodynamics/ BINDING, COMPETITIVE/ BINDING SITES/ *BRAIN, metabolism/ ETHYLMALEIMIDE, pharmacodynamics/ FLUORIDES, pharmacodynamics/ IN VITRO/ LEVORPHANOL, metabolism/ MALE/ MERCURIBENZOATES, pharmacodynamics/ METHADONE, metabolism/ MORPHINANS, metabolism/ *MORPHINANS, metabolism/ MORPHINE, metabolism/ NALORPHINE, metabolism/ NALOXONE, metabolism/ PHOSPHOLIPASE, pharmacodynamics/ PRONASE, pharmacodynamics/ PROSTAGLANDINS, pharmacodynamics/ RATS/ RECEPTORS, DRUG/ RECEPTORS, DRUG, drug effects/ TRITIUM/ TRYPSIN, pharmacodynamics

7212. **Simon TL, Stengle JM, Sasahara AA:** Urokinase in pulmonary embolism. Lancet 2:501, 1 Sep 73
FIBRINOLYTIC AGENTS, chem synthesis/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ *PULMONARY EMBOLISM, drug therapy/ STREPTOKINASE, therapeutic use

7213. **Simonelli VM:** Profilo delle principali sindromi neonatali in relazione cnon le malattie fetali. Accostamento pratico alle fetopatie.
Minerva Pediatr 24:2008-28, 17 Nov 72 (Ita)
FEMALE/ *FETAL DISEASES, complications/ GASTROINTESTINAL DISEASES, diagnosis/ HEMORRHAGIC DISEASE OF NEWBORN, diagnosis/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, etiology/ JAUNDICE, NEONATAL, diagnosis/ NERVOUS SYSTEM DISEASES, diagnosis/ PREGNANCY/ RESPIRATORY DISTRESS SYNDROME, diagnosis

7214. **Simons K, Keränen S, Käärlänen L:** Identification of a precursor for one of the Semliki forest virus membrane proteins. FEBS Lett 29:87-91, 15 Jan 73
AMINO ACIDS, metabolism/ AUTORADIOGRAPHY/ CARBON ISOTOPES/ CELL LINE/ CHICK EMBRYO/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, PAPER/ FIBROBLASTS, metabolism/ FIBROBLASTS, microbiology/ GENETICS, MICROBIAL/ HAMSTERS/ KIDNEY, metabolism/ KIDNEY, microbiology/ MUTATION/ PEPTIDES, isolation & purification/ *SEMLIKI FOREST VIRUS/ SODIUM DODECYL SULFATE/ SULFUR ISOTOPES/ TEMPERATURE/ TRITIUM/ TRYPSIN/ *VIRAL PROTEINS, biosynthesis

7215. **Sinapius D, Pini J:** Uber die Lysierbarkeit arterieller Verschlüsse und Stenosen. Morphologische Untersuchungen an Desobliteraten.
Vasa 2:139-47, 1973 (Ger)
ADOLESCENCE/ ADULT/ AGED/ *ARTERIAL OCCLUSIVE DISEASES, pathology/ ARTERIAL OCCLUSIVE DISEASES, therapy/ CHILD/ ENDARTERECTOMY/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ THROMBOEMBOLISM, pathology/ THROMBOSIS, surgery

7216. **Sinet M, Muffat-Joly M, Blayo MC:** Affinité de l'hémoglobine pour l'oxygène du sang humain conservé à 37 degrees.
J Physiol (Paris) 65:Suppl:305A-306, Oct 72 (Fre)
ACIDOSIS, blood/ *BLOOD PRESERVATION/ CARBON DIOXIDE, blood/ *HEMOGLOBIN, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LACTATES, blood/ *OXYGEN, blood/ PARTIAL PRESSURE/ TEMPERATURE

7217. **Singal DP:** Tissue typing and organ transplantation.
Can J Surg 15:295-9, Sep 72 (27 ref.)
ABO FACTORS/ AGGLUTINATION TESTS/ ANTIBODIES/ ANTIGENIC DETERMINANTS/ ANTIGENS/ BLOOD PLATELETS, immunology/ COMPLEMENT FIXATION TESTS/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ ERYTHROCYTES, immunology/ *HISTOCOMPATIBILITY TESTING/ HUMAN/ LEUKOCYTES, immunology/ LYMPHOCYTES, immunology/ REVIEW/ TISSUE DONORS/ *TRANSPLANTATION IMMUNOLOGY

7218. **Singer A:** Blood vessels, platelets and fibrinogen.
N Engl J Med 288:374, 15 Feb 73
*BLOOD PLATELETS/ CELL SURVIVAL/ *FIBRINOGEN, analysis/ HUMAN/ *THROMBOEMBOLISM, blood

7219. **Singer JW, Sibley CA:** Sensitivity of commercial thromboplastins to factor VII.
Am J Clin Pathol 59:755-9, May 73
BRAIN CHEMISTRY/ *FACTOR VII, analysis/ FACTOR VII, pharmacodynamics/ HUMAN/ PROTHROMBIN TIME/ *THROMBOPLASTIN, blood

7220. **Singh I, Chohan IS:** Abnormalities of blood coagulation at high altitude.
Int J Biometeorol 16:283-97, Aug 72
*ALTITUDE/ BLOOD COAGULATION DISORDERS, blood/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ HUMAN/ *HYPERTENSION, PULMONARY, blood/ HYPERTENSION, PULMONARY, etiology/ INDIA/ MILITARY MEDICINE/ *PULMONARY EDEMA, blood/ PULMONARY EDEMA, etiology

7221. **Singh K, Vézina C:** An extracellular proteolytic enzyme from Scopulariopsis brevicaulis. II. Hydrolysis of polyamino acids.
Can J Microbiol 18:1165-7, Jul 72
ALANINE, metabolism/ *AMINO ACIDS, metabolism/ ASPARTIC ACID, metabolism/ CHROMATOGRAPHY, PAPER/ GLUTAMATES, metabolism/ GLYCINE, metabolism/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ LYSINE, metabolism/ *MONILIALES, enzymology/ *PEPTIDE HYDROLASES, metabolism/ PEPTIDES, biosynthesis/ VALINE, metabolism

7222. **Singh M, Coulter NA Jr:** Rheology of blood: effect of dilution with various dextrans.
Microvasc Res 5:123-30, Mar 73
ANIMAL EXPERIMENTS/ *BLOOD VISCOSITY, drug effects/ *DEXTRAN, pharmacodynamics/ DOGS/ HEMATOCRIT/ HEPARIN, blood/ METHODS/ MOLECULAR WEIGHT/ *RHEOLOGY

7223. **Singh M, Coulter NA Jr:** Equivalent viscosity of plasma and plasma substitutes in oscillatory flow.
IEEE Trans Biomed Eng 20:143-5, Mar 73
*BLOOD VISCOSITY/ DEXTRAN/ *OSCILLOMETRY/ *PLASMA/ *PLASMA SUBSTITUTES

7224. **Singleton EB, King BA:** Localized lesions of the stomach in children.
Semin Roentgenol 6:220-34, Apr 71
BEZOARS, radiography/ CHILD/ CHILD, PRESCHOOL/ DIAPHRAGMATIC HERNIA, radiography/ EOSINOPHILS/ ESOPHAGEAL REFLUX, radiography/ FEMALE/ FOREIGN BODIES, radiography/ GASTRITIS, chemically induced/ GASTRITIS, radiography/ GASTROENTERITIS, radiography/ HAMARTOMA, radiography/ HEMANGIOMA, radiography/ HUMAN/ HYPERTROPHY/ INFANT/ INFANT, NEWBORN/ MALE/ PANCREAS, abnormalities/ PEUTZ-JEGHERS SYNDROME, radiography/ PYLORIC STENOSIS, congenital/ PYLORIC STENOSIS, radiography/ STOMACH, abnormalities/ STOMACH, radiography/ *STOMACH DISEASES, radiography/ STOMACH NEOPLASMS, radiography/ STOMACH ULCER, radiography/ SYPHILIS, radiography/ TUBERCULOSIS, GASTROINTESTINAL, radiography

7225. **Singleton EB, Wagner ML:** The acute abdomen in the pediatric age group.
Semin Roentgenol 8:339-56, Jul 73
*ABDOMEN, ACUTE, radiography/ ABNORMALITIES, radiography/ APPENDICITIS, radiography/ CHILD/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ DISSEMINATED INTRAVASCULAR COAGULATION, radiography/ DUODENUM, abnormalities/ ENTEROCOLITIS, ACUTE, radiography/ FEMALE/ HEMATOMA, radiography/ HERNIA, radiography/ HUMAN/ ILEUM, abnormalities/ INFANT/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, radiography/ INFANT, PREMATURE, DISEASES, radiography/ INTESTINAL ATRESIA, radiography/ INTESTINAL DISEASES, PARASITIC, radiography/ INTESTINAL NEOPLASMS, radiography/ INTUSSUSCEPTION, radiography/ MALE/ MECKEL'S DIVERTICULUM, radiography/ MEGACOLON, radiography

7226. **Siraganian RP:** Platelet requirement in the interaction of the complement and clotting systems.
Nature [New Biol] 239:208-10, 18 Oct 72
ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY COMPLEX/ *BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ *BLOOD PLATELETS, physiology/ COLLAGEN, pharmacodynamics/ *COMPLEMENT/ ENDOTOXINS, pharmacodynamics/ HISTAMINE LIBERATION, drug effects/ INULIN, pharmacodynamics/ KAOLIN, pharmacodynamics/ RABBITS/ THROMBIN, pharmacodynamics/ ZYMOSAN, pharmacodynamics

7227. **Siraganian RP, Sandberg AL, Alexander A, et al:** Platelet injury due to activation of the alternate complement pathway.
J Immunol 110:490-7, Feb 73
ANIMAL EXPERIMENTS/ ANTIBODIES/ ANTIGENS, BACTERIAL/ *BLOOD PLATELETS, immunology/ COMPLEMENT, analysis/ *COMPLEMENT, metabolism/ DINITROPHENOLS/ DIPLOCOCCUS PNEUMONIAE, immunology/ FERRITIN/ GUINEA PIGS, immunology/ *HISTAMINE LIBERATION/ HORSES, immunology/ IMMUNE SERUMS/ IMMUNOGLOBULINS, FAB/ MICROSCOPY, PHASE CONTRAST/ OVALBUMIN/ PASSIVE CUTANEOUS ANAPHYLAXIS/ RABBITS/ RABBITS, immunology/ SERUM ALBUMIN

7228. **Siraganian RP, Sandberg AL, Osler AG:** Lysis of rabbit platelets by F(ab') 2 antibody fragments.
J Immunol 109:907-9, Oct 72
ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ *BLOOD PLATELETS, immunology/ CHROMATOGRAPHY/ FERRITIN/ GUINEA PIGS/ HISTAMINE LIBERATION/ IMMUNE SERUMS/ IMMUNIZATION/ *IMMUNOGLOBULIN FRAGMENTS/ PASSIVE CUTANEOUS ANAPHYLAXIS/ PEPSIN, pharmacodynamics/ PRECIPITIN TESTS/ RABBITS/ RABBITS, immunology/ SERUM ALBUMIN/ ULTRAFILTRATION

7229. **Sirek OV, Brosnan ME, Sirek A:** Effect of hypophysectomy and growth hormone treatment on the composition of canine aorta.
Adv Metab Disord 2:Suppl 2:483-91, 1973
ANIMAL EXPERIMENTS/ AORTA, drug effects/ AORTA, metabolism/ *AORTA, metabolism/ AORTA, ABDOMINAL, metabolism/ AORTA, THORACIC, metabolism/ CHONDROITIN, metabolism/ COLLAGEN,

metabolism/ DIABETIC ANGIOPATHIES, metabolism/ DIABETIC ANGIOPATHIES, therapy/ DNA, metabolism/ DOGS/ ELASTIN, metabolism/ HEPARIN, metabolism/ HYALURONIC ACID, metabolism/ *HYPOPHYSECTOMY/ MUCOPOLYSACCHARIDES, metabolism/ *SOMATOTROPIN, therapeutic use

7230. **Siró B, Misz M, Bazsó J:** Thromboelastographic studies in oral contraception.
Am J Obstet Gynecol 116:1167-8, 15 Aug 73
ADOLESCENCE/ ADULT/ BLOOD COAGULATION DISORDERS, chemically induced/ BLOOD COAGULATION DISORDERS, occurrence/ BLOOD COAGULATION FACTORS, analysis/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ HUNGARY/ *THROMBELASTOGRAPHY/ *THROMBOEMBOLISM, chemically induced/ THROMBOEMBOLISM, occurrence

7231. **Sirol J, Vedy J, Sabrié A:** Le noma ou la laideur oubliée. Etude clinique et essai pathogénique à propos de six cas observés à Fort-Lamy (Tchad.
Ann Dermatol Syphiligr (Paris) 99:511-6, 1972 (Fre)
ANTIBIOTICS, therapeutic use/ CHAD/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LEISHMANIASIS, MUCOCUTANEOUS, complications/ MALARIA, complications/ MALE/ MEASLES, complications/ METRONIDAZOLE, therapeutic use/ *NOMA/ NOMA, drug therapy/ NOMA, etiology/ RICKETTSIAL DISEASES, complications/ SHWARTZMAN PHENOMENON, complications/ SPIROCHETE INFECTIONS, complications/ TYPHOID, complications

7232. **Sise HS:** Hypofibrinogenemic states in obstetrics.
J Reprod Med 10:115-7, Mar 73
ABRUPTIO PLACENTAE, etiology/ ABRUPTIO PLACENTAE, therapy/ *AFIBRINOGENEMIA/ AFIBRINOGENEMIA, etiology/ AFIBRINOGENEMIA, therapy/ BLOOD COAGULATION TESTS/ FEMALE/ FIBRINOGEN, analysis/ FIBRINOGEN, metabolism/ FIBRINOLYSIN, analysis/ FIBRINOLYSIS/ HUMAN/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, etiology/ PROTAMINES, analysis/ PROTHROMBIN TIME/ STAPHYLOCOCCUS/ THROMBIN, analysis/ THROMBOPENIA

7233. **Sitkovskiĭ NB, Kutsenko TA, Khanes GB, et al:** Primenenie ingibitorov proteoliticheskikh fermentov v kompleksnom lechenii septicheskikh zabolevaniĭ u detei. Klin Khir 8:49-53, Aug 72 (Rus)
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ HUMAN/ INFANT/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, drug therapy/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ *OSTEOMYELITIS, drug therapy/ *PERITONITIS, drug therapy/ SALTS, therapeutic use/ *SEPTICEMIA, drug therapy/ *STAPHYLOCOCCAL INFECTIONS, drug therapy/ *TRYPSIN INHIBITORS, therapeutic use

7234. **Sivachenko TP, Valueva GV, Kofanova IuB, et al:** Sostoianie sosudistof pronitsaemosti u bol'nykh s razlichnymi formami leĭkozov.
Vrach Delo 9:34-7, Sep 72 (Rus)
ACUTE DISEASE/ BLOOD COAGULATION TESTS/ *CAPILLARY PERMEABILITY/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ LEUKEMIA, complications/ *LEUKEMIA, physiopathology/ LEUKOCYTE COUNT/ SERUM ALBUMIN, RADIO-IODINATED, diagnostic use

7235. **Sivak A:** Induction of cell division: role of cell membrane sites. J Cell Physiol 80:167-73, Oct 72
ALCOHOLS, pharmacodynamics/ BINDING SITES/ BLOOD/ *CELL DIVISION/ CELL DIVISION, drug effects/ CELL LINE/ CELL MEMBRANE, drug effects/ CONCANAVALIN A, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *FATTY ACIDS, pharmacodynamics/ *FIBROBLASTS, cytology/ FIBROBLASTS, drug effects/ KETONES, pharmacodynamics/ LYSINE, pharmacodynamics/ MICE/ MICE, INBRED BALB C/ PHENYLALANINE, pharmacodynamics/ PLANT AGGLUTININS, pharmacodynamics/ *TERPENES, pharmacodynamics/ TOSYL COMPOUNDS, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics

7236. **Sivak A, Wolman SR:** Classification of cell types: agglutination and chromosomal properties.
In Vitro 8:1-6, Jul-Aug 72
*AGGLUTINATION, drug effects/ ANEUPLOIDY/ CELL LINE/ CELL TRANSFORMATION, NEOPLASTIC/ *CELLS, CULTURED, drug effects/ *CHROMOSOMES, drug effects/ CONCANAVALIN A, pharmacodynamics/ CONTACT INHIBITION/ DIPLOIDY/ HUMAN/ KIDNEY/ LUNG/ METHODS/ MICE/ MONKEYS/ *PLANT AGGLUTININS, pharmacodynamics/ RATS/ SPLEEN/ SV40 VIRUS/ TRYPSIN

7237. **Sivanandam S, Dondero TJ Jr:** Differentiation between periodic and subperiodic Brugia malayi and Brugia pahangi on the basis of microfilarial sheath-casting in vitro. Ann Trop Med Parasitol 66:487-96, Dec 72
ANIMAL EXPERIMENTS/ ANTICOAGULANTS, pharmacodynamics/ BLOOD/ CATS/ COLD/ *FILARIOIDEA, classification/ FILARIOIDEA, drug effects/ FILARIOIDEA, growth & development/ HUMAN/ HUMIDITY/ PERIODICITY/ TEMPERATURE

7238. **Sixma JJ:** Methods for platelet aggregation.
Adv Exp Med Biol 34:79-95, 1972
ADENOSINE DIPHOSPHATE, diagnostic use/ BLOOD PLATELET DISORDERS, diagnosis/ COLLAGEN, diagnostic use/ DENSITOMETRY/ EPINEPHRINE, diagnostic use/ HUMAN/ HYDROGEN-ION CONCENTRATION/ METHODS/ *PLATELET ADHESIVENESS

7239. **Sixma JJ, Holmsen H, Trieschnigg AC:** Adenine nucleotide metabolism of blood platelets. 8. Transport of adenine into human platelets.
Biochim Biophys Acta 298:460-8, 16 Mar 73
*ADENINE, blood/ ADENINE, metabolism/ ADENOSINE, pharmacodynamics/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANTIMETABOLITES, pharmacodynamics/ ANTIMYCIN A, pharmacodynamics/ BIOLOGICAL TRANSPORT, ACTIVE/ *BLOOD PLATELETS, metabolism/ CYCLIC N-OXIDES, pharmacodynamics/ EDTA, pharmacodynamics/ ELECTROPHORESIS, PAPER/ ERYTHROCYTES, drug effects/ GLUCOSE, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYPOXANTHINES, pharmacodynamics/ KINETICS/ PAPAVERINE, pharmacodynamics/ PROSTAGLANDINS, pharmacodynamics/ TIME FACTORS/ TRITIUM

7240. **Sjöberg BM:** Studies on the structure of T4 thioredoxin. I. Isolation and amino acid sequence of the peptides obtained from a tryptic digest of the protein. J Biol Chem 247:8058-62, 25 Dec 72
ALKYLATION/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ *COLIPHAGES, analysis/ DANSYL COMPOUNDS/ ELECTROPHORESIS, PAPER/ *ESCHERICHIA COLI/ METHODS/ OXIDATION-REDUCTION/ PEPSIN/ PEPTIDES, analysis/ THIOCYANATES/ TRYPSIN/ VIRAL PROTEINS, analysis/ *VIRAL PROTEINS, isolation & purification

7241. **Sjöberg BM, Holmgren A:** Studies on the structure of T4 thioredoxin. II. Amino acid sequence of the protein and comparison with thioredoxin from Escherichia coli. J Biol Chem 247:8063-8, 25 Dec 72
ALKYLATION/ AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ AUTORADIOGRAPHY/ BACTERIAL

PROTEINS, analysis/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ *COLIPHAGES, analysis/ CYANOGEN BROMIDE/ CYSTEINE, analysis/ DANSYL COMPOUNDS/ DISULFIDES/ ELECTROPHORESIS, PAPER/ *ESCHERICHIA COLI/ OXIDATION-REDUCTION/ PEPSIN/ PEPTIDES, analysis/ SPECIES SPECIFICITY/ THIOCYANATES/ TRYPSIN/ *VIRAL PROTEINS, analysis

7242. **Sjöström JE, Lindberg M, Philipson L:** Competence for transfection in Staphylococcus aureus.
J Bacteriol 113:576-85, Feb 73
CALCIUM, pharmacodynamics/ CHLORAMPHENICOL, pharmacodynamics/ COAGULASE, biosynthesis/ CULTURE MEDIA/ DINITROPHENOLS, pharmacodynamics/ *DNA, BACTERIAL/ *DNA, VIRAL/ DNA, VIRAL, isolation & purification/ *DNA VIRUSES/ ENDONUCLEASES, biosynthesis/ EXONUCLEASES, biosynthesis/ HYDROGEN-ION CONCENTRATION/ IMMUNE SERUMS, pharmacodynamics/ LYSOGENY/ MUTATION/ RABBITS, immunology/ *STAPHYLOCOCCAL PHAGES/ *STAPHYLOCOCCUS/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, growth & development/ TEMPERATURE/ THYMIDINE/ TRANSFORMATION, GENETIC/ TRITIUM

7243. **Skagseth E, Hall KV:** In situ vein bypass. Experiences with new vein valve strippers.
Scand J Thorac Cardiovasc Surg 7:53-8, 1973
ADULT/ AGED/ AMPICILLIN, therapeutic use/ ANTICOAGULANTS, therapeutic use/ *ARTERIOVENOUS SHUNT, SURGICAL/ DEXTRAN, therapeutic use/ FEMALE/ FEMORAL VEIN, surgery/ GANGRENE/ HEPARIN, pharmacodynamics/ HEPARIN, therapeutic use/ HUMAN/ INTERMITTENT CLAUDICATION, surgery/ ISCHEMIA/ LEG, blood supply/ MALE/ METHODS/ MIDDLE AGE/ PAPAVERINE, pharmacodynamics/ POPLITEAL ARTERY, surgery/ REGIONAL BLOOD FLOW/ *SAPHENOUS VEIN, surgery/ SURGICAL INSTRUMENTS/ VASCULAR SURGERY, instrumentation/ *VEINS, physiopathology

7244. **Skalak R:** Modelling the mechanical behavior of red blood cells. Biorheology 10:229-38, Jun 73
BLOOD VISCOSITY/ CELL MEMBRANE, physiology/ ELASTICITY/ *ERYTHROCYTES, physiology/ HEMOLYSIS/ HUMAN/ MICROCIRCULATION/ *MODELS, BIOLOGICAL/ RHEOLOGY

7245. **Skalak R, Chen PH, Chien S:** Effect of hematocrit and rouleaux on apparent viscosity in capillaries.
Biorheology 9:67-82, Jun 72
BLOOD FLOW VELOCITY/ BLOOD PRESSURE/ *BLOOD VISCOSITY/ *CAPILLARIES, physiology/ COMPUTERS, DIGITAL/ *ERYTHROCYTES, physiology/ *HEMATOCRIT/ MATHEMATICS/ MODELS, BIOLOGICAL

7246. **Skalka M, Cejková M:** Enzymatic degradation of DNA and deoxyribonucleoprotein in the presence of polyanions. Folia Biol (Krakow) 21:68-77, 1973
ANIMAL EXPERIMENTS/ CATTLE/ CHROMATIN/ *DEOXYRIBONUCLEASE, metabolism/ *DNA, metabolism/ ENZYME INDUCTION/ HEPARIN/ HISTONES

7247. **Skalka M, Cejková M:** Enzymatic degradation of DNA and deoxyribonucleoprotein in the presence of polyanions. Folia Biol (Praha) 19:68-77, 1973
ANIMAL EXPERIMENTS/ CATTLE/ CHROMATIN, metabolism/ *DEOXYRIBONUCLEASE, metabolism/ *DNA, metabolism/ DNA NUCLEOTIDYL-TRANSFERASES, metabolism/ *ENZYME REPRESSION/ HEPARIN, pharmacodynamics/ *NUCLEOPROTEINS, metabolism/ PENTOSES, pharmacodynamics/ RNA POLYMERASE, metabolism/ THYMUS GLAND, enzymology

7248. **Skalkeas G, Gogas J, Pavlatos F:** Mammary hypoplasia following irradiation to an infant breast. Case report.
Acta Chir Plast (Praha) 14:240-3, 1972
ADOLESCENCE/ AGE FACTORS/ BREAST, radiation effects/ *BREAST DISEASES/ FEMALE/ HEMANGIOMA, radiotherapy/ HUMAN/ MAMMOGRAPHY/ *RADIATION INJURIES

7249. **Skandrani E, Mizon J, Sautière P, et al:** Etude de la fraction F2b des histones de thymus de veau. (Fre)
Biochimie 54:1267-72, 1972
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ ARGININE, analysis/ AUTOANALYSIS/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, DISK/ ENGLISH ABSTRACT/ GEL FILTRATION/ *HISTONES, analysis/ HISTONES, isolation & purification/ LYSINE, analysis/ PEPTIDES, isolation & purification/ PROTEIN HYDROLYSATES/ SERINE, analysis/ *THYMUS GLAND, analysis/ TRYPSIN

7250. **Skarstedt MT, Greer SB:** Threonine synthetase of Bacillus subtilis. The nature of an associated dehydratase activity.
J Biol Chem 248:1032-44, 10 Feb 73
AMMONIUM SULFATE/ *BACILLUS SUBTILIS, enzymology/ BACILLUS SUBTILIS, growth & development/ CHROMATOGRAPHY/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMOSOME MAPPING/ DNA, BACTERIAL/ ENZYME REPRESSION/ GENES/ GENETIC CODE/ HOMOSERINE/ *HYDRO-LYASES/ HYDRO-LYASES, antagonists & inhibitors/ HYDRO-LYASES, isolation & purification/ KINETICS/ *LYASES/ LYASES, antagonists & inhibitors/ LYASES, isolation & purification/ MULTIENZYME COMPLEXES/ MUTATION/ PROTAMINES/ RECOMBINATION, GENETIC/ SPECIES SPECIFICITY/ THREONINE/ TRANSFORMATION, GENETIC

7251. **Skaug N:** Cervicofacialt subcutant og mediastinalt emfysem som komplikasjon til tannbehandling. (Swe)
Nor Tannlaegeforen Tid 82:400-8, Sep 72
ADOLESCENCE/ ADULT/ *CONNECTIVE TISSUE/ EMPHYSEMA, complications/ *EMPHYSEMA, etiology/ EMPHYSEMA, therapy/ ENGLISH ABSTRACT/ FACIAL BONES, injuries/ FACIAL INJURIES, complications/ FRACTURES, complications/ GAS GANGRENE, etiology/ HEMATOMA, etiology/ HUMAN/ HYDROGEN PEROXIDE, adverse effects/ MALE/ *MEDIASTINUM/ PARANASAL SINUSES, injuries/ *ROOT CANAL THERAPY, adverse effects/ *SKIN/ *SURGERY, ORAL, adverse effects

7252. **Skerrow D, Matoltsy AG, Matoltsy MN:** Isolation and characterization of the helical regions of epidermal prekeratin. J Biol Chem 248:4820-6, 10 Jul 73
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CATTLE/ CHEMISTRY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ KERATIN, analysis/ *KERATIN, isolation & purification/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ NOSE/ OPTICAL ROTATORY DISPERSION/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PROTEIN CONFORMATION/ PROTEIN PRECURSORS, analysis/ *PROTEIN PRECURSORS, isolation & purification/ *SKIN, analysis/ SODIUM DODECYL SULFATE/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPSIN/ ULTRACENTRIFUGATION/ VISCOSITY

7253. **Sketch MH, Cale M, Mohiuddin SM, et al:** Use of percutaneously inserted venous catheters in coronary care units. Chest 62:684-9, Dec 72
AGED/ ANTIBIOTICS, adverse effects/ BLOOD FLOW VELOCITY/ *CATHETERIZATION, adverse effects/ CATHETERIZATION, instrumentation/ CENTRAL VENOUS PRESSURE/ *CORONARY CARE UNITS/ FEMALE/ HEPARIN, administration & dosage/ HUMAN/

HYDROCORTISONE, administration & dosage/ INFUSIONS, PARENTERAL/ LIDOCAINE, adverse effects/ MALE/ MIDDLE AGE/ POLYETHYLENES/ POTASSIUM CHLORIDE, adverse effects/ PROSPECTIVE STUDIES/ THROMBOPHLEBITIS, etiology/ TIME FACTORS/ VEINS

7254. **Skibiński A, Chustecki S:** Znaczenie zaburzeń enzymatycznych w etiopatogenezie zapaleń trzustki.
Pol Tyg Lek 28:223-6, 5 Feb 73 (20 ref.) **(Pol)**
ACUTE DISEASE/ BILE, enzymology/ BILE, metabolism/ CONNECTIVE TISSUE, enzymology/ DUODENUM, enzymology/ DUODENUM, metabolism/ HUMAN/ HYDROGEN-ION CONCENTRATION/ PANCREATIC DUCTS, enzymology/ PANCREATIC JUICE, enzymology/ *PANCREATITIS, enzymology/ PANCREATITIS, etiology/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ REVIEW/ TRYPSIN, metabolism

7255. **Skidmore C, Walker IO, Pardon JF, et al:** The structure of partially histone depleted nucleohistone.
FEBS Lett 32:175-8, 15 May 73
BINDING SITES/ CHROMATOGRAPHY/ CHYMOTRYPSIN/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *HISTONES/ HISTONES, isolation & purification/ NUCLEIC ACID CONFORMATION/ *NUCLEOPROTEINS/ NUCLEOPROTEINS, isolation & purification/ POLYSACCHARIDES/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SPECTROPHOTOMETRY, ULTRAVIOLET/ X-RAY DIFFRACTION

7256. **Skinnider LF, Ghadially FN:** An ultrastructural study of ropalocytosis in human blood and bone marrow.
J Pathol 109:1-5, Jan 73
ADULT/ AGED/ ANEMIA, PERNICIOUS, blood/ ANEMIA, PERNICIOUS, pathology/ *BONE MARROW CELLS/ CHILD/ CYTOPLASM/ *ERYTHROCYTES, ABNORMAL/ FEMALE/ HODGKIN'S DISEASE, blood/ HODGKIN'S DISEASE, pathology/ HUMAN/ LEUKEMIA, LYMPHOBLASTIC, blood/ LEUKEMIA, LYMPHOBLASTIC, pathology/ LEUKEMIA, MYELOCYTIC, blood/ LEUKEMIA, MYELOCYTIC, pathology/ MALE/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ PINOCYTOSIS/ PURPURA, THROMBOPENIC, blood/ PURPURA, THROMBOPENIC, pathology/ RETICULOCYTES

7257. **Skjorten F, Evensen SA:** Disseminated intravascular coagulation induced by liquoid in normal, thrombocytopenic and granulocytopenic rabbits. Light and electron microscope studies.
Thromb Diath Haemorrh 27:377-88, 31 Jul 72
*AGRANULOCYTOSIS, chemically induced/ ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD PROTEINS, analysis/ BUSULFAN/ CAPILLARIES/ *DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ FEMALE/ FIBRINOGEN, analysis/ KIDNEY GLOMERULUS, blood supply/ LEUKOCYTE COUNT/ LIVER, blood supply/ MALE/ MECHLORETHAMINE/ MICROSCOPY, ELECTRON/ PRECIPITATION/ RABBITS/ *SULFONIC ACIDS/ *THROMBOPENIA, chemically induced

7258. **Skliarenko ET, Kinchaia ID:** O porazhenii sustavov pri gemofilii.
Vrach Delo 7:73-6, Jul 72 **(Rus)**
ADULT/ ANKLE JOINT/ ELBOW JOINT/ ENGLISH ABSTRACT/ *HEMARTHROSIS, etiology/ *HEMOPHILIA, complications/ HUMAN/ KNEE JOINT/ MALE/ SHOULDER JOINT

7259. **Skokan JD, Hewlett JS, Hoffman GC, et al:** Thrombocytopenic purpura associated with ingestion of acetaminophen (Tylenol).
Cleve Clin Q 40:89-91, Summer 73
*ACETAMINOPHEN, adverse effects/ HUMAN/ MALE/ MIDDLE AGE/ *PURPURA, THROMBOPENIC, chemically induced

7260. **Skoluda D, Stockamp K, Jonas U, et al:** Verbraunchskoagulopathie bei obstruktiver septischer Pyelonephritis.
Urologie [A] 12:21-4, Jan 73 **(Ger)**
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AGED/ CARBENICILLIN, therapeutic use/ CEPHALOTHIN, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ ERGOT ALKALOIDS, HYDROGENATED, therapeutic use/ FACTOR V/ FACTOR X/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ MALE/ NOREPINEPHRINE, therapeutic use/ ORCIPRENALINE, therapeutic use/ PROTHROMBIN/ *PYELONEPHRITIS, complications/ SEPTICEMIA/ SHOCK, ENDOTOXIC, complications/ SHOCK, ENDOTOXIC, drug therapy/ *SHOCK, ENDOTOXIC, etiology/ SHOCK, ENDOTOXIC, therapy

7261. **Skopichenko NF:** Patogistologicheskie i gistokhimicheskie zmeneniia pochek pri diabeticheskom glomeruloskleroze.
Vrach Delo 2:29-36, Feb 72 **(Rus)**
ENGLISH ABSTRACT/ FEMALE/ FIBRIN, metabolism/ HUMAN/ KIDNEY, metabolism/ KIDNEY, pathology/ KIMMELSTIEL-WILSON SYNDROME, metabolism/ *KIMMELSTIEL-WILSON SYNDROME, pathology/ LIPIDS, metabolism/ MALE/ MIDDLE AGE/ MUCOPOLYSACCHARIDES, metabolism

7262. **Skopinska E:** Biologiczne działanie endotoksyn bakteryjnych.
Postepy Hig Med Dosw 27:341-64, May-Jun 73 **(Pol)**
ANIMAL EXPERIMENTS/ ANTIGENS, BACTERIAL/ BLOOD COAGULATION/ COMPLEMENT/ *ENDOTOXINS/ ENGLISH ABSTRACT/ GRAM NEGATIVE BACTERIA/ HEMATOPOIESIS/ HUMAN/ *LIPOPOLYSACCHARIDES/ LYMPHATIC SYSTEM/ MICE/ *POLYSACCHARIDES, BACTERIAL/ RABBITS/ RETICULOENDOTHELIAL SYSTEM/ SHWARTZMAN PHENOMENON, immunology/ TRANSPLANTATION IMMUNOLOGY

7263. **Skorkowski EF, Kleinholz LH:** Comparison of white pigment concentrating hormone from Crangon and Pandalus.
Gen Comp Endocrinol 20:595-7, Jun 73
ANIMAL EXPERIMENTS/ CHEMISTRY/ *CRUSTACEA/ GEL FILTRATION/ *HORMONES, isolation & purification/ MOLECULAR WEIGHT/ PIGMENTS/ PRONASE/ TRYPSIN

7264. **Skotnicki A:** Wpływ magnezu na układ hemostatyczny.
Przegl Lek 30:520-1, 1973 **(Pol)**
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, drug effects/ HUMAN/ INJECTIONS, INTRAVENOUS/ MAGNESIUM, administration & dosage/ *MAGNESIUM, pharmacodynamics/ RATS

7265. **Skotnikov VI:** Vozmozhnosti kliniko-rentgenologicheskoĭ diagnostiki neépitelial'nykh opukholeĭ verkhnego otdela zhludka.
Vopr Onkol 18:82-5, 1972 **(Rus)**
FEMALE/ *HEMATOMA, radiography/ *HODGKIN'S DISEASE, radiography/ HUMAN/ *LEIOMYOMA, radiography/ MALE/ *SARCOMA, radiography/ *STOMACH DISEASES, radiography/ *STOMACH NEOPLASMS, radiography

7266. **Skov F:** A new rare blood group antigen, Je a .
Vox Sang 23:461-3, 1972
*BLOOD GROUPS/ BROMELAINS, pharmacodynamics/ COOMBS' TEST/ DENMARK/ ERYTHROCYTES, drug effects/ *ERYTHROCYTES, immunology/ FEMALE/

HUMAN/ *ISOANTIGENS, analysis/ PAPAIN, pharmacodynamics/ TRYPSIN, pharmacodynamics

7267. **Skrede S, Blomhoff JP, Eigjo K, et al:** Biochemical tests in evaluation of liver function.
Scand J Gastroenterol [Suppl] 19:37-46, 1973
ALANINE AMINOTRANSFERASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BIOPSY/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ BLOOD PROTEINS, analysis/ FACTOR VII/ FACTOR X/ HAPTOGLOBINS/ IGA, analysis/ IGG, analysis/ IGM, analysis/ ISOENZYMES, analysis/ LIPOPROTEINS, blood/ LIVER DISEASES/ *LIVER DISEASES, diagnosis/ LIVER DISEASES, enzymology/ LIVER DISEASES, metabolism/ LIVER DISEASES, pathology/ LIVER FUNCTION TESTS/ PROTHROMBIN/ RNA, analysis/ SERUM ALBUMIN, analysis

7268. **Skrzydlewski Z, Worowski K, Farbiszewski R:** Lipoproteidy surowicy krwi i ich rola w powstawaniu niektórych stanów patologicznych.
Ginekol Pol 44:455-63, Apr 73 (56 ref.) (Pol)
BLOOD COAGULATION/ BLOOD PLATELETS, drug effects/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS, drug effects/ HUMAN/ LIPOPROTEINS, biosynthesis/ *LIPOPROTEINS, blood/ LIPOPROTEINS, classification/ LIPOPROTEINS, metabolism/ LIPOPROTEINS, physiology/ PLATELET ADHESIVENESS, drug effects/ PREGNANCY/ *PREGNANCY COMPLICATIONS, blood/ PREGNANCY COMPLICATIONS, HEMATOLOGIC, blood/ *PUERPERAL DISORDERS, blood/ REVIEW

7269. **Skudowitz RB, Katz J, Lurie A, et al:** Mechanisms of thrombocytopenia in malignant tertian malaria.
Br Med J 2:515-8, 2 Jun 73
ADOLESCENCE/ ADULT/ AGED/ ANTIGENS/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CHROMIUM ISOTOPES/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ FACTOR V/ FACTOR VIII/ FIBRINOGEN, metabolism/ HALF-LIFE/ HEPARIN, therapeutic use/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ MALARIA, blood/ *MALARIA, complications/ MALARIA, drug therapy/ MALARIA, immunology/ MIDDLE AGE/ PROTHROMBIN TIME/ SPLEEN/ THROMBOPENIA, drug therapy/ *THROMBOPENIA, etiology/ TIME FACTORS

7270. **Slaastad RA, Godal HC:** Discrepancy between thrombotest and normotest--an indicator of disseminated intravascular coagulation (DIC)?
Scand J Haematol 9:411-6, 1972
ADULT/ AGED/ ALCOHOL, ETHYL, diagnostic use/ ANTITHROMBIN, analysis/ *BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ COMPARATIVE STUDY/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ FACTOR V, analysis/ FACTOR X, analysis/ FIBRINOGEN, analysis/ HUMAN/ MIDDLE AGE

7271. **Slaastad RA, Jeremic M:** Discrepancy between normotest and thrombotest during thromboplastin induced intravascular coagulation in rabbits.
Scand J Haematol 9:403-10, 1972
ALCOHOL, ETHYL/ ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD COAGULATION, drug effects/ *BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ COMPARATIVE STUDY/ *DISSEMINATED INTRAVASCULAR COAGULATION, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ EVALUATION STUDIES/ FACTOR V, analysis/ FACTOR X, analysis/ FEMALE/ FIBRINOGEN, analysis/ HEPARIN/ MALE/ RABBITS/ THROMBOPLASTIN/ TIME FACTORS

7272. **Slakey LL, Craig MC, Beytia E, et al:** The effect of starvation and re-feeding on the rates of synthesis and degradation of enzyms effecting intermediate reactions in the synthesis of cholesterol and fatty acids in rat liver. Biochem J 128:16P-17P, Jun 72
ANIMAL EXPERIMENTS/ *CHOLESTEROL, biosynthesis/ DIET, ATHEROGENIC/ FATTY ACID SYNTHETASE COMPLEX/ *FATTY ACIDS, biosynthesis/ LIGASES/ *LIVER, enzymology/ RATS/ SQUALENE, biosynthesis/ *STARVATION, metabolism

7273. **Slappendel RJ:** Diffuse intravasale stolling (DIS). I. Experimentele DIS bij dieren en spontane DIS bij de mens.
Tijdschr Diergeneeskd 98:605-15, 1 Jul 73 (60 ref.) (Dut)
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ DIAGNOSIS, DIFFERENTIAL/ *DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ DOGS/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ HUMAN/ LEUKEMIA, diagnosis/ LIVER DISEASES, diagnosis/ REVIEW

7274. **Slappendel RJ, Dijk JE van:** Diffuse intravasale stolling (DIS). II. Spontane DIS bij de hond.
Tijdschr Diergeneeskd 98:615-31, 1 Jul 73 (Dut)
BLOOD COAGULATION FACTORS, analysis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ *DISSEMINATED INTRAVASCULAR COAGULATION, veterinary/ *DOG DISEASES/ DOG DISEASES, drug therapy/ DOG DISEASES, pathology/ DOGS/ FEMALE/ FIBRIN, metabolism/ FIBRINOGEN, metabolism/ HEPARIN, therapeutic use/ MALE

7275. **Slater H:** Complications of splenectomy.
Am Surg 39:221-3, Apr 73
ABDOMINAL INJURIES, surgery/ ADOLESCENCE/ ADULT/ AGED/ BLOOD CELL COUNT/ CHILD, PRESCHOOL/ DRAINAGE/ HEMATOLOGIC DISEASES, therapy/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ MIDDLE AGE/ PANCREATITIS, etiology/ PLEURAL EFFUSION, etiology/ *POSTOPERATIVE COMPLICATIONS/ POSTOPERATIVE COMPLICATIONS, mortality/ SPLEEN, injuries/ *SPLENECTOMY/ SPLENECTOMY, adverse effects/ THROMBOCYTOSIS, etiology

7276. **Slater SD, Prentice CR, Bain WH, et al:** Fibrinogen-fibrin degradation product levels in different types of intravascular haemolysis.
Br Med J 3:471-3, 1 Sep 73
ADULT/ *ANEMIA, HEMOLYTIC, blood/ ANEMIA, HEMOLYTIC, complications/ ANEMIA, HEMOLYTIC, etiology/ AORTIC VALVE/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ *FIBRIN, metabolism/ *FIBRINOGEN, metabolism/ HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ HYPERTENSION, MALIGNANT, complications/ KIDNEY DISEASES, complications/ MALE/ MIDDLE AGE/ MITRAL VALVE

7277. **Slawin S:** [Cryoglobulinemia]
Harefuah 83:75-8, 16 Jul 72 (51 ref.) (Heb)
ALKYLATING AGENTS, therapeutic use/ ANIMAL EXPERIMENTS/ *ANTIGEN-ANTIBODY COMPLEX/ BLOOD VISCOSITY/ COLLAGEN DISEASES, blood/ COMPLEMENT/ *CRYOGLOBULINS/ CYTOMEGALOVIRUSES/ DNA, blood/ HUMAN/ IGA/ IGG/ IMMUNE COMPLEX DISEASE, blood/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ INFECTIOUS MONONUCLEOSIS, complications/ MERCAPTOETHANOL, therapeutic use/ MERCAPTOPURINE, therapeutic use/ METHOTREXATE, therapeutic use/ PENICILLAMINE, therapeutic use/ PURPURA,

etiology/ RABBITS/ RAYNAUD'S DISEASE, etiology/ REVIEW/ RHEUMATOID FACTOR/ VACCINES, adverse effects

7278. **Slayter HS, Codington JF:** Size and configuration of glycoprotein fragments cleaved from tumor cells by proteolysis. J Biol Chem 248:3405-10, 25 May 73
*ADENOCARCINOMA, metabolism/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CARBOHYDRATES, analysis/ CHEMISTRY/ CHROMATOGRAPHY, GAS/ GEL FILTRATION/ GLYCOPROTEINS, analysis/ *GLYCOPROTEINS, isolation & purification/ KETONES/ MACROMOLECULAR SYSTEMS/ MALE/ *MAMMARY NEOPLASMS, EXPERIMENTAL, metabolism/ MICE/ MICROSCOPY, ELECTRON/ MOLECULAR WEIGHT/ MUCIN, isolation & purification/ NEURAMINIC ACIDS/ PEPTIDES, analysis/ PROTEIN CONFORMATION/ PROTEINS, analysis/ TOSYL COMPOUNDS/ TRYPSIN/ ULTRACENTRIFUGATION

7279. **Slingsby C, Croft LR:** Microheterogeneity at the C-terminus of gamma-crystallin fraction IVb. Biochem J 127:609-10, Apr 72
ANIMAL EXPERIMENTS/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ *CRYSTALLINS, analysis/ FORMIC ACIDS/ HYDROGEN PEROXIDE/ OXIDATION-REDUCTION/ PEPTIDES/ PROTEIN CONFORMATION/ TRYPSIN

7280. **Slosberg P:** Treatment and prevention of stroke. II. Cerebrovascular insufficiencies.
NY State J Med 73:758-63, 15 Mar 73 (78 ref.)
AGED/ ANGIOGRAPHY/ ANTICOAGULANTS, therapeutic use/ CAROTID ARTERY THROMBOSIS, prevention & control/ CAROTID ARTERY THROMBOSIS, radiography/ CAROTID ARTERY THROMBOSIS, surgery/ CEREBRAL ISCHEMIA, TRANSIENT, prevention & control/ CEREBRAL ISCHEMIA, TRANSIENT, surgery/ CEREBRAL ISCHEMIA, TRANSIENT, therapy/ CEREBROVASCULAR DISORDERS, prevention & control/ CEREBROVASCULAR DISORDERS, surgery/ *CEREBROVASCULAR DISORDERS, therapy/ HUMAN/ MALE/ REVIEW/ SUBARACHNOID HEMORRHAGE, prevention & control/ SUBARACHNOID HEMORRHAGE, surgery/ VASODILATOR AGENTS, therapeutic use

7281. **Slunsky R:** Hemmung der thromboplastischen Wirkung von Plazentaextrakten mit Trasylol.
Z Geburtshilfe Perinatol 176:201-6, Jun 72 (Ger)
ADULT/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION DISORDERS, therapy/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FEMALE/ *HEMORRHAGE, POSTPARTUM, drug therapy/ HEMOSTASIS/ HUMAN/ IN VITRO/ KALLIKREIN-TRYPSIN INACTIVATOR, administration & dosage/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ *PLACENTAL EXTRACTS, antagonists & inhibitors/ PLACENTAL EXTRACTS, pharmacodynamics/ PREGNANCY/ THROMBOPLASTIN, antagonists & inhibitors

7282. **Slunsky R:** Trasylol als Inhibitor der thromboplastischen Wirkung von Fruchtwasser und Plazentaextrakten.
Folia Haematol (Leipz) 98:338-45, 1972 (Ger)
ADULT/ *AMNIOTIC FLUID, drug effects/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ *PLACENTAL EXTRACTS/ PREGNANCY/ THROMBOPLASTIN, antagonists & inhibitors

7283. **Sluyser M, Hermes Y:** A rat-specific lysine-rich histone.
Biochim Biophys Acta 295:605-12, 21 Feb 73
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BROMINE/ CATTLE/ CELL NUCLEUS, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ FEMALE/ GEL FILTRATION/ GENES, REGULATOR/ HEPATOMA/ *HISTONES, analysis/ LIVER, analysis/ LIVER, cytology/ LIVER REGENERATION/ LYSINE/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ RABBITS/ RATS/ *SPECIES SPECIFICITY/ SUCCINIMIDES/ THYMUS GLAND, analysis/ UTERUS, analysis

7284. **Smálik S, Halko N, Dŭavík V:** Prípava trombocytových koncentrátov od darcov pomocou heparínu a intenzívnej plazmaferézy.
Bratisl Lek Listy 58:444-50, Oct 72 (Slo)
BLOOD DONORS/ *BLOOD PLATELETS/ ENGLISH ABSTRACT/ *HEPARIN/ HUMAN/ METHODS/ *PLASMAPHERESIS/ PLATELET ADHESIVENESS

7285. **Smirnov AF, Smaragdov MG:** Izuchenie sostoianiia DNK gigantskikh khromosom metodom liuminestsentnoĭ mikroskopii.
Tsitologiia 14:1205-11, Oct 72 (Rus)
ACETONE, pharmacodynamics/ ACRIDINES/ ANIMAL EXPERIMENTS/ *CHROMOSOMES/ CHROMOSOMES, drug effects/ DIOXINS, pharmacodynamics/ *DIPTERA, cytology/ *DNA/ EDTA, pharmacodynamics/ ENGLISH ABSTRACT/ HYDROCORTISONE, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ MICROSCOPY, FLUORESCENCE/ NUCLEIC ACID DENATURATION/ PLANT AGGLUTININS, pharmacodynamics/ *SALIVARY GLANDS, cytology/ SODIUM CHLORIDE, pharmacodynamics/ SULFITES, pharmacodynamics/ TRYPSIN, pharmacodynamics

7286. **Smirnov KM:** gipokineziia.
Usp Fiziol Nauk 3:3-20, Jan-Mar 72 (169 ref.) (Rus)
ADAPTATION, PHYSIOLOGICAL/ AGE FACTORS/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ BODY WATER/ BODY WEIGHT/ EXERTION/ HEART, physiology/ HEMODYNAMICS/ HUMAN/ IMMOBILIZATION/ LOCOMOTION/ MAN-MACHINE SYSTEMS/ MOVEMENT/ *MOVEMENT DISORDERS, physiopathology/ MUSCLES, physiology/ MUSCULAR ATROPHY, physiopathology/ NOMENCLATURE/ REST/ REVIEW/ SPORTS/ STRESS, physiopathology/ STRESS, PSYCHOLOGICAL/ WEIGHTLESSNESS/ WORK

7287. **Smirnov PA, Merkur'eva AG, Budantseva SI:** Vliianie nafarina, vikasola, streptokinazy i pantripina na uglevodnyĭ obmen v tkaniakh krys.
Farmakol Toksikol 36:58-62, Jan-Feb 73 (Rus)
ANIMAL EXPERIMENTS/ BRAIN, drug effects/ BRAIN, metabolism/ CITRATES, blood/ CITRATES, metabolism/ ENGLISH ABSTRACT/ GLYCOGEN, blood/ GLYCOGEN, metabolism/ HEART, drug effects/ KIDNEY, drug effects/ KIDNEY, metabolism/ LACTATES, blood/ LACTATES, metabolism/ LIVER, drug effects/ LIVER, metabolism/ MALE/ MUSCLES, drug effects/ MUSCLES, metabolism/ MYOCARDIUM, metabolism/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PYRUVATES, blood/ PYRUVATES, metabolism/ RATS/ *STREPTOKINASE, pharmacodynamics/ *VITAMIN K, pharmacodynamics/ *WARFARIN, pharmacodynamics

7288. **Smirnov VE:** Voprosy sosudistoĭ patologii golovnogo mozga v rabotakh iaponskikh nevrologov (obzor.
Zh Nevropatol Psikhiatr 72:1246-9, 1972 (33 ref.) (Rus)
ADULT/ ARTERIOSCLEROSIS, complications/ BLOOD COAGULATION/ CEREBROVASCULAR DISORDERS, blood/ CEREBROVASCULAR DISORDERS, etiology/ *CEREBROVASCULAR DISORDERS, occurrence/ CLIMATE/ DIET/ HUMAN/ HYPERTENSION, complications/ JAPAN/ REVIEW/ RURAL HEALTH/ TRACE ELEMENTS/ VITAMIN B DEFICIENCY, complications

7289. **Smirnova MN, Akimova VV, Burshtein VA:** Metod opredeleniia proteoliticheskoi aktivnosti v agarovykh plastinkakh (na modeli pr oteinazy streptokokka.
Lab Delo 10:611-2, 1972 (Rus)
AGAR/ BACTERIAL PROTEINS, analysis/ METHODS/ *PEPTIDE HYDROLASES, analysis/ STREPTOCOCCUS, enzymology

7290. **Smit JA, Myburgh JA, Neirinckx RD:** Specific inactivation of sensitized lymphocytes in vitro using antigens labelled with astatine-211.
Clin Exp Immunol 14:107-16, May 73
*ANTIGENS/ ASTATINE/ AUTORADIOGRAPHY/ HUMAN/ ISOTOPE LABELING/ LYMPHOCYTE TRANSFORMATION/ *LYMPHOCYTES, drug effects/ *PLANT AGGLUTININS, pharmacodynamics/ *STREPTOKINASE, pharmacodynamics/ *TUBERCULIN TEST

7291. **Smith AA, Volpitto PP, Gramling ZW, et al:** Chloroform, halothane, and regional anesthesia: a comparative study.
Anesth Analg (Cleve) 52:1-11, Jan-Feb 73
ADOLESCENCE/ ADULT/ AGED/ *ANESTHESIA, CONDUCTION/ ANESTHESIA, CONDUCTION, adverse effects/ ANESTHESIA, INHALATION/ ARRHYTHMIA, chemically induced/ BILIRUBIN, blood/ *CHLOROFORM/ CHLOROFORM, adverse effects/ CHLOROFORM, blood/ COMPARATIVE STUDY/ *HALOTHANE/ HALOTHANE, adverse effects/ HUMAN/ HYPOTENSION, chemically induced/ LACTATE DEHYDROGENASE, blood/ LIVER FUNCTION TESTS/ MIDDLE AGE/ NAUSEA, chemically induced/ PROTHROMBIN TIME/ SULFOBROMOPHTHALEIN, blood/ SURGERY, OPERATIVE/ VOMITING, chemically induced

7292. **Smith AF, Fogg BA:** Possible mechanisms for the increase in alkaline phosphatase activity of lyophilized control material.
Clin Chem 18:1518-23, Dec 72
ALCOHOLS, BUTYL/ ALKALINE PHOSPHATASE, antagonists & inhibitors/ *ALKALINE PHOSPHATASE, blood/ *BLOOD CHEMICAL ANALYSIS, standards/ *BLOOD PRESERVATION/ COLD/ DIALYSIS/ DRUG STABILITY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FREEZE DRYING/ GEL FILTRATION/ HUMAN/ KINETICS/ LIPOPROTEINS, LDL/ LIPOPROTEINS, VLDL/ LIVER DISEASES, blood/ LIVER DISEASES, enzymology/ MOLECULAR WEIGHT/ PROTEIN DENATURATION/ QUALITY CONTROL/ SOLUBILITY/ SPECTROPHOTOMETRY/ TIME FACTORS

7293. **Smith AM:** Prevention of pulmonary embolism.
Br Med J 2:777, 30 Jun 73
DEXTRAN, adverse effects/ *DEXTRAN, therapeutic use/ FEMALE/ HEMATOMA, chemically induced/ HUMAN/ *PULMONARY EMBOLISM, prevention & control

7294. **Smith B, Wiggs EO:** Differential diagnosis in orbital injury. Internal carotid-cavernous sinus fistula, orbital, hematoma, blow-out fracture.
Arch Ophthalmol 89:484-5, Jun 73
ARTERIOVENOUS FISTULA, diagnosis/ *ARTERIOVENOUS FISTULA, etiology/ AUSCULTATION/ *CAROTID ARTERIES, injuries/ *CAROTID ARTERY DISEASES, diagnosis/ CAROTID ARTERY, INTERNAL, injuries/ *CAVERNOUS SINUS, injuries/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ DIPLOPIA, etiology/ EXOPHTHALMOS, etiology/ HEMATOMA, diagnosis/ *HEMATOMA, etiology/ HUMAN/ MALE/ ORBIT, blood supply/ *ORBIT, injuries/ *SKULL FRACTURES, diagnosis

7295. **Smith EB, Slater R:** Lipids and lipoproteins in aging aortic intima. Proc R Soc Med 65:675-7, Aug 72
ADULT/ AGE FACTORS/ AGED/ *AGING/ *AORTA, analysis/ AORTA, metabolism/ AORTA, physiology/ CHOLESTEROL, metabolism/ FATTY STREAK, ARTERIAL, metabolism/ HUMAN/ *LIPIDS, analysis/ *LIPOPROTEINS, analysis/ LIPOPROTEINS, blood/ LIPOPROTEINS, metabolism/ MIDDLE AGE/ PHOSPHOLIPIDS, metabolism/ TRIGLYCERIDES, metabolism

7296. **Smith EB, Slater RS:** Relationship between plasma lipids and arerial tissue lipids.
Nutr Metab 15:17-26, 1973
ADOLESCENCE/ ADULT/ AGE FACTORS/ AORTA, metabolism/ ARTERIAL OCCLUSIVE DISEASES, metabolism/ *ARTERIES, metabolism/ ARTERIOSCLEROSIS, metabolism/ BLOOD PROTEIN DISORDERS, metabolism/ CHILD, PRESCHOOL/ CHOLESTEROL, metabolism/ ESTERS, metabolism/ FATTY ACIDS, metabolism/ FATTY STREAK, ARTERIAL, metabolism/ FEMALE/ HUMAN/ *LIPIDS, metabolism/ *LIPOPROTEINS, metabolism/ MALE/ PHOSPHOLIPIDS, metabolism/ TRIGLYCERIDES, metabolism/ XANTHOMATOSIS, metabolism

7297. **Smith EC, Skalski RJ, Johnson GC, et al:** Interaction of ascorbic acid and warfarin. JAMA 221:1166, 4 Sep 72
AGED/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, administration & dosage/ *ASCORBIC ACID, pharmacodynamics/ DRUG INTERACTIONS/ FEMALE/ HUMAN/ PROTHROMBIN TIME/ RABBITS/ SELF MEDICATION/ THROMBOPHLEBITIS, drug therapy/ *WARFARIN, antagonists & inhibitors/ WARFARIN, therapeutic use

7298. **Smith GH:** Case studies of a clinical pharmacist.
Am J Hosp Pharm 29:658-62, Nov 72
AGED/ ALCOHOLISM, complications/ ALLOPURINOL, therapeutic use/ ARRHYTHMIA, chemically induced/ ARRHYTHMIA, complications/ CHLORAL HYDRATE, administration & dosage/ COLCHICINE, therapeutic use/ DIGOXIN, administration & dosage/ DIGOXIN, adverse effects/ DRUG SYNERGISM/ GLYCERYL TRINITRATE, administration & dosage/ GOUT, drug therapy/ HEMORRHAGE, GASTROINTESTINAL, chemically induced/ *HOSPITAL PHARMACY SERVICE/ HOSPITALS, TEACHING/ HUMAN/ LIVER DISEASES, complications/ MALE/ MIDDLE AGE/ PATIENT CARE TEAM/ *PHARMACISTS, utilization/ QUINIDINE, administration & dosage/ QUINIDINE, adverse effects/ WARFARIN, administration & dosage/ WARFARIN, adverse effects/ WASHINGTON

7299. **Smith GS, Walford RL:** Standardization and stability of platelet suspensions in the complement-fixation test for HL-A antigens. Tissue Antigens 1:14-22, 1971
BLOOD CELL COUNT/ *BLOOD PLATELETS/ *COMPLEMENT FIXATION TESTS, standards/ *HISTOCOMPATIBILITY/ HUMAN/ IMMUNE SERUMS/ *ISOANTIGENS, analysis/ SPECTROPHOTOMETRY

7300. **Smith HW:** Symposium on maxillo-facial trauma. IV. Pitfalls in the treatment of mid-facial trauma.
Laryngoscope 83:547-58, Apr 73
FACIAL BONES, injuries/ FACIAL INJURIES, therapy/ FEMALE/ FRACTURES, diagnosis/ FRACTURES, surgery/ HEMATOMA, diagnosis/ HUMAN/ INTUBATION, INTRATRACHEAL/ MALE/ MAXILLOFACIAL INJURIES, diagnosis/ MAXILLOFACIAL INJURIES, surgery/ *MAXILLOFACIAL INJURIES, therapy/ NASAL SEPTUM, injuries/ NOSE, injuries

7301. **Smith JB, Ingerman C, Kocsis JJ, et al:** Formation of prostaglandins during the aggregation of human blood platelets. J Clin Invest 52:965-9, Apr 73
ADENOSINE DIPHOSPHATE, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ CELL AGGREGATION/ COLLAGEN, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ EPINEPHRINE, pharmacodynamics/ HUMAN/ IN VITRO/ *PROSTAGLANDINS, biosynthesis

7302. **Smith JB, Silver MJ, Webster GR:** Phospholipase A-1 o

human blood platelets. Biochem J 131:615-8, Mar 73
BLOOD PLATELETS, cytology/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, enzymology/ CARBON ISOTOPES/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LECITHINS/ LYSOSOMES, enzymology/ METHODS/ OSMOLAR CONCENTRATION/ *PHOSPHOLIPASE, blood/ SODIUM, pharmacodynamics/ STRUCTURE-ACTIVITY RELATIONSHIP/ TAUROCHOLIC ACID, pharmacodynamics/ THROMBIN, pharmacodynamics/ TRITIUM

7303. **Smith JE, Muto Y, Milch PO, et al:** The effects of chylomicron vitamin A on the metabolism of retinol-binding protein in the rat.
J Biol Chem 248:1544-9, 10 Mar 73
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, drug effects/ CARRIER PROTEINS, blood/ *CARRIER PROTEINS, metabolism/ *CHYLOMICRONS, pharmacodynamics/ CYCLOHEXIMIDE, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FLUOROMETRY/ KINETICS/ *LIVER, drug effects/ LIVER, metabolism/ MALE/ PUROMYCIN, pharmacodynamics/ RADIOIMMUNOASSAY/ RATS/ VITAMIN A, blood/ *VITAMIN A, pharmacodynamics/ VITAMIN A DEFICIENCY, metabolism

7304. **Smith JW, Utz JP:** Progressive disseminated histoplasmosis. A prospective study of 26 patients.
Ann Intern Med 76:557-65, Apr 72
ADOLESCENCE/ ADULT/ AGED/ AMPHOTERICIN B, therapeutic use/ ANEMIA, etiology/ CHILD/ ENDOCARDITIS, etiology/ FEMALE/ HISTOPLASMA, isolation & purification/ *HISTOPLASMOSIS/ HISTOPLASMOSIS, complications/ HISTOPLASMOSIS, drug therapy/ HISTOPLASMOSIS, immunology/ HISTOPLASMOSIS, microbiology/ HISTOPLASMOSIS, pathology/ HUMAN/ INFANT/ LARYNX, microbiology/ LIVER, pathology/ MALE/ MENINGITIS, etiology/ MIDDLE AGE/ MOUTH, microbiology/ PROSPECTIVE STUDIES/ THROMBOPENIA, etiology/ URINE, microbiology

7305. **Smith LC:** Hydrolysis of glyceryl tri(1- 14 C)octanoate and glyceryl tri(1- 14 C)oleate monolayers by postheparin lipolytic activity.
J Lipid Res 13:769-76, Nov 72
CARBON ISOTOPES/ EMULSIONS/ *FATTY ACIDS/ *GLYCERIN/ HEPARIN/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ KINETICS/ LIPOPROTEIN LIPASE, blood/ *MEMBRANES, ARTIFICIAL/ *OLEIC ACID/ TRIOLEIN

7306. **Smith MJ:** Anuria in the recipient.
Transplant Proc 4:651-3, Dec 72
*ANURIA, etiology/ CYSTOSCOPY/ DIURESIS/ GRAFT REJECTION/ HEPARIN, therapeutic use/ HUMAN/ INFECTION, complications/ ISCHEMIA/ *KIDNEY, transplantation/ MANNITOL, therapeutic use/ POSTOPERATIVE COMPLICATIONS/ RADIOISOTOPE RENOGRAPHY/ THROMBOSIS, prevention & control/ *TISSUE DONORS/ TRANSPLANTATION, HOMOLOGOUS/ URETERAL OBSTRUCTION, complications/ UROGRAPHY

7307. **Smith RB, Edwards JP, Johnston D:** Does the vagal nerve-supply to the pancreas matter in man?
Br J Surg 60:318, Apr 73
AMYLASE, secretion/ DUODENAL ULCER, surgery/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INSULIN, pharmacodynamics/ PANCREAS, drug effects/ *PANCREAS, innervation/ TRYPSIN, secretion/ *VAGOTOMY

7308. **Smith RD, Anderson JJ, Ristic M, et al:** The use of Cerenkov radiation in 32 P labeled platelet survival studies. Int J Appl Radiat Isot 23:513-7, Nov 72
ANIMAL EXPERIMENTS/ BLOOD PLATELET DISORDERS, pathology/ *BLOOD PLATELETS/ CELL SURVIVAL/ DOGS/ ISOFLUROPHATE/ PHOSPHORUS ISOTOPES/ *RADIOMETRY

7309. **Smith RL:** Titration of activated bovine Factor X.
J Biol Chem 248:2418-23, 10 Apr 73
ANIMAL EXPERIMENTS/ *BENZOATES/ BINDING SITES/ BIOLOGICAL ASSAY/ BLOOD COAGULATION, drug effects/ CATTLE/ CHEMISTRY/ ENZYME ACTIVATION/ ENZYME PRECURSORS/ *FACTOR X/ FACTOR X, isolation & purification/ FACTOR X, pharmacodynamics/ GUANIDINES/ KINETICS/ MATHEMATICS/ *NITROBENZENES/ PROTEINS/ SNAKES/ SPECTROPHOTOMETRY/ TRYPSIN/ VENOMS

7310. **Smith RL, Hilker DM:** Experimental dietary production of aortic atherosclerosis in Japanese quail.
Atherosclerosis 17:63-70, Jan-Feb 73
ANIMAL EXPERIMENTS/ AORTIC DISEASES, blood/ *AORTIC DISEASES, etiology/ AORTIC DISEASES, pathology/ ARTERIOSCLEROSIS, blood/ *ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, pathology/ CHOLESTEROL, blood/ *DIET, ATHEROGENIC/ *DISEASE MODELS, ANIMAL/ FEMALE/ MALE/ *QUAIL

7311. **Smith RP, Olson MV:** Drug-induced methemoglobinemia.
Semin Hematol 10:253-68, Jul 73 (124 ref.)
ANALGESICS AND ANTIPYRETICS, adverse effects/ ANESTHETICS, LOCAL, adverse effects/ ANIMAL EXPERIMENTS/ ANTICOAGULANTS, adverse effects/ ANTI-INFECTIVE AGENTS, adverse effects/ CATS/ DIPHENYLHYDANTOIN, adverse effects/ DOGS/ EXCHANGE TRANSFUSION/ GLUTETHIMIDE, adverse effects/ GUINEA PIGS/ *HEMOGLOBIN, metabolism/ HEMOGLOBINOPATHIES, familial & genetic/ HUMAN/ HYDROXYLAMINES, therapeutic use/ HYPERBARIC OXYGENATION/ *METHEMOGLOBINEMIA, chemically induced/ METHEMOGLOBINEMIA, physiopathology/ METHEMOGLOBINEMIA, therapy/ METHYLENE BLUE, therapeutic use/ MICE/ OXIDATION-REDUCTION/ REVIEW/ VASODILATOR AGENTS, adverse effects

7312. **Smith RR, Upchurch JJ:** Monitoring antifibrinolytic therapy in subarachnoid hemorrhage.
J Neurosurg 38:339-44, Mar 73
*AMINOCAPROIC ACID, therapeutic use/ BLOOD COAGULATION TESTS/ CEREBRAL ANEURYSM, blood/ CEREBRAL ANEURYSM, complications/ FIBRIN, cerebrospinal fluid/ FIBRINOLYSIN, cerebrospinal fluid/ *FIBRINOLYSIS, drug effects/ HUMAN/ SUBARACHNOID HEMORRHAGE, blood/ SUBARACHNOID HEMORRHAGE, cerebrospinal fluid/ *SUBARACHNOID HEMORRHAGE, drug therapy/ SUBARACHNOID HEMORRHAGE, physiopathology

7313. **Smith SB, Arkin C:** Cryofibrinogenemia: incidence, clinical correlations, and a review of the literature.
Am J Clin Pathol 58:524-30, Nov 72
ADOLESCENCE/ ADULT/ AGED/ ALCOHOLISM, blood/ *BLOOD PROTEIN DISORDERS/ BLOOD PROTEIN DISORDERS, complications/ *CRYOGLOBULINS/ DIABETES MELLITUS, blood/ DIABETES MELLITUS, etiology/ FEMALE/ FIBRINOGEN/ HUMAN/ HYPERTENSION, blood/ LEUKOCYTE COUNT/ MALE/ MIDDLE AGE/ NEOPLASMS, blood/ NEOPLASMS, etiology/ POISONING, blood/ THROMBOEMBOLISM, etiology/ THROMBOSIS, blood/ TRYPSIN INHIBITORS, blood/ WOUNDS AND INJURIES, blood

7314. **Smolianitskiĭ AIa, Pomelov VS, Osipova NA:** Fibrinoliticheskaia sistema pri torakal'nykh i abdominal'nykh operatsiiakh.
Klin Med (Mosk) 50:125-9, Aug 72 (Rus)
*ABDOMEN, surgery/ *BLOOD COAGULATION DISORDERS, prevention & control/ ENGLISH ABSTRACT/ *FIBRINOLYSIS/ HUMAN/

LUNG, surgery/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ STOMACH, surgery/ *THORAX, surgery

7315. **Smolianitskii AIa, Shumbalina LF:** K chastote diagnostiki tromboza po priznakam absoliutnoi gipokoagulemii. Lab Delo 11:670-2, 1972 (Rus)
*BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION TESTS/ FIBRINOLYSIS/ HEPARIN, diagnostic use/ HUMAN/ METHODS/ *THROMBOSIS, diagnosis

7316. **Smol'iannikov AV:** Vnutrimyshechnaia angioma. Arkh Patol 35:67-8, 1973 (Rus)
FEMORAL NEOPLASMS, pathology/ *HEMANGIOMA, pathology/ HUMAN/ MALE/ MIDDLE AGE/ *NEOPLASMS, MUSCLE TISSUE, pathology

7317. **Smyth DH:** Peptide transport by mammalian gut. Ciba Found Symp 59-70, 1971
AMINO ACIDS, metabolism/ ANAEROBIOSIS/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ COBALT, pharmacodynamics/ DIFFUSION/ DIPEPTIDES, metabolism/ DOGS/ EPITHELIAL CELLS, enzymology/ EPITHELIAL CELLS, metabolism/ GLUCOSE, pharmacodynamics/ GLYCINE, metabolism/ HYDROLYSIS/ INTESTINAL ABSORPTION/ INTESTINAL MUCOSA, enzymology/ INTESTINAL MUCOSA, metabolism/ INTESTINES, enzymology/ *INTESTINES, metabolism/ METHIONINE, pharmacodynamics/ PEPTIDE HYDROLASES, metabolism/ *PEPTIDES, metabolism/ RATS/ STEREOISOMERS

7318. **Snell DT, Offord RE:** The amino acid sequence of the B-protein of bacteriophage ZJ-2.
Biochem J 127:167-78, Mar 72
ACYLATION/ AMINO ACID SEQUENCE/ CHYMOTRYPSIN/ *COLIPHAGES, analysis/ CYANOGEN BROMIDE/ ELECTROPHORESIS/ NUCLEIC ACIDS, analysis/ PEPTIDES, isolation & purification/ SODIUM DODECYL SULFATE/ SUCCINATES/ THERMOLYSIN/ TRYPSIN/ *VIRAL PROTEINS, analysis

7319. **Snook JT:** Protein digestion. Nutritional and metabolic considerations.
World Rev Nutr Diet 18:121-76, 1973 (213 ref.)
AMINO ACIDS, blood/ AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *DIETARY PROTEINS, metabolism/ DIGESTION/ EVALUATION STUDIES/ FISTULA/ GASTROINTESTINAL DISEASES, metabolism/ *GASTROINTESTINAL SYSTEM, metabolism/ GASTROINTESTINAL SYSTEM, physiology/ GASTROINTESTINAL SYSTEM, surgery/ HUMAN/ INTESTINE, SMALL, metabolism/ INTESTINES, enzymology/ INTESTINES, metabolism/ INTESTINES, microbiology/ METHODS/ NITROGEN ISOTOPES/ NUTRITION/ PANCREAS, metabolism/ PLANT PROTEINS, metabolism/ *PROTEINS, metabolism/ REVIEW/ SOY BEANS/ STOMACH, metabolism/ TRYPSIN INHIBITORS

7320. **Snook JT:** Protein digestion. Nutritional and metabolic considerations.
World Rev Nutr Diet 10:121-76, 1973 (213 ref.)
AMINO ACIDS, blood/ AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *DIETARY PROTEINS, metabolism/ DIGESTION/ EVALUATION STUDIES/ FISTULA/ GASTROINTESTINAL DISEASES, metabolism/ *GASTROINTESTINAL SYSTEM, metabolism/ GASTROINTESTINAL SYSTEM, physiology/ GASTROINTESTINAL SYSTEM, surgery/ HUMAN/ INTESTINE, SMALL, metabolism/ INTESTINES, enzymology/ INTESTINES, metabolism/ INTESTINES, microbiology/ METHODS/ NITROGEN ISOTOPES/ NUTRITION/ PANCREAS, metabolism/ PLANT PROTEINS, metabolism/ *PROTEINS, metabolism/ REVIEW/ SOY BEANS/ STOMACH, metabolism/ TRYPSIN INHIBITORS

7321. **Snyderman R, Altman LC, Frankel A, et al:** Defective mononuclear leukocyte chemotaxis: a previously unrecognized immune dysfunction. Studies in a patient with chronic mucocutaneous candidiasis.
Ann Intern Med 78:509-13, Apr 73
ANTIGENS, FUNGAL/ CANDIDA ALBICANS, immunology/ *CHEMOTAXIS/ CHILD/ COMPLEMENT/ FEMALE/ HUMAN/ HYPERSENSITIVITY, DELAYED/ *IMMUNITY, CELLULAR/ IMMUNITY, PASSIVE/ *IMMUNOLOGIC DEFICIENCY SYNDROMES, complications/ IMMUNOLOGIC DEFICIENCY SYNDROMES, therapy/ LYMPHOCYTE TRANSFORMATION/ *MONILIASIS, CUTANEOUS, immunology/ *MONILIASIS, ORAL, immunology/ *MONOCYTES, immunology/ NITROBENZENES/ PLANT AGGLUTININS/ SKIN TESTS/ STREPTODORNASE AND STREPTOKINASE/ STREPTOLYSIN

7322. **Snyderman R, Shin H, Dannenberg AM Jr:** Macrophage proteinase and inflammation: the production of chemotactic activity from the fifth complement by macrophage proteinase. J Immunol 109:896-8, Oct 72
ANIMAL EXPERIMENTS/ *CHEMOTAXIS/ *COMPLEMENT, metabolism/ GUINEA PIGS/ *INFLAMMATION, immunology/ LEUKOCYTES, immunology/ *MACROPHAGES, enzymology/ *PEPTIDE HYDROLASES, metabolism/ RABBITS

7323. **Sobbe A, Martin M, Trübestein G:** Besondere Aspekte der transluminalen Katheterrekanalisation und ihrer Rezidivbehandlung.
Fortschr Geb Roentgenstr Nuklearmed 118:682-90, Jun 73 (Ger)
ADULT/ AGED/ ARTERIAL OCCLUSIVE DISEASES, drug therapy/ ARTERIAL OCCLUSIVE DISEASES, radiography/ *ARTERIAL OCCLUSIVE DISEASES, therapy/ *CATHETERIZATION/ ENGLISH ABSTRACT/ FEMORAL ARTERY/ HUMAN/ ILIAC ARTERY/ MALE/ MIDDLE AGE/ POPLITEAL ARTERY/ RECURRENCE/ STREPTOKINASE, therapeutic use

7324. **Sobel JD:** Recent advances in venous thrombo-embolism. A review article.
S Afr Med J 47:1197-202, 14 Jul 73 (53 ref.)
ADULT/ ANTICOAGULANTS, therapeutic use/ DEXTRAN, therapeutic use/ FEMALE/ FEMORAL VEIN/ FIBRINOGEN/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ ILIAC VEIN/ IODINE ISOTOPES, DIAGNOSTIC/ LEG, blood supply/ MIDDLE AGE/ REVIEW/ *THROMBOPHLEBITIS/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, occurrence/ THROMBOPHLEBITIS, pathology/ THROMBOPHLEBITIS, prevention & control/ THROMBOPHLEBITIS, surgery/ THROMBOSIS, etiology/ VEINS, pathology

7325. **Sodek J, Hodges RS, Smillie LB, et al:** Amino-acid sequence of rabbit skeletal tropomyosin and its coiled-coil structure.
Proc Natl Acad Sci USA 69:3800-4, Dec 72
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN, metabolism/ GEL FILTRATION/ MODELS, STRUCTURAL/ *MUSCLE PROTEINS, analysis/ MUSCLE PROTEINS, metabolism/ PEPTIDE HYDROLASES, metabolism/ PROTEIN CONFORMATION/ RABBITS/ TROPOMYOSIN, analysis

7326. **Soderman DD, Germershauden J, Katzen HM:** Affinity binding of intact fat cells and their ghosts to immobilized insulin.
Proc Natl Acad Sci USA 70:792-6, Mar 73
ADIPOSE TISSUE, cytology/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CELL MEMBRANE, metabolism/ CHROMATOGRAPHY, AFFINITY/ FSH,

pharmacodynamics/ GLUCAGON, pharmacodynamics/ IMMUNE SERUMS, pharmacodynamics/ *INSULIN, metabolism/ IODINE ISOTOPES/ LH, pharmacodynamics/ MALE/ POLYSACCHARIDES/ PROLACTIN, pharmacodynamics/ RADIOLIGAND ASSAY/ RATS/ *RECEPTORS, HORMONE/ RECEPTORS, HORMONE, drug effects/ SERUM ALBUMIN, BOVINE, pharmacodynamics/ SOMATOTROPIN, pharmacodynamics/ TRYPSIN, pharmacodynamics

7327. **Sodetz JM, Brockway WJ, Castellino FJ:** Multiplicity of rabbit plasminogen. Physical characterization. Biochemistry 11:4451-8, 21 Nov 72
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHEMISTRY/ CHROMATOGRAPHY, AFFINITY/ CYANOGEN BROMIDE/ ELECTROPHORESIS, DISK/ ENZYME ACTIVATION/ FIBRINOLYTIC AGENTS/ ISOELECTRIC FOCUSING/ ISOENZYMES/ LYSINE/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ *PLASMINOGEN/ PLASMINOGEN, analysis/ PLASMINOGEN, isolation & purification/ POLYSACCHARIDES/ RABBITS/ SODIUM DODECYL SULFATE/ STREPTOKINASE/ ULTRACENTRIFUGATION

7328. **Sokal JE:** Current concepts in the treatment of chronic myelocytic leukemia.
Annu Rev Med 24:281-8, 1973 (24 ref.)
*ANTINEOPLASTIC AGENTS, therapeutic use/ BLOOD PLATELET DISORDERS, chemically induced/ BROMINE, therapeutic use/ BUSULFAN, administration & dosage/ BUSULFAN, adverse effects/ BUSULFAN, therapeutic use/ DOSE-RESPONSE RELATIONSHIP, DRUG/ DULCITOL, therapeutic use/ HUMAN/ HYDROXYUREA, therapeutic use/ IMMUNOTHERAPY/ LEUKEMIA, MYELOBLASTIC, therapy/ LEUKEMIA, MYELOCYTIC, complications/ *LEUKEMIA, MYELOCYTIC, drug therapy/ MANNITOL, therapeutic use/ MERCAPTOPURINE, therapeutic use/ REVIEW/ SPLENECTOMY/ URACIL MUSTARD, therapeutic use

7329. **Sokol F, Clark HF:** Phosphoproteins, structural components of rhabdoviruses.
Virology 52:246-63, Mar 73
*ARBOVIRUS, analysis/ CARBON ISOTOPES/ CELL LINE/ CENTRIFUGATION, DENSITY GRADIENT/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HAMSTERS/ KIDNEY/ NUCLEOPROTEINS, analysis/ NUCLEOPROTEINS, isolation & purification/ PEPTIDES, analysis/ *PHOSPHOPROTEINS, analysis/ PHOSPHORUS ISOTOPES/ PHOSPHOTRANSFERASES, analysis/ PHOSPHOTRANSFERASES, metabolism/ *RABIES VIRUS, analysis/ RABIES VIRUS, enzymology/ *RNA VIRUSES, analysis/ RNA VIRUSES, enzymology/ TRITIUM/ TRYPSIN/ *VESICULAR STOMATITIS VIRUS, analysis/ VESICULAR STOMATITIS VIRUS, enzymology/ *VIRAL PROTEINS, analysis/ VIRAL PROTEINS, isolation & purification/ VIRUS CULTIVATION

7330. **Sokolova AG, Semeniuk LA:** rol'vegetativnoĭ nervnoĭ sistemy v reguliatsii sekretornofermentativnoĭ deiatel'nosti podzheludochnoĭ zhelezy i pecheni.
Vrach Delo 7:93-4, Jul 72 (Rus)
ANIMAL EXPERIMENTS/ *AUTONOMIC NERVOUS SYSTEM, physiology/ ELECTRIC STIMULATION/ ENGLISH ABSTRACT/ LIVER, enzymology/ *LIVER, secretion/ PANCREAS, enzymology/ *PANCREAS, secretion/ PANCREATIC JUICE, secretion/ PEPTIDE HYDROLASES, metabolism/ SHEEP

7331. **Solano S, Coppola F:** Rectus abdominis muscle hematoma in pregnancy. Va Med Mon 100:340-3, Apr 73
*ABDOMINAL WALL/ ADULT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HEMATOMA, diagnosis/ *HEMATOMA, etiology/ HUMAN/ PREGNANCY/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR

7332. **Solari AJ:** Ultrastructure and composition of the synaptonemal complex in spread and negatively stained spermatocytes of the golden hamster and the albino rat. Chromosoma 39:237-63, 1972
ALCOHOL, ETHYL/ ANIMAL EXPERIMENTS/ CELL NUCLEUS/ CHROMATIN/ DEOXYRIBONUCLEASE/ DNA/ FORMALDEHYDE/ HAMSTERS/ MALE/ MEIOSIS/ MICROSCOPY, ELECTRON/ PEPTIDE HYDROLASES/ RATS/ SODIUM CHLORIDE/ *SPERMATOZOA, cytology/ STAINS AND STAINING

7333. **Solberg LA, McGarry PA:** Cerebral atherosclerosis in Negroes and Caucasians.
Atherosclerosis 16:141-54, Sep-Oct 72
ADULT/ AGED/ AORTA, pathology/ AORTIC DISEASES, occurrence/ AORTIC DISEASES, pathology/ BASILAR ARTERY, pathology/ CAROTID ARTERY DISEASES, occurrence/ CAROTID ARTERY DISEASES, pathology/ *CAUCASIAN RACE/ *CEREBRAL ARTERIOSCLEROSIS, occurrence/ CEREBRAL ARTERIOSCLEROSIS, pathology/ CEREBRAL ARTERY DISEASES, occurrence/ CEREBRAL ARTERY DISEASES, pathology/ CORONARY DISEASE, occurrence/ CORONARY DISEASE, pathology/ CORONARY VESSELS, pathology/ FATTY STREAK, ARTERIAL, occurrence/ FATTY STREAK, ARTERIAL, pathology/ FEMALE/ HUMAN/ HYPERTENSION, complications/ JAMAICA/ LOUISIANA/ MALE/ MIDDLE AGE/ *NEGROES/ NORWAY/ VERTEBRAL ARTERY, pathology

7334. **Solberg LA, Moossy J, Williams OD, et al:** Evaluation of atherosclerotic lesions in cerebral arteries by unaided visual estimation.
Atherosclerosis 16:155-67, Sep-Oct 72
AUTOPSY/ BASILAR ARTERY, pathology/ CAROTID ARTERY DISEASES, pathology/ CEREBRAL ARTERIES, pathology/ *CEREBRAL ARTERIOSCLEROSIS, pathology/ CEREBRAL ARTERY DISEASES, pathology/ EVALUATION STUDIES/ FATTY STREAK, ARTERIAL, pathology/ HUMAN/ METHODS/ VERTEBRAL ARTERY, pathology

7335. **Solhaug JH:** Thrombocytosis. A source of increased bleeding tendency. Acta Chir Scand 139:225-7, 1973
AGED/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BUSULFAN, therapeutic use/ CARCINOMA, surgery/ COLONIC NEOPLASMS, surgery/ DIVERTICULOSIS, COLONIC/ EPISTAXIS/ FEMALE/ *HEMORRHAGIC THROMBOCYTHEMIA, etiology/ HEPARIN, therapeutic use/ HUMAN/ POSTOPERATIVE COMPLICATIONS/ SIGMOID, surgery/ *THROMBOCYTOSIS, complications/ THROMBOCYTOSIS, drug therapy

7336. **Soliman KF, Huston TM:** Effect of dietary protein and fat on prothrombin time of chickens at different environmental temperatures.
Poult Sci 51:1984-9, Nov 72
AGE FACTORS/ ANIMAL EXPERIMENTS/ *CHICKENS, metabolism/ DIETARY FATS, metabolism/ *DIETARY PROTEINS, metabolism/ ENVIRONMENTAL EXPOSURE/ FEMALE/ MALE/ *PROTHROMBIN TIME/ SEX FACTORS/ *TEMPERATURE

7337. **Soliman MK:** Vitamin-A-Uberdosierung. II. Zytologische und biochemische Veränderungen im Blut von mit hohen Dosen Vitamin A bzw. alpha-Tocopherol behandelten Ratten.
Int J Vitam Nutr Res 42:576-82, 1972 (Ger)
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION DISORDERS, chemically induced/ BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ ENGLISH ABSTRACT/ ERYTHROCYTE COUNT/ FACTOR V, metabolism/ FACTOR VII, metabolism/

FACTOR X, metabolism/ FEMALE/ FIBRINOGEN, metabolism/ HEMATOCRIT/ HEMOGLOBIN, metabolism/ LEUKOCYTE COUNT/ PROTHROMBIN TIME/ RATS/ THROMBOPLASTIN, metabolism/ TIME FACTORS/ VITAMIN A, administration & dosage/ *VITAMIN A, adverse effects/ VITAMIN A, pharmacodynamics/ *VITAMIN E, pharmacodynamics/ VITAMIN E, therapeutic use

7338. **Solinger A, Bernstein IL, Glueck HI:** The effect of epinephrine on platelet aggregation in normal and atopic subjects.
J Allergy Clin Immunol 51:29-34, Jan 73
ADOLESCENCE/ ADULT/ AGED/ ASTHMA, immunology/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CHILD/ *EPINEPHRINE, pharmacodynamics/ FEMALE/ HAY FEVER, immunology/ HUMAN/ *HYPERSENSITIVITY, immunology/ MALE/ MIDDLE AGE/ *PLATELET ADHESIVENESS, drug effects/ PROPRANOLOL, pharmacodynamics

7339. **Solling K, Askjaer SA:** Multiple myeloma with urinary excretion of heavy chain components of IgG and nodular glomerulosclerosis.
Acta Med Scand 194:23-30, Jul-Aug 73
AUTOPSY/ BIOPSY/ BLOOD PROTEIN ELECTROPHORESIS/ CREATININE, blood/ GEL DIFFUSION TESTS/ HUMAN/ *IGG, urine/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ *IMMUNOGLOBULINS, FC, urine/ KIDNEY, pathology/ KIDNEY GLOMERULUS, pathology/ LEUKOPENIA/ MALE/ MELPHALAN, therapeutic use/ METHODS/ MIDDLE AGE/ MULTIPLE MYELOMA, drug therapy/ MULTIPLE MYELOMA, pathology/ *MULTIPLE MYELOMA, urine/ *PROTEINURIA, complications/ THROMBOPENIA

7340. **Soloff MS, Swartz TL:** Characterization of a proposed oxytocin receptor in rat mammary gland.
J Biol Chem 248:6471-8, 25 Sep 73
ANIMAL EXPERIMENTS/ BINDING SITES/ CATIONS, DIVALENT/ CATIONS, MONOVALENT/ CHROMATOGRAPHY, THIN LAYER/ CYTOSOL, drug effects/ CYTOSOL, metabolism/ FEMALE/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MAMMAE, cytology/ MAMMAE, drug effects/ *MAMMAE, metabolism/ NEURAMINIDASE/ *OXYTOCIN, metabolism/ PHOSPHOLIPASE/ RATS/ *RECEPTORS, HORMONE/ RIBONUCLEOTIDES, pharmacodynamics/ STRUCTURE-ACTIVITY RELATIONSHIP/ SUBCELLULAR FRACTIONS, metabolism/ TEMPERATURE/ TIME FACTORS/ TRITIUM/ TRYPSIN/ ULTRACENTRIFUGATION

7341. **Solomon A, McLaughlin CL:** Immunoglobulin disturbances and their clinical significance.
Med Clin North Am 37:499-516, Mar 73 (35 ref.)
BENCE JONES PROTEIN, analysis/ *BLOOD PROTEIN DISORDERS, immunology/ BLOOD VISCOSITY/ GEL DIFFUSION TESTS/ HEAVY CHAIN DISEASE, immunology/ HUMAN/ IGA, analysis/ IGD, analysis/ IGE, analysis/ IGG, analysis/ IGM, analysis/ IMMUNOELECTROPHORESIS/ IMMUNOGLOBULIN FRAGMENTS, analysis/ *IMMUNOGLOBULINS/ IMMUNOGLOBULINS, classification/ MACROGLOBULINEMIA, immunology/ MACROGLOBULINS, analysis/ MOLECULAR WEIGHT/ MULTIPLE MYELOMA, drug therapy/ MULTIPLE MYELOMA, immunology/ MYELOMA PROTEINS, analysis/ NEOPLASMS, immunology/ REVIEW

7342. **Solomon GE, Hilgartner MW, Kutt H:** Coagulation defects caused by diphenylhydantoin.
Neurology (Minneap) 22:1165-71, Nov 72
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION DISORDERS, chemically induced/ BLOOD COAGULATION DISORDERS, drug therapy/ *BLOOD COAGULATION FACTORS/ CATS/ *DIPHENYLHYDANTOIN, adverse effects/ DIPHENYLHYDANTOIN, pharmacodynamics/ FACTOR V, analysis/ FACTOR VII, analysis/ FACTOR VIII, analysis/ FACTOR IX, analysis/ FACTOR X, analysis/ FEMALE/ HUMAN/ *INFANT, NEWBORN, DISEASES, chemically induced/ INFANT, NEWBORN, DISEASES, drug therapy/ LIVER, drug effects/ LIVER FUNCTION TESTS/ MATERNAL-FETAL EXCHANGE/ PREGNANCY/ PROTHROMBIN TIME/ THROMBOPLASTIN, analysis/ *VITAMIN K/ VITAMIN K, therapeutic use/ WARFARIN, pharmacodynamics

7343. **Solomon J, Jacobs EM, Bateman JR, et al:** Chemotherapy of lymphoma with mechlorethamine and vinblastine.
Arch Intern Med 131:407-17, Mar 73
ADULT/ BLOOD CELL COUNT/ BLOOD PLATELET DISORDERS, chemically induced/ CLINICAL RESEARCH/ EVALUATION STUDIES/ FEMALE/ HODGKIN'S DISEASE, drug therapy/ HUMAN/ LEUKOPENIA, chemically induced/ *LYMPHOMA, drug therapy/ LYMPHOSARCOMA, drug therapy/ MALE/ MECHLORETHAMINE, adverse effects/ *MECHLORETHAMINE, therapeutic use/ MIDDLE AGE/ SARCOMA, RETICULUM CELL, drug therapy/ VINBLASTINE, adverse effects/ *VINBLASTINE, therapeutic use

7344. **Solomon LM, Bolat IH:** Adenoma sebaceum in encephalofacial angiomatosis (Sturge-Weber syndrome).
Acta Derm Venereol (Stockh) 52:386-8, 1972
*ADENOMA, complications/ ADENOMA, pathology/ ADULT/ *ANGIOMATOSIS, complications/ ANGIOMATOSIS, pathology/ BIOPSY, NEEDLE/ HUMAN/ LATERALITY/ MALE/ *SEBACEOUS GLAND NEOPLASMS, complications/ SEBACEOUS GLAND NEOPLASMS, pathology/ SKIN, pathology

7345. **Solomon RB:** Defibrination or primary fibrinolysis?
Ann Intern Med 77:328, Aug 72
*FIBRINOLYSIS/ HUMAN/ PANCREATITIS, blood

7346. **Solomon RB, Rosner F:** Massive hemorrhage and death during treatment with clofibrate and warfarin.
NY State J Med 73:2002-3, 1 Aug 73
AGED/ *CLOFIBRATE, adverse effects/ CLOFIBRATE, therapeutic use/ HEMATEMESIS, chemically induced/ HEMATEMESIS, mortality/ HEMATURIA, chemically induced/ HEMATURIA, mortality/ *HEMORRHAGE, chemically induced/ HUMAN/ MALE/ PROTHROMBIN TIME/ *WARFARIN, adverse effects/ WARFARIN, therapeutic use

7347. **Solomon RB, Rosner F:** Massive hemorrhage and death during treatment with clofibrate and warfarin.
NY State J Med 23:2002-3, 1 Aug 73
AGED/ *CLOFIBRATE, adverse effects/ CLOFIBRATE, therapeutic use/ HEMATEMESIS, chemically induced/ HEMATEMESIS, mortality/ HEMATURIA, chemically induced/ HEMATURIA, mortality/ *HEMORRHAGE, chemically induced/ HUMAN/ MALE/ PROTHROMBIN TIME/ *WARFARIN, adverse effects/ WARFARIN, therapeutic use

7348. **Solomonova SG, Turkevich MM, Kurinna NV:** UF spektry vbyrannia fepromaronu i zastosuvannia ikh dlia kil'kisnoho vyznachennia preparatu.
Farm Zh 27:48-51, Sep-Oct 72 (Ukr)
*ANTICOAGULANTS, analysis/ *COUMARINS, analysis/ ENGLISH ABSTRACT/ *SPECTROPHOTOMETRY, ULTRAVIOLET

7349. **Solomonova SG, Turkevich MM, Kurinna NV:** Zastosuvannia UG spektrofotometrii dlia kil'kisnoho vyznachennia omefinu.
Farm Zh 27:52-4, May-Jun 72 (Ukr)
*ANTICOAGULANTS, analysis/ *INDENES, analysis/ *SPECTROPHOTOMETRY, ULTRAVIOLET/ TABLETS, analysis

7350. **Solovki AIu:** Lechenie prostykh gipertroficheskikh gemangiom kozhi.
Vopr Onkol 18:83-4, 1972 (Rus)

CALCIUM CHLORIDE, administration & dosage/ *CALCIUM CHLORIDE, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ *HEMANGIOMA, therapy/ HUMAN/ IONTOPHORESIS/ *SKIN NEOPLASMS, therapy/ SODIUM SALICYLATE, administration & dosage/ *SODIUM SALICYLATE, therapeutic use/ *ULTRASONIC THERAPY

7351. **Solovko AIu:** Socetanie obshirnoĭ prostoĭ gipertroficheskoĭ gemangiomy s trombotsitopenieĭ. Vrach Delo 7:66-8, Jul 72 (Rus)
*HEMANGIOMA/ HUMAN/ INFANT/ MALE/ *PURPURA, THROMBOPENIC/ *SKIN NEOPLASMS/ SYNDROME

7352. **Soloway HB:** "Per cent prothrombin activity" unacceptable. N Engl J Med 288:688, 29 Mar 73
*BLOOD COAGULATION TESTS/ HUMAN/ *NOMENCLATURE/ *PROTHROMBIN/ PROTHROMBIN TIME

7353. **Soloway HB:** Standardized methods for heparin therapy. N Engl J Med 289:429-30, 23 Aug 73
*BLOOD COAGULATION TESTS/ HEPARIN, administration & dosage/ HEPARIN, blood/ *HEPARIN, therapeutic use/ HUMAN/ METHODS/ *THROMBOPLASTIN

7354. **Soloway HB, Belliveau RR, Grayson JW Jr, et al:** The in vitro effect of heparin on the activated partial thromboplastin time. Am J Clin Pathol 58:405-7, Oct 72
BLOOD COAGULATION TESTS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ HEPARIN, administration & dosage/ HEPARIN, blood/ *HEPARIN, pharmacodynamics/ HUMAN/ *THROMBOPLASTIN, analysis

7355. **Soloway HB, Cornett BM, Grayson JW Jr:** Comparison of various activated partial thromboplastin reagents in the laboratory control of heparin therapy. Am J Clin Pathol 59:587-90, Apr 73
ADULT/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ *BLOOD COAGULATION TESTS/ COMPARATIVE STUDY/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ INDICATORS AND REAGENTS, standards/ MALE/ *THROMBOPLASTIN

7356. **Soloway HB, Cornett BM, Donahoo JV, et al:** Differentiation of bleeding diatheses which occur following protamine correction of heparin anticoagulation. Am J Clin Pathol 60:188-91, Aug 73
AGED/ BLOOD COAGULATION TESTS/ DIAGNOSIS, DIFFERENTIAL/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ FEMALE/ *FIBRINOLYSIS/ *HEMORRHAGIC DIATHESIS, chemically induced/ HEMORRHAGIC DIATHESIS, drug therapy/ HEPARIN, blood/ *HEPARIN, pharmacodynamics/ HUMAN/ MALE/ METHODS/ *PROTAMINES/ PROTAMINES, pharmacodynamics/ PROTAMINES, therapeutic use/ THROMBIN/ THROMBOPLASTIN

7357. **Soloway HB, Cox SP, Donahoo JV:** Sensitivity of the activated partial thromboplastin time to heparin: effect of anticoagulant used for sample collection. Am J Clin Pathol 59:760-2, May 73
BLOOD COAGULATION TESTS/ BLOOD PRESERVATION/ BLOOD SPECIMEN COLLECTION/ CITRATES, blood/ HEPARIN, blood/ *HEPARIN, pharmacodynamics/ HUMAN/ OXALATES, blood/ *PROTHROMBIN TIME/ *THROMBOPLASTIN

7358. **Soloway RD, Summerskill WH, Baggenstoss AH, et al:** "Lupoid" hepatitis, a nonentity in the spectrum of chronic active liver disease.
Gastroenterology 63:458-65, Sep 72
ADOLESCENCE/ ADULT/ AGED/ ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ AZATHIOPRINE, administration & dosage/ BILIRUBIN, blood/ BIOPSY/ FEMALE/ GAMMA GLOBULIN, analysis/ HEPATITIS, blood/ *HEPATITIS, diagnosis/ HEPATITIS, etiology/ HUMAN/ IMMUNOGLOBULINS, analysis/ LE CELLS/ LIVER, pathology/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, diagnosis/ MALE/ MIDDLE AGE/ MUSCLE, SMOOTH, immunology/ PLACEBOS/ PREDNISONE, administration & dosage/ PROTHROMBIN TIME/ SERUM ALBUMIN, analysis

7359. **Solum NO, Rigoliot C, Budzyński AZ, et al:** A quantitative evaluation of the inhibition of platelet aggregation by low molecular weight degradation products of fibrinogen.
Br J Haematol 24:419-34, Apr 73
ADENOSINE DIPHOSPHATE, pharmacodynamics/ CHROMATOGRAPHY, THIN LAYER/ COLLAGEN, pharmacodynamics/ DRUG INTERACTIONS/ ELECTROPHORESIS/ EPINEPHRINE, pharmacodynamics/ FIBRINOGEN, metabolism/ *FIBRINOGEN, pharmacodynamics/ HUMAN/ IN VITRO/ MOLECULAR WEIGHT/ *PEPTIDES, pharmacodynamics/ *PLATELET ADHESIVENESS, drug effects/ STREPTOKINASE, pharmacodynamics/ THROMBIN, pharmacodynamics/ TRYPSIN, pharmacodynamics/ ULTRAFILTRATION

7360. **Som P, Hosain F, Wagner HN Jr:** Accelerated clearance of radioactive chelate from cerebrospinal fluid in experimental meningitis. J Nucl Med 13:942-4, Dec 72
ANIMAL EXPERIMENTS/ CELL MEMBRANE PERMEABILITY/ CISTERNA MAGNA/ DOGS/ *DTPA, cerebrospinal fluid/ DTPA, diagnostic use/ INJECTIONS/ *MENINGITIS, cerebrospinal fluid/ MENINGITIS, chemically induced/ *MENINGITIS, PNEUMOCOCCAL, cerebrospinal fluid/ METABOLIC CLEARANCE RATE/ SCINTILLATION COUNTERS/ STREPTODORNASE AND STREPTOKINASE, administration & dosage/ STREPTOKINASE, administration & dosage/ TIME FACTORS/ *YTTERBIUM, cerebrospinal fluid/ YTTERBIUM, diagnostic use

7361. **Soma H, Nagata T, Aoki T, et al:** [FDP levels in pregnancy and delivery with special reference to the placental lesions]
Acta Haematol Jap 35:642-5, Oct 72 (Jap)
ENGLISH ABSTRACT/ FEMALE/ *FIBRIN, metabolism/ *FIBRINOGEN, metabolism/ HUMAN/ *LABOR/ *PLACENTA DISORDERS, blood/ *PREGNANCY/ TIME FACTORS

7362. **Someren H van, Khan PM, Westerveld A, et al:** Two new linkage groups in man, both carrying different loci for lactate dehydrogenase and glutamic-pyruvic transaminase. Nature [New Biol] 240:221-3, 13 Dec 72
*ALANINE AMINOTRANSFERASE/ ALANINE AMINOTRANSFERASE, analysis/ CHROMOSOME MAPPING/ CLONE CELLS/ ELECTROPHORESIS/ ERYTHROCYTES, enzymology/ FIBROBLASTS, enzymology/ *GENES, STRUCTURAL/ HAMSTERS/ HUMAN/ HYBRID CELLS, enzymology/ ISOENZYMES/ *LACTATE DEHYDROGENASE ISOENZYMES/ LACTATE DEHYDROGENASE ISOENZYMES, analysis/ LEUKOCYTES, enzymology/ *LINKAGE (GENETICS)/ MALE/ PEPTIDE HYDROLASES, analysis

7363. **Somerville DA:** A technique for demonstrating fibrinolysis by cutaneous bacteria.
J Clin Pathol 25:740-1, Aug 72
ANIMAL EXPERIMENTS/ CATTLE/ CORYNEBACTERIUM, metabolism/ FIBRIN, metabolism/ FIBRINOGEN, metabolism/ *FIBRINOLYSIS/ HUMAN/ METHODS/ MICROCOCCUS, metabolism/ *SKIN, microbiology/ STAPHYLOCOCCUS, metabolism

7364. **Sommer A, Romano JP, Goudard JR, et al:** Protheèses valvulaires cardiaques et grossesse.
Ann Cardiol Angeiol (Paris) 22:183-7, May-Jun 73 (Fre)
ABORTION/ ADULT/ ANTICOAGULANTS, therapeutic use/ CONTRACEPTION/ ENGLISH ABSTRACT/ FEMALE/ *HEART VALVE

PROSTHESIS/ HUMAN/ INFANT, PREMATURE/ LABOR/ PREGNANCY/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR

7365. **Somova L, Orbetzova V, Kirov C:** Investigation of certain haematologic parameters in rats treated with prostaglandins (E 1 , E 2 , A 1 , A 2 , Resp.).
Cor Vasa 15:125-35, 1973
ANIMAL EXPERIMENTS/ *BLOOD, drug effects/ BLOOD CELL COUNT/ *BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, drug effects/ *BLOOD PRESSURE, drug effects/ BLOOD SEDIMENTATION/ FEMALE/ HEMOGLOBINOMETRY/ MALE/ PLATELET ADHESIVENESS, drug effects/ *PROSTAGLANDINS, pharmacodynamics/ RATS

7366. **Sone N:** The redox reactions in propionic acid fermantation. I. Occurrence and nature of an electron transfer system in Propionibacterium arabinosum.
J Biochem (Tokyo) 71:931-40, Jun 72
AMOBARBITAL, pharmacodynamics/ BISHYDROXYCOUMARIN, pharmacodynamics/ CELL FRACTIONATION/ CHLOROMERCURIBENZOATES, pharmacodynamics/ CYANIDES, pharmacodynamics/ ELECTRON TRANSPORT/ FUMARATES, pharmacodynamics/ GLYCEROLPHOSPHATE DEHYDROGENASE, antagonists & inhibitors/ GLYCEROLPHOSPHATE DEHYDROGENASE, metabolism/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LACTATE DEHYDROGENASE, antagonists & inhibitors/ LACTATE DEHYDROGENASE, metabolism/ NAD/ NITRITES, pharmacodynamics/ OXIDOREDUCTASES, antagonists & inhibitors/ *OXIDOREDUCTASES, metabolism/ OXYGEN CONSUMPTION/ PHENANTHROLINES, pharmacodynamics/ *PROPIONIBACTERIUM, enzymology/ ROTENONE, pharmacodynamics/ SPECTROPHOTOMETRY/ SUCCINATE DEHYDROGENASE, antagonists & inhibitors/ SUCCINATE DEHYDROGENASE, metabolism

7367. **Soni SR, Persaud V:** Central rupture of the liver with massive liver-cell necrosis. A case report and review of the literature. Br J Surg 59:660-2, Aug 72
AGED/ CASE REPORT/ FEMALE/ HEMATOMA, etiology/ HUMAN/ INFARCTION, etiology/ JAUNDICE, etiology/ LIVER, blood supply/ *LIVER, injuries/ LIVER, pathology/ NECROSIS, etiology/ RUPTURE, etiology

7368. **Sonnenschein H:** Endotoxin shock in infants and children. Med Trial Tech Q 19:134-43, Fall 72
ANTIBIOTICS, therapeutic use/ BLOOD TRANSFUSION/ CHILD/ CHILD, PRESCHOOL/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HEPARIN, therapeutic use/ HUMAN/ HYDROCORTISONE, therapeutic use/ INFANT/ INFUSIONS, PARENTERAL/ SHOCK, ENDOTOXIC, diagnosis/ *SHOCK, ENDOTOXIC, therapy

7369. **Soo YS, Lim EC:** The angiographic appearance of nasopharyngeal carcinoma.
Med J Aust 2:1297-9, 2 Dec 72
ANGIOMA, SCLEROSING, radiography/ *CARCINOMA, TRANSITIONAL CELL, radiography/ CAROTID ARTERIES/ CEREBRAL ANGIOGRAPHY/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ MALE/ MIDDLE AGE/ *NASOPHARYNGEAL NEOPLASMS, radiography

7370. **Sopher D:** The response of rat fetal membranes to injury. Ann R Coll Surg Engl 51:240-9, Oct 72
ADHESIONS/ AMNION, pathology/ ANIMAL EXPERIMENTS/ FEMALE/ *FETAL MEMBRANES, injuries/ FETAL MEMBRANES, pathology/ FETAL MEMBRANES, surgery/ FIBROBLASTS/ PREGNANCY/ PUNCTURES/ RATS/ VITELLINE MEMBRANE, pathology/ *WOUND HEALING/ WOUNDS AND INJURIES, pathology

7371. **Sörbye O, Pusch FJ, Assev S:** Effects of protein synthesis inhibitors on the induction of a labile chicken plasma coagulation factor by preparations of phytoene and substituting factors.
Biochim Biophys Acta 273:292-8, 19 Jul 72
*ALKALOIDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ CHICKENS/ CHROMATOGRAPHY/ CHROMATOGRAPHY, THIN LAYER/ CYCLOHEXIMIDE, administration & dosage/ CYCLOHEXIMIDE, pharmacodynamics/ DACTINOMYCIN, administration & dosage/ DACTINOMYCIN, pharmacodynamics/ DIET/ DIETARY FATS/ *FACTOR V, biosynthesis/ INJECTIONS, INTRAVENOUS/ PUROMYCIN, administration & dosage/ PUROMYCIN, pharmacodynamics/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *TERPENES, pharmacodynamics/ TIME FACTORS

7372. **Sorgente N, Hascall VC, Kuettner KE:** Extractability of lysozyme from bovine nasal cartilage.
Biochim Biophys Acta 284:441-50, 12 Oct 72
CARTILAGE, drug effects/ *CARTILAGE, enzymology/ CATTLE/ CENTRIFUGATION, DENSITY GRADIENT/ CHONDROITIN/ GLUCURONATES, isolation & purification/ GLYCOSIDE HYDROLASES, pharmacodynamics/ GUANIDINES, pharmacodynamics/ HUMAN/ KINETICS/ *MURAMIDASE, isolation & purification/ NOSE, drug effects/ NOSE, enzymology/ PROTEUS VULGARIS, enzymology/ SOLUBILITY/ TRYPSIN, pharmacodynamics

7373. **Sorhaug T, Solberg P:** Fractionation of dipeptidase activities of Streptococcus lactis and dipeptidase specificity of some lactic acid bacteria.
Appl Microbiol 25:388-95, Mar 73
ALANINE, metabolism/ AMINOACID OXIDOREDUCTASES/ ANILINE COMPOUNDS/ CULTURE MEDIA/ DAIRY PRODUCTS/ DIPEPTIDASES, analysis/ DIPEPTIDASES, isolation & purification/ *DIPEPTIDASES, metabolism/ DIPEPTIDES, metabolism/ ELECTROPHORESIS, STARCH GEL/ *FOOD MICROBIOLOGY/ GLYCINE, metabolism/ *LACTOBACILLUS ACIDOPHILUS, enzymology/ LACTOBACILLUS ACIDOPHILUS, growth & development/ MILK/ PEROXIDASES/ PHENYLALANINE, metabolism/ SPECIES SPECIFICITY/ STEREOISOMERS/ *STREPTOCOCCUS, enzymology/ STREPTOCOCCUS, growth & development/ STREPTOCOCCUS LACTIS, enzymology/ STREPTOCOCCUS LACTIS, growth & development/ TRYPSIN/ VIBRATION

7374. **Soria C, Guérin B, Larrieu MJ, et al:** Inflammation synoviale et facteurs de la coagulation. II. Etude biologique des liquides synoviaux de polyarthrite rheumatoïde séro-positive.
Pathol Biol (Paris) 20:695-701, Sep 72 (Fre)
ANTIGENIC DETERMINANTS/ ARTHRITIS, RHEUMATOID, immunology/ *ARTHRITIS, RHEUMATOID, pathology/ *BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ CEPHALINS, diagnostic use/ FACTOR V, analysis/ FACTOR VIII, analysis/ FACTOR X, analysis/ FACTOR XII, analysis/ PROTHROMBIN/ *SYNOVIAL FLUID, analysis/ THROMBOPLASTIN, analysis

7375. **Soria J, Soria C, Boulard C:** Anomalie de structure du fibrinogéne "Metz", localisée sur la chaîne (A) de la molécule.
Biochimie 54:415-7, 1972 (Fre)
*AFIBRINOGENEMIA, blood/ BLOOD COAGULATION TESTS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ *FIBRINOGEN, analysis/ FIBRINOGEN, isolation & purification/ HUMAN/ KINETICS/ MOLECULAR CONFORMATION

7376. **Soria J, Soria C, Samama M, et al:** Dysfibrinogénémies congénitales. Nouv Presse Med 2:1792, 30 Jun 73 (Fre)
*BLOOD COAGULATION DISORDERS,

congenital/ *FIBRINOGEN/ HUMAN/ MOLECULAR CONFORMATION

7377. **Soria J, Soria C, Vairel E, et al:** Experimental study of rabbit fibrinogen degradation products. Influence of plasminogen level for the interpretation of serum concentration of fibrinogen degradation products in consumption coagulopathies.
Thromb Diath Haemorrh 29:115-21, 28 Feb 73
DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *DISSEMINATED INTRAVASCULAR COAGULATION, metabolism/ *FIBRINOGEN, metabolism/ FIBRINOLYSIN, analysis/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS/ *PLASMINOGEN, analysis/ RABBITS

7378. **Soria J, Soria C, Samama M, et al:** Fibrinogen Troyes--fibrinogen Metz. Two new cases of congenital dysfibrinogenemia.
Thromb Diath Haemorrh 27:619-33, 31 Jul 72
ADULT/ AFIBRINOGENEMIA, blood/ *AFIBRINOGENEMIA, familial & genetic/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ CALCIUM CHLORIDE, pharmacodynamics/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ FIBRIN, metabolism/ *FIBRINOGEN, analysis/ FIBRINOGEN, physiology/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IMMUNOELECTROPHORESIS/ ISOELECTRIC FOCUSING/ MALE/ MIDDLE AGE/ MOLECULAR CONFORMATION/ PEDIGREE/ SPECTROPHOTOMETRY/ THROMBIN, metabolism

7379. **Sorimachi M, Kataoka K, Hori S, et al:** Tryptophan hydroxylase in nucleated thrombocytes of the domestic fowl. Eur J Biochem 33:486-93, 15 Mar 73
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, enzymology/ BRAIN, enzymology/ CARBON DIOXIDE/ CARBON ISOTOPES/ CARBOXY-LYASES, metabolism/ CATTLE/ CELL NUCLEUS/ CHICKENS/ DIGITONIN/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *HYDROXYLASES, blood/ HYDROXYTRYPTOPHAN, biosynthesis/ KINETICS/ METHODS/ PTERIDINES/ RABBITS/ SEROTONIN, biosynthesis/ SOLUBILITY/ TRYPTOPHAN HYDROXYLASE, antagonists & inhibitors/ TRYPTOPHAN HYDROXYLASE, blood/ TRYPTOPHAN HYDROXYLASE, isolation & purification

7380. **Sorrells KM, Cowman RA, Swaisgood HE:** Hydrolysis of s,1 -casein B by Streptococcus lactis membrane proteinase. J Bacteriol 112:474-9, Oct 72
AMINO ACIDS, analysis/ AUTOANALYSIS/ *CASEIN, metabolism/ CELL MEMBRANE, enzymology/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ DANSYL COMPOUNDS, analysis/ DIPEPTIDES, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HYDROLYSIS/ *PEPTIDE HYDROLASES, metabolism/ PEPTIDES, analysis/ PEPTIDES, biosynthesis/ PEPTIDES, isolation & purification/ PEPTIDES, metabolism/ PHOSPHOPEPTIDES, analysis/ *STREPTOCOCCUS, enzymology/ STREPTOCOCCUS LACTIS, enzymology/ STREPTOCOCCUS LACTIS, growth & development/ STREPTOCOCCUS LACTIS, metabolism

7381. **Sotty M, Legrand M, Lesobre R:** Détermination de l'alpha-1 antitrypsine et de l'immunoglobuline A dans les affections bronchiques et pulmonaires (151 observations.
Poumon Coeur 28:153-63, 1972 (Fre)
*BRONCHIAL DISEASES, blood/ BRONCHIAL DISEASES, immunology/ ENGLISH ABSTRACT/ GEL DIFFUSION TESTS/ *GLYCOPROTEINS, blood/ HUMAN/ *IGA, analysis/ *LUNG DISEASES, blood/ LUNG DISEASES, immunology/ PNEUMOTHORAX/ *TRYPSIN INHIBITORS, blood

7382. **Souadjian JV, Susset J, Longpré B, et al:** Le syndrome de Stauffer: dysfonction hépatique reversible chez un malade porteur d'hypernéphrome.
Can Med Assoc J 105:394-6, 21 Aug 71 (Fre)
*ADENOCARCINOMA, pathology/ ADENOCARCINOMA, surgery/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, pathology/ HUMAN/ KIDNEY, pathology/ *KIDNEY NEOPLASMS, pathology/ KIDNEY NEOPLASMS, surgery/ LIVER, pathology/ *LIVER NEOPLASMS, pathology/ MIDDLE AGE/ NEPHRECTOMY/ SERUM GLOBULINS, analysis/ SYNDROME/ TIME FACTORS

7383. **Soulé ME, Yang SY, Weller MG, et al:** Island lizards: the genetic-phenetic variation correlation.
Nature 242:191-3, 16 Mar 73
AMINOTRANSFERASES, analysis/ ANIMAL EXPERIMENTS/ ELECTROPHORESIS, STARCH GEL/ ENVIRONMENT/ GENES, STRUCTURAL/ GENOTYPE/ GLUCOSEPHOSPHATE ISOMERASE, analysis/ HETEROZYGOTE/ HYDRO-LYASES, analysis/ *LIZARDS/ OXIDOREDUCTASES, analysis/ PEPTIDE HYDROLASES, analysis/ PHENOTYPE/ *VARIATION (GENETICS)

7384. **Soulier JP:** Nouveaux dérivés du plasma.
Rev Prat 22:1465-6 passim, 21 Mar 72 (Fre)
ANEMIA, NEONATAL, prevention & control/ BISHYDROXYCOUMARIN, antagonists & inhibitors/ BLOOD COAGULATION FACTORS/ CHRISTMAS DISEASE, drug therapy/ ERYTHROBLASTOSIS, FETAL, prevention & control/ FACTOR VIII/ FIBRINOGEN/ HEMOPHILIA, drug therapy/ HEMORRHAGE, drug therapy/ HEPATITIS, INFECTIOUS, prevention & control/ IMMUNOGLOBULINS/ INFUSIONS, PARENTERAL/ INJECTIONS, INTRAVENOUS/ LIVER DISEASES, drug therapy/ PLASMA/ SEROTHERAPY/ SPECIAL LIST FOREIGN/ TETANUS, prevention & control/ TISSUE EXTRACTS, isolation & purification

7385. **Soulier JP:** Progrès de la transfusion sanguine.
Rev Prat 22:1435-6 passim, 21 Mar 72 (Fre)
ABO FACTORS/ BLOOD CELLS/ BLOOD GROUPS/ BLOOD PLATELETS/ BLOOD PRESERVATION/ BLOOD TRANSFUSION/ CELL SURVIVAL/ ERYTHROCYTES/ FREEZING/ LEUKEMIA, MYELOCYTIC, therapy/ LEUKOCYTES/ SPECIAL LIST FOREIGN/ TISSUE EXTRACTS, therapeutic use/ TISSUE THERAPY

7386. **Souyris F, Garzon E, Brami GS, et al:** A propos d'une épreuve facile de dépistage des lésions pré-cancéreuses de la muqueuse buccale.
Rev Odontostomatol Midi Fr 30:114-9, 1972 (Fre)
BIOPSY/ DIAGNOSIS, DIFFERENTIAL/ HEMANGIOMA, diagnosis/ KERATOSIS, diagnosis/ LEUKOPLAKIA, ORAL, diagnosis/ LICHEN PLANUS, diagnosis/ METHODS/ MOUTH DISEASES, diagnosis/ MOUTH MUCOSA, pathology/ *MOUTH NEOPLASMS, diagnosis/ *MOUTH NEOPLASMS, prevention & control/ *PRECANCEROUS CONDITIONS, diagnosis/ TOLUIDINE BLUE O, diagnostic use/ *TOLUIDINES, diagnostic use

7387. **Soyama K, Shimada N, Kusunoki T, et al:** The diagnostic value of thrombocytic glucose-6-phosphatase in patients with von Gierke's disease and its heterozygotes.
Clin Chim Acta 44:327-31, 30 Mar 73
ADULT/ *BLOOD PLATELETS, enzymology/ FEMALE/ GLUCOSE, metabolism/ *GLUCOSEPHOSPHATASE, blood/ *GLUCOSEPHOSPHATASE DEFICIENCY, diagnosis/ GLUCOSEPHOSPHATASE DEFICIENCY, familial & genetic/ HETEROZYGOTE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INFANT/ LIVER, enzymology/ MALE/ PEDIGREE/ TIME FACTORS

7388. **Spach MO, Imbs JL, Schwartz J:** Néphroangiosclérose maligne. Evolution et traitement.
Nouv Presse Med 1:2103-7, 16 Sep 72 (Fre)
ADULT/ ANILINE COMPOUNDS, therapeutic

use/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ CEREBROVASCULAR DISORDERS, complications/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ GLOMERULONEPHRITIS, diagnosis/ HUMAN/ HYPERTENSION, MALIGNANT, complications/ *HYPERTENSION, MALIGNANT, diagnosis/ HYPERTENSION, MALIGNANT, mortality/ IMIDAZOLES, therapeutic use/ ISCHEMIA/ KIDNEY FUNCTION TESTS/ MALE/ MIDDLE AGE/ NEPHROSCLEROSIS, complications/ *NEPHROSCLEROSIS, diagnosis/ NEPHROSCLEROSIS, drug therapy/ PURPURA, THROMBOTIC THROMBOPENIC, complications/ RESERPINE, therapeutic use

7389. **Spaet TH, Stemerman MB:** Platelet adhesion.
Ann NY Acad Sci 201:13-21, 27 Oct 72
BASEMENT MEMBRANE, physiology/ BLOOD VESSELS, injuries/ COLLAGEN/ ELASTIN, physiology/ EPITHELIUM, physiology/ HUMAN/ HYALURONIDASE, pharmacodynamics/ LATEX PARTICLES/ MICROSCOPY, ELECTRON/ NEURAMINIDASE, pharmacodynamics/ PAPAIN, pharmacodynamics/ *PLATELET ADHESIVENESS/ PLATELET ADHESIVENESS, drug effects/ TRYPSIN, pharmacodynamics

7390. **Spaeth EE, Roberts GW, Yadwadkar SR, et al:** The influence of fluid shear on the kinetics of blood coagulation reactions.
Trans Am Soc Artif Intern Organs 19:179-87, 1973
BIOPHYSICS/ *BLOOD COAGULATION/ CALCIUM/ EDTA/ ESTERASES/ FACTOR V/ FACTOR VIII/ FACTOR X/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MATHEMATICS/ MOLECULAR WEIGHT/ PROTHROMBIN/ *RHEOLOGY/ SERUM ALBUMIN, BOVINE/ SNAKES/ TEMPERATURE/ THROMBIN/ TIME FACTORS/ VENOMS

7391. **Sparrow LG, McQuade AB:** Isolation by affinity chromatography of neutral proteinase from Clostridium histolyticum.
Biochim Biophys Acta 302:90-4, 15 Mar 73
CELLULOSE/ CHELATING AGENTS/ CHROMATOGRAPHY, AFFINITY/ CLOSTRIDIOPEPTIDASE A, analysis/ *CLOSTRIDIUM, enzymology/ CLOSTRIDIUM, growth & development/ CULTURE MEDIA/ DIPEPTIDES/ ENZYME ACTIVATION/ HYDROGEN-ION CONCENTRATION/ ISOFLUROPHATE/ PANCREATOPEPTIDASE, analysis/ PEPTIDE PEPTIDOHYDROLASES, analysis/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ *PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ SPECTROPHOTOMETRY, ULTRAVIOLET

7392. **(Spasokukotskiĭ SI), Guliaev AV:** Sergeĭ Ivanovich Spasokukotskiĭ. Ego deiatel'nost' po tranfuziologii, khirurgicheskoĭ gematologii i organizatsii sluzhby krovi v SSS. Vestn Khir 108:3-6, Oct 72 (Rus)
BLOOD BANKS, history/ BLOOD PRESERVATION, history/ BLOOD TRANSFUSION, history/ *HEMATOLOGY, history/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HISTORY OF MEDICINE, 19TH CENT./ HISTORY OF MEDICINE, 20TH CENT./ PUBLIC HEALTH ADMINISTRATION, history/ *SURGERY, history/ USSR

7393. **Späth G:** Die akute Lungenembolie.
Munch Med Wochenschr 114:1673-80, 29 Sep 72 (36 ref.) (Ger)
ANGIOGRAPHY/ ANTICOAGULANTS, therapeutic use/ BLOOD GAS ANALYSIS/ ELECTROCARDIOGRAPHY/ HUMAN/ ISOPROTERENOL, therapeutic use/ ORCIPRENALINE, administration & dosage/ ORCIPRENALINE, therapeutic use/ PLASMA SUBSTITUTES, therapeutic use/ *PULMONARY EMBOLISM/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, physiopathology/ PULMONARY EMBOLISM, radiography/ REVIEW/ STREPTOKINASE, therapeutic use

7394. **Spatz L, Strittmatter P:** A form of reduced nicotinamide adenine dinucleotide-cytochrome b 5 reductase containing both the catalytic site and an additional hydrophobic membrane-binding segment.
J Biol Chem 248:793-9, 10 Feb 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BINDING SITES/ CATTLE/ CHEMISTRY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHYMOTRYPSIN/ CYTOCHROME REDUCTASES, analysis/ CYTOCHROME REDUCTASES, isolation & purification/ DEOXYCHOLIC ACID/ ELECTROPHORESIS, DISK/ FERRICYANIDES/ ISOELECTRIC FOCUSING/ KINETICS/ LYSOSOMES, enzymology/ MEMBRANES/ *MICROSOMES, LIVER, enzymology/ MOLECULAR WEIGHT/ NAD/ *OXIDOREDUCTASES, isolation & purification/ SOLUBILITY/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SURFACE-ACTIVE AGENTS

7395. **Spaulding SW, Burrow GN:** Several adenosine 3',5'-monophosphate-dependent protein kinases in the thyroid. Endocrinology 91:1343-9, Nov 72
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ GEL FILTRATION/ HISTONES/ HYDROGEN-ION CONCENTRATION/ INOSINE NUCLEOTIDES, pharmacodynamics/ MOLECULAR WEIGHT/ PHOSPHORUS ISOTOPES/ PHOSPHOTRANSFERASES, analysis/ *PHOSPHOTRANSFERASES, analysis/ PHOSPHOTRANSFERASES, metabolism/ PROTAMINES/ SULFATES/ THYROID GLAND, analysis/ THYROID GLAND, drug effects/ *THYROID GLAND, enzymology

7396. **Specht HD, Noto TA:** Hepatocellular carcinoma with Australia antigen and alpha-fetoglobulin in the serum: report of two cases. Am J Clin Pathol 58:329-34, Sep 72
ADULT/ *ALPHA GLOBULIN, analysis/ *AUSTRALIA ANTIGEN, analysis/ *FETAL GLOBULINS, analysis/ HEMATOMA, etiology/ HEMATOMA, immunology/ HEPATITIS, INFECTIOUS, complications/ *HEPATOMA, blood/ HUMAN/ LIVER CIRRHOSIS, complications/ MALE

7397. **Speer CA, Hammond DM, Mahrt JL, et al:** Structure of the oocyst and sporocyst walls and excystation of sporozoites of Isospora canis.
J Parasitol 59:35-40, Feb 73
ANIMAL EXPERIMENTS/ CELL WALL/ COCCIDIOSIS, microbiology/ COCCIDIOSIS, veterinary/ DOG DISEASES, microbiology/ DOGS/ FECES, microbiology/ *ISOSPORA, cytology/ ISOSPORA, drug effects/ ISOSPORA, growth & development/ ISOSPORA, isolation & purification/ MICROSCOPY, ELECTRON/ TAUROCHOLIC ACID, pharmacodynamics/ TRYPSIN, pharmacodynamics

7398. **Spellacy WN, Buhi WC, Cohn JE, et al:** Usefulness of rapid blood glucose measurements in obstetrics. Dextrostix/reflectance meter system.
Obstet Gynecol 41:299-303, Feb 73
*BLOOD SUGAR, analysis/ CHEMISTRY/ COLORIMETRY/ *DIABETES MELLITUS, diagnosis/ EVALUATION STUDIES/ FEMALE/ GLUCOSE OXIDASE/ HEPARIN/ HUMAN/ METHODS/ PREGNANCY/ *PREGNANCY IN DIABETES, diagnosis/ TIME FACTORS

7399. **Speller DC, Mitchell RG:** Coagulase-negative staphylococci causing endocarditis after cardiac surgery. J Clin Pathol 26:517-22, Jul 73
ANTIBIOTICS, therapeutic use/ COAGULASE/ DRUG RESISTANCE, MICROBIAL/ ENDOCARDITIS, BACTERIAL, drug therapy/ *ENDOCARDITIS, BACTERIAL, etiology/ *HEART SURGERY/ HUMAN/ MICROBIAL

SENSITIVITY TESTS/ *POSTOPERATIVE COMPLICATIONS/ *STAPHYLOCOCCAL INFECTIONS, complications/ STAPHYLOCOCCUS, classification/ STAPHYLOCOCCUS, isolation & purification

7400. **Spence-Campbell MA, Forsythe AB, Nesbitt M:** Metaphase distribution of the mouse chromosomes.
Chromosoma 39:289-95, 1972
ANIMAL EXPERIMENTS/ CELL COUNT/ CELLS, CULTURED/ CHROMOSOME ABERRATIONS/ *CHROMOSOMES/ FEMALE/ FETUS/ FIBROBLASTS, cytology/ KARYOTYPING/ LUNG, cytology/ MALE/ MICE/ MICE, INBRED BALB C/ MICE, INBRED C3H/ MICE, INBRED C57BL/ MICE, INBRED CBA/ MICE, INBRED DBA/ MICROSCOPY, FLUORESCENCE/ *MITOSIS/ QUINACRINE/ SPECIES SPECIFICITY/ TRYPSIN

7401. **Spencer FC, Glassman E:** Preinfarction angina: current therapeutic considerations.
Am J Cardiol 32:382-4, 7 Sep 73
ANGINA PECTORIS, diagnosis/ ANGINA PECTORIS, drug therapy/ ANGINA PECTORIS, surgery/ *ANGINA PECTORIS, therapy/ ANTICOAGULANTS, therapeutic use/ AORTOCORONARY BYPASS, adverse effects/ HUMAN/ PROPRANOLOL, therapeutic use

7402. **Spencer RD, Toledo FB, Williams BT, et al:** Design, construction, and two applications for an automated flow-cell polarization fluorometer with digital read out: enzyme-inhibitor (antitrypsin) assay and antigen-antibody (insulin-insulin antiserum) assay.
Clin Chem 19:838-44, Aug 73
ANTIGEN-ANTIBODY REACTIONS/ AUTOANALYSIS/ CASEIN/ CHEMISTRY/ FLUORESCEINS/ *FLUORESCENCE/ FLUORESCENCE SPECTROMETRY, instrumentation/ GUINEA PIGS, immunology/ IMMUNOASSAY/ *INSULIN, analysis/ *INSULIN ANTIBODIES, analysis/ MATHEMATICS/ METHODS/ SOY BEANS/ *SPECTRUM ANALYSIS, instrumentation/ SWINE/ *TRYPSIN INHIBITORS, blood

7403. **Spencer W:** Acute and subacute encephalopathy. II. Treatment.
NY State J Med 73:981-91, 15 Apr 73
ACUTE DISEASE/ ANTICOAGULANTS, therapeutic use/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ ARTERIAL OCCLUSIVE DISEASES, complications/ CEREBROVASCULAR DISORDERS, drug therapy/ CEREBROVASCULAR DISORDERS, surgery/ *CEREBROVASCULAR DISORDERS, therapy/ HUMAN/ VASODILATOR AGENTS, therapeutic use

7404. **Spiekerman AM, Fredericks KK, Wagner FW, et al:** Leucostoma peptidase A: a metalloprotease from snake venom.
Biochim Biophys Acta 293:464-75, 15 Feb 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ CALCIUM/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN LAYER/ DIPEPTIDES/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ INSULIN/ KINETICS/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ PEPTIDES/ SNAKES/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ATOMIC ABSORPTION/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *VENOMS, analysis/ ZINC

7405. **Spieler U:** Begründung der Antikoagulation bei Gipsfixation der unteren Extremität.
Praxis 62:325-7, 13 Mar 73 (Ger)
*ANTICOAGULANTS, therapeutic use/ *CASTS, SURGICAL, adverse effects/ HUMAN/ IMMOBILIZATION/ LEG, blood supply/ *LEG INJURIES, complications/ THROMBOEMBOLISM, etiology/ *THROMBOEMBOLISM, prevention & control

7406. **Spieler U, Preter B, Brunner U:** Thrombosenprophylaxe bei Unterschenkelfrakturen.
Helv Chir Acta 39:679-83, Dec 72 (Ger)
ADULT/ ANTICOAGULANTS, therapeutic use/ *FRACTURES, complications/ FRACTURES, radiography/ HUMAN/ *LEG INJURIES, complications/ LEG INJURIES, radiography/ MIDDLE AGE/ PHLEBOGRAPHY/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, prevention & control

7407. **Spieler U, Preter B, Brunner U:** Traumatische Thrombosen im tiefen Venensystem bei frischen Unterschenkelfrakturen.
Schweiz Med Wochenschr 102:1535-40, 28 Oct 72 (Ger)
ACENOCOUMAROL, therapeutic use/ ADULT/ ENGLISH ABSTRACT/ FRACTURE FIXATION, INTRAMEDULLARY/ HUMAN/ *LEG, blood supply/ MIDDLE AGE/ PHLEBOGRAPHY/ THROMBOPHLEBITIS, drug therapy/ *THROMBOPHLEBITIS, etiology/ *TIBIAL FRACTURES, complications/ TIBIAL FRACTURES, surgery/ TIME FACTORS/ VEINS, injuries

7408. **Spilberg I:** Studies on the mechanism of inflammation induced by calcium pyrophosphate crystals.
J Lab Clin Med 82:86-91, Jul 73
AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ ARTHRITIS, chemically induced/ ARTHRITIS, immunology/ COMPLEMENT, antagonists & inhibitors/ CRYSTALLIZATION/ *INFLAMMATION, chemically induced/ INFLAMMATION, immunology/ INJECTIONS, INTRA-ARTICULAR/ INJECTIONS, SUBCUTANEOUS/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ LEUKOCYTES, drug effects/ LYSOSOMES, enzymology/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PYROPHOSPHATES/ PYROPHOSPHATES, administration & dosage/ RABBITS/ SKIN DISEASES, chemically induced/ SKIN DISEASES, immunology/ SYNOVIAL MEMBRANE/ TRYPSIN INHIBITORS, pharmacodynamics/ VENOMS, pharmacodynamics/ VINBLASTINE, pharmacodynamics

7409. **Spindler JJ, Kakkar VV, Scully M:** Lung scans using 131 I human plasminogen.
Br J Surg 59:908, Nov 72
ANIMAL EXPERIMENTS/ DOGS/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ *PLASMINOGEN/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, radiography/ *RADIOISOTOPE SCANNING

7410. **Sprio-Kern A, Chen PS:** Uber die Proteasen der Stechmücke Culex pipiens.
Rev Suisse Zool 72:1151-9, 1972 (Ger)
*CULEX, enzymology/ ENGLISH ABSTRACT/ METAMORPHOSIS, BIOLOGICAL/ *PEPTIDE HYDROLASES, metabolism

7411. **Spodick DH:** A large series does not parallel E-MC 2 .
Chest 63:298-9, Feb 73
*ANTICOAGULANTS, therapeutic use/ *CORONARY DISEASE, surgery/ EVALUATION STUDIES/ HUMAN/ *MYOCARDIAL INFARCT, drug therapy

7412. **Spodick DH:** Electrocardiographic responses to pulmonary embolism. Mechanisms and sources of variability.
Am J Cardiol 30:695-9, 8 Nov 72
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ DOGS/ *ELECTROCARDIOGRAPHY/ HEPARIN, pharmacodynamics/ HUMAN/ OXYGEN CONSUMPTION/ PULMONARY ARTERY/ PULMONARY CIRCULATION/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, metabolism/ PULMONARY EMBOLISM, physiopathology/ SEROTONIN, antagonists & inhibitors/ SEROTONIN, biosynthesis/ VASCULAR RESISTANCE/ VECTORCARDIOGRAPHY

7413. **Spotnitz M, Levine BE, Kravetz HM, et al:** Pulmonary emboli as cause of pulmonary hypertension.
Ariz Med 30:272-4, Apr 73

AGED/ FEMALE/ FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, PULMONARY, diagnosis/ HYPERTENSION, PULMONARY, drug therapy/ *HYPERTENSION, PULMONARY, etiology/ *PULMONARY EMBOLISM, complications/ RECURRENCE/ WARFARIN, therapeutic use

7414. **Spragg J, Kaplan AP, Austen KF:** The use of isoelectric focusing to study components of the human plasma kinin-forming system.
Ann NY Acad Sci 209:372-86, 15 Jun 73
BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION FACTORS, isolation & purification/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, DISK/ FACTOR XII, analysis/ FACTOR XII, isolation & purification/ GEL FILTRATION/ HUMAN/ ISOELECTRIC FOCUSING/ KALLIKREIN, analysis/ KALLIKREIN, isolation & purification/ KININOGENS, analysis/ KININOGENS, isolation & purification/ *KININS, analysis/ METHODS/ MODELS, BIOLOGICAL/ MOLECULAR WEIGHT/ *PROTEIN PRECURSORS, analysis/ ULTRAFILTRATION

7415. **Spranger M:** Beitrag zur Differentialdiagnose der tumorösen Veränderungen im Symphysen bereich. I.
Arch Orthop Unfallchir 73:72-9, 1972 (Ger)
ADOLESCENCE/ ADULT/ AGED/ BONE NEOPLASMS, diagnosis/ CHONDROSARCOMA, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ *FIBROSARCOMA, diagnosis/ *HEMANGIOMA, diagnosis/ HUMAN/ MALE/ NEOPLASM METASTASIS/ *PELVIC NEOPLASMS, diagnosis/ PELVIC NEOPLASMS, pathology/ PELVIC NEOPLASMS, radiography/ PROSTATIC NEOPLASMS, complications/ *PUBIC SYMPHYSIS/ PUBIC SYMPHYSIS, radiography

7416. **Spreafico PL, Frandoli G, Turazza G:** Fibrinolysis and platelet aggregation in the course of treatment with a combination of p-chlorophenoxyisobutyric acid derivatives in elderly arteriosclerotics.
Arzneim Forsch 23:236-9, Feb 73
AGED/ *ARTERIOSCLEROSIS, drug therapy/ CLOFIBRATE, pharmacodynamics/ *CLOFIBRATE, therapeutic use/ DRUG COMBINATIONS/ FEMALE/ *FIBRINOLYSIS, drug effects/ HUMAN/ HYPERLIPEMIA, drug therapy/ MALE/ MIDDLE AGE/ *PLATELET ADHESIVENESS, drug effects/ PROTHROMBIN TIME/ THROMBOSIS, prevention & control

7417. **Spreafico PL, Galetti G, Cuttin S:** Die Behandlung des experimentellen hämorrhagischen Strahlungssyndroms der Ratte mit Hirnphospholipiden und einem Antifibrinolytikum (AMCHA.
Arzneim Forsch 23:441-4, Mar 73 (Ger)
ANIMAL EXPERIMENTS/ ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ *ANTIFIBRINOLYTIC AGENTS, therapeutic use/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ CYCLOHEXANECARBOXYLIC ACIDS, pharmacodynamics/ *CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ HEMORRHAGE, drug therapy/ MALE/ *RADIATION INJURIES, EXPERIMENTAL, drug therapy/ RATS/ SYNDROME/ THROMBOPLASTIN, pharmacodynamics/ *THROMBOPLASTIN, therapeutic use

7418. **Springer GF, Adye JC, Bezkorovainy A, et al:** Functional aspects and nature of the lipopolysaccharide-receptor of human erythrocytes.
J Infect Dis 128:Suppl:202-12, Jul 73
ANIMAL EXPERIMENTS/ ANTIBODY SPECIFICITY/ *ANTIGENS, BACTERIAL/ *ENDOTOXINS/ *ERYTHROCYTES, immunology/ GLYCOPROTEINS/ GRAM NEGATIVE BACTERIA/ HUMAN/ IMMUNITY, CELLULAR/ *LIPOPOLYSACCHARIDES/ *LIPOPROTEINS/ NEURAMINIC ACIDS/ PEPTIDE HYDROLASES, physiology

7419. **Sprung O:** Les anticoagulants dans le troisième age.
Phlebologie 26:61-4, Jan-Mar 73 (Fre)
AGE FACTORS/ AGED/ *ANTICOAGULANTS, therapeutic use/ BLOOD COAGULATION TESTS/ HEPARIN, therapeutic use/ HUMAN/ VITAMIN K, antagonists & inhibitors

7420. **Sreelakshmi P, Swami KS:** Studies on proteases of skeletal muscle in relation to subcellular electromigration. Enzymologia 43:373-84, 31 Dec 72
ALBUMINS, pharmacodynamics/ ANIMAL EXPERIMENTS/ CALCIUM, pharmacodynamics/ CATTLE/ CHEMISTRY, PHYSICAL/ EDTA, pharmacodynamics/ ELECTRIC CONDUCTIVITY/ *ELECTROPHYSIOLOGY/ FROGS/ GAMMA GLOBULIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MUSCLES, drug effects/ *MUSCLES, enzymology/ *PEPTIDE HYDROLASES, metabolism

7421. **Sreerama V, Ivan LP, Dennery JM, et al:** Neurosurgical complications of anticoagulant therapy.
Can Med Assoc J 108:305-7, 3 Feb 73
ADULT/ AGED/ *ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, therapeutic use/ BISHYDROXYCOUMARIN, adverse effects/ BISHYDROXYCOUMARIN, therapeutic use/ CEREBROVASCULAR DISORDERS, drug therapy/ FEMALE/ HEAD INJURIES, complications/ HEMATOMA, EPIDURAL, chemically induced/ HEMATOMA, EPIDURAL, surgery/ *HEMATOMA, SUBDURAL, chemically induced/ HEMATOMA, SUBDURAL, surgery/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, drug therapy/ PHLEBITIS, drug therapy/ RECURRENCE/ SPINAL CORD DISEASES, chemically induced/ SPINAL CORD DISEASES, surgery/ SPINAL CORD INJURIES, complications

7422. **Sridhar MK, Pillai SC:** Catalase and protease activities in sewage, sludges and effluents.
Biochem J 128:35P, Jun 72
*CATALASE, analysis/ *PEPTIDE HYDROLASES, analysis/ PROTEINS, analysis/ PROTOZOA, enzymology/ *SEWAGE, analysis

7423. **Srinivas H, Leela R, Rao PB:** Studies on tissue acid mucopolysaccharides: rat intestines.
Indian J Biochem Biophys 9:78-82, Mar 72
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, ION EXCHANGE/ FEMALE/ *INTESTINES, analysis/ MALE/ *MUCOPOLYSACCHARIDES, isolation & purification/ PAPAIN/ PEPSIN/ PRONASE/ RATS/ SODIUM HYDROXIDE/ TRYPSIN

7424. **Srinivas H, Leela R, Rao PB:** Some studies on the nature of acid mucopolysaccharides of rat & pig brain.
Indian J Biochem Biophys 9:83-8, Mar 72
ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ *MUCOPOLYSACCHARIDES, isolation & purification/ PAPAIN/ PEPSIN/ PRONASE/ RATS/ SWINE/ TRYPSIN

7425. **Srinivasan SR, Dalferes ER Jr, Ruiz H, et al:** Rapid serum lipoprotein changes in spider monkeys on short-term feeding of high cholesterol-high saturated fat diet. Proc Soc Exp Biol Med 141:154-60, Oct 72
ANIMAL EXPERIMENTS/ BLOOD PROTEIN ELECTROPHORESIS/ CALCIUM/ CHOLESTEROL, blood/ *CHOLESTEROL, DIETARY/ DENSITOMETRY/ *DIETARY FATS/ HEPARIN/ *LIPOPROTEINS, blood/ LIPOPROTEINS, HDL, blood/ LIPOPROTEINS, LDL, blood/ LIPOPROTEINS, VLDL, blood/ MONKEYS/ PRECIPITATION/ STIMULATION, CHEMICAL/ ULTRACENTRIFUGATION

7426. **Srinivasan SR, Dolan P, Radhakrishnamurthy B, et al:** Isolation of lipoprotein-acid mucopolysaccharide complexes from fatty streaks of human aortas.

Atherosclerosis 16:95-104, Jul-Aug 72
AGAR/ *AORTA, THORACIC, analysis/ CENTRIFUGATION, DENSITY GRADIENT/ CHONDROITIN, analysis/ ELECTROPHORESIS/ *FATTY STREAK, ARTERIAL, metabolism/ GEL FILTRATION/ HEPARITIN SULFATE, analysis/ HUMAN/ *LIPOPROTEINS, analysis/ LIPOPROTEINS, LDL, analysis/ LIPOPROTEINS, LDL, metabolism/ LIPOPROTEINS, VLDL, analysis/ LIPOPROTEINS, VLDL, metabolism/ *MUCOPOLYSACCHARIDES, analysis/ MUCOPOLYSACCHARIDES, metabolism/ ULTRACENTRIFUGATION

7427. **Srivastava KC, Clausen J:** Synthesis of prostaglandins (PGE, PGF, PGA and PGB) in human platelets.
Lipids 7:762-5, Dec 72
*BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ CHROMATOGRAPHY, THIN LAYER/ HUMAN/ KINETICS/ *PROSTAGLANDINS, biosynthesis/ PROSTAGLANDINS, blood

7428. **Sroczyński J, Kossmann S, Węgiel A:** Przypadek niedoboru czynnika XII z przedłużonym czasem krwawienia.
Acta Haematol Pol 2:239-42, Jul-Sep 71 (Pol)
ADULT/ *BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD PLATELET DISORDERS, complications/ ENGLISH ABSTRACT/ FACTOR VIII/ FACTOR IX/ FACTOR X/ FACTOR XI/ *FACTOR XII/ HUMAN/ MALE/ PLATELET ADHESIVENESS/ THROMBELASTOGRAPHY/ TIME FACTORS

7429. **Srodes CH, Hyde EF, Pan SF, et al:** Cytogenetic studies during remission of blastic crisis in a patient with chronic myelocytic leukaemia.
Scand J Haematol 10:130-5, 1973
ADULT/ ANEUPLOIDY/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BUSULFAN, therapeutic use/ *CHROMOSOME ABERRATIONS/ *CHROMOSOMES, HUMAN, 21-22/ CYTARABINE, therapeutic use/ ERYTHROCYTES, ABNORMAL/ FEMALE/ HEMATOCRIT/ HUMAN/ LEUKEMIA, MYELOCYTIC, blood/ LEUKEMIA, MYELOCYTIC, drug therapy/ *LEUKEMIA, MYELOCYTIC, familial & genetic/ LEUKEMIA, MYELOCYTIC, pathology/ LEUKOCYTE COUNT/ REMISSION

7430. **Staas WE Jr, Ditunno JF Jr, Gartland JJ, et al:** Lower extremity amputation in hemophilia. Case report and review of surgical principles.
J Bone Joint Surg [Am] 54:1514-22, Oct 72
ADULT/ *AMPUTATION/ AMPUTATION STUMPS/ CASE REPORT/ FACTOR VIII, therapeutic use/ HEMARTHROSIS, etiology/ *HEMOPHILIA, complications/ HEMORRHAGE/ HUMAN/ *KNEE INJURIES, complications/ MALE/ OSTEOMYELITIS, etiology/ *OSTEOMYELITIS, surgery/ POSTOPERATIVE COMPLICATIONS/ PSEUDOMONAS INFECTIONS/ SERRATIA MARCESCENS/ STAPHYLOCOCCAL INFECTIONS/ THIGH, surgery/ WOUND HEALING

7431. **Stacher A:** Immunsuppressive Therapie in der Hämatologie.
Folia Haematol (Leipz) 97:129-38, 1972 (Ger)
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ ANEMIA, APLASTIC, drug therapy/ ANEMIA, APLASTIC, immunology/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, drug therapy/ ANEMIA, MYELOPHTHISIC, drug therapy/ ANEMIA, MYELOPHTHISIC, immunology/ ANTIBODY FORMATION/ ANTINEOPLASTIC AGENTS, therapeutic use/ ASPARAGINASE, therapeutic use/ AUTOANTIBODIES/ AUTOIMMUNE DISEASES, complications/ *AUTOIMMUNE DISEASES, drug therapy/ CHLORAMBUCIL, therapeutic use/ ENGLISH ABSTRACT/ HEMOGLOBINURIA, PAROXYSMAL, immunology/ HUMAN/ *IMMUNOSUPPRESSIVE AGENTS/ LEUKOPENIA, drug therapy/ LEUKOPENIA, immunology/ MALE/ PENICILLAMINE, therapeutic use/ PURPURA, THROMBOPENIC, immunology/ REMISSION/ THROMBOPENIA, immunology

7432. **Stachowicz KJ:** Isolation and properties of proteolytic enzymes of streptomyces erythreus. II. Properties of crude enzyme preparation.
Acta Microbiol Pol [B] 5:21-7, 1973
CHROMATOGRAPHY, DEAE-CELLULOSE/ HYDROGEN-ION CONCENTRATION/ METHODS/ *PEPTIDE HYDROLASES, isolation & purification/ *STREPTOMYCES, enzymology/ STREPTOMYCES GRISEUS, enzymology/ TEMPERATURE

7433. **Stachowicz KJ:** Isolation and properties of proteolytic enzymes of Streptomyces erythreus. I. Isolation of crude enzyme preparation.
Acta Microbiol Pol [B] 4:227-31, 1972
AMMONIUM SULFATE/ BACTERIAL PROTEINS, metabolism/ CELL-FREE SYSTEM/ CULTURE MEDIA/ DIALYSIS/ FILTRATION/ FREEZE DRYING/ METHODS/ PEPTIDE HYDROLASES, biosynthesis/ *PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ PRECIPITATION/ *STREPTOMYCES, enzymology/ STREPTOMYCES, growth & development

7434. **Stadil F, Rehfeld JF:** Determination of gastrin in serum. An evaluation of the reliability of a radioimmunoassay.
Scand J Gastroenterol 8:101-12, 1973
ADULT/ AGE FACTORS/ ANEMIA, PERNICIOUS, blood/ CHARCOAL/ DUODENAL ULCER, blood/ EVALUATION STUDIES/ FEMALE/ *GASTRIN, blood/ GASTRIN, isolation & purification/ GLYCOLS/ HEPARIN, pharmacodynamics/ HUMAN/ ION EXCHANGE RESINS/ MALE/ POLYMERS/ RADIOIMMUNOASSAY/ SERUM ALBUMIN, pharmacodynamics/ SEX FACTORS/ SODIUM CHLORIDE, pharmacodynamics/ STOMACH ULCER, blood/ ZOLLINGER-ELLISON SYNDROME, blood

7435. **Stafford LP:** Abomasal displacement in a cow.
Vet Rec 92:515-6, 12 May 73
*ABOMASUM, surgery/ ADHESIONS/ ANIMAL EXPERIMENTS/ CATTLE/ *CATTLE DISEASES, surgery/ FEMALE/ ULCER, complications/ ULCER, veterinary

7436. **Stafford WF 3d, Yphantis DA:** Existence and inhibition of hydrolytic enzymes attacking paramyosin in myofibrillar extracts of Mercenaria mercenaria.
Biochem Biophys Res Commun 49:848-54, 1 Nov 72
ALCOHOL, ETHYL/ ANIMAL EXPERIMENTS/ BENZYL COMPOUNDS/ CHROMATOGRAPHY/ CLAMS, enzymology/ EDTA/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FLUORINE/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ *MYOFIBRILS, enzymology/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PRECIPITATION/ SODIUM CHLORIDE/ SODIUM DODECYL SULFATE/ SOLUBILITY/ SULFONIC ACIDS/ TEMPERATURE/ TIME FACTORS/ TROPOMYOSIN

7437. **Stahl M:** Fibrynogenopatie.
Acta Haematol Pol 3:93-9, Jan-Mar 72 (22 ref.) (Pol)
*AFIBRINOGENEMIA/ AFIBRINOGENEMIA, diagnosis/ AFIBRINOGENEMIA, enzymology/ BLOOD COAGULATION/ *BLOOD COAGULATION DISORDERS/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *FIBRINOGEN/ FIBRINOGEN, analysis/ FIBRINOGEN, classification/ HUMAN/ IMMUNOELECTROPHORESIS/ MALE/ MICROSCOPY, ELECTRON/ MOLECULAR WEIGHT/ REVIEW/ THROMBELASTOGRAPHY/ THROMBIN, metabolism/ TIME FACTORS

7438. **Stahl WL:** Phospholipase C purification and specificity with respect to individual phospholipids and brain

microsomal membrane phospholipids.
Arch Biochem Biophys 154:47-55, Jan 73
ANIMAL EXPERIMENTS/ BRAIN, cytology/ *BRAIN, drug effects/ BRAIN, metabolism/ BUFFERS/ CENTRIFUGATION, DENSITY GRADIENT/ CLOSTRIDIUM PERFRINGENS, enzymology/ DRUG STABILITY/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ IN VITRO/ LIPIDS, analysis/ METHODS/ *MICROSOMES, drug effects/ MICROSOMES, metabolism/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES, analysis/ PHOSPHOLIPASE, analysis/ PHOSPHOLIPASE, isolation & purification/ *PHOSPHOLIPASE, metabolism/ PHOSPHOLIPASE, pharmacodynamics/ *PHOSPHOLIPIDS, metabolism/ PROTEINS, analysis/ RATS/ SUCROSE/ TIME FACTORS

7439. **Stal'kov EA, Savinovskaia AV:** O vozmozhnosti ispol'zovaniia koagulografa dlia opredeleniia vremeni rekal'tsifikatsii i tolerantnosti krovi k geparinu.
Lab Delo 9:521-2, 1972 (Rus)
*BLOOD COAGULATION TESTS/ BLOOD COAGULATION TESTS, instrumentation/ CALCIUM/ *HEPARIN/ HUMAN/ METHODS/ TIME FACTORS

7440. **Stambaugh R, Buckley J:** Studies on acrosomal proteinase of rabbit spermatozoa.
Biochim Biophys Acta 284:473-7, 12 Oct 72
AMIDINES, pharmacodynamics/ ANILINE COMPOUNDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ CATTLE/ DRUG STABILITY/ EPIDIDYMIS/ FEMALE/ FERTILIZATION/ HALF-LIFE/ HEAT/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MALE/ PANCREAS, enzymology/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ PLANTS/ RABBITS/ SPERMATOZOA, drug effects/ *SPERMATOZOA, enzymology/ TRYPSIN INHIBITORS, pharmacodynamics/ UTERUS

7441. **Stampfer M, Baltimore D:** Identification of the vesicular stomatitis virus large protein as a unique viral protein.
J Virol 11:520-6, Apr 73
ANTIBIOTICS, ANTINEOPLASTIC, pharmacodynamics/ CARBON ISOTOPES/ CHROMATOGRAPHY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ HAMSTERS/ LEUCINE, metabolism/ LYSINE, metabolism/ OVARY/ PEPTIDES, analysis/ STEREOISOMERS/ TISSUE CULTURE/ TRITIUM/ TRYPSIN/ *VESICULAR STOMATITIS VIRUS, analysis/ VESICULAR STOMATITIS VIRUS, growth & development/ VESICULAR STOMATITIS VIRUS, metabolism/ *VIRAL PROTEINS, analysis/ VIRAL PROTEINS, biosynthesis

7442. **Stančíková M, Trnavský K:** Study of the antiproteolytic activity of fenamates and indomethacin.
Pharmacology 9:80-4, 1973
ANILIDES/ CATTLE/ *FLUFENAMIC ACID, pharmacodynamics/ HYDROLYSIS/ *INDOMETHACIN, pharmacodynamics/ KINETICS/ *MEFENAMIC ACID, pharmacodynamics/ NITRO COMPOUNDS/ SERUM ALBUMIN, BOVINE/ *TRYPSIN INHIBITORS, pharmacodynamics

7443. **Stangalini A:** Comportamento delle immunoglobuline (IgA, IgG, IgM), del complemento (C'3) e di altre sieroproteine (alfa 1-glicoproteina acida, alfa-1-antitrepsina, alfa-2-macroglobulina, aptoglobina, ceruloplasmina, transferrina) in casi di epatite virale.
G Batteriol Virol Immunol 65:182-9, May-Aug 72 (Ita)
AUSTRALIA ANTIGEN, analysis/ *BLOOD PROTEINS, metabolism/ CERULOPLASMIN, metabolism/ *COMPLEMENT, metabolism/ ENGLISH ABSTRACT/ GLYCOPROTEINS, metabolism/ HAPTOGLOBINS, metabolism/ HEPATITIS, HOMOLOGOUS SERUM, immunology/ *HEPATITIS, HOMOLOGOUS SERUM, metabolism/ *HEPATITIS, INFECTIOUS, immunology/ HUMAN/ IGA, metabolism/ IGG, metabolism/ IGM, metabolism/ *IMMUNOGLOBULINS, metabolism/ *MACROGLOBULINS, metabolism/ TRANSFERRIN, metabolism/ *TRYPSIN INHIBITORS, metabolism

7444. **Stanton GA:** Arterial-disease research.
Lancet 2:1081, 18 Nov 72
*ARTERIOSCLEROSIS/ ARTERIOSCLEROSIS, etiology/ DIET, ATHEROGENIC/ HUMAN

7445. **Staprans I, Takahashi H, Russell MP, et al:** Skeletal and cardiac troponins and their components.
J Biochem (Tokyo) 72:723-35, Sep 72
ACTOMYOSIN/ CALCIUM/ CHROMATOGRAPHY/ ELECTROPHORESIS/ MOLECULAR WEIGHT/ *MUSCLE PROTEINS, isolation & purification/ *MUSCLES, analysis/ *MYOCARDIUM, analysis/ RABBITS/ SPECTROPHOTOMETRY, ULTRAVIOLET/ STRONTIUM/ TRYPSIN

7446. **Starchurska J, Szpilman H, Latallo ZS, et al:** Rozpuszczalna fibryna i produkty degradacji fibrynogenu we krwi chorych na gośćiec przewlekły postępujący.
Reumatologia 10:303-13, 1972 (Pol)
*ARTHRITIS, RHEUMATOID, blood/ BLOOD DONORS/ ENGLISH ABSTRACT/ *FIBRIN, metabolism/ *FIBRINOGEN, metabolism/ HUMAN

7447. **Starościk K, Lisowski J:** Modification of antibodies. I. The effect of the new modifying agent, dodecylsuccinic anhydride, on properties of IgG immunoglobulins.
Eur J Immunol 2:62-8, Feb 72
*ANHYDRIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ANTIBODIES/ ELECTROPHORESIS, DISK/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HEMAGGLUTINATION TESTS/ *IGG/ IGG, isolation & purification/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ IMMUNOGLOBULIN FRAGMENTS/ NITROPHENOLS/ PAPAIN, pharmacodynamics/ PEPSIN, pharmacodynamics/ RABBITS, immunology/ SERUM ALBUMIN/ SHEEP, immunology/ STAPHYLOCOCCUS, immunology/ *SUCCINATES, pharmacodynamics/ TRYPSIN, pharmacodynamics/ VISCOSITY

7448. **Starr KJ, Petrie JC:** Drug interactions in patients on long-term oral anticoagulant and antihypertensive adrenergic neuron-blocking drugs.
Br Med J 4:133-5, 21 Oct 72
ADULT/ AGED/ AMIDINES, adverse effects/ *ANTICOAGULANTS, adverse effects/ ANTIDEPRESSIVE AGENTS, adverse effects/ *ANTIHYPERTENSIVE AGENTS, adverse effects/ BARBITURATES, adverse effects/ CLOFIBRATE, adverse effects/ DRUG INTERACTIONS/ FEMALE/ GUANETHIDINE, adverse effects/ GUANIDINES, adverse effects/ HUMAN/ MALE/ MIDDLE AGE/ PHENINDIONE, adverse effects/ QUINOLINES, adverse effects/ SALICYLATES, adverse effects/ SELF MEDICATION/ *SYMPATHOLYTICS, adverse effects/ SYMPATHOMIMETICS, adverse effects/ WARFARIN, adverse effects

7449. **Starukhin AM:** Gemocoagulatsiia pri izvennoi bolezni i ee oslozhneniakh.
Ter Arkh 44:82-5, Nov 72 (Rus)
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION DISORDERS, complications/ *DUODENAL ULCER, blood/ DUODENAL ULCER, complications/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, analysis/ HUMAN/ MALE/ MIDDLE AGE/ PEPTIC ULCER PERFORATION, blood/ PROTHROMBIN TIME/ *PYLORIC STENOSIS, etiology/ STOMACH ULCER, blood/ *STOMACH ULCER, complications

7450. **Starzl TE, Corman J, Groth CG, et al:** Personal experience with orthotopic liver transplantation.
Transplant Proc 4:759-71, Dec 72
ADOLESCENCE/ ANTILYMPHOCYTE SERUM, therapeutic use/ BILIARY TRACT DISEASES,

surgery/ BILIRUBIN, blood/ CHILD/ CHOLANGIOGRAPHY/ COPPER, urine/ CYCLOPHOSPHAMIDE, therapeutic use/ GRAFT REJECTION/ HEMANGIOENDOTHELIOMA, surgery/ HEPATITIS, surgery/ HEPATOLENTICULAR DEGENERATION, surgery/ HEPATOMA, surgery/ HUMAN/ IMMUNOSUPPRESSION/ *LIVER, transplantation/ LIVER CIRRHOSIS, surgery/ LIVER NEOPLASMS, surgery/ LUNG NEOPLASMS, etiology/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ NEOPLASM RECURRENCE, LOCAL/ PREDNISONE, therapeutic use/ TRANSPLANTATION, HOMOLOGOUS

7451. **Stasiewicz J, Moniuszko-Jakoniuk J, Szalaj W, et al:** Wpływ heparyny na układ kininotwórczy, fibrynolizy i krzepnięcia krwi w ostrym doświadczalnym zapaleniu trzustki.
Pol Tyg Lek 28:679-82, 1 May 73 (Pol)
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION, drug effects/ DOGS/ ENGLISH ABSTRACT/ *FIBRINOLYSIS, drug effects/ *HEPARIN, pharmacodynamics/ KININOGENS, blood/ *KININS, blood/ *PANCREATITIS, blood/ PANCREATITIS, enzymology

7452. **Stathakis N, Papayannis AG, Gardikas CD:** Postoperative antithrombin-3 concentration.
Lancet 1:430, 24 Feb 73
ADULT/ *ANTITHROMBIN, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ HUMAN/ MIDDLE AGE/ PULMONARY EMBOLISM, blood/ *SURGERY, OPERATIVE/ TIME FACTORS

7453. **Stauffer CE:** HYdrolysis of substituted trifluoroacetanilides. Some implications for the mechanism of action of serine proteases.
J Am Chem Soc 94:7887-91, 1 Nov 72
*ACETANILIDE/ CATALYSIS/ FLUOROACETATES/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ KINETICS/ *PEPTIDE HYDROLASES/ *SERINE

7454. **Stauffer UG, Rickham PP, Gindrat A:** Primäre Lebertumoren im Kindesalter.
Helv Paediatr Acta 28:239-48, Jul 73 (Ger)
ADULT/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ ENGLAND/ ENGLISH ABSTRACT/ FEMALE/ HEMANGIOENDOTHELIOMA, occurrence/ HEMANGIOENDOTHELIOMA, surgery/ HEPATOMA, occurrence/ HEPATOMA, surgery/ HUMAN/ INFANT/ INFANT, NEWBORN/ *LIVER NEOPLASMS, occurrence/ LIVER NEOPLASMS, surgery/ LYMPHOSARCOMA, occurrence/ LYMPHOSARCOMA, surgery/ MALE/ MESENCHYMOMA, occurrence/ MESENCHYMOMA, surgery/ PROGNOSIS/ RETROSPECTIVE STUDIES

7455. **Stáva Z:** Metotrexát v terapii psoriázy.
Cesk Dermatol 48:203-6, Jun 73 (Cze)
FEVER, chemically induced/ GASTROINTESTINAL DISEASES, chemically induced/ HUMAN/ METHOTREXATE, administration & dosage/ METHOTREXATE, adverse effects/ *METHOTREXATE, therapeutic use/ *PSORIASIS, drug therapy/ THROMBOPENIA, chemically induced

7456. **Stavropoulos AC:** Problems in the diagnosis, treatment and prevention of intrauterine adhesions.
Int Surg 57:787-8, Oct 72
*ADHESIONS/ ADHESIONS, diagnosis/ ADHESIONS, etiology/ ADHESIONS, surgery/ CURETTAGE/ DILATATION/ FEMALE/ HUMAN/ PREGNANCY/ PREGNANCY COMPLICATIONS/ *UTERINE DISEASES/ UTERINE DISEASES, diagnosis/ UTERINE DISEASES, etiology/ UTERINE DISEASES, surgery

7457. **Stavrou D, Haglid KG:** Experimentell induzierte Tumoren des peripheren Nervensystems beim Hund.
Naturwissenschaften 59:317-8, Jul 72 (Ger)
ANIMAL EXPERIMENTS/ BRAIN NEOPLASMS, chemically induced/ CARCINOGENS/ DOGS/ HEMANGIOENDOTHELIOMA, chemically induced/ LUNG NEOPLASMS, chemically induced/ NEOPLASMS, EXPERIMENTAL/ *NEURILEMMOMA, chemically induced/ *NITROSOUREA COMPOUNDS/ *PERIPHERAL NERVE NEOPLASMS, chemically induced/ SPINAL CORD NEOPLASMS, chemically induced/ SPLENIC NEOPLASMS, chemically induced

7458. **Stecher VJ, Sorkin E:** The chemotactic activity of fibrin lysis products.
Int Arch Allergy Appl Immunol 43:879-86, 1972
ANIMAL EXPERIMENTS/ CASEIN/ *CHEMOTAXIS/ *FIBRIN/ FIBRINOGEN, isolation & purification/ FIBRINOLYSIN/ *FIBRINOLYSIS/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ *NEUTROPHILS, immunology/ RABBITS/ RABBITS, immunology/ THROMBIN

7459. **Steckenmesserr R, Bayindir S, Dietzel F, et al:** Die transfemorale Arteriographie bei Erkrankungen im Kindesalter. Bericht über 1174 Untersuchungen aus der Literatur und 68 eigene Fälle.
Fortschr Geb Roentgenstr Nuklearmed 118:161-74, Feb 73 (Ger)
ADENOCARCINOMA, radiography/ ADOLESCENCE/ *ANGIOGRAPHY/ ANGIOGRAPHY, adverse effects/ BONE DISEASES, radiography/ BONE NEOPLASMS, radiography/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ GANGLIONEUROMA, radiography/ HEMANGIOPERICYTOMA, radiography/ HEPATOMA, radiography/ HUMAN/ INFANT/ KIDNEY NEOPLASMS, radiography/ LIVER NEOPLASMS, radiography/ MALE/ METHODS/ NEPHROBLASTOMA, radiography/ NEUROBLASTOMA, radiography/ RETROPERITONEAL NEOPLASMS, radiography/ SARCOMA, RETICULUM CELL, radiography/ TERATOID TUMOR, radiography/ THROMBOSIS, etiology/ VASCULAR DISEASES, radiography

7460. **Steele BT:** Measles in Auckland, 1971-1972.
NZ Med J 77:293-7, May 73
AGE FACTORS/ ANEMIA, HEMOLYTIC, etiology/ CHILD/ CHILD, PRESCHOOL/ *DISEASE OUTBREAKS, occurrence/ ENCEPHALITIS, etiology/ ETHNIC GROUPS/ FEMALE/ HUMAN/ INFANT/ LARYNGITIS, etiology/ MALE/ MEASLES, complications/ MEASLES, diagnosis/ MEASLES, mortality/ *MEASLES, occurrence/ MEASLES, prevention & control/ MEASLES VACCINE/ NEW ZEALAND/ OTITIS MEDIA, etiology/ PNEUMONIA, etiology/ SEASONS/ THROMBOPENIA, etiology/ VACCINATION/ VACCINES, ATTENUATED

7461. **Steele PP, Welly HS, Genton E:** Platelet survival and adhesiveness in recurrent venous thrombosis.
N Engl J Med 288:1148-52, 31 May 73
ADULT/ ANTICOAGULANTS, therapeutic use/ *BLOOD PLATELETS/ BLOOD PLATELETS, drug effects/ CELL SURVIVAL/ CHROMIUM ISOTOPES/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PLATELET ADHESIVENESS/ PLATELET ADHESIVENESS, drug effects/ RECURRENCE/ SULFINPYRAZONE, pharmacodynamics/ SULFINPYRAZONE, therapeutic use/ *THROMBOPHLEBITIS, blood/ THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, drug therapy/ THROMBOSIS, blood/ THROMBOSIS, complications/ TIME FACTORS

7462. **Steele PR:** Protection of T4 bacteriophage against inactivation during freezing and thawing by addition of peptides.
J Hyg (Camb) 70:465-72, Sep 72
AMINO ACIDS/ BROMIDES/ *COLIPHAGES/ *CRYOPROTECTIVE AGENTS/ DEXTRAN/ DIPEPTIDES/ FREEZING/ GEL FILTRATION/ GLOBIN/ LYSINE/ *PEPTIDES/ PLAQUE ASSAY/ RABBITS/ SODIUM/ TRYPSIN

7463. **Steer ML, Spotnitz AJ, Cohen SI, et al:** Limitations of impedance phlebography for diagnosis of venous thrombosis. Arch Surg 106:44-8, Jan 73
ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ DIAGNOSTIC ERRORS/ EVALUATION STUDIES/ FEMALE/ *FEMORAL VEIN/ HUMAN/ *LEG, blood supply/ MALE/ MIDDLE AGE/ *PHLEBOGRAPHY/ *PLETHYSMOGRAPHY, IMPEDANCE/ *POPLITEAL VEIN/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, radiography

7464. **Stefanovič J, Ferenčík M, Murgašová I:** Porovnanie degradácie proteínových antigénov sérovými a bunkovými proteázami.
Bratisl Lek Listy 58:167-73, 1972 (Slo)
*ANTIGENS/ *BLOOD PROTEINS, metabolism/ CATHEPSIN, metabolism/ ENGLISH ABSTRACT/ HEMOGLOBIN, metabolism/ HUMAN/ IGG, metabolism/ *PEPTIDE HYDROLASES, metabolism/ *PLASMA CELLS, metabolism/ SERUM ALBUMIN, metabolism

7465. **Stefanovsky Y, Westheimer FH:** Diazoacetyl subtilisin.
Proc Natl Acad Sci USA 70:1132-6, Apr 73
*ACETATES/ *AZO COMPOUNDS/ BINDING SITES/ CARBON ISOTOPES/ CHEMISTRY/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ NITROPHENOLS/ *PEPTIDE PEPTIDOHYDROLASES/ PHOTOLYSIS/ SUBTILISINS

7466. **Steiger RF:** On the ultrastructure of Trypanosoma (Trypanozoon) brucei in the course of its life cycle and some related aspects.
Acta Trop (Basel) 30:64-168, 1973 (328 ref.)
ACID PHOSPHATASE, isolation & purification/ ANIMAL EXPERIMENTS/ BLOOD CELLS, microbiology/ CATALASE, isolation & purification/ CELL DIVISION/ CELL MEMBRANE/ EPITHELIAL CELLS, microbiology/ HISTOCYTOCHEMISTRY/ INSECT VECTORS/ INTESTINES, microbiology/ LIPIDS, isolation & purification/ MICROSCOPY/ MICROSCOPY, ELECTRON/ MICROTUBULES/ MITOCHONDRIA/ MORPHOGENESIS/ ORGANOIDS/ PEPTIDE HYDROLASES/ PEROXIDASES, isolation & purification/ POLYSACCHARIDES, isolation & purification/ REVIEW/ SALIVARY GLANDS, microbiology/ *TRYPANOSOMA BRUCEI, cytology/ TRYPANOSOMA BRUCEI, enzymology/ TRYPANOSOMA BRUCEI, growth & development/ TSETSE FLIES

7467. **Steigleder GK:** Acantholysis through washing powder enzymes. The effect of proteolytic washing powder enzymes on surviving skin.
Arch Dermatol Forsch 246:155-8, 19 Mar 73
ACANTHOLYSIS, pathology/ CELL NUCLEUS, drug effects/ *DETERGENTS, adverse effects/ HUMAN/ *PEPTIDE HYDROLASES, adverse effects/ *SKIN, drug effects/ SKIN, pathology/ *SOAPS, adverse effects

7468. **Steigleder GK, Hemmrich H:** Proteolytic enzymes in washing powder--their effects on the esterase-mantle, lipids, proteins, and pH on the skin surface.
Arch Dermatol Forsch 245:177-83, 1972
*DETERGENTS, adverse effects/ ECZEMA, chemically induced/ ESTERASES/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LIPIDS, analysis/ MALE/ PEPTIDE HYDROLASES/ *PEPTIDE HYDROLASES, adverse effects/ PROTEINS, analysis/ *SKIN, drug effects

7469. **Stein P, Kirsek WJ:** Ein Testbesteck zur Bestimmung der Faktor VIII-Aktivität in Plasma und gerinnungsaktiven Plasmafraktionen.
Dtsch Gesundheitsw 27:2056-8, 26 Oct 72 (Ger)
*BLOOD COAGULATION DISORDERS, blood/ ENGLISH ABSTRACT/ *FACTOR VIII, analysis/ HUMAN/ METHODS

7470. **Stein R, Pinchas A, Treister G:** Prevention of retinal detachment by a circumferential barrage prior to lens extraction in high-myopic eyes.
Ophthalmologica 165:125-36, 1972
ADOLESCENCE/ ADULT/ AGED/ *CATARACT EXTRACTION, adverse effects/ *CHYMOTRYPSIN, therapeutic use/ *ELECTROCOAGULATION/ FEMALE/ HUMAN/ LIGHT COAGULATION/ MALE/ MIDDLE AGE/ *MYOPIA, complications/ RETINAL DETACHMENT, etiology/ *RETINAL DETACHMENT, prevention & control/ SCLERA, surgery/ TIME FACTORS

7471. **Stein RS, Colman RW:** Hemophilia with factor VIII inhibitor. Elimination of anamnestic response.
Ann Intern Med 79:84-7, Jul 73
ADOLESCENCE/ ANTIBODY FORMATION, drug effects/ ANTIGEN-ANTIBODY REACTIONS/ ANTIGENIC DETERMINANTS/ AUTOANTIBODIES/ CYCLOPHOSPHAMIDE, therapeutic use/ *FACTOR VIII, therapeutic use/ HEMARTHROSIS, drug therapy/ *HEMOPHILIA, drug therapy/ HEMOSTASIS/ HUMAN/ IMMUNOSUPPRESSION/ MALE/ PREDNISONE, therapeutic use/ THROMBOPLASTIN

7472. **Steinacher J:** Zur therapeutischen Wirksamkeit von Reparil. (Klinisch-experimentelle Untersuchungen und therapeutische Beobachtungen.
Z Haut Geschlechtskr 47:559-64, 1 Jul 72 (Ger)
ADOLESCENCE/ ADULT/ AESCULUS, administration & dosage/ AESCULUS, pharmacodynamics/ *AESCULUS, therapeutic use/ AGED/ *ANTIBIOTICS, therapeutic use/ BLOOD PRESSURE DETERMINATION/ CAPILLARIES, drug effects/ CAPILLARY FRAGILITY, drug effects/ CLINICAL RESEARCH/ EDEMA, drug therapy/ FEMALE/ HUMAN/ INJECTIONS, INTRAVENOUS/ MALE/ MICROCIRCULATION, drug effects/ MIDDLE AGE/ SAPONINS, therapeutic use/ *VENOUS INSUFFICIENCY, drug therapy/ VENOUS PRESSURE

7473. **Steinberg MH, Breiling BJ:** Vascular lesions in hemophilia B. N Engl J Med 289:592, 13 Sep 73
*CHRISTMAS DISEASE, complications/ *FACTOR IX, adverse effects/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, complications/ *THROMBOEMBOLISM, etiology

7474. **Steinbuch M:** Precipitation methods in plasma fractionation. Vox Sang 23:92-106, Jul-Aug 72
ACRIDINES, pharmacodynamics/ AUSTRALIA ANTIGEN, isolation & purification/ *BLOOD PROTEINS, isolation & purification/ *BLOOD TRANSFUSION/ CAPRYLATES, pharmacodynamics/ FACTOR VIII, isolation & purification/ FIBRINOGEN, isolation & purification/ HUMAN/ LACTATES, pharmacodynamics/ METHODS/ *PLASMA, analysis/ POLYVINYLPYRROLIDONE, pharmacodynamics/ PRECIPITATION/ TANNINS, pharmacodynamics

7475. **Steinbuch M:** Notes on the production of plasma derivatives in France. Vox Sang 23:56-7, Jul-Aug 72
BLOOD COAGULATION FACTORS, isolation & purification/ BLOOD DONORS/ *BLOOD PROTEINS, isolation & purification/ *BLOOD TRANSFUSION/ CERULOPLASMIN, isolation & purification/ FEES AND CHARGES/ FRANCE/ GAMMA GLOBULIN, isolation & purification/ GLYCOPROTEINS, isolation & purification/ HAPTOGLOBINS, isolation & purification/ HUMAN/ IMMUNE SERUMS/ *PLASMA, analysis/ SERUM ALBUMIN, isolation & purification/ TRANSFERRIN, isolation & purification/ TRYPSIN INHIBITORS, isolation & purification

7476. **Steinbuch M, Blatrix C, Drouet J, et al:** Study of the 2 macroglobulin-plasmin interaction mechanism.
Pathol Biol (Paris) Suppl:52-5, Dec 72
*ALPHA GLOBULIN/ AUTORADIOGRAPHY/ BINDING SITES/ ELECTROPHORESIS/ ENZYME ACTIVATION/ *FIBRINOLYSIN/ IMMUNOELECTROPHORESIS/ *MACROGLOBULINS/ PEPTIDE HYDROLASES, antagonists & inhibitors/

PLASMINOGEN, antagonists & inhibitors/ PLASMINOGEN, isolation & purification/ PROTEIN BINDING/ STREPTOKINASE

7477. **Steinburg MS, Gepner IA:** Are concanavalin A receptor sites mediators of cell-cell adhesion?
Nature [New Biol] 241:249-51, 21 Feb 73
AGGLUTINATION/ ANIMAL EXPERIMENTS/ BINDING SITES/ *CELL ADHESION/ CELL AGGREGATION/ CELL AGGREGATION, drug effects/ CELLS, CULTURED/ CHICK EMBRYO/ CHYMOTRYPSIN, pharmacodynamics/ CONCANAVALIN A, metabolism/ MYOCARDIUM, cytology/ *PHYTOMITOGENS, metabolism/ *PLANT AGGLUTININS, metabolism/ *RECEPTORS, DRUG/ RETINA, cytology

7478. **Steiner DF:** Proinsulin. Triangle 11:51-60, 1972 (73 ref.)
ADOLESCENCE/ AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ ANTIMYCIN A, pharmacodynamics/ CHEMISTRY/ CHILD/ DIABETES MELLITUS, JUVENILE, metabolism/ GOLGI APPARATUS, metabolism/ HUMAN/ INSULIN, biosynthesis/ INSULIN, metabolism/ ISLET CELL TUMOR, metabolism/ METABOLISM, INBORN ERRORS, complications/ PANCREAS, metabolism/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ PEPTIDES, analysis/ PEPTIDES, metabolism/ *PROINSULIN/ PROINSULIN, antagonists & inhibitors/ PROINSULIN, isolation & purification/ PROINSULIN, metabolism/ REVIEW/ RIBOSOMES, enzymology/ RIBOSOMES, metabolism/ SPECIES SPECIFICITY/ STRUCTURE-ACTIVITY RELATIONSHIP

7479. **Steiner M:** Lipid and amino acid synthesis in aggregating platelets.
Ann NY Acad Sci 201:92-101, 27 Oct 72
ACETATES, metabolism/ *AMINO ACIDS, biosynthesis/ *BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ CHROMATOGRAPHY/ FATTY ACIDS, metabolism/ GLUCOSE, metabolism/ HUMAN/ *LIPIDS, biosynthesis/ PHOSPHORUS, blood/ *PLATELET ADHESIVENESS

7480. **Steinhausen HC:** Psychosoziale Aspekte der Haemophilie.
Oeff Gesundheitswes 34:605-10, Oct 72 (Ger)
ADOLESCENCE/ ADULT/ ATTITUDE TO HEALTH/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ *HEMOPHILIA/ HUMAN/ MALE/ OCCUPATIONS/ PARENT-CHILD RELATIONS/ *PERSONALITY DEVELOPMENT/ PSYCHOLOGY, SOCIAL/ PSYCHOSOCIAL DEPRIVATION/ *SOCIAL ADJUSTMENT

7481. **Steinhäuser J, Rahmel R:** Klippel-Trénauney-Syndrom und Konsolen-Radius.
Handchirurgie 4:89-94, 1972 (Ger)
ANGIOGRAPHY/ *ANGIOMATOSIS, diagnosis/ ANGIOMATOSIS, radiography/ *BONE DISEASES, diagnosis/ BONE DISEASES, radiography/ ENGLISH ABSTRACT/ FEMALE/ *FOREARM, radiography/ HAND, blood supply/ *HAND, radiography/ HUMAN/ RADIUS, radiography/ SYNDROME/ ULNA, radiography

7482. **Steinlicht S:** A simple method for preparation of nonanticoagulated smears in quantity.
Am J Med Technol 38:229-30, Jun 72
AGED/ *BLOOD CELL COUNT/ BLOOD COAGULATION/ *BLOOD SPECIMEN COLLECTION/ COLD/ FEMALE/ HUMAN/ METHODS

7483. **Steinman RM, Cohn ZA:** The interaction of particulate horseradish peroxidase (HRP)-anti HRP immune complexes with mouse peritoneal macrophages in vitro. J Cell Biol 55:616-34, Dec 72
ANIMAL EXPERIMENTS/ *ANTIGEN-ANTIBODY COMPLEX/ ENDOCYTOSIS/ EXOCYTOSIS/ HALF-LIFE/ HISTOCYTOCHEMISTRY/ IMMUNOELECTROPHORESIS/ IMMUNOGLOBULINS, FAB/ IODINE ISOTOPES/ KINETICS/ MACROPHAGES, drug effects/ *MACROPHAGES, immunology/ MACROPHAGES, metabolism/ MACROPHAGES, physiology/ MICE/ MICROSCOPY, ELECTRON/ *PEROXIDASES/ PEROXIDASES, metabolism/ *PLANTS, enzymology/ PRECIPITIN TESTS/ RABBITS, immunology/ TRYPSIN, pharmacodynamics

7484. **Stellar S, Levine N, Ger R, et al:** Laser excision of acute third-degree burns followed by immediate autograft replacement: an experimental study in the pig.
J Trauma 13:45-53, Jan 73
ANIMAL EXPERIMENTS/ *BURNS, surgery/ CARBON DIOXIDE/ DISEASE MODELS, ANIMAL/ EVALUATION STUDIES/ HEMOSTASIS/ *LASERS/ LASERS, instrumentation/ METHODS/ *SKIN, transplantation/ SURGICAL INSTRUMENTS/ SWINE/ TRANSPLANTATION, AUTOLOGOUS

7485. **Stellmach R, Bradac G, Bunte M, et al:** The importance of serial angiography and subtraction for the operative indication in hemangiomas of the facial region. Dentomaxillofac Radiol 2:1-4, 1973
ANGIOGRAPHY/ FACIAL NEOPLASMS, diagnosis/ HEMANGIOMA, diagnosis/ SPECIAL LIST DENTAL/ SUBTRACTION TECHNIC

7486. **Stempień R, Wojciechowski L:** Przypadek posocznicy w przebiegu ciąży, powikłany wykrzepianiem wewnątrznaczyniowym.
Ginekol Pol 44:309-14, Mar 73 (Pol)
ADULT/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ KLEBSIELLA INFECTIONS, complications/ KLEBSIELLA PNEUMONIAE, isolation & purification/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, diagnosis/ *PREGNANCY COMPLICATIONS, INFECTIOUS, diagnosis/ *SEPTICEMIA, etiology/ SHOCK, ENDOTOXIC, etiology

7487. **Stempień R, Wojciechowski L, Łęgiewski A, et al:** Powikłania u chorych na grypę w czasie epidemii w Lodzi w 1971 roku.
Przegl Epidemiol 27:229-35, 1973 (Pol)
ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ DISEASE OUTBREAKS, occurrence/ ENGLISH ABSTRACT/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ INFANT/ *INFLUENZA, ASIAN, complications/ INFLUENZA, ASIAN, occurrence/ MENINGOENCEPHALITIS, etiology/ MIDDLE AGE/ PNEUMONIA, etiology/ POLAND

7488. **Stenback F, Garcia H, Shubik P:** Studies on the influence of ultraviolet light on initiation in skin tumorigenesis. J Invest Dermatol 61:101-4, Aug 73
ANIMAL EXPERIMENTS/ BENZANTHRACENES/ CARCINOMA, EPIDERMOID, etiology/ CROTON OIL/ DRUG SYNERGISM/ FEMALE/ FIBROMA, etiology/ FIBROSARCOMA, etiology/ HEMANGIOMA, etiology/ KERATOACANTHOMA, etiology/ MICE/ NEOPLASMS, EXPERIMENTAL, chemically induced/ PAPILLOMA, etiology/ SKIN NEOPLASMS, chemically induced/ *SKIN NEOPLASMS, etiology/ TIME FACTORS/ *ULTRAVIOLET RAYS, adverse effects

7489. **Stenflo J:** Vitamin K and the biosynthesis of prothrombin. 3. Structural comparison of an NH2-terminal fragment from normal and from dicoumarol-induced bovine prothrombin.
J Biol Chem 248:6325-32, 25 Sep 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANTIGENIC DETERMINANTS/ BINDING SITES/ *BISHYDROXYCOUMARIN, pharmacodynamics/ CALCIUM/ CARBOHYDRATES, analysis/ CATTLE/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ IMMUNOELECTROPHORESIS/ MOLECULAR WEIGHT/ PEPTIDES, analysis/

POLYSACCHARIDES/ PROTEIN BINDING/ *PROTHROMBIN, analysis/ PROTHROMBIN, metabolism/ RABBITS, immunology/ THERMOLYSIN/ THROMBIN/ *VITAMIN K

7490. **Stenflo J:** Vitamin K and the biosynthesis of prothrombin. II. Structural comparison of normal and dicoumarol-induced bovine prothrombin.
J Biol Chem 247:8167-75, 25 Dec 72
ALKYLATION/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ ANTIGENIC DETERMINANTS/ *BISHYDROXYCOUMARIN/ BLOOD COAGULATION DISORDERS, chemically induced/ *BLOOD COAGULATION DISORDERS, enzymology/ CALCIUM/ CARBOHYDRATES, analysis/ CATTLE/ CHEMISTRY/ CYANOGEN BROMIDE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FLUORESCENCE SPECTROMETRY/ GEL DIFFUSION TESTS/ ISOELECTRIC FOCUSING/ MOLECULAR WEIGHT/ PEPTIDES, analysis/ PROTEIN BINDING/ PROTEIN CONFORMATION/ *PROTHROMBIN, analysis/ PROTHROMBIN, biosynthesis/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SULFHYDRYL COMPOUNDS, analysis/ TYROSINE, analysis/ ULTRACENTRIFUGATION/ VITAMIN K

7491. **Stenflo J, Ganrot PO:** Binding of Ca 2+ to normal and dicoumarol-induced prothrombin.
Biochem Biophys Res Commun 50:98-104, 4 Jan 73
ANIMAL EXPERIMENTS/ *BISHYDROXYCOUMARIN, pharmacodynamics/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ CATTLE/ DIALYSIS/ LIGANDS, pharmacodynamics/ MALE/ PRECIPITIN TESTS/ PROTEIN BINDING, drug effects/ PROTEIN CONFORMATION, drug effects/ PROTHROMBIN, isolation & purification/ *PROTHROMBIN, metabolism/ ULTRAFILTRATION

7492. **Stenflo J, Ganrot PO:** Vitamin K and the biosynthesis of prothrombin. I. Identification and purification of a dicoumarol-induced abnormal prothrombin from bovine plasma. J Biol Chem 247:8160-6, 25 Dec 72
AMMONIUM SULFATE/ ANIMAL EXPERIMENTS/ ANTIGENIC DETERMINANTS/ BARIUM/ BARIUM SULFATE/ BIOLOGICAL ASSAY/ *BISHYDROXYCOUMARIN/ BLOOD COAGULATION DISORDERS, chemically induced/ *BLOOD COAGULATION DISORDERS, enzymology/ BLOOD COAGULATION TESTS/ CATTLE/ CHROMATOGRAPHY/ CHROMATOGRAPHY, ION EXCHANGE/ CITRATES/ CROSS REACTIONS/ ELECTROPHORESIS, DISK/ ENZYME ACTIVATION/ GEL FILTRATION/ IMMUNOELECTROPHORESIS/ MALE/ *PROTHROMBIN, biosynthesis/ PROTHROMBIN, isolation & purification/ PROTHROMBIN, pharmacodynamics/ RABBITS, immunology/ VITAMIN K, antagonists & inhibitors/ *VITAMIN K, physiology

7493. **Stenn KS, Blout ER:** Mechanism of bovine prothrombin activation by an insoluble preparation of bovine factor X a (thrombokinase).
Biochemistry 11:4502-15, 21 Nov 72
AMMONIUM SULFATE/ BLOOD COAGULATION/ CATALYSIS/ CATTLE/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CITRATES/ CYANOGEN BROMIDE/ ELECTROPHORESIS, DISK/ ENZYME ACTIVATION/ *FACTOR X/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ MODELS, CHEMICAL/ POLYSACCHARIDES/ PRECIPITATION/ *PROTHROMBIN/ PROTHROMBIN, isolation & purification/ SODIUM DODECYL SULFATE/ THROMBIN, analysis

7494. **Štěpán J, Ott VR, Prokopová D:** Studium proteázo-inhibičního systému (Pi) u progresivní polyartritidy.
Vnitr Lek 18:997-1002, Oct 72 (Cze)
AGED/ *ARTHRITIS, RHEUMATOID, enzymology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ SPONDYLITIS, ANKYLOSING, enzymology

7495. **Stepanov VM, Matiash LF:** Rol' karboksil'nykh grupp v strukture i funktsii belkov.
Usp Sovrem Biol 75:163-82, Mar-Apr 73 (Rus)
AMIDES/ BINDING SITES/ *CARBOXYLIC ACIDS/ CATALYSIS/ CHEMISTRY, ORGANIC/ ENZYMES/ ESTERS/ INDICATORS AND REAGENTS/ KINETICS/ MODELS, CHEMICAL/ MOLECULAR CONFORMATION/ PEPTIDE HYDROLASES/ PROTEIN CONFORMATION/ *PROTEINS/ REVIEW/ *STRUCTURE-ACTIVITY RELATIONSHIP

7496. **Stephenson CB, Wallace JC, Vaughan JV:** Dextran 70 in the prevention of post-operative deep-vein thrombosis with observations on pulmonary embolism: report on a pilot study.
NZ Med J 77:302-5, May 73
ADULT/ AGED/ BILIARY TRACT DISEASES, surgery/ DEXTRAN, administration & dosage/ *DEXTRAN, therapeutic use/ FEMALE/ FIBRINOGEN, diagnostic use/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ LEG/ MALE/ MIDDLE AGE/ PILOT PROJECTS/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *PULMONARY EMBOLISM, diagnosis/ RADIOISOTOPE SCANNING/ RADIOMETRY/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, prevention & control

7497. **Stern MP, Kolterman OG, Fries JF, et al:** Adrenocortical steroid treatment of rheumatic diseases. Effects on lipid metabolism.
Arch Intern Med 132:97-101, Jul 73
ADOLESCENCE/ ADULT/ BLOOD PROTEIN ELECTROPHORESIS/ CARBOHYDRATES, metabolism/ CHOLESTEROL, blood/ CHYLOMICRONS, analysis/ FEMALE/ GLUCOSE, diagnostic use/ GLUCOSE TOLERANCE TEST/ GLYCERIN, metabolism/ HEPARIN, pharmacodynamics/ HUMAN/ INSULIN, blood/ *LIPIDS, metabolism/ LIPOPROTEINS, metabolism/ MIDDLE AGE/ *PREDNISONE, therapeutic use/ RHEUMATISM, blood/ *RHEUMATISM, drug therapy/ TRIGLYCERIDES, blood/ TRITIUM

7498. **Stern P:** Uber den Einfluss von nichtimmunosuppressiven Faktoren auf die Uberlebenszeit von Haut-Homotransplantaten.
Folia Haematol (Leipz) 99:106-9, 1973 (Ger)
AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ HISTAMINE LIBERATION, drug effects/ HYDROXYDOPAMINE, pharmacodynamics/ MICE/ OXOTREMORINE, pharmacodynamics/ POLYMYXIN, pharmacodynamics/ RATS/ *SKIN, transplantation/ TIME FACTORS/ TISSUE EXTRACTS/ TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION IMMUNOLOGY

7499. **Stern RC, Pittman S, Doershuk CF, et al:** Use of a "heparin lock" in the intermittent administration of intravenous drugs. A technical advance in intravenous therapy. Clin Pediatr (Phila) 11:521-3, Sep 72
CARBENICILLIN, administration & dosage/ CARBENICILLIN, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ CYSTIC FIBROSIS, complications/ *HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ *INJECTIONS, INTRAVENOUS/ INJECTIONS, INTRAVENOUS, instrumentation/ METHODS/ PSEUDOMONAS INFECTIONS, complications/ PSEUDOMONAS INFECTIONS, drug therapy/ STAPHYLOCOCCAL INFECTIONS, complications/ STAPHYLOCOCCAL INFECTIONS, drug therapy

7500. **Sternberg M:** Bond specificity, active site and milk clotting mechanism of the Mucor miehei protease.
Biochim Biophys Acta 285:383-92, 28 Dec 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AZO COMPOUNDS/ BENZYL COMPOUNDS/ BINDING SITES/ CASEIN/

CATTLE/ CHEESE/ ELECTROPHORESIS/ ESTERS/ FLUORINE/ FOOD-PROCESSING INDUSTRY/ GLYCOPEPTIDES, analysis/ INSULIN/ LYSINE/ MILK/ *MUCOR, enzymology/ NEURAMINIC ACIDS/ NITROBENZENES/ OXIDATION-REDUCTION/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDES/ *RENNIN/ STRUCTURE-ACTIVITY RELATIONSHIP

7501. **Sterzing PR, Barton PG:** The influence of cholesterol on the activity of phospholipids in blood coagulation: requirement for a liquid-crystalline lipid phase. Chem Phys Lipids 10:137-48, Feb 73
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ BRAIN, metabolism/ CATTLE/ *CEPHALINS, metabolism/ *CHOLESTEROL, pharmacodynamics/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ DRUG SYNERGISM/ MOLECULAR CONFORMATION/ TEMPERATURE

7502. **Stevens DJ:** Vascular hemostasis: a review. Am J Med Technol 39:252-7, Jun 73 (50 ref.)
ADENOSINE DIPHOSPHATE, physiology/ ARACHNODACTYLY, blood/ *BLOOD COAGULATION/ BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION TESTS/ BLOOD PLATELET DISORDERS, blood/ *BLOOD VESSELS, physiology/ CARBON DIOXIDE, blood/ CHEMORECEPTORS, physiology/ COLLAGEN, physiology/ EHLERS-DANLOS SYNDROME, blood/ HEMORRHAGE, blood/ *HEMOSTASIS/ HUMAN/ OXYGEN, blood/ PLATELET ADHESIVENESS/ PRESSORECEPTORS, physiology/ PURPURA, THROMBOPENIC, blood/ REVIEW/ SEROTONIN, physiology/ THROMBOCYTOSIS, blood/ THROMBOPENIA, blood/ *VASOMOTOR SYSTEM, physiology/ VON WILLEBRAND'S DISEASE, blood

7503. **Stevens DJ, Sanfelippo MJ:** Evaluation of three methods for plasma fibrinogen determination. Am J Clin Pathol 60:182-7, Aug 73
ANTITHROMBIN, pharmacodynamics/ CHYLOMICRONS, pharmacodynamics/ DENSITOMETRY/ EVALUATION STUDIES/ FIBRIN, metabolism/ *FIBRINOGEN, analysis/ FIBRINOGEN, metabolism/ HEPARIN, pharmacodynamics/ HUMAN/ LIPOPROTEINS, blood/ LIPOPROTEINS, pharmacodynamics/ METHODS/ PRECIPITATION

7504. **Stevens FC, Doskoch E:** Lima bean protease inhibitor: reduction and reoxidation of the disulfide bonds and their reactivity in the trypsin-inhibitor complex. Can J Biochem 51:1021-8, Jul 73
AIR/ ALKYLATION/ AMINO ACIDS, analysis/ BINDING SITES/ *CHYMOTRYPSIN, antagonists & inhibitors/ *DISULFIDES/ DITHIOTHREITOL/ DRUG STABILITY/ GEL FILTRATION/ KINETICS/ MERCAPTOETHANOL/ OXIDATION-REDUCTION/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PLANT PROTEINS/ PLANT PROTEINS, analysis/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TRYPSIN INHIBITORS/ TRYPSIN INHIBITORS, analysis

7505. **Stevens W, Baele G, Verdonk G:** Failure of subcutaneous heparin treatment in a case of disseminated intravascular coagulation. Acta Haematol (Basel) 48:245-50, 1972
BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CARCINOMA, BRONCHOGENIC, complications/ CYCLOPHOSPHAMIDE, therapeutic use/ *DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FACTOR VIII, analysis/ FEMALE/ FIBRINOGEN, analysis/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ MIDDLE AGE

7506. **Stewart JE, Schotz MC:** Stimulation of release of lipoprotein lipase activity from isolated fat cells by rat serum. Nature [New Biol] 244:250-1, 22 Aug 73
*ADIPOSE TISSUE, enzymology/ ANIMAL EXPERIMENTS/ *BLOOD PROTEINS/ BLOOD PROTEINS, analysis/ BLOOD PROTEINS, antagonists & inhibitors/ CELLS, CULTURED/ ENZYME ACTIVATION, drug effects/ *LIPOPROTEIN LIPASE, metabolism/ MALE/ MOLECULAR WEIGHT/ PAPAIN, pharmacodynamics/ RATS/ TRYPSIN, pharmacodynamics/ ULTRAFILTRATION

7507. **Stewart KK:** A method for automated analyses of the activities of trypsin, chymotrypsin and their inhibitors. Anal Biochem 51:11-8, Jan 73
ANILIDES/ ARGININE/ AUTOANALYSIS/ AUTOANALYSIS, instrumentation/ BENZOATES/ CATTLE/ *CHYMOTRYPSIN, analysis/ CHYMOTRYPSIN, antagonists & inhibitors/ GLUTARATES/ METHODS/ NITRO COMPOUNDS/ PANCREAS, enzymology/ PHENYLALANINE/ PLANTS/ *TRYPSIN, analysis/ *TRYPSIN INHIBITORS, analysis

7508. **Stickland J, McDonald IG, O'Sullivan EF:** Response of massive pulmonary embolism with protracted circulatory failure to thrombolytic therapy. Med J Aust 2:125-7, 21 Jul 73
ADULT/ CASE REPORT/ FEMALE/ HUMAN/ HYPOTENSION, drug therapy/ ISOPROTERENOL, therapeutic use/ *PULMONARY CIRCULATION/ *PULMONARY EMBOLISM, drug therapy/ *STREPTOKINASE, therapeutic use

7509. **Stieglitz P, Moulin D, Donzel JP, et al:** Deux échecs de la ventilation artificielle dans sex cas d'embolie graisseuse et de coagulation intra-vasculaire disséminée.
Anesth Analg (Paris) 29:761-76, Nov-Dec 72 (Fre)
ADOLESCENCE/ ADULT/ AGED/ BRAIN, pathology/ CEREBRAL HEMORRHAGE, pathology/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ *DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ *EMBOLISM, FAT, therapy/ FEMALE/ HEPARIN, administration & dosage/ HUMAN/ KIDNEY, pathology/ LUNG, pathology/ MALE/ PROGNOSIS/ PULMONARY ALVEOLI, pathology/ PULMONARY EMBOLISM, pathology/ *PULMONARY EMBOLISM, therapy/ *RESPIRATION, ARTIFICIAL

7510. **Stieglitz R, Stobbe H:** Kontraindikation zur Austragung einer Schwangerschaft aus hämatologischer Sicht. Z Aerztl Fortbild (Jena) 67:274-6, 15 Mar 73 (Ger)
*ABORTION, THERAPEUTIC/ AGRANULOCYTOSIS, therapy/ ANEMIA, therapy/ BLOOD COAGULATION DISORDERS, therapy/ FEMALE/ HODGKIN'S DISEASE, therapy/ HUMAN/ LEUKEMIA, therapy/ LYMPHOMA, therapy/ MYELOFIBROSIS, therapy/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, therapy/ SPLENOMEGALY, therapy/ THROMBOPENIA, therapy

7511. **Stiehler R:** Die Beeinflussung der Thrombozyten funktion durch Dipyridamol (Curantyl. Dtsch Gesundheitsw 27:2175-8, 16 Nov 72 (Ger)
*BLOOD PLATELETS, drug effects/ *DIPYRIDAMOLE, pharmacodynamics/ HUMAN/ PLATELET ADHESIVENESS, drug effects/ THROMBOEMBOLISM, prevention & control

7512. **Stirewalt MA, Austin BE:** Collection of secreted protease from the preacetabular glands of cercariae of Schistosoma mansoni. J Parasitol 59:741-3, Aug 73
ANIMAL EXPERIMENTS/ BIOMPHALARIA/ GELATIN/ LIPIDS/ METHODS/ PEPTIDE HYDROLASES, metabolism/ *PEPTIDE HYDROLASES, secretion/ SCHISTOSOMA MANSONI, anatomy & histology/ *SCHISTOSOMA MANSONI, enzymology/ TEMPERATURE

7513. **Stivala SS, Yadlowsky S, Yuan L:** Kinetics of the acid hydrolysis of heparin from its Cu(II) complex and its

relation to biological activity.
Biopolymers 12:947-59, May 73
BLOOD COAGULATION, drug effects/ *COPPER/ *HEPARIN/ HEPARIN, pharmacodynamics/ HYDROLYSIS/ KINETICS/ MATHEMATICS/ TEMPERATURE/ TIME FACTORS

7514. **Stiver G, Sharrar R, Kendrick M, et al:** Bacterial risk in staging splenectomy. Ann Intern Med 76:670, Apr 72
ADULT/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *HODGKIN'S DISEASE, diagnosis/ HUMAN/ MALE/ *PNEUMOCOCCAL INFECTIONS, etiology/ *SPLENECTOMY, adverse effects

7515. **Stock E:** Prophylactic total coronary care.
Am Heart J 85:814-30, Jun 73
ARRHYTHMIA, prevention & control/ ATROPINE, therapeutic use/ DIET THERAPY/ DIGOXIN, therapeutic use/ ELECTROCARDIOGRAPHY/ FEMALE/ FUROSEMIDE, therapeutic use/ HEART BLOCK, prevention & control/ HEART FAILURE, CONGESTIVE, prevention & control/ HEPARIN, therapeutic use/ HOSPITALIZATION/ HUMAN/ HYPOTENSION, prevention & control/ MALE/ MIDDLE AGE/ MONITORING SYSTEMS/ MYOCARDIAL INFARCT, complications/ MYOCARDIAL INFARCT, mortality/ *MYOCARDIAL INFARCT, prevention & control/ MYOCARDIAL INFARCT, rehabilitation/ MYOCARDIAL INFARCT, therapy/ OXYGEN INHALATION THERAPY/ *PROGRESSIVE PATIENT CARE/ SHOCK, CARDIOGENIC, prevention & control

7516. **Stock SL:** Prophylaxis of thromboembolism.
N Engl J Med 289:218, 26 Jul 73
*HEPARIN, administration & dosage/ HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOEMBOLISM, prevention & control

7517. **Stoddart RW, Kernan JA:** Aprotinin, a carbohydrate-binding protein.
Histochemie 34:275-80, 26 Mar 73
CARRIER PROTEINS/ CHYMOTRYPSIN, antagonists & inhibitors/ CYANOGEN BROMIDE/ DNA/ FLUORESCEINS/ GEL FILTRATION/ GLYCOPROTEINS/ ISOELECTRIC FOCUSING/ *KALLIKREIN-TRYPSIN INACTIVATOR/ MUCOPOLYSACCHARIDES/ POLYSACCHARIDES/ PROTEIN BINDING/ RNA/ THIOCYANATES

7518. **Stoichiţă-Papilian M:** Trombogeneza. Rolul trombocitelor, al coagulării şi al fibrinolizei în tromboză.
Stud Cercet Med Interna 13:219-35, 1972 (Rum)
ARTERIOSCLEROSIS, complications/ *BLOOD COAGULATION/ *BLOOD COAGULATION DISORDERS, complications/ *BLOOD PLATELET DISORDERS, complications/ *BLOOD PLATELETS, physiology/ *FIBRINOLYSIS/ HUMAN/ PLATELET ADHESIVENESS/ THROMBOEMBOLISM, etiology/ *THROMBOSIS, etiology

7519. **Stojanović S, Resanović D:** Hemangioma paranazalnik šupljina.
Med Pregl 25:299-301, 1972 (Ser)
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, pathology/ HEMANGIOMA, radiography/ HUMAN/ MALE/ *PARANASAL SINUS NEOPLASMS, pathology/ PARANASAL SINUS NEOPLASMS, radiography

7520. **Stokinger HE, Scheel LD:** Hypersusceptibility and genetic problems in occupational medicine--a consensus report. J Occup Med 15:564-73, Jul 73
ANEMIA, SICKLE CELL, diagnosis/ CARBON DISULFIDE/ CYANATES/ DRUG HYPERSENSITIVITY, diagnosis/ *DRUG HYPERSENSITIVITY, familial & genetic/ ENVIRONMENTAL EXPOSURE/ GENOTYPE/ GLUCOSEPHOSPHATE DEHY- DROGENASE DEFICIENCY, diagnosis/ HUMAN/ HYPERSENSITIVITY, diagnosis/ *HYPERSENSITIVITY, familial & genetic/ *INDUSTRIAL MEDICINE/ LATEX FIXATION TESTS/ LUNG DISEASES, OBSTRUCTIVE, etiology/ *METABOLISM, INBORN ERRORS, complications/ METABOLISM, INBORN ERRORS, diagnosis/ METABOLISM, INBORN ERRORS, enzymology/ METABOLISM, INBORN ERRORS, familial & genetic/ PEPTIDE HYDROLASES/ PHENOTYPE/ SERODIAGNOSIS/ TRYPSIN INHIBITORS, blood

7521. **Stolinsky DC, Bogdon DL, Solomon J, et al:** Hexamethylmelamine (NSC-13875) alone and in combination with 5-(3, 3-dimethyl-1-triazeno) imidazole-4-carboxamide (NSC-45388) in the treatment of advanced cancer. Cancer 30:654-9, Sep 72
ADMINISTRATION, ORAL/ AMIDES, adverse effects/ AMIDES, therapeutic use/ ANTINEOPLASTIC AGENTS, adverse effects/ *ANTINEOPLASTIC AGENTS, therapeutic use/ CARCINOMA, EPIDERMOID, drug therapy/ CERVIX NEOPLASMS, drug therapy/ CHEMOSTERILANTS, adverse effects/ CHEMOSTERILANTS, therapeutic use/ DIMETHYLAMINES, adverse effects/ DIMETHYLAMINES, therapeutic use/ FEMALE/ HUMAN/ IMIDAZOLES, adverse effects/ *IMIDAZOLES, therapeutic use/ LEUKOPENIA, chemically induced/ LUNG NEOPLASMS, drug therapy/ MALE/ MELANOMA, drug therapy/ NAUSEA, chemically induced/ *NEOPLASMS, drug therapy/ NEUROLOGIC MANIFESTATIONS/ THROMBOPENIA, chemically induced/ TRIAZENES, adverse effects/ *TRIAZENES, therapeutic use/ TRIAZINES, adverse effects/ *TRIAZINES, therapeutic use/ VOMITING, chemically induced

7522. **Stoll C, Sacrez R, Willard D, et al:** Un cas de trisomie 18 avec aplasie bilatérale du radius et thrombopénie.
Pediatrie 27:537-42, Jul-Aug 72 (Fre)
CASE REPORT/ *CHROMOSOME ABNORMALITIES/ *CHROMOSOMES, HUMAN, 16-18/ FEMALE/ HUMAN/ INFANT, NEWBORN/ *PANCREAS, abnormalities/ *RADIUS, abnormalities/ *THROMBOPENIA, familial & genetic/ *TRISOMY

7523. **Stolley PD:** The primary prevention of atherosclerotic disease: a report of the Inter-Society Commission for Heart Disease Resources.
Ann Intern Med 76:661-3, Apr 72
ARTERIOSCLEROSIS, etiology/ *ARTERIOSCLEROSIS, prevention & control/ DIET, ATHEROGENIC/ HUMAN/ HYPERTENSION, complications/ SMOKING, complications/ STRESS, PSYCHOLOGICAL

7524. **Stölten C:** Om behandling med dikumarol (APr.
Tidskr Sver Sjukskot 40:44-5, 22 Feb 73 (Swe)
BISHYDROXYCOUMARIN, therapeutic use/ BLOOD COAGULATION TESTS/ EMBOLISM, prevention & control/ SPECIAL LIST NURSING/ THROMBOSIS, prevention & control

7525. **Stoltz JF, Alexandre P, Nicolas A, et al:** Pression de Filtration et Agrégation des Plaquettes à l'AD.
Biut 25:274-6, Oct 72 (Fre)
*ADENOSINE DIPHOSPHATE, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ *FILTRATION/ FILTRATION, instrumentation/ METHODS/ MICROPORE FILTERS/ *PLATELET ADHESIVENESS/ PRESSURE

7526. **Stoltz JF, Larcan A, Genetet B, et al:** Action de deux antibiotiques antimitotiques (mitomycine et bléomycine) sur la charge électrocinétique des éléments figurés humains.
C R Soc Biol (Paris) 166:177-9, 1972 (Fre)
*ANTIBIOTICS, ANTINEOPLASTIC, pharmacodynamics/ BLEOMYCIN, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ CELL MEMBRANE,

drug effects/ ELECTROPHORESIS/ *ERYTHROCYTES, drug effects/ HUMAN/ *LYMPHOCYTES, drug effects/ METHODS/ *MITOMYCIN, pharmacodynamics

7527. **Stoltz JF, Prost-Dvojakovic RJ, Streiff F, et al:** Influence d'acides gas saturés et non saturés sur la pression de filtration de plasma riche en plaquettes. Correlation avec l'agrégation plaquettaire.
Acta Haematol (Basel) 49:306-13, 1973 (Fre)
*BLOOD PLATELETS, drug effects/ ENGLISH ABSTRACT/ *FATTY ACIDS, pharmacodynamics/ *FATTY ACIDS, UNSATURATED, pharmacodynamics/ FILTRATION/ HUMAN/ METHODS/ PHOTOMETRY/ *PLATELET ADHESIVENESS, drug effects

7528. **Stoltz M, Furthmayr H, Timpl R:** Increased lysine hydroxylation in rat bone and tendon collagen and localization of the additional residues.
Biochim Biophys Acta 310:461-8, 15 Jun 73
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ *BONE AND BONES, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ *COLLAGEN, analysis/ COLLAGEN, isolation & purification/ CYANOGEN BROMIDE/ GEL FILTRATION/ GUANIDINES/ *HYDROXYLYSINE, analysis/ MACROMOLECULAR SYSTEMS/ MALE/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PROTEIN CONFORMATION/ RATS/ *SKIN, analysis/ *TENDONS, analysis/ UREA

7529. **Stoltzner G, Dzoga K, Wissler RW:** Electron microscopy of ferritin-labeled platelet-specific antibody.
Lab Invest 27:357-65, Oct 72
ANTIBODIES, isolation & purification/ *ANTIGEN-ANTIBODY COMPLEX, isolation & purification/ BLOOD PLATELETS, cytology/ *BLOOD PLATELETS, immunology/ CELL MEMBRANE, immunology/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ERYTHROCYTES, cytology/ ERYTHROCYTES, immunology/ EVALUATION STUDIES/ *FERRITIN/ HEMAGGLUTINATION TESTS/ HORSES, immunology/ HUMAN/ IGG, isolation & purification/ IMMUNOELECTROPHORESIS/ IMMUNOLOGIC TECHNICS/ LEUKOCYTES, cytology/ LEUKOCYTES, immunology/ METHODS/ MICROSCOPY, ELECTRON/ RABBITS, immunology

7530. **Stolz M, Timpl R, Kühn K:** Non-helical regions in rat collagen 1-chain.
FEBS Lett 26:61-5, 1 Oct 72
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ *COLLAGEN/ COLLAGEN, analysis/ COLLAGEN, isolation & purification/ CYANOGEN BROMIDE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ GUANIDINES/ MALE/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ RATS/ SKIN, analysis/ SODIUM DODECYL SULFATE/ TAIL, analysis/ TENDONS, analysis/ TRYPSIN/ UREA

7531. **Stone HH:** Pancreatic and duodenal trauma in children.
J Pediatr Surg 7:670-5, Dec 72
ACCIDENTS, TRAFFIC/ ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ CHOLANGIOGRAPHY/ DRAINAGE/ *DUODENUM, injuries/ DUODENUM, surgery/ FEMALE/ GASTROSTOMY/ HEMATOMA, surgery/ HUMAN/ INFANT/ JEJUNUM, surgery/ MALE/ METHODS/ *PANCREAS, injuries/ PANCREAS, surgery/ PANCREATECTOMY/ PANCREATIC CYST, surgery/ POSTOPERATIVE COMPLICATIONS/ PREOPERATIVE CARE/ SPLENECTOMY/ WOUNDS, GUNSHOT, surgery

7532. **Stonogin VD, Makarova KA:** O gemangioperitsitomakh legkogo. Grudn Khir 14:78-81, Sep-Oct 72 (Rus)
FEMALE/ *HEMANGIOPERICYTOMA, radiography/ HEMANGIOPERICYTOMA, surgery/ HUMAN/ LUNG NEOPLASMS, surgery/ *LUNG NEOPLASMS, surgery/ MALE/ MIDDLE AGE/ PNEUMONECTOMY

7533. **Stopford CR, MacQueen JM, Amos DB, et al:** Some variations in lymphocyte freezing methods which do not affect cell viability.
Tissue Antigens 2:20-6, 1972
*BLOOD PRESERVATION, instrumentation/ FREEZING/ HUMAN/ *LYMPHOCYTES/ METHODS

7534. **Stoppelli I:** Pathogenese und therapie der Gestosen.
Munch Med Wochenschr 114:1190-6, 23 Jun 72 (Ger)
ANTIBODY FORMATION/ ANTIGEN-ANTIBODY REACTIONS/ BIOPSY/ BLOOD COAGULATION/ CAPILLARIES, pathology/ CONJUNCTIVA, pathology/ ENGLISH ABSTRACT/ FEMALE/ FINGERS, pathology/ FLUORESCENT ANTIBODY TECHNIC/ GESTATIONAL AGE/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ NECROSIS/ OMENTUM, pathology/ PARITY/ PREGNANCY/ PREGNANCY TOXEMIAS, drug therapy/ *PREGNANCY TOXEMIAS, etiology/ PREGNANCY TOXEMIAS, immunology

7535. **Storb R, Kolb HJ, Graham TC, et al:** The effect of buffy coat-poor blood transfusion on subsequent hemopoietic grafts.
Transplantation 15:129-36, Jan 73
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD PLATELETS, immunology/ *BLOOD TRANSFUSION/ BONE MARROW CELLS, radiation effects/ *BONE MARROW CELLS, transplantation/ COBALT ISOTOPES/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ DOGS/ ERYTHROCYTES, immunology/ *GRAFT REJECTION/ GRAFT REJECTION, drug effects/ GRAFT VS HOST REACTION/ HEMATOPOIETIC STEM CELLS, transplantation/ HISTOCOMPATIBILITY TESTING/ IMMUNOSUPPRESSION/ LEUKOCYTES, immunology/ LYMPHOCYTES, immunology/ METHOTREXATE, administration & dosage/ METHOTREXATE, pharmacodynamics/ RADIATION EFFECTS/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS

7536. **Storb R, Rudolph RH, Kolb HJ, et al:** Marrow grafts between DL-A-matched canine littermates.
Transplantation 15:92-100, Jan 73
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, immunology/ BONE MARROW CELLS, immunology/ BONE MARROW CELLS, radiation effects/ *BONE MARROW CELLS, transplantation/ CHROMOSOMES/ COBALT ISOTOPES/ DOGS/ HEMATOPOIETIC STEM CELLS, immunology/ *HISTOCOMPATIBILITY ANTIGENS/ HOMOLOGOUS WASTING DISEASE, drug therapy/ HOMOLOGOUS WASTING DISEASE, immunology/ HOMOLOGOUS WASTING DISEASE, prevention & control/ IMMUNOSUPPRESSION/ LEUKOCYTE COUNT/ LEUKOCYTE CULTURE TEST, MIXED/ LEUKOCYTES, immunology/ LEUKOCYTES, transplantation/ LYMPHOCYTES, immunology/ METHOTREXATE, therapeutic use/ RADIATION EFFECTS/ THYMIDINE, metabolism/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY/ TRITIUM

7537. **Storch H, Tauchnitz C, Mehner E, et al:** Au(SH)-Antigen und -Antikörper bei hämatologischen Erkrankungen.
Dtsch Z Verdau Stoffwechselkr 32:93-5, 1972 (Ger)
ANEMIA, immunology/ *ANTIBODIES, analysis/ *AUSTRALIA ANTIGEN, analysis/ BONE MARROW DISEASES, immunology/ *HEMATOLOGIC DISEASES, immunology/ HEMOPHILIA, immunology/ HUMAN/ IMMUNOELECTROPHORESIS/ LEUKEMIA, immunology/ LYMPHOMA, immunology/ PLASMACYTOMA, immunology/ POLYCYTHEMIA VERA, immunology

7538. **Storch W:** Immunfluoreszenz in der Inneren Medizin.

Z Gesamte Inn Med 27:1061-7, 15 Dec 72 (200 ref.) (Ger)
ADRENAL GLAND HYPOFUNCTION, immunology/ ANEMIA, PERNICIOUS, immunology/ ANTIBODIES, analysis/ AUTOANTIBODIES, analysis/ *AUTOIMMUNE DISEASES, immunology/ CHRONIC DISEASE/ COLITIS, ULCERATIVE, immunology/ ENGLISH ABSTRACT/ *FLUORESCENT ANTIBODY TECHNIC/ GASTRITIS, immunology/ HEMATOLOGIC DISEASES, immunology/ HUMAN/ HYPOPARATHYROIDISM, immunology/ KIDNEY DISEASES, immunology/ LIVER DISEASES, immunology/ LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ MYASTHENIA GRAVIS, immunology/ PURPURA, THROMBOPENIC, immunology/ REVIEW/ RHEUMATISM, immunology/ THROMBOANGIITIS OBLITERANS, immunology/ THYROIDITIS, LYMPHOMATOUS, immunology

7539. **Storino WD, Engel GH:** Multiple capillary hemangiomatosis. Acquired case with adult onset.
Arch Dermatol 107:739-40, May 73
ADULT/ BIOPSY/ CAPILLARIES, pathology/ CASE REPORT/ FEMALE/ *HEMANGIOMA/ HEMANGIOMA, pathology/ HUMAN/ *INTESTINAL NEOPLASMS/ INTESTINAL NEOPLASMS, pathology/ JEJUNUM, pathology/ *NEOPLASMS, MULTIPLE PRIMARY/ NEOPLASMS, MULTIPLE PRIMARY, pathology/ *SKIN NEOPLASMS/ SKIN NEOPLASMS, pathology

7540. **Stork W:** Erfahrungen mit Ambene in der gynäkologischen Praxis.
Munch Med Wochenschr 114:989-91, 19 May 72 (Ger)
ADHESIONS, drug therapy/ ADNEXITIS, drug therapy/ ADOLESCENCE/ ADULT/ ALUMINUM, therapeutic use/ *DEXAMETHASONE, therapeutic use/ DRUG COMBINATIONS/ FEMALE/ GLYCINE, therapeutic use/ *GYNECOLOGIC DISEASES, drug therapy/ HUMAN/ MIDDLE AGE/ PAIN, drug therapy/ *PHENYLBUTAZONE, therapeutic use/ THIAMINE, therapeutic use/ UTERINE DISEASES, drug therapy/ *VITAMIN B COMPLEX, therapeutic use/ VITAMIN B 12, therapeutic use

7541. **Storms WW:** Chloroform parties.
JAMA 225:160, 9 Jul 73
ADULT/ ANOXIA, chemically induced/ *CHLOROFORM/ CHLOROFORM, administration & dosage/ CHLOROFORM, adverse effects/ CHLOROFORM, poisoning/ *DRUG ABUSE/ HEPATIC COMA, chemically induced/ HUMAN/ KIDNEY, drug effects/ LIVER, drug effects/ LIVER FUNCTION TESTS/ MALE/ PROTHROMBIN TIME/ TIME FACTORS

7542. **Storti E, Ascari E, Magrini U:** L'activité fibrinolytique dans la synoviale hémophilique. Recherches histochimiques.
Schweiz Med Wochenschr 102:1614-5, 4 Nov 72 (Fre)
ANTIFIBRINOLYTIC AGENTS, therapeutic use/ ENGLISH ABSTRACT/ *FIBRINOLYSIS/ HEMARTHROSIS, drug therapy/ *HEMARTHROSIS, etiology/ HEMARTHROSIS, surgery/ *HEMOPHILIA, complications/ HEMOSTASIS/ HISTOCYTOCHEMISTRY/ HUMAN/ KNEE, surgery/ MALE/ POSTOPERATIVE COMPLICATIONS/ RECURRENCE/ *SYNOVIAL MEMBRANE, analysis

7543. **Storti E, Magrini U, Castello A, et al:** The histochemistry of fibrinolysis in haemophilic synovial membranes. Acta Haematol (Basel) 49:142-53, 1973
ADOLESCENCE/ ADULT/ CHILD/ CHRISTMAS DISEASE, physiopathology/ ENZYME ACTIVATION/ *FIBRINOLYSIS/ *HEMOPHILIA, blood/ HEMOPHILIA, complications/ HEMOPHILIA, enzymology/ HEMOPHILIA, physiopathology/ HUMAN/ INFANT, NEWBORN/ *JOINT DISEASES, blood/ JOINT DISEASES, etiology/ JOINT DISEASES, pathology/ PLASMINOGEN, analysis/ *SYNOVIAL MEMBRANE, pathology

7544. **Strączkowski W:** Aktywność kininaz osoczowych u chorych na miażdżycę.
Kardiol Pol 15:313-8, 1972 (Pol)
AGED/ ARTERIOSCLEROSIS, blood/ *ARTERIOSCLEROSIS, enzymology/ *CARBOXYPEPTIDASES, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PEPTIDE PEPTIDOHYDROLASES, blood

7545. **Strade HA:** To the editors: corticosteroids and heparin.
J Reprod Med 10:11, Jan 73
*GLUCOCORTICOIDS, standards/ GLUCOCORTICOIDS, toxicity/ *HEPARIN, standards/ HEPARIN, toxicity/ HUMAN/ LUNG DISEASES, drug therapy/ PULMONARY EDEMA, drug therapy/ SHOCK, complications/ SHOCK, drug therapy

7546. **Strates BS, Urist MR:** Collagenase and proteinase induction in implants of bone matrix.
Biochem Biophys Res Commun 49:752-7, 1 Nov 72
*BONE AND BONES, enzymology/ BONE AND BONES, growth & development/ BONE AND BONES, metabolism/ BONE AND BONES, radiography/ BONE AND BONES, transplantation/ CALCIFICATION, PHYSIOLOGIC/ *CLOSTRIDIOPEPTIDASE A, biosynthesis/ ENZYME INDUCTION/ FEMUR, transplantation/ KINETICS/ MUSCLES, radiography/ *PEPTIDE HYDROLASES, biosynthesis/ PROTEINS, biosynthesis/ SPECTROPHOTOMETRY, ATOMIC ABSORPTION/ TIBIA, transplantation/ TRANSPLANTATION, HOMOLOGOUS

7547. **Straub PW:** Therapeutische Fibrinolyse.
Schweiz Med Wochenschr 103:753-7, 19 May 73 (Ger)
ACUTE DISEASE/ ANTICOAGULANTS, pharmacodynamics/ ANTICOAGULANTS, therapeutic use/ COUMARINS, therapeutic use/ ENGLISH ABSTRACT/ *FIBRINOLYSIS, drug effects/ *FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ MYOCARDIAL INFARCT, drug therapy/ PULMONARY EMBOLISM, drug therapy/ STREPTOKINASE, therapeutic use/ THROMBOEMBOLISM, drug therapy/ THROMBOPHLEBITIS, drug therapy/ *VASCULAR DISEASES, drug therapy

7548. **Straube G:** Zur Therapie der venösen Stauungen.
Med Welt 23:1227-9, 2 Sep 72 (Ger)
ADULT/ *AESCULUS, therapeutic use/ AGED/ CLINICAL RESEARCH/ HUMAN/ MALE/ MIDDLE AGE/ *RUTIN, therapeutic use/ *VARICOSE VEINS, drug therapy

7549. **Straus DJ:** Hematologic aspects oa alcoholism.
Semin Hematol 10:183-94, Jul 73 (85 ref.)
*ALCOHOL, ETHYL, pharmacodynamics/ *ALCOHOLISM, blood/ ANEMIA, HEMOLYTIC, ACQUIRED, chemically induced/ ANEMIA, MACROCYTIC, complications/ ANEMIA, SIDEROBLASTIC, chemically induced/ BLOOD PLATELET DISORDERS, chemically induced/ ERYTHROPOIESIS, drug effects/ FEMALE/ FOLIC ACID, antagonists & inhibitors/ FOLIC ACID, metabolism/ FOLIC ACID, therapeutic use/ FOLIC ACID DEFICIENCY, chemically induced/ *HEMATOPOIETIC SYSTEM, drug effects/ HEMOCHROMATOSIS, chemically induced/ HUMAN/ IRON, metabolism/ LEUKOPENIA, chemically induced/ LIVER CIRRHOSIS, chemically induced/ LIVER CIRRHOSIS, complications/ MALE/ REVIEW/ THROMBOPENIA, chemically induced

7550. **Strauss HS:** Diagnosis and treatment of inherited bleeding disorders.
Pediatr Clin North Am 19:1009-28, Nov 72 (79 ref.)
ANTIBODY FORMATION/ BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION DISORDERS, familial & genetic/ BLOOD COAGULATION DISORDERS, therapy/ BLOOD COAGULATION

FACTORS/ BLOOD COAGULATION FACTORS, therapeutic use/ BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ ERYTHROCYTES/ FACTOR V DEFICIENCY, diagnosis/ FACTOR XI DEFICIENCY, diagnosis/ HEMOPHILIA, diagnosis/ HEMOPHILIA, therapy/ HEMORRHAGE, drug therapy/ HEMORRHAGE, prevention & control/ HUMAN/ MEDICAL HISTORY TAKING/ PHYSICAL EXAMINATION/ PLASMA/ PROTHROMBIN TIME/ REVIEW/ SURGERY, OPERATIVE/ VON WILLEBRAND'S DISEASE, diagnosis

7551. **Strauss J:** Behandlung von traumatisch bedingten Weichteilschwellungen mit Eumotol.
Med Welt 24:542-3, 6 Apr 73 (Ger)
ADOLESCENCE/ ADULT/ AGED/ *ANTI-INFLAMMATORY AGENTS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ *CONTUSIONS, drug therapy/ FEMALE/ *HEMATOMA, drug therapy/ HEMATOMA, etiology/ HUMAN/ INFANT/ MALE/ MALONATES, therapeutic use/ MIDDLE AGE/ *PHENYLHYDRAZINE, therapeutic use/ POSTOPERATIVE COMPLICATIONS, drug therapy/ WOUNDS AND INJURIES, complications/ *WOUNDS AND INJURIES, drug therapy

7552. **Strawczynski H, Stachewitsch A, Morgenstern G, et al:** Delivery of care to hemophilic children: home care versus hospitalization. Pediatrics 51:986-91, Jun 73
ADOLESCENCE/ ANALGESICS AND ANTIPYRETICS, therapeutic use/ CANADA/ CHILD/ *CHILD, HOSPITALIZED/ CHILD, PRESCHOOL/ COLD/ COLD, therapeutic use/ COSTS AND COST ANALYSIS/ DELIVERY OF HEALTH CARE/ ECONOMICS, MEDICAL/ FACTOR VIII, therapeutic use/ FACTOR IX, therapeutic use/ FOLLOW-UP STUDIES/ HEMARTHROSIS, therapy/ *HEMOPHILIA, therapy/ HEMORRHAGE, therapy/ *HOME CARE SERVICES/ HUMAN/ IMMOBILIZATION/ NURSE PRACTITIONER/ PEDIATRIC NURSING/ PHYSICAL THERAPY/ PRECIPITATION

7553. **Strelis AK:** Metodika nalozheniia i primeneniia mikrotrakheostomy v lechenii bol'nykh tuberkulezom bronkhov.
Vrach Delo 7:88-90, Jul 72 (Rus)
ADOLESCENCE/ ADULT/ ANTIBIOTICS, administration & dosage/ ANTIBIOTICS, therapeutic use/ *ANTITUBERCULAR AGENTS, administration & dosage/ ANTITUBERCULAR AGENTS, therapeutic use/ *BRONCHIAL DISEASES, drug therapy/ BRONCHIAL DISEASES, surgery/ CATHETERIZATION/ CHYMOTRYPSIN, administration & dosage/ CHYMOTRYPSIN, therapeutic use/ CORTISONE, administration & dosage/ CORTISONE, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ TRACHEOTOMY/ *TUBERCULOSIS, PULMONARY, drug therapy/ TUBERCULOSIS, PULMONARY, surgery

7554. **Strel'nikov BE, Vozniuk AA:** Travmaticheskie povrezhdeniia podzheludochnoi zhelezy.
Khirurgiia (Mosk) 49:45-7, Feb 72 (Rus)
ADHESIONS/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ *PANCREAS, injuries/ PANCREATIC CYST, surgery/ PANCREATIC DISEASES, surgery/ PANCREATITIS, therapy/ POSTOPERATIVE COMPLICATIONS

7555. **Stremmel W:** Stressinduzierte Stoffwechselveränderungen und gesteigerte Thrombozyten-Aggregation nach Operationen und Traumen.
Munch Med Wochenschr 115:416-21, 9 Mar 73 (Ger)
ADULT/ AGED/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ FATTY ACIDS, metabolism/ FEMALE/ GLUCOSE, metabolism/ GLYCOGEN, blood/ HUMAN/ INSULIN, secretion/ MALE/ MIDDLE AGE/ *PLATELET ADHESIVENESS/ *POSTOPERATIVE COMPLICATIONS, blood/ STRESS, blood/ *STRESS, metabolism/ THROMBOEMBOLISM, etiology/ *WOUNDS AND INJURIES, blood

7556. **Stremmel W:** Die Bedeutung des Blutglykogens nach stressinduzierten Stoffwechselstörungen.
Bruns Beitr Klin Chir 220:297-305, May 73 (Ger)
ADULT/ AGED/ CELL AGGREGATION/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ *GLYCOGEN, blood/ GLYCOGEN, physiology/ HUMAN/ MALE/ *METABOLIC DISEASES, blood/ METABOLIC DISEASES, etiology/ MIDDLE AGE/ PLATELET ADHESIVENESS/ POSTOPERATIVE COMPLICATIONS, etiology/ *STRESS, complications/ SURGERY, OPERATIVE, adverse effects/ THROMBOSIS, etiology/ WOUNDS AND INJURIES, complications

7557. **Strey W:** Die Therapie des Herzinfarktes.
Dtsch Krankenpflegez 25:584-8, Nov 72 (Ger)
ANTICOAGULANTS, therapeutic use/ CARDIAC GLYCOSIDES, therapeutic use/ FIBRINOLYTIC AGENTS, therapeutic use/ MYOCARDIAL INFARCT, therapy/ SHOCK, CARDIOGENIC, therapy/ SPECIAL LIST NURSING

7558. **Strid L:** Separation of peptides according to charge by gel filtration in the presence of ionized detergents.
FEBS Lett 33:192-6, 1 Jul 73
AMINES/ AMINO ACIDS, isolation & purification/ CARBONIC ANHYDRASE, analysis/ FATTY ACIDS, NONESTERIFIED/ GEL FILTRATION/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *PEPTIDES, isolation & purification/ TRYPSIN

7559. **Strong JP, Eggen DA, Oalmann MC, et al:** Pathology and epidemiology of atherosclerosis.
J Am Diet Assoc 62:262-8, Mar 73 (14 ref.)
ADOLESCENCE/ ADULT/ AGED/ AORTIC DISEASES, occurrence/ *ARTERIOSCLEROSIS/ ARTERIOSCLEROSIS, occurrence/ ARTERIOSCLEROSIS, pathology/ ARTERIOSCLEROSIS, prevention & control/ AUTOPSY/ CHILD/ CHILD, PRESCHOOL/ CHOLESTEROL, blood/ *CORONARY DISEASE/ CORONARY DISEASE, etiology/ CORONARY DISEASE, occurrence/ DIETARY FATS/ ETHNIC GROUPS/ FATTY STREAK, ARTERIAL, occurrence/ FEMALE/ HUMAN/ INFANT/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, etiology/ RACIAL STOCKS/ REVIEW

7560. **Strosberg AD, Fraser KJ, Margolies MN, et al:** Amino acid sequence of rabbit pneumococcal antibody. I. Light-chain cysteine-containing peptides.
Biochemistry 11:4978-85, 19 Dec 72
AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ *ANTIBODIES, BACTERIAL, analysis/ ANTIBODY FORMATION/ BACTERIAL VACCINES/ CHROMATOGRAPHY, ION EXCHANGE/ *CYSTEINE, analysis/ *DIPLOCOCCUS PNEUMONIAE/ DISULFIDES, analysis/ ELECTROPHORESIS, DISK/ FILTRATION/ GAMMA GLOBULIN, analysis/ HUMAN/ HYDROLYSIS/ *IMMUNOGLOBULIN FRAGMENTS, analysis/ IMMUNOGLOBULIN FRAGMENTS, isolation & purification/ IMMUNOGLOBULINS/ IMMUNOGLOBULINS, isolation & purification/ ISOANTIGENS/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ RABBITS, immunology/ SPECIES SPECIFICITY/ THIOCYANATES/ TRYPSIN

7561. **Strötges MW:** Nuklearmedizinische Tumordiagnostik.
Nucl Med (Stuttg) 9:21-34, 1971 (74 ref.) (Ger)
BRAIN NEOPLASMS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ FIBRINOGEN, diagnostic use/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ ISOTOPE LABELING/ KIDNEY NEOPLASMS, diagnosis/ LIVER NEOPLASMS, diagnosis/ *NEOPLASMS, diagnosis/ *NUCLEAR MEDICINE/ RADIOISOTOPE SCANNING/ RADIOISOTOPES, diagnostic use/ REVIEW/ THYROID NEOPLASMS, diagnosis

7562. **Stroud RM, Kay LM, Dickerson RE:** The crystal and molecular structure of DIP-inhibited bovine trypsin at2.7Angstrom resolution.
Cold Spring Harbor Symp Quant Biol 36:125-40, 1971
AMINO ACID SEQUENCE/ BINDING SITES/ CALCIUM/ CATTLE/ CHYMOTRYPSIN/ ENZYME ACTIVATION/ EVOLUTION/ *ISOFLUROPHATE/ MODELS, STRUCTURAL/ PANCREAS/ PANCREATOPEPTIDASE/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SPECIES SPECIFICITY/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TRYPSIN, antagonists & inhibitors/ *TRYPSIN INHIBITORS/ TRYPSINOGEN/ X-RAY DIFFRACTION

7563. **Strous GJ, Berns TJ, Westreenen H van, et al:** Synthesis of lens protein in vitro. Role of methionyl-tRNAs in the synthesis of calf-lens -crystallin.
Eur J Biochem 30:48-52, 17 Oct 72
ACETYLATION/ ANIMAL EXPERIMENTS/ CARBOXYPEPTIDASES/ CATTLE/ CELL-FREE SYSTEM/ CRYSTALLINS, analysis/ *CRYSTALLINS, biosynthesis/ ELECTROPHORESIS, PAPER/ LENS, CRYSTALLINE/ *METHIONINE, metabolism/ PEPTIDE CHAIN ELONGATION/ PEPTIDE CHAIN INITIATION/ PRONASE/ RETICULOCYTES, metabolism/ RNA, MESSENGER, metabolism/ RNA, TRANSFER, isolation & purification/ *RNA, TRANSFER, metabolism/ *SUBCELLULAR FRACTIONS, metabolism/ SULFUR ISOTOPES/ TRANSLATION, GENETIC/ TRYPSIN

7564. **Struijk CB, Houtsmuller UM, Jansen H, et al:** Increase in postheparin lipoprotein lipase activity in rat plasma by dietary erucic acid.
Biochim Biophys Acta 296:253-6, 19 Jan 73
ANIMAL EXPERIMENTS/ ANIMAL NUTRITION/ *DIETARY FATS/ *FATTY ACIDS, UNSATURATED, pharmacodynamics/ HEPARIN, blood/ HEPARIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ ISOMERISM/ *LIPOPROTEIN LIPASE, blood/ MALE/ OILS, pharmacodynamics/ RATS/ SEEDS/ TEMPERATURE/ TIME FACTORS

7565. **Strumza MV:** Emostasi ed ipossia ipossica.
Minerva Med 63:391-7, 1972 **(Ita)**
*ANOXEMIA, complications/ *ANOXIA, complications/ AVIATION MEDICINE/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION DISORDERS, physiopathology/ FIBRINOLYSIS/ *HEMOSTASIS/ HUMAN/ OXYGEN, blood/ PLATELET ADHESIVENESS/ THROMBELASTOGRAPHY/ THROMBOPLASTIN, analysis

7566. **Strumza MV, Hainaut J, Strumza-Poutonnet JM:** Influence de la pression du CO 2 et du pH du sang artériel sur les variations hypoxiques de la coagulabilité plasmatique.
C R Soc Biol (Paris) 166:787-90, 1972 **(Fre)**
ANIMAL EXPERIMENTS/ *ANOXEMIA, physiopathology/ *BLOOD COAGULATION/ BLOOD COAGULATION DISORDERS, physiopathology/ *CARBON DIOXIDE, blood/ DOGS/ *HYDROGEN-ION CONCENTRATION/ MALE/ PARTIAL PRESSURE/ THROMBELASTOGRAPHY

7567. **Strumza MV, Hainaut J, Strumza-Poutonnet JM:** Mécanisme déclenchant l'hypercoagulabilité sanguine dans l'hypoxie sévère.
C R Soc Biol (Paris) 165:1861-3, 1971 **(Fre)**
ADRENAL MEDULLA, secretion/ ADRENERGIC ALPHA RECEPTOR BLOCKADERS, pharmacodynamics/ *ANOXIA, blood/ ANOXIA, complications/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION DISORDERS, physiopathology/ BLOOD PLATELET DISORDERS, etiology/ CEPHALINS, blood/ *EPINEPHRINE, pharmacodynamics/ EPINEPHRINE, secretion/ INJECTIONS, INTRAVENOUS/ OXYGEN, blood/ PARTIAL PRESSURE/ PHENTOLAMINE, pharmacodynamics/ SPLEEN, physiopathology/ THROMBELASTOGRAPHY/ TIME FACTORS

7568. **Strydom DJ:** Protease inhibitors as snake venom toxins. Nature [New Biol] 243:88-9, 16 May 73
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ MICE/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *SNAKES/ TRYPSIN INHIBITORS/ VENOMS, analysis/ *VENOMS, pharmacodynamics

7569. **Stryhal F:** Konzervativní léčba ortopedických komplikací u hemofiliků.
Acta Chir Orthop Traumatol Cech 40:131-5, Apr 73 **(Cze)**
BANDAGES/ CASTS, SURGICAL/ ENGLISH ABSTRACT/ *HEMOPHILIA, complications/ HUMAN/ JOINT DISEASES, etiology/ JOINT DISEASES, therapy/ MALE/ METHODS

7570. **Stuard ID, Heusinkveld RS, Moss AJ:** Microangiopathic hemolytic anemia and thrombocytopenia in primary pulmonary hypertension.
N Engl J Med 287:869-70, 26 Oct 72
ADULT/ *ANEMIA, HEMOLYTIC, ACQUIRED, etiology/ ANEMIA, HEMOLYTIC, ACQUIRED, pathology/ AUTOPSY/ CAPILLARIES, pathology/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ HUMAN/ *HYPERTENSION, PULMONARY, complications/ MALE/ *THROMBOPENIA, etiology

7571. **Stuart A:** Particles in spleens. Br Med J 3:474, 19 Aug 72
BLOOD PLATELETS/ HUMAN/ LYSOSOMES/ RETICULOENDOTHELIAL SYSTEM, cytology/ *SPLEEN, cytology/ *VIRUSES, isolation & purification

7572. **Stuart MJ, Murphy S, Oski FA, et al:** Platelet function in recipients of platelets from donors ingesting aspirin. N Engl J Med 287:1105-9, 30 Nov 72
ADMINISTRATION, ORAL/ ASPIRIN, administration & dosage/ ASPIRIN, adverse effects/ *ASPIRIN, pharmacodynamics/ BLOOD CELL COUNT/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ *BLOOD DONORS/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, physiology/ BLOOD TRANSFUSION/ CHILD/ EPINEPHRINE, pharmacodynamics/ FEMALE/ HUMAN/ MALE/ PLATELET ADHESIVENESS, drug effects/ THROMBOPENIA, therapy/ TIME FACTORS

7573. **Stuart-Harris C:** Some unresolved problems in chronic respiratory disease.
Scott Med J 18:36-44, Mar 73 (55 ref.)
ADULT/ AIR POLLUTION/ AIRWAY OBSTRUCTION, etiology/ AIRWAY OBSTRUCTION, physiopathology/ ASTHMA, complications/ ASTHMA, familial & genetic/ ASTHMA, pathology/ ASTHMA, physiopathology/ BRONCHITIS, complications/ BRONCHITIS, etiology/ BRONCHITIS, familial & genetic/ BRONCHITIS, pathology/ BRONCHITIS, physiopathology/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ HUMAN/ PROGNOSIS/ PULMONARY EMPHYSEMA, complications/ PULMONARY EMPHYSEMA, etiology/ PULMONARY EMPHYSEMA, familial & genetic/ PULMONARY EMPHYSEMA, pathology/ PULMONARY EMPHYSEMA, physiopathology/ RESPIRATION/ *RESPIRATORY TRACT DISEASES/ REVIEW/ SMOKING, complications/ SPIROMETRY/ TRYPSIN INHIBITORS, blood

7574. **Stubb S:** Entsyymipsuaineet hengitystie- jaino-oireiden aiheuttajana.
Duodecim 88:721-4, 1972 **(Fin)**
ADULT/ *ASTHMA, chemically induced/ *DETERGENTS, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *OCCUPATIONAL DERMATITIS, etiology/ *PEPTIDE HYDROLASES, adverse effects/ POWDERS

7575. **Stückelberg G, Borgeaud P:** L'obstruction intestinale induite par les anticoagulants. A propos de 2 cas d'hématome intrapariétal de l'intestin grêle et du côlon.
Schweiz Med Wochenschr 103:9-15, 6 Jan 73 (Fre)
AGED/ *COLONIC DISEASES/ *COUMARINS, adverse effects/ ENGLISH ABSTRACT/ *HEMATOMA, complications/ *HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HUMAN/ *INTESTINAL OBSTRUCTION, chemically induced/ INTESTINAL OBSTRUCTION, drug therapy/ INTESTINAL OBSTRUCTION, pathology/ INTESTINAL OBSTRUCTION, radiography/ INTESTINAL OBSTRUCTION, surgery/ *INTESTINE, SMALL/ MALE/ MIDDLE AGE/ VITAMIN K, therapeutic use

7576. **Studd JW, Shaw RW, Bailey DE:** Maternal and fetal serum protein concentration in normal pregnancy and pregnancy complicated by proteinuric pre-eclampsia.
Am J Obstet Gynecol 114:582-8, 1 Nov 72
ALPHA GLOBULIN, analysis/ AUTOANALYSIS/ BLOOD/ *BLOOD PROTEINS, analysis/ COMPLEMENT, analysis/ FEMALE/ FETUS, growth & development/ GEL DIFFUSION TESTS/ HAPTOGLOBINS, analysis/ HEMOPEXIN, analysis/ HUMAN/ IGG, analysis/ IMMUNOELECTROPHORESIS/ INFANT, NEWBORN/ LIPOPROTEINS, LDL, analysis/ MACROGLOBULINS, analysis/ MATERNAL-FETAL EXCHANGE/ PREGNANCY/ *PREGNANCY TOXEMIAS, blood/ *PROTEINURIA, complications/ SERUM ALBUMIN, analysis/ SERUM GLOBULINS, analysis/ THYROXINE-BINDING PROTEIN, analysis/ TRANSFERRIN, analysis/ TRYPSIN INHIBITORS, analysis/ *UMBILICAL CORD

7577. **Sturges HF, Krone CL:** Ulceration and stricture of the jejunum in a patient on long-term indomethacin therapy. Am J Gastroenterol 59:162-9, Feb 73
ADHESIONS, chemically induced/ ADHESIONS, pathology/ ADHESIONS, radiography/ ADHESIONS, surgery/ HUMAN/ *INDOMETHACIN, adverse effects/ INDOMETHACIN, therapeutic use/ *INTESTINAL OBSTRUCTION, chemically induced/ INTESTINAL OBSTRUCTION, pathology/ INTESTINAL OBSTRUCTION, radiography/ INTESTINAL OBSTRUCTION, surgery/ *JEJUNUM/ JEJUNUM, pathology/ MALE/ MIDDLE AGE/ SPONDYLITIS, ANKYLOSING, drug therapy/ *ULCER, chemically induced/ ULCER, pathology/ ULCER, radiography/ ULCER, surgery

7578. **Stylos WA, Rivetz B:** Preparation of specific antiserum to prostaglandin A. Prostaglandins 2:103-13, Aug 72
ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ BACTERIOLOGICAL TECHNICS/ CATTLE/ CROSS REACTIONS/ DIPLOCOCCUS PNEUMONIAE, immunology/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GAMMA GLOBULIN/ IMMUNE SERUMS/ IMMUNIZATION/ INJECTIONS, INTRAVENOUS/ METHODS/ PROSTAGLANDINS/ PROTEIN BINDING/ RABBITS/ RABBITS, immunology/ RADIOIMMUNOASSAY/ SERUM ALBUMIN, BOVINE/ SPECIAL LIST REPRODUCTION/ TRITIUM/ TRYPSIN

7579. **Stypulkowski C:** Principles of methodical studies on capillaries in the light of the immunomorphogenesis of the capillary-haemopoietic system. II. Experimental and clinical studies.
Folia Biol (Krakow) 20:193-221, 1972
ADULT/ ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ ANTIGENS/ AORTA, immunology/ *CAPILLARIES/ CAPILLARIES, immunology/ CAPILLARIES, physiopathology/ *HEMATOPOIESIS/ HEMORRHAGIC DIATHESIS, physiopathology/ HUMAN/ IMMUNE SERUMS/ PURPURA, physiopathology/ RABBITS/ SHOCK, HEMORRHAGIC, immunology

7580. **Su KL, Staba EJ:** Toxicity, anti-neoplastic, and coagulation effects of aquatic plants from Minnesota.
Lloydia 36:99-102, Mar 73
ANIMAL EXPERIMENTS/ ANTICOAGULANTS, pharmacodynamics/ ANTICOAGULANTS, toxicity/ *ANTINEOPLASTIC AGENTS, therapeutic use/ ANTINEOPLASTIC AGENTS, toxicity/ *BLOOD COAGULATION, drug effects/ HAMSTERS/ LETHAL DOSE 50/ LEUKEMIA L1210, drug therapy/ MALE/ MELANOMA, drug therapy/ MICE/ MINNESOTA/ NEOPLASMS, EXPERIMENTAL, drug therapy/ PLANT EXTRACTS, pharmacodynamics/ PLANT EXTRACTS, toxicity/ *PLANTS/ PROTHROMBIN TIME/ THROMBOPLASTIN/ TIME FACTORS

7581. **Subryan VL, Popovtzer MM, Parks SD, et al:** Measurement of serum ionized calcium with the ion-exchange electrode. Clin Chem 18:1459-62, Dec 72
BLOOD PRESERVATION/ BLOOD SPECIMEN COLLECTION/ *CALCIUM, blood/ CALCIUM, standards/ CARBON DIOXIDE/ ELECTRODES/ ETHANOLAMINES/ EVALUATION STUDIES/ FREEZING/ HUMAN/ HYDROGEN-ION CONCENTRATION/ ION EXCHANGE/ METHODS/ NITROGEN/ OILS/ OSMOLAR CONCENTRATION/ QUALITY CONTROL/ TRYPSIN

7582. **Sucharit P, Reid HA:** Coagulation and fibrinolysis in simian Plasmodium knowlesi malaria.
Southeast Asian J Trop Med Public Health 4:15-8, Mar 73
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ *BLOOD COAGULATION/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ FACTOR V/ FACTOR VII/ FACTOR X/ *FIBRINOLYSIS/ HEMOGLOBINURIA/ MACACA/ *MALARIA, blood/ MONKEYS/ PLASMINOGEN, analysis/ *PLASMODIUM/ PROTHROMBIN TIME

7583. **Sud'bina EN, Azizova OA, Kaiushin LP:** Fotoprevraschchenila svobodnykh radikalov v polikristallicheskikh belkakh, obluchennykh uf-svetom. Obrazovanie radikalov peptidnoĭ gruppy.
Biofizika 18:611-7, Jul-Aug 73 (Rus)
ELECTRON SPIN RESONANCE/ ENGLISH ABSTRACT/ FREE RADICALS, metabolism/ FREEZING/ MURAMIDASE, radiation effects/ OVALBUMIN, radiation effects/ PEPSIN, radiation effects/ *PROTEINS, radiation effects/ RADIATION EFFECTS/ RIBONUCLEASE, radiation effects/ SERUM ALBUMIN, radiation effects/ TRYPSIN, radiation effects/ *ULTRAVIOLET RAYS

7584. **Sudmann E:** Subgaleal closed suction drainage in craniotomies. J Oslo City Hosp 23:77-82, Apr 73
*CRANIOTOMY/ *DRAINAGE/ *HEMATOMA, prevention & control/ HUMAN/ METHODS/ POSTOPERATIVE CARE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ SCALP

7585. **Sudo T, Fujisawa M, Okumura H, et al:** [Antisera to fibrinogen degradation products, fragments D and E]
Acta Haematol Jap 35:652-3, Oct 72 (Jap)
ENGLISH ABSTRACT/ FIBRINOGEN, analysis/ *FIBRINOGEN, metabolism/ FIBRINOLYSIN/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ *IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ RABBITS, immunology

7586. **Sugarbaker PH, Skarin AT, Wilson RE:** Thrombocytopenia from metastatic carcinoma of the breast. Effective managements of patients with this complication. Arch Surg 107:523-7, Oct 73
ADRENALECTOMY/ AGED/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BONE MARROW/ *BONE NEOPLASMS, complications/ *BREAST NEOPLASMS, complications/ BREAST NEOPLASMS, drug therapy/ BREAST NEOPLASMS, surgery/ CASTRATION/ FEMALE/ FLUOROURACIL, therapeutic use/ HEMATOCRIT/ HUMAN/ MIDDLE AGE/ NEOPLASM METASTASIS/ PREDNISONE, therapeutic use/

THROMBOPENIA, drug therapy/ *THROMBOPENIA, etiology/ TIME FACTORS

7587. **Sugiura H:** [Histochemical studies on cellular plasminogen activator. Plasminogen activator in the normal transitional cells of the guinea pig urinary bladder]
Jap J Urol 64:265-80, Apr 73 (Jap)
ANIMAL EXPERIMENTS/ *BLADDER, analysis/ *BLOOD COAGULATION FACTORS, analysis/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ EPITHELIAL CELLS, analysis/ FEMALE/ GUINEA PIGS/ HISTOCYTOCHEMISTRY/ MALE/ *PLASMINOGEN, analysis/ PLASMINOGEN, urine

7588. **Sugiura H:** [Histochemical studies on tissue plasminogen activator. Interrelationship between tissue plasminogen activator and alkaline phosphatase in the bladder wall]
Jap J Urol 64:449-63, Jun 73 (Jap)
ALKALINE PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ *BLADDER, enzymology/ *BLOOD COAGULATION FACTORS, analysis/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ EPITHELIUM, analysis/ FEMALE/ GUINEA PIGS/ HISTOCYTOCHEMISTRY/ HUMAN/ *PLASMINOGEN, analysis

7589. **Sugiura H, Astrup T:** [The histochemical study of the fibrinolytic activity: the localization of tissue plasminogen activator of the normal bladder wall among different animal species]
Jap J Urol 63:387-96, Jun 72 (Jap)
ANIMAL EXPERIMENTS/ *BLADDER, enzymology/ BLOOD COAGULATION FACTORS/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ FEMALE/ *FIBRINOLYSIS/ GUINEA PIGS/ HISTOCYTOCHEMISTRY/ MALE/ MICE/ PEPTIDE HYDROLASES, metabolism/ *PLASMINOGEN/ RABBITS/ RATS

7590. **Sugiura M, Sasaki M:** [Studies on proteinases from Ficus carica var. Horaishi. 3. Stability of ficin A, B, C and D]
J Pharm Soc Jap 93:338-43, Mar 73 (Jap)
DRUG STABILITY/ ENGLISH ABSTRACT/ *PAPAIN/ *PEPTIDE HYDROLASES/ PLANT EXTRACTS, analysis/ *PLANTS, enzymology

7591. **Sugiura M, Sasaki M:** [Studies on proteinases from Ficus carica var. Horaishi. II. Physicochemical properties of ficin A,B,C and D]
J Pharm Soc Jap 93:63-7, Jan 73 (Jap)
AMINO ACIDS, analysis/ CHEMISTRY/ CHEMISTRY, PHYSICAL/ ENGLISH ABSTRACT/ GLUCOSE, analysis/ ISOELECTRIC FOCUSING/ *PEPTIDE PEPTIDOHYDROLASES/ PRECIPITATION/ SPECTROPHOTOMETRY/ VISCOSITY

7592. **Sugiura M, Tsuboi T, Ogiso T:** [Enzymatic studies on water-insoluble derivatives of semi-alkaline proteinase]
J Pharm Soc Jap 93:742-8, Jun 73 (Jap)
ALKALIES/ ENGLISH ABSTRACT/ *PEPTIDE HYDROLASES/ SOLUBILITY

7593. **Sugiyama H, Das Gupta R, Yang KH:** Disulfide-toxicity relationship of botulinal toxin types A, E, and F.
Proc Soc Exp Biol Med 143:589-91, Jul 73
ANIMAL EXPERIMENTS/ *BOTULINUM TOXIN, toxicity/ *DISULFIDES/ DITHIOTHREITOL, pharmacodynamics/ GELATIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ LETHAL DOSE 50/ MICE/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ PHOSPHATES, pharmacodynamics/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics

7594. **Suhler A, Blanchard J:** Angiomatose cirsoïde rénale. Contribution à l'etude des hématuries dites "essentielles".
J Urol Nephrol (Paris) 78:181-8, Mar 72 (Fre)
ADULT/ *ANGIOMATOSIS, congenital/ ANGIOMATOSIS, pathology/ ARTERIES, pathology/ ENGLISH ABSTRACT/ *HEMATURIA, etiology/ HUMAN/ *KIDNEY, blood supply/ KIDNEY, pathology/ *KIDNEY DISEASES, congenital/ KIDNEY DISEASES, pathology/ MALE/ NEPHRECTOMY/ RADIOISOTOPE RENOGRAPHY/ UROGRAPHY

7595. **Suitor EH, Kim HJ, Flynn JT:** Subphrenic hematoma. Late complication of traumatic rupture of spleen.
NY State J Med 72:2325-7, 15 Sep 72
ABDOMEN/ ADULT/ DIAPHRAGM/ *HEMATOMA, etiology/ HUMAN/ MALE/ PAIN/ POSTOPERATIVE COMPLICATIONS/ *SPLENIC RUPTURE, complications/ SPLENIC RUPTURE, surgery

7596. **Sukharevskaia TM, Bialko NK:** Sostoianie svertyvaiushcheĭ sistemy krovi pri toksikokhimicheskikh porazheniiakh pecheni.
Gig Tr Prof Zabol 16:50-2, Oct 72 (Rus)
*BLOOD COAGULATION/ *HEPATITIS, TOXIC, blood/ HUMAN/ *LIVER, drug effects/ OCCUPATIONAL DISEASES, blood/ *OCCUPATIONAL DISEASES, chemically induced

7597. **Sulakhe PV, Dhalla NS:** Adenylate cyclase of heart sarcotubular membranes.
Biochim Biophys Acta 293:379-96, 15 Feb 73
ADENYL CYCLASE, analysis/ *ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ CALCIUM, pharmacodynamics/ CARBON ISOTOPES/ CHLOROMERCURIBENZOATES, pharmacodynamics/ DOGS/ FLUORIDES, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ MAGNESIUM, pharmacodynamics/ MEMBRANES, drug effects/ MEMBRANES, enzymology/ MYOCARDIUM, cytology/ *MYOCARDIUM, enzymology/ NOREPINEPHRINE, pharmacodynamics/ PHOSPHOLIPASE, pharmacodynamics/ PHOSPHORUS ISOTOPES/ PROPRANOLOL, pharmacodynamics/ RABBITS/ SARCOPLASMIC RETICULUM, drug effects/ SARCOPLASMIC RETICULUM, enzymology/ SNAKES/ SUBCELLULAR FRACTIONS, enzymology/ TRYPSIN, pharmacodynamics/ VENOMS, pharmacodynamics

7598. **Sulek K:** Schemat postępowania diagnostyczno-leczniczego w skazach krwotocznych.
Wiad Lek 26:417-22, 1 Mar 73 (20 ref.) (Pol)
AMINOCAPROIC ACID, therapeutic use/ BLOOD COAGULATION TESTS/ FIBRINOGEN, therapeutic use/ HEMORRHAGE, etiology/ *HEMORRHAGIC DIATHESIS/ HEMORRHAGIC DIATHESIS, classification/ HEMORRHAGIC DIATHESIS, diagnosis/ HEMORRHAGIC DIATHESIS, drug therapy/ HEMORRHAGIC DIATHESIS, therapy/ HEPARIN, therapeutic use/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ REVIEW/ VITAMIN K, therapeutic use

7599. **Sullivan JL, Debusk AG:** Inositol-less death in Neurospora and cellular ageing.
Nature [New Biol] 243:72-4, 16 May 73
AGING/ CARBON ISOTOPES/ CELL MEMBRANE/ *FUNGAL PROTEINS, biosynthesis/ FUNGAL PROTEINS, metabolism/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ GLUTAMATE DEHYDROGENASE, metabolism/ *INOSITOL, metabolism/ LYSOSOMES, enzymology/ MUTATION/ NEUROSPORA, cytology/ NEUROSPORA, enzymology/ NEUROSPORA, growth & development/ *NEUROSPORA, metabolism/ PEPTIDE HYDROLASES, metabolism/ TEMPERATURE

7600. **Sulmoni A, Schölzel E:** Tödliche Nebennierenblutungen bei Antikoagulantientherapie.
Urologie [A] 12:71-3, Mar 73 (Ger)
*ACENOCOUMAROL, adverse effects/ *ADRENAL GLAND DISEASES, chemically induced/ ADRENAL GLAND DISEASES,

complications/ ADRENAL GLAND DISEASES, diagnosis/ ADRENAL GLAND DISEASES, mortality/ ADRENAL GLAND DISEASES, pathology/ ADRENAL GLANDS, pathology/ AGED/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ *HEMORRHAGE, chemically induced/ HEMORRHAGE, complications/ HEMORRHAGE, diagnosis/ HEMORRHAGE, mortality/ HUMAN/ MALE

7601. **Sultan C, Heilmann-Gouault M, Tuiliez M:** Relationship between blast-cell morphology and occurrence of a syndrome of disseminated intravascular coagulation. Br J Haematol 24:255-9, Feb 73
ADOLESCENCE/ ADULT/ AGED/ BLOOD COAGULATION TESTS/ BONE MARROW CELLS/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FACTOR V, analysis/ FEMALE/ FIBRINOGEN, metabolism/ HUMAN/ *LEUKEMIA, MYELOBLASTIC, complications/ LEUKEMIA, MYELOBLASTIC, pathology/ LEUKOCYTE COUNT/ *LYMPHOCYTES/ MALE/ MIDDLE AGE

7602. **Sultan Y, Caen JP:** Platelet dysfunction in preleukemic states and in various types of leukemia. Ann NY Acad Sci 201:300-6, 27 Oct 72
ADENOSINE, metabolism/ ADULT/ *ANEMIA, SIDEROBLASTIC, blood/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ BONE MARROW EXAMINATION/ CARBON ISOTOPES/ HUMAN/ *LEUKEMIA, MONOCYTIC, blood/ *LEUKEMIA, MYELOCYTIC, blood/ *LYMPHOSARCOMA, blood/ MALE/ MIDDLE AGE/ PLATELET ADHESIVENESS

7603. **Sultan Y, Scrobohaci ML, Rendu F, et al:** Abnormal platelet function, population, and survival-time in a boy with congenital absent radii and thrombocytopenia. Lancet 2:653, 23 Sep 72
BLOOD CELL COUNT/ *BLOOD PLATELETS/ CHILD/ HUMAN/ MALE/ *RADIUS, abnormalities/ *THROMBOPENIA, blood

7604. **Sumathy V, Grimes EM, Miller GL:** Chorioangioma of the placenta. Mo Med 70:647-9 passim, Sep 73
ADULT/ FEMALE/ HEART ENLARGEMENT, congenital/ *HEMANGIOMA, complications/ HEMANGIOMA, pathology/ HUMAN/ HYALINE MEMBRANE DISEASE, etiology/ HYDRAMNIOS, complications/ INFANT, NEWBORN/ *PLACENTA DISORDERS, complications/ PLACENTA DISORDERS, pathology/ PREGNANCY

7605. **Summaria L, Arzadon L, Bernabe P, et al:** Isolation, characterization, and comparison of the S-carboxymethyl heavy (A) and light (B) chain derivatives of cat, dog, rabbit, and bovine plasmins. J Biol Chem 248:6522-7, 25 Sep 73
ANIMAL EXPERIMENTS/ CATS/ CATTLE/ CHROMATOGRAPHY, AFFINITY/ DOGS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FIBRINOLYSIN/ HISTIDINE/ HUMAN/ ISOELECTRIC FOCUSING/ KETONES/ METHYLATION/ MOLECULAR WEIGHT/ PEPTIDES, analysis/ *PLASMINOGEN, analysis/ PLASMINOGEN, isolation & purification/ RABBITS/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TOSYL COMPOUNDS/ TRITIUM/ UREA

7606. **Summaria L, Arzadon L, Bernabe P, et al:** Characterization of the NH 2 -terminal glutamic acid and NH 2 -terminal lysine forms of human plasminogen isolated by affinity chromatography and isoelectric focusing methods. J Biol Chem 248:2984-91, 10 May 73
CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ *GLUTAMATES, analysis/ HUMAN/ ISOELECTRIC FOCUSING/ *LYSINE, analysis/ MOLECULAR WEIGHT/ PEPTIDES, analysis/ PLASMINOGEN, analysis/ *PLASMINOGEN, isolation & purification/ SODIUM DODECYL SULFATE

7607. **Summerell JM, Gibbs WN:** Splenic histiocytosis associated with thrombocytopenia. Acta Haematol (Basel) 48:34-8, 1972
ADOLESCENCE/ ADULT/ BLOOD CELL COUNT/ BLOOD PLATELETS/ FEMALE/ *HISTIOCYTES/ HISTIOCYTES, analysis/ HUMAN/ JAMAICA/ LIPIDS, analysis/ MICROSCOPY, ELECTRON/ MONGOLOID RACE/ *PURPURA, THROMBOPENIC, pathology/ PURPURA, THROMBOPENIC, surgery/ *SPLEEN, cytology/ SPLENECTOMY

7608. **Summers DF, Shaw EN, Stewart ML, et al:** Inhibition of cleavage of large poliovirus-specific precursor proteins in infected HeLa cells by inhibitors of proteolytic enzymes. J Virol 10:880-4, Oct 72
AUTORADIOGRAPHY/ CARBON ISOTOPES/ *CHYMOTRYPSIN, antagonists & inhibitors/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GENETICS, MICROBIAL/ *HELA CELLS, metabolism/ HUMAN/ *KETONES, pharmacodynamics/ METHIONINE, metabolism/ MOLECULAR WEIGHT/ PEPTIDES, analysis/ PEPTIDES, biosynthesis/ POLIOVIRUS, analysis/ POLIOVIRUS, growth & development/ *POLIOVIRUS, metabolism/ STEREOISOMERS/ SULFUR ISOTOPES/ TRANSLATION, GENETIC/ *TRYPSIN INHIBITORS, pharmacodynamics/ URIDINE, metabolism/ VIRAL PROTEINS, analysis/ *VIRAL PROTEINS, biosynthesis

7609. **Summers JL, Keitzer WA:** A radiographic clue to the diagnosis of hemangioma of the kidney. J Urol 108:852-3, Dec 72
ADULT/ CHILD/ FEMALE/ *HEMANGIOMA, radiography/ HUMAN/ *KIDNEY NEOPLASMS, radiography/ MALE/ UROGRAPHY

7610. **Sunder-Plassmann L, Jesch F, Klövekorn WP, et al:** Limited hemodilution in hemorrhagic shock in dogs: effects on central hemodynamics and the microcirculation in skeletal muscle. Res Exp Med (Berl) 159:167-82, 25 Jan 73
ANIMAL EXPERIMENTS/ BLOOD VISCOSITY/ BLOOD VOLUME/ CAPILLARY RESISTANCE/ CARDIAC OUTPUT/ DEXTRAN/ DOGS/ HEMATOCRIT/ HYDROGEN-ION CONCENTRATION/ MICROCIRCULATION, drug effects/ MUSCLES, blood supply/ OXYGEN, blood/ PARTIAL PRESSURE/ *PLASMA SUBSTITUTES, pharmacodynamics/ REGIONAL BLOOD FLOW/ *SHOCK, HEMORRHAGIC, physiopathology

7611. **Sunderland WA, Klein RL:** Heparin absorption during heparin-saline lung lavage in a patient with pulmonary alveolar proteinosis. Chest 63:1033-4, Jun 73
ADOLESCENCE/ HEMORRHAGE, chemically induced/ HEPARIN, administration & dosage/ HEPARIN, adverse effects/ *HEPARIN, metabolism/ HUMAN/ *IRRIGATION/ *LUNG, metabolism/ MALE/ PULMONARY ALVEOLAR PROTEINOSIS, metabolism/ *PULMONARY ALVEOLAR PROTEINOSIS, therapy/ RETROPERITONEAL SPACE/ SODIUM/ TIME FACTORS

7612. **Sunderman FW Jr:** Effects of drugs upon hematological tests. Ann Clin Lab Sci 2:2-11, Jan-Feb 72
ANTIBIOTICS, pharmacodynamics/ ANTICOAGULANTS, pharmacodynamics/ ANTINUCLEAR FACTORS, analysis/ BARBITURATES, pharmacodynamics/ *BILIRUBIN, blood/ CERULOPLASMIN, analysis/ COPPER, blood/ DRUG ANTAGONISM/ DRUG SYNERGISM/ *FOLIC ACID, blood/ HUMAN/ IRON, blood/ LE CELLS/ *METALS, blood/ *PHARMACOLOGY/ PROTEIN BINDING, drug effects/ *PROTHROMBIN TIME

7613. **Surana RB, Hunt TM, Conen PE:** Multiple congenital defects associated with 45,XO-46,XYg- mosaicism. Am J Dis Child 126:75-7, Jul 73
*ABNORMALITIES, MULTIPLE/ CLEFT LIP, complications/ CLEFT PALATE, complications/ CRANIOFACIAL DYSOSTOSIS, complications/ DERMATOGLYPHICS/ FACIAL NEOPLASMS, complications/ FACIAL NEOPLASMS,

congenital/ FINGERS, abnormalities/ HEAD, abnormalities/ HEMANGIOMA, complications/ HEMANGIOMA, congenital/ HUMAN/ HYDROCEPHALUS, complications/ INFANT, NEWBORN/ KARYOTYPING/ MALE/ *MOSAICISM/ *SEX CHROMOSOME ABNORMALITIES/ TESTIS, abnormalities

7614. **Suresh AD, Stemerman MB, Spaet TH:** Rabbit heart valve basement membrane: low platelet reactivity.
Blood 41:359-67, Mar 73
ANIMAL EXPERIMENTS/ *BASEMENT MEMBRANE/ BLOOD PLATELETS/ CENTRIFUGATION/ CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ ENDOTHELIUM/ *HEART VALVES, anatomy & histology/ MICROSCOPY, ELECTRON/ *PLATELET ADHESIVENESS/ RABBITS/ SURFACE PROPERTIES/ THROMBOSIS, blood/ THROMBOSIS, etiology/ TRYPSIN, pharmacodynamics

7615. **Surgenor DM:** On the regulatory agencies and their functions.
Vox Sang 23:68-71, Jul-Aug 72
ANTICOAGULANTS/ *DRUG AND NARCOTIC CONTROL/ DRUG INDUSTRY/ FACTOR VIII/ *GOVERNMENT AGENCIES/ HEPATITIS, HOMOLOGOUS SERUM, prevention & control/ HUMAN/ PLASMA, analysis/ UNITED STATES

7616. **Surgenor DM, Wallace EL, Cumming PD, et al:** Blood services: prices and public policy.
Science 180:384-9, 27 Apr 73
*BLOOD BANKS/ BLOOD PLATELETS/ *BLOOD TRANSFUSION/ COSTS AND COST ANALYSIS/ ERYTHROCYTES/ FACTOR VIII/ *FEES, MEDICAL/ HUMAN/ PLASMA/ RED CROSS/ UNITED STATES

7617. **Suros J, Woods JE, Anderson CF, et al:** A kidney transplant patient with Fabry's disease. Unusual features.
Arch Surg 106:231-3, Feb 73
ADULT/ *CADAVER/ CERAMIDES, urine/ GALACTOSE, urine/ GALACTOSIDASE, analysis/ *GLYCOLIPIDS, metabolism/ GLYCOLIPIDS, urine/ HEPARIN, therapeutic use/ HUMAN/ *KIDNEY, transplantation/ KIDNEY FAILURE, CHRONIC, surgery/ LEUKOCYTES, enzymology/ *LIPID METABOLISM, INBORN ERRORS, complications/ MALE/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, mortality/ SUBCLAVIAN VEIN/ SYNDROME/ THROMBOPHLEBITIS, complications/ TRANSPLANTATION, HOMOLOGOUS/ VENA CAVA, INFERIOR, surgery

7618. **Surovaya AN, Slobodyanskaya EM, Koziov LV, et al:** Chromophoric labels in proteins. I. Optical and luminescent properties of nitrochymotrypsin and nitrochymotrypsinogen.
Mol Biol 6:85-90, Jan-Feb 72
ACETIC ACIDS/ CATALYSIS/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, antagonists & inhibitors/ *CHYMOTRYPSINOGEN/ CIRCULAR DICHROISM/ FLUORESCENCE SPECTROMETRY/ HYDROGEN-ION CONCENTRATION/ LUMINESCENCE/ MATHEMATICS/ NITRO COMPOUNDS/ OPTICAL ROTATORY DISPERSION/ PROTEIN BINDING/ *PROTEIN CONFORMATION/ SPECTROPHOTOMETRY/ TYROSINE/ ULTRAVIOLET RAYS

7619. **Surovikin DM, Nemchenko VI:** Septicheskii shok v khirurgicheskoi klinike.
Vestn Khir 110:126-9, Mar 73 (22 ref.) **(Rus)**
ANTIBIOTICS, therapeutic use/ BACTERIAL INFECTIONS, diagnosis/ BACTERIAL INFECTIONS, etiology/ BLOOD COAGULATION DISORDERS, etiology/ CROSS INFECTION/ HUMAN/ HYDROCORTISONE, therapeutic use/ HYPOTENSION, etiology/ *POSTOPERATIVE COMPLICATIONS/ REVIEW/ *SEPTICEMIA/ SEPTICEMIA, diagnosis/ SEPTICEMIA, drug therapy/ *SHOCK, SURGICAL/ SHOCK, SURGICAL, diagnosis/ SHOCK, SURGICAL, drug therapy/ THROMBOSIS, etiology

7620. **Surovikina MS, Vasil'eva RA:** Kininazy plazmy krovi pry hostrii pnevmonii u ditei rann'oho viku.
Pediatr Akush Ginekol 1:11-2, 1973 **(Ukr)**
ACUTE DISEASE/ *CARBOXYPEPTIDASES, blood/ CHILD, PRESCHOOL/ HUMAN/ INFANT/ KININASE I, blood/ KININASE II, blood/ *PEPTIDE PEPTIDOHYDROLASES, blood/ *PNEUMONIA, blood/ *PNEUMONIA, enzymology

7621. **Surovtsev VI, Koziov LV, Antonov VK:** Vliianie konkurentnykh ingibitorov i pH sredy na termodenaturatsiiu -khimotripsina, kovalentno sviazannogo s karboksimetiltsellliulozoi.
Biokhimiia 37:1139-43, Nov-Dec 72 **(Rus)**
*CHYMOTRYPSIN/ ENGLISH ABSTRACT/ *HEAT/ HYDROGEN-ION CONCENTRATION/ *METHYLCELLULOSE/ PHENYLALANINE, pharmacodynamics/ *PROTEIN BINDING/ *PROTEIN DENATURATION/ PROTEIN DENATURATION, drug effects/ TRYPTOPHAN, pharmacodynamics/ TYROSINE, pharmacodynamics

7622. **Suschke HJ, Kastenbauer E, Kunze D:** Hyperfibrinolyse und verminderte fibrinolytische Aktivität im Thrombelastogramm bei Kindern.
Med Monatsschr 26:521-3, Nov 72 **(Ger)**
ADOLESCENCE/ *BLOOD COAGULATION DISORDERS, diagnosis/ CHILD/ CHILD, PRESCHOOL/ *FIBRINOLYSIS/ HUMAN/ INFANT, NEWBORN/ INFANT, PREMATURE, DISEASES, physiopathology/ INFECTION, physiopathology/ NEPHROTIC SYNDROME, physiopathology/ PURPURA, physiopathology/ *THROMBELASTOGRAPHY/ TONSILLECTOMY, adverse effects

7623. **Suschke J:** Saure Mukopolysaccharide in Urin, Fruchtwasser und Serum.
Fortschr Med 91:485-7, 19 Apr 73 **(Ger)**
ADOLESCENCE/ ADULT/ AMNIOTIC FLUID, analysis/ BODY WEIGHT/ CARBOHYDRATE METABOLISM, INBORN ERRORS, metabolism/ HEPARIN, analysis/ HEPARIN, metabolism/ HUMAN/ HYALURONIC ACID, analysis/ HYALURONIC ACID, metabolism/ INFANT, NEWBORN/ MALE/ MUCOPOLYSACCHARIDES, analysis/ MUCOPOLYSACCHARIDES, blood/ *MUCOPOLYSACCHARIDES, metabolism/ MUCOPOLYSACCHARIDES, urine

7624. **Suska-Brzezińska E:** Enzymatyczna inaktywacja neurohormonów.
Postepy Biochem 18:473-87, 1972 **(Pol)**
AMINOPEPTIDASES, blood/ AMINOPEPTIDASES, isolation & purification/ ANIMAL EXPERIMENTS/ CHYMOTRYPSIN, metabolism/ ENZYME ACTIVATION/ FEMALE/ HUMAN/ MALE/ *OXIDOREDUCTASES, metabolism/ *OXYTOCIN, physiology/ *PEPTIDE HYDROLASES, metabolism/ PITUITARY GLAND, enzymology/ PREGNANCY/ PREGNANCY, MULTIPLE/ RABBITS/ SEX FACTORS/ TRYPSIN, metabolism/ UTERUS, enzymology/ *VASOPRESSIN, physiology

7625. **Sutcliffe RG, Brock DJ:** Immunological studies on the nature and origin of the major proteins in amniotic fluid.
J Obstet Gynaecol Br Commonw 80:721-7, Aug 73
AMNIOCENTESIS/ *AMNIOTIC FLUID, analysis/ AMNIOTIC FLUID, immunology/ ANIMAL EXPERIMENTS/ BLOOD PROTEINS, analysis/ FEMALE/ FETAL GLOBULINS, analysis/ FETAL MEMBRANES/ FETUS/ HUMAN/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ LABOR, INDUCED/ LIPOPROTEINS, analysis/ PREGNANCY/ *PROTEINS, analysis/ RABBITS/ RUPTURE/ SERUM ALBUMIN, analysis/ TIME FACTORS/ TRANSFERRIN, analysis/ TRYPSIN INHIBITORS, analysis

7626. **Sutnick AI, Goeser E, Senior JR, et al:** Similarity of hepatitis following transfusion of Australia-antigen

positive and negative blood. Lancet 2:461-4, 1 Sep 73
ADOLESCENCE/ ADULT/ AGED/ ALANINE AMINOTRANSFERASE, blood/ ALKALINE PHOSPHATASE, blood/ *AUSTRALIA ANTIGEN, analysis/ BILIRUBIN, analysis/ BIOPSY, NEEDLE/ *BLOOD TRANSFUSION, adverse effects/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ GEL DIFFUSION TESTS/ *HEPATITIS, HOMOLOGOUS SERUM, diagnosis/ *HEPATITIS, INFECTIOUS, diagnosis/ HEPATITIS VIRUSES/ HUMAN/ MALE/ MIDDLE AGE/ PROSPECTIVE STUDIES/ PROTHROMBIN TIME/ RADIOIMMUNOASSAY/ TIME FACTORS

7627. **Sutor AH:** Thrombocyturia after aspirin.
N Engl J Med 288:794-5, 12 Apr 73
*ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ CELL SURVIVAL/ HUMAN/ URINE, cytology

7628. **Sutor AH, Bowie EJ, Owen CA Jr:** Klinischer Anwendungsbereich eines neuen quantitativen Blutungstests. Med Welt 23:1692-6, 11 Nov 72 (Ger)
ADULT/ BLOOD COAGULATION DISORDERS, blood/ *BLOOD COAGULATION TESTS/ COLD/ FEMALE/ HUMAN/ MALE/ METHODS

7629. **Sutor AH, Schindera F, Jacobi H, et al:** Haemolytic-uraemic syndrome: thrombocyturia after treatment with streptokinase and aspirin.
Lancet 2:762, 7 Oct 72
*ANEMIA, HEMOLYTIC, ACQUIRED, drug therapy/ ASPIRIN, adverse effects/ *ASPIRIN, therapeutic use/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ CHILD/ *HEMATURIA, chemically induced/ HEMOLYTIC-UREMIC SYNDROME, drug therapy/ HUMAN/ MALE/ STREPTOKINASE, adverse effects/ *STREPTOKINASE, therapeutic use/ UREMIA, drug therapy

7630. **Suttie JW:** Anticoagulant-resistant rats: possible control by the use of the chloro analog of vitamin K 1.
Science 180:741-3, 18 May 73
ANIMAL EXPERIMENTS/ *ANTICOAGULANTS, pharmacodynamics/ CHLORINE, pharmacodynamics/ DRUG RESISTANCE/ DRUG SYNERGISM/ *NAPHTHOQUINONES, pharmacodynamics/ RATS/ *RATS/ *RODENTICIDES, pharmacodynamics/ *VITAMIN K, antagonists & inhibitors/ WARFARIN, pharmacodynamics

7631. **Suttie JW:** Mechanism of action of vitamin K: demonstration of a liver precursor of prothrombin.
Science 179:192-4, 12 Jan 73
ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ CHLORINE/ CYCLOHEXIMIDE, pharmacodynamics/ HYPOPROTHROMBINEMIAS, metabolism/ MALE/ MICROSOMES, LIVER, analysis/ MICROSOMES, LIVER, drug effects/ *MICROSOMES, LIVER, metabolism/ PROTEIN PRECURSORS, analysis/ *PROTEIN PRECURSORS, metabolism/ PROTHROMBIN, analysis/ *PROTHROMBIN, biosynthesis/ RATS/ SNAKES/ VENOMS, pharmacodynamics/ VITAMIN K, antagonists & inhibitors/ *VITAMIN K, pharmacodynamics/ WARFARIN, pharmacodynamics

7632. **Suttie JW:** Vitamin K and prothrombin synthesis.
Nutr Rev 31:105-9, Apr 73 (18 ref.)
ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ CATTLE/ COUMARINS, pharmacodynamics/ CROSS REACTIONS/ ENZYME ACTIVATION/ ENZYME PRECURSORS/ ETHERS, CYCLIC, biosynthesis/ HUMAN/ HYPOPROTHROMBINEMIAS, metabolism/ LIVER, drug effects/ LIVER, metabolism/ MICROSOMES, LIVER, metabolism/ PROTEIN BINDING/ *PROTHROMBIN, biosynthesis/ RATS/ REVIEW/ SNAKES/ VENOMS/ *VITAMIN K/ VITAMIN K, antagonists & inhibitors/ VITAMIN K, metabolism/ VITAMIN K, physiology/ VITAMIN K DEFICIENCY, metabolism/ WARFARIN, pharmacodynamics

7633. **Suvatte V, Pongpipat D, Tuchinda S, et al:** Studies on serum complement C3 and fibrin degradation products in Thai hemorrhagic fever.
J Med Assoc Thai 56:24-32, Jan 73
*COMPLEMENT, analysis/ *EPIDEMIC HEMORRHAGIC FEVER, blood/ EPIDEMIC HEMORRHAGIC FEVER, physiopathology/ *FIBRIN/ HUMAN/ SHOCK, HEMORRHAGIC/ THAILAND

7634. **Suwalsky M, Traub W:** A comparative x-ray study of a nucleoprotamine and DNA complexes with polylysine and polyarginine. Biopolymers 11:2223-31, 1972
ANIMAL EXPERIMENTS/ *ARGININE/ *DNA/ *LYSINE/ MOLECULAR CONFORMATION/ *NUCLEOPROTEINS/ *PROTAMINES/ SALMONIDAE/ SPERMATOZOA/ *X-RAY DIFFRACTION

7635. **Suzuki A, Goll DE, Stromer MH, et al:** -actinin from red and white porcine muscle.
Biochim Biophys Acta 295:188-207, 25 Jan 73
ACTOMYOSIN/ ADENOSINE TRIPHOSPHATASE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ ASPARTIC ACID, analysis/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CIRCULAR DICHROISM/ DENSITOMETRY/ ELECTROPHORESIS, DISK/ KINETICS/ MAGNESIUM/ MICROSCOPY, ELECTRON/ MUSCLE PROTEINS, analysis/ *MUSCLE PROTEINS, isolation & purification/ *MUSCLES, analysis/ MUSCLES, anatomy & histology/ MUSCLES, enzymology/ MYOFIBRILS, analysis/ RABBITS/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SWINE/ TRYPSIN/ ULTRACENTRIFUGATION

7636. **Suzuki K, Ando T:** Studies on protamines. XVI. The complete amino acid sequence of clupeine YII.
J Biochem (Tokyo) 72:1419-32, Dec 72
ALANINE/ *AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ ARGININE/ CHROMATOGRAPHY/ FISHES/ MALE/ PROLINE/ *PROTAMINES, analysis/ SERINE/ SPERMATOZOA, analysis/ THREONINE/ VALINE

7637. **Suzuki K, Ando T:** Studies on protamines. XVII. The complete amino acid sequence of clupeine YI.
J Biochem (Tokyo) 72:1433-46, Dec 72
ALANINE/ *AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ ARGININE/ CELL NUCLEUS, analysis/ CHROMATOGRAPHY/ FISHES/ GLYCINE/ ISOLEUCINE/ MALE/ PROLINE/ *PROTAMINES, analysis/ SERINE/ SPERMATOZOA, analysis/ THREONINE

7638. **Suzuki M:** [Autonomic nerve function and fibrinolysis during oral surgery]
Jap J Oral Surg 17:472-500, 1971 (Jap)
AUTONOMIC NERVOUS SYSTEM, physiology/ FIBRINOLYSIS/ SPECIAL LIST DENTAL/ SURGERY, ORAL

7639. **Suzuki M, Fukuuchi Y, Shimazu K, et al:** Cerebral atherosclerosis in the dog. II. Cerebral circulation.
Arch Pathol 96:14-7, Jul 73
ANIMAL EXPERIMENTS/ CAROTID ARTERIES, pathology/ *CEREBRAL ARTERIES, pathology/ CEREBRAL ARTERIES, physiopathology/ CEREBRAL ARTERIOSCLEROSIS, blood/ CEREBRAL ARTERIOSCLEROSIS, etiology/ CEREBRAL ARTERIOSCLEROSIS, metabolism/ CEREBRAL ARTERIOSCLEROSIS, pathology/ *CEREBRAL ARTERIOSCLEROSIS, physiopathology/ *CEREBROVASCULAR CIRCULATION/ CHOLESTEROL, blood/ DIET, ATHEROGENIC/ DOGS/ MALE/ MICROSCOPY, ELECTRON/ PHOSPHOLIPIDS, blood/ TRIGLYCERIDES, blood

7640. **Suzuki M, Tsunematsu Y:** Toxoplasma gondii: trypsin treatment of trophozoites for enhanced immune cytolysis in the dye test. Exp Parasitol 33:433-6, Jun 73
ANIMAL EXPERIMENTS/ GUINEA PIGS, immunology/ IMMUNE SERUMS/ METHODS/ RABBITS, immunology/ *SERODIAGNOSIS, standards/ *TOXOPLASMA, immunology/

*TOXOPLASMOSIS, diagnosis/ *TRYPSIN, pharmacodynamics

7641. **Suzuki S, Maejima T, Matsubara S, et al:** [Hemangiomas in the soft tissues of extracranial portion of head] Nippon Acta Radiol 32:723-34, Dec 72 (Jap)
ADOLESCENCE/ ADULT/ CAROTID ARTERIES, radiography/ CEREBRAL ANGIOGRAPHY/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ *FACIAL NEOPLASMS, radiography/ FEMALE/ *HEMANGIOMA, radiography/ HEMANGIOMA, CAVERNOUS, radiography/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ *MOUTH NEOPLASMS, radiography/ PHLEBOGRAPHY

7642. **Svanberg L, Astedt B, Gynning I, et al:** Fibrin degradation products during postoperative radiotherapy of ovarian carcinoma.
Acta Obstet Gynecol Scand 52:141-5, 1973
ADULT/ ARRHENOBLASTOMA/ ASCITIC FLUID, analysis/ FEMALE/ *FIBRIN, metabolism/ *FIBRINOGEN, metabolism/ HUMAN/ NEOPLASM METASTASIS/ *OVARIAN NEOPLASMS, radiotherapy/ OVARIAN NEOPLASMS, surgery

7643. **Svärd PO:** Basic biochemical and pharmacological properties of brinase. J Clin Pathol 25:633-4, Jul 72
ANIMAL EXPERIMENTS/ ASPERGILLUS, enzymology/ CATS/ FIBRINOLYTIC AGENTS, antagonists & inhibitors/ *FIBRINOLYTIC AGENTS, pharmacodynamics/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ MACROGLOBULINS/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, pharmacodynamics/ PEPTIDE HYDROLASES, therapeutic use/ PLATELET ADHESIVENESS, drug effects/ RABBITS/ THROMBOPHLEBITIS, drug therapy

7644. **Svasti J, Milstein C:** The parallel nature of the interchain disulphide bonds of immunoglobulins. Studies on a mouse IgG1 myeloma protein.
Eur J Biochem 31:405-22, 18 Dec 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ AUTOANALYSIS/ CELL LINE/ CELLS, CULTURED/ CHROMATOGRAPHY, ION EXCHANGE/ CYSTINE, metabolism/ DISULFIDES/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ HYDROLYSIS/ *IGE, analysis/ MACROMOLECULAR SYSTEMS/ MICE/ MICE, INBRED BALB C/ *MYELOMA PROTEINS, analysis/ NEOPLASMS, EXPERIMENTAL/ PEPSIN/ PEPTIDES, analysis/ *PLASMACYTOMA/ SULFUR ISOTOPES/ THERMOLYSIN/ TRYPSIN

7645. **Svasti J, Milstein C:** The disulphide bridges of a mouse immunoglobulin G1 protein.
Biochem J 126:837-50, Feb 72
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ CARBON ISOTOPES/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CYSTINE, metabolism/ DISULFIDES, analysis/ ELECTROPHORESIS, PAPER/ IGG, analysis/ IMMUNOELECTROPHORESIS/ *IMMUNOGLOBULINS, analysis/ IN VITRO/ IODOACETATES, metabolism/ MICE/ MYELOMA PROTEINS, analysis/ OXIDATION-REDUCTION/ *SULFIDES, analysis/ SULFUR ISOTOPES/ TISSUE CULTURE/ TRYPSIN

7646. **Svasti J, Milstein C:** The complete amino acid sequence of a mouse kappa light chain.
Biochem J 128:427-44, Jun 72
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHYMOTRYPSIN/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ HUMAN/ *IMMUNOGLOBULIN FRAGMENTS, analysis/ IODOACETATES/ MICE/ *MYELOMA PROTEINS, analysis/ PEPTIDES, isolation & purification/ TRYPSIN

7647. **Svehla C:** Fibrinolytic activity in patients with acute myocardial infarction.
Am J Clin Pathol 59:120-1, Jan 73
*FIBRINOLYSIS/ HUMAN/ *MYOCARDIAL INFARCT, blood

7648. **Svendsen L, Blombäck B, Blombäck M, et al:** Substrates for determination of trypsin, thrombin and thrombin-like enzymes.
Folia Haematol (Leipz) 98:446-54, 1972
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ CATTLE/ CHEMISTRY/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ PEPTIDES/ SNAKES/ *THROMBIN, analysis/ *TRYPSIN, analysis/ *VENOMS, analysis

7649. **Svensson B:** Use of isoelectric focusing to characterize the bonds established during coupling of CNBr-activated amylodextrin to subtilisin type novo.
FEBS Lett 29:167-9, 15 Jan 73
CHEMISTRY/ CYANOGEN BROMIDE/ ISOELECTRIC FOCUSING/ *PEPTIDE PEPTIDOHYDROLASES/ POLYSACCHARIDES/ SUBTILISINS

7650. **Svirsky-Fein A:** [20 years' experience with low birth weight infants]
Harefuah 85:20-3, 1 Jul 73 (Heb)
*BIRTH WEIGHT/ CHLORPROMAZINE, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ HYPOTHERMIA, INDUCED, adverse effects/ INFANT, NEWBORN/ *INFANT, PREMATURE/ *INFANT, PREMATURE, DISEASES, drug therapy/ INFANT, PREMATURE, DISEASES, mortality/ ISRAEL/ PREDNISOLONE, therapeutic use/ RESPIRATORY DISTRESS SYNDROME, mortality/ VITAMIN K, adverse effects

7651. **Swan H:** Clinical hypothermia: a lady with a past and some promise for the future.
Surgery 73:736-58, May 73 (212 ref.)
ANOXIA, prevention & control/ BACTERIAL INFECTIONS, prevention & control/ BURNS, therapy/ COLD, therapeutic use/ HEMOSTASIS/ HUMAN/ HYPOTENSION, physiopathology/ HYPOTENSION, CONTROLLED/ *HYPOTHERMIA/ HYPOTHERMIA, INDUCED/ OXYGEN CONSUMPTION/ POSTOPERATIVE CARE/ RADIATION INJURIES/ REVIEW/ SURGERY, OPERATIVE/ TRANSPLANTATION

7652. **Swanson M, Cook R:** Detection of drug-induced blood dyscrasias. Am J Hosp Pharm 30:534-7, Jun 73
ADULT/ AGED/ ANALGESICS AND ANTIPYRETICS, adverse effects/ BONE MARROW, pathology/ DRUG HYPERSENSITIVITY/ FEMALE/ *HEMATOLOGIC DISEASES, chemically induced/ HEMATOLOGIC DISEASES, diagnosis/ HUMAN/ MALE/ MIDDLE AGE/ QUINIDINE, adverse effects/ QUINIDINE, therapeutic use/ THROMBOPENIA, chemically induced/ THROMBOPENIA, pathology/ TOLBUTAMIDE, adverse effects

7653. **Swart AC, Klaassen BH, Bloys-van Treslong-de, et al:** The adsorption of blood coagulation factors II, VII, IX and X from human plasma to aluminium hydroxide.
Thromb Diath Haemorrh 27:490-501, 31 Jul 72
ADSORPTION/ *ALUMINUM HYDROXIDE GEL/ BUFFERS/ *FACTOR VII, isolation & purification/ *FACTOR IX, isolation & purification/ *FACTOR X, isolation & purification/ HUMAN/ HYDROGEN-ION CONCENTRATION/ PHOSPHATES/ *PROTHROMBIN, isolation & purification/ TEMPERATURE/ TIME FACTORS

7654. **Swarup-Mitra S, Datta MC, Ghosh SK, et al:** Observations on erythrocytic glutathione (GSH) and related enzymes during in vitro storage of blood from haemolytic anaemia patients.
Indian J Pathol Bacteriol 15:27-33, Jan 72
ADENOSINE TRIPHOSPHATE, blood/ *ANEMIA, HEMOLYTIC, CONGENITAL, blood/ ANEMIA, HEMOLYTIC, CONGENITAL, enzymology/ *BLOOD PRESERVATION/ *ERYTHROCYTES, enzymology/ GLUCOSEPHOSPHATE DEHYDROGENASE,

blood/ *GLUTATHIONE, blood/ GLUTATHIONE REDUCTASE, blood/ HUMAN

7655. **Sweet L, Reid WD, Roberton NR:** Hydrops fetalis in association with chorioangioma of the placenta. J Pediatr 82:91-4, Jan 73
BIRTH WEIGHT/ EDEMA, complications/ FEMALE/ *FETAL DISEASES, complications/ *HEMANGIOMA, complications/ HEMANGIOMA, pathology/ HUMAN/ INFANT, NEWBORN/ *PLACENTA/ PLACENTA, pathology/ PREGNANCY/ *PREGNANCY COMPLICATIONS

7656. **Swiet J de:** Haemophilic women. Lancet 2:564, 8 Sep 73
*ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, therapeutic use/ FEMALE/ GYNECOLOGIC DISEASES, complications/ GYNECOLOGIC DISEASES, diagnosis/ GYNECOLOGIC NEOPLASMS, complications/ GYNECOLOGIC NEOPLASMS, diagnosis/ *HEMOPHILIA, diagnosis/ *HEMORRHAGE, etiology/ HUMAN/ LAPAROTOMY/ SEX FACTORS/ THROMBOSIS, drug therapy/ UROLOGIC DISEASES, complications/ UROLOGIC DISEASES, diagnosis

7657. **Sworn MJ, Preston FE, McGinty F:** Disseminated intravascular coagulation with thymoma-associated Cushing's syndrome. Br Med J 2:343-4, 12 May 73
ACNE, etiology/ ADRENAL GLANDS, pathology/ ADULT/ AMENORRHEA, etiology/ BLOOD SUGAR/ *CUSHING'S SYNDROME, complications/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FEMALE/ FIBRIN, metabolism/ GLYCOSURIA/ HIRSUTISM, etiology/ HUMAN/ KIDNEY GLOMERULUS, pathology/ *THYMOMA, complications/ THYMOMA, pathology/ *THYMUS NEOPLASMS, complications/ THYMUS NEOPLASMS, pathology

7658. **Swyer GI:** Contraception.
Trans Med Soc Lond 88:191-7, 1972
ADRENAL GLANDS, metabolism/ BLOOD COAGULATION DISORDERS, chemically induced/ CARBOHYDRATES, metabolism/ *CONTRACEPTION/ *CONTRACEPTIVES, ORAL, adverse effects/ CONTRACEPTIVES, ORAL, metabolism/ CORTICOSTERONE, metabolism/ CORTICOTROPIN, metabolism/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *ESTROGENS, adverse effects/ ESTROGENS, metabolism/ FEMALE/ HUMAN/ HYPERTENSION, chemically induced/ IODINE ISOTOPES, DIAGNOSTIC/ JAUNDICE, OBSTRUCTIVE, chemically induced/ LIPIDS, metabolism/ LIVER, metabolism/ LIVER FUNCTION TESTS/ MALE/ PROTEIN BINDING, drug effects/ SULFOBROMOPHTHALEIN, diagnostic use/ THROMBOEMBOLISM, chemically induced/ THYROID GLAND FUNCTION TESTS

7659. **Sy VL:** Idiopathic retroperitoneal fibrosis.
J Maine Med Assoc 64:30 passim, Apr 73
ADHESIONS/ ADULT/ HUMAN/ LAPAROTOMY/ MALE/ *RETROPERITONEAL FIBROSIS/ RETROPERITONEAL FIBROSIS, diagnosis/ RETROPERITONEAL FIBROSIS, surgery/ URETER, surgery

7660. **Sybesma JP, Planque BA de, Soelen T van, et al:** Demonstration of HL-A antigens on human kidney cells by means of the micro-immune adherence assay.
Vox Sang 24:289-300, Apr 73
CELLS, CULTURED/ ERYTHROCYTES, immunology/ FREEZING/ *HISTOCOMPATIBILITY ANTIGENS, analysis/ HISTOCOMPATIBILITY TESTING/ HUMAN/ *IMMUNE ADHERENCE REACTION/ KIDNEY, cytology/ *KIDNEY, immunology/ TISSUE PRESERVATION/ TRYPSIN, pharmacodynamics

7661. **Sycheva EM:** Diagnosticheskoe znachenie dobavochnykh sistolicheskikh tonov.
Vrach Delo 11:28-9, Nov 72 (Rus)
ADHESIONS/ ADULT/ AGED/ *EXTRASYSTOLE, diagnosis/ EXTRASYSTOLE, etiology/ *HEART AUSCULTATION/ HUMAN/ MALE/ MIDDLE AGE/ PERICARDITIS, complications/ PERICARDITIS, diagnosis/ *PHONOCARDIOGRAPHY/ PLEURAL DISEASES, complications/ PLEURAL DISEASES, diagnosis

7662. **Sykes BD, Scott MD:** Nuclear magnetic resonance studies of the dynamic aspects of molecular structure and interaction in biological systems.
Annu Rev Biophys Bioeng 1:27-50, 1972 (188 ref.)
ASPARTATE CARBAMOYL TRANSFERASE/ ASPIRIN/ CHYMOTRYPSIN/ HISTIDINE/ LIGANDS/ *MACROMOLECULAR SYSTEMS/ MURAMIDASE/ NAD/ *NUCLEAR MAGNETIC RESONANCE/ PENICILLIN G/ PEPTIDES/ PROTEIN BINDING/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ REVIEW/ RIBONUCLEASE/ SERUM ALBUMIN/ STAPHYLOCOCCUS, enzymology/ SULFONAMIDES/ TRYPTOPHAN/ VALINOMYCIN

7663. **Sylwestrowicz T, Pawelski S:** Antygen Australia: nowe odkrycia i hipotezy.
Acta Hepatogastroenterol (Stuttg) 2:97-102, Jan-Mar 71 (40 ref.) (Pol)
ANTI-AUSTRALIA ANTIGEN/ ANTIGEN-ANTIBODY COMPLEX/ ANTIGENIC DETERMINANTS/ ANTIGENS, VIRAL, isolation & purification/ *AUSTRALIA ANTIGEN/ AUSTRALIA ANTIGEN, isolation & purification/ CARRIER STATE/ HEMOPHILIA, immunology/ HEPATITIS, HOMOLOGOUS SERUM, immunology/ HEPATITIS, INFECTIOUS, immunology/ HUMAN/ METHODS/ MICROSCOPY, ELECTRON/ REVIEW/ TIME FACTORS/ ULTRACENTRIFUGATION

7664. **Symbas PN, Tyras DH, Ware RE, et al:** Traumatic rupture of the aorta. Ann Surg 178:6-12, Jul 73
ACCIDENTS, TRAFFIC/ ADULT/ ANGIOGRAPHY/ *AORTA, THORACIC, injuries/ AORTA, THORACIC, surgery/ AORTIC ANEURYSM, radiography/ AORTIC ANEURYSM, surgery/ AORTIC RUPTURE, diagnosis/ *AORTIC RUPTURE, etiology/ AORTIC RUPTURE, radiography/ AORTIC RUPTURE, surgery/ AORTOGRAPHY/ BLOOD VESSEL PROSTHESIS/ EXTRACORPOREAL CIRCULATION/ FEMALE/ HEMATOMA, surgery/ HEMOTHORAX, radiography/ HUMAN/ HYPERTENSION, etiology/ MALE/ MIDDLE AGE/ PULSE/ TIME FACTORS

7665. **Symmers WS:** Thrombocytopenic purpura and haemolytic anaemia after influenza vaccination.
Br Med J 2:614, 9 Jun 73
*ANEMIA, HEMOLYTIC, etiology/ DIAGNOSIS, DIFFERENTIAL/ HEMOLYTIC-UREMIC SYNDROME, diagnosis/ HUMAN/ *INFLUENZA VACCINE, adverse effects/ PURPURA, THROMBOPENIC, diagnosis/ *PURPURA, THROMBOPENIC, etiology/ PURPURA, THROMBOTIC THROMBOPENIC, diagnosis

7666. **Synchuk AN:** Izmenenila serdtsa i biokhimicheskie sdvigi v krovi u bol'nykh s ochagovoĭ distrofeĭ miokarda.
Vrach Delo 2:84-7, Feb 72 (Rus)
ADULT/ BLOOD COAGULATION/ BLOOD PROTEINS, metabolism/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HEART, physiopathology/ HUMAN/ LIPIDS, blood/ MALE/ MIDDLE AGE/ *MYOCARDIAL DISEASES, SECONDARY/ MYOCARDIAL DISEASES, SECONDARY, blood/ MYOCARDIAL DISEASES, SECONDARY, physiopathology

7667. **Syner FN, Moghissi KS:** Purification and properties of a human seminal proteinase.
Biochem J 126:1135-40, Mar 72
AMMONIUM SULFATE/ CHROMATOGRAPHY/ CHYMOTRYPSIN/ DEXTRAN/ GEL FILTRATION/ HUMAN/ MALE/ METHODS/

MOLECULAR WEIGHT/ *PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ PRECIPITATION/ *SEMEN, enzymology/ SPERMATOZOA

7668. **Szajer C, Koths JS:** Physiological properties and enzymatic activity of an Arthrobacter capable of lysing Fusarium sp. Acta Microbiol Pol [B] 5:81-6, 1973
ARTHROBACTER, enzymology/ ARTHROBACTER, growth & development/ *ARTHROBACTER, metabolism/ *CARBOHYDRATES, metabolism/ CELLULASE, biosynthesis/ CELLULASE, metabolism/ CELLULOSE, metabolism/ CHITIN, metabolism/ CHITINASE, biosynthesis/ CHITINASE, metabolism/ CULTURE MEDIA/ *FUSARIUM, growth & development/ GELATIN, metabolism/ GLUCOSAMINE, metabolism/ GLYCOSIDE HYDROLASES, biosynthesis/ GLYCOSIDE HYDROLASES, metabolism/ PEPTIDE HYDROLASES, biosynthesis/ PEPTIDE HYDROLASES, metabolism/ PEST CONTROL, BIOLOGICAL/ SACCHAROMYCES/ *SOIL MICROBIOLOGY

7669. **Szczech GM, Carlton WW, Olander HJ:** Hemangioma of the scrotum in a Chester White boar. Can Vet J 14:16-8, Jan 73
ANIMAL EXPERIMENTS/ *HEMANGIOMA, veterinary/ MALE/ *SCROTUM/ SWINE/ *SWINE DISEASES, pathology/ *UROGENITAL NEOPLASMS, veterinary

7670. **Szczeklik A, Stankowska K, Frydecka I:** Cardiopulmonary function in 1 -antitrypsin heterozygotes exposed to severe air pollution. Am Rev Respir Dis 107:289-91, Feb 73
ADULT/ AIR POLLUTION/ COAL/ GENETIC CODE/ HETEROZYGOTE/ HUMAN/ *LUNG, physiopathology/ LUNG DISEASES, OBSTRUCTIVE, etiology/ MALE/ METABOLISM, INBORN ERRORS, complications/ *METABOLISM, INBORN ERRORS, familial & genetic/ OCCUPATIONAL DISEASES, etiology/ RESPIRATORY FUNCTION TESTS/ *TRYPSIN INHIBITORS

7671. **Szczeklik A, Stańkowska K, Frydecka I, et al:** Zapylenie powietrza jako dodatkowy czynnik szkodliwy w zaburzeniach czynności płc u heterozygot z niedoborem antytrypsyny alfa 1. Pol Tyg Lek 28:155-7, 29 Jan 73 (Pol)
AIR POLLUTION/ ENGLISH ABSTRACT/ ENVIRONMENTAL EXPOSURE/ *HEART, physiopathology/ *HETEROZYGOTE/ HUMAN/ INDUSTRIAL MEDICINE/ *LUNG, physiopathology/ *METABOLISM, INBORN ERRORS, physiopathology/ TIME FACTORS/ *TRYPSIN INHIBITORS

7672. **Szczeklik A, Teresiak T, Kolaczkowska B:** L'alfa 1 antitripsina nei siero nei soggetti sani e nei pazienti con enfisema polmonare. Minerva Med 64:415-9, 24 Feb 73 (Ita)
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ MALE/ MIDDLE AGE/ *PULMONARY EMPHYSEMA, blood/ PULMONARY EMPHYSEMA, etiology/ *TRYPSIN INHIBITORS, blood

7673. **Szczepański L, Bednarzewski J, Jach A, et al:** Badania nad czynnikami zwiększającymi ryzyko zachorowania na zawał serca. Pol Tyg Lek 28:1103-5, 16 Jul 73 (Pol)
ADULT/ ALCOHOL, ETHYL, adverse effects/ DIABETES MELLITUS, complications/ DIET, ATHEROGENIC, adverse effects/ ENGLISH ABSTRACT/ HUMAN/ HYPERTENSION, complications/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, etiology/ MYOCARDIAL INFARCT, occurrence/ SEX FACTORS/ SMOKING, complications

7674. **Szekeres L, Török L, Simon N:** Wound healing and fibrinolytic activity. Vasa 2:81-3, 1973
FIBRIN/ *FIBRINOLYSIS, drug effects/ HUMAN/ LEG ULCER, blood/ LEG ULCER, drug therapy/ PLASMINOGEN/ STREPTOKINASE, pharmacodynamics/ STREPTOKINASE, therapeutic use/ *WOUND HEALING

7675. **Szekerke M, Wade R, Whisson ME:** The use of macromolecules as carriers of cytotoxic groups. 3. Synthesis and characterisation of polypeptidyl-fibrinogen derivatives. Neoplasma 20:163-9, 1973
ANIMAL EXPERIMENTS/ CARRIER PROTEINS/ CATTLE/ *CYTOTOXICITY TESTS, IMMUNOLOGIC/ *FIBRINOGEN/ IMMUNOELECTROPHORESIS/ *MACROMOLECULAR SYSTEMS/ OPTICAL ROTATORY DISPERSION/ *PEPTIDES

7676. **Szelényi I:** Magnesium and its significance in cardiovascular and gastro-intestinal disorders. World Rev Nutr Diet 17:189-224, 1973 (181 ref.)
ANIMAL EXPERIMENTS/ ARTERIOSCLEROSIS/ BLOOD COAGULATION/ *CARDIOVASCULAR DISEASES/ CARDIOVASCULAR DISEASES, drug therapy/ CARDIOVASCULAR DISEASES, metabolism/ DIET THERAPY/ FOOD ANALYSIS/ *GASTROINTESTINAL DISEASES/ GASTROINTESTINAL DISEASES, drug therapy/ GASTROINTESTINAL DISEASES, metabolism/ HEART DISEASES/ HEART FAILURE, CONGESTIVE/ HORMONES, physiology/ HUMAN/ HYPERTENSION/ LIVER DISEASES/ *MAGNESIUM/ MAGNESIUM, metabolism/ MAGNESIUM, physiology/ MAGNESIUM, therapeutic use/ MAGNESIUM DEFICIENCY/ MYOCARDIAL INFARCT/ NUTRITION/ NUTRITIONAL REQUIREMENTS/ REVIEW

7677. **Szilágyi G, Boga M, Rutkai P, et al:** Complications of haemangiomatoses. Kasabach-Merritt syndrome in an adult. Haematologia (Budap) 7:69-81, 1973
AUTOPSY/ CASE REPORT/ *HEMANGIOMA/ HEMANGIOMA, diagnosis/ HUMAN/ KIDNEY, pathology/ LIVER, pathology/ MALE/ MIDDLE AGE/ *PURPURA, THROMBOPENIC/ *SKIN NEOPLASMS/ SPLEEN, pathology/ SYNDROME

7678. **Szilágyi JF, Uryvayev L:** Isolation of an infectious ribonucleoprotein from vesicular stomatitis virus containing an active RNA transcriptase. J Virol 11:279-86, Feb 73
AUTORADIOGRAPHY/ CELL LINE/ CHYMOTRYPSIN/ CLONE CELLS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GLYCOPEPTIDES, analysis/ HAMSTERS/ KIDNEY/ MICROSCOPY, ELECTRON/ NUCLEOPROTEINS, analysis/ *NUCLEOPROTEINS, isolation & purification/ NUCLEOPROTEINS, pharmacodynamics/ PEPTIDES, analysis/ RIBONUCLEASE/ *RNA POLYMERASE, metabolism/ RNA, VIRAL, biosynthesis/ SULFUR ISOTOPES/ TRITIUM/ *VESICULAR STOMATITIS VIRUS, analysis/ VESICULAR STOMATITIS VIRUS, enzymology/ VESICULAR STOMATITIS VIRUS, isolation & purification/ VIRAL PROTEINS, analysis/ *VIRAL PROTEINS, isolation & purification/ VIRAL PROTEINS, pharmacodynamics

7679. **Szmidt M, Rolniecki J, Religa H:** Skaza krwotoczna u chorego z zarostowym stwardnieniem tętnic w przebiegu leczenia dekstranem niskocząsteczkowym. Pol Tyg Lek 27:1566-8, 2 Oct 72 (Pol)
*ARTERIOSCLEROSIS OBLITERANS, drug therapy/ *DEXTRAN, adverse effects/ DEXTRAN, therapeutic use/ ENGLISH ABSTRACT/ *HEMORRHAGIC DIATHESIS, chemically induced/ HUMAN/ MALE/ MIDDLE AGE

7680. **Sznajder N, Dominguez FV, Carraro JJ, et al:** Hemorrhagic hemangioma of gingiva: report of a case. J Periodontol 44:579-82, Sep 73
CASE REPORT/ CHILD/ FEMALE/ GINGIVAL NEOPLASMS/ *HEMANGIOMA/ *HEMORRHAGE, ORAL/ HUMAN

7681. **Szotor M, Konopka K, Leyko W:** Wpływ promieniowania gamma 60 Co na krew konserwowaną. Pol Przegl Radiol 37:307-15, Mar-Apr 73 (Pol)

*BLOOD, radiation effects/ *BLOOD PRESERVATION/ COBALT ISOTOPES/ ENGLISH ABSTRACT/ ERYTHROCYTE AGING, radiation effects/ HUMAN/ RADIATION DOSAGE/ *RADIATION EFFECTS/ TIME FACTORS

7682. **Szpilman H, Stachurska J, Kossakowska M, et al:** Rozpuszczalna fibryna i produkty degradacji fibrynogenu we krwi szczurów z doświadczalnym zapaleniem stawów wywołanym adiuwantem Freunda.
Reumatologia 10:297-302, 1972 (Pol)
ANIMAL EXPERIMENTS/ *ARTHRITIS, blood/ ARTHRITIS, etiology/ ENGLISH ABSTRACT/ *FIBRIN, metabolism/ *FIBRINOGEN, metabolism/ *FREUND'S ADJUVANT/ MALE/ RATS/ TIME FACTORS

7683. **Szur L, Marsh GW, Pettit JE:** Studies of splenic function by means of radioisotope labelled red cells.
Br J Haematol 23:Suppl:183-99, Sep 72 (51 ref.)
ANEMIA, HEMOLYTIC, surgery/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, physiopathology/ BLOOD PLATELET DISORDERS, physiopathology/ CHROMIUM ISOTOPES/ ERYTHROCYTE AGING/ *ERYTHROCYTES/ ERYTHROPOIESIS/ HUMAN/ IRON, metabolism/ IRON ISOTOPES/ METABOLISM, INBORN ERRORS, physiopathology/ OSTEOSCLEROSIS, physiopathology/ PYRUVATE KINASE/ RADIOISOTOPE SCANNING/ REVIEW/ SPHEROCYTOSIS, HEREDITARY, physiopathology/ SPLEEN, metabolism/ SPLEEN, pathology/ *SPLEEN, physiopathology/ SPLENECTOMY/ SPLENOMEGALY, physiopathology

7684. **Szybiński Z:** Studies on the metabolism of dietary and endogenous triglycerides in experimental atherosclerosis. I. Dynamics of the elimination of lymph dietary triglycerides from the blood.
Pol Med J 11:862-71, 1972
ANIMAL EXPERIMENTS/ AORTA, pathology/ ARTERIOSCLEROSIS, chemically induced/ *ARTERIOSCLEROSIS, metabolism/ CHYLOMICRONS, blood/ DIET, ATHEROGENIC, adverse effects/ DIETARY FATS, adverse effects/ FEMALE/ HYPERLIPEMIA, chemically induced/ IODINE ISOTOPES, DIAGNOSTIC/ LIVER, metabolism/ LIVER, pathology/ *LYMPH, metabolism/ MALE/ RATS/ TIME FACTORS/ TRIGLYCERIDES, isolation & purification/ *TRIGLYCERIDES, metabolism

7685. **Szybiński Z:** Studies on the metabolism of dietary and endogenous triglycerides in experimental atherosclerosis. II. Endogenous synthesis of triglycerides. Pol Med J 11:872-80, 1972
ANIMAL EXPERIMENTS/ ARTERIOSCLEROSIS, chemically induced/ *ARTERIOSCLEROSIS, metabolism/ DIET, ATHEROGENIC, adverse effects/ DIETARY FATS, adverse effects/ FEMALE/ HYPERLIPEMIA, etiology/ IODINE ISOTOPES, DIAGNOSTIC/ LIPOPROTEINS, biosynthesis/ LIPOPROTEINS, blood/ LIVER, metabolism/ LIVER, pathology/ MALE/ OLEIC ACID, diagnostic use/ RATS/ *TRIGLYCERIDES, biosynthesis/ TRIGLYCERIDES, metabolism

7686. **Szydlowski A, Fidelski R:** Badania porównawcze nad aktywnością niektórych naturalnych przeciwciał w przechowywanych surowicach i osoczach ludzkiej krwi konserwowanej.
Acta Haematol Pol 2:311-8, Oct-Dec 71 (Pol)
ABO FACTORS/ ADULT/ AGGLUTININS, analysis/ *ANTIBODIES, analysis/ ANTIBODIES, BACTERIAL, analysis/ ANTIGENS, BACTERIAL/ *BLOOD PRESERVATION/ ENGLISH ABSTRACT/ HUMAN/ ISOANTIBODIES/ MALE/ SALMONELLA TYPHIMURIUM/ TIME FACTORS

7687. **Szymanski IO, Kliman A:** Transfusions of platelets and white cells obtained from single donors.
NY State J Med 73:1859-63, 15 Jul 73
BLOOD CELL COUNT/ *BLOOD DONORS/ *BLOOD PLATELETS/ *BLOOD TRANSFUSION/ CELL SEPARATION/ CENTRIFUGATION/ HUMAN/ *LEUKOCYTES/ METHODS/ THROMBOPENIA, prevention & control

7688. **Szymanski IO, Lipson CS, Valeri CR:** Elution of chromium label from preserved red blood cells transfused during surgery.
Transfusion 13:13-8, Jan-Feb 73
BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ *CHROMIUM, blood/ CHROMIUM ISOTOPES/ ERYTHROCYTE AGING/ *ERYTHROCYTES, metabolism/ HALOTHANE, pharmacodynamics/ HEMAGGLUTINATION, drug effects/ HUMAN

7689. **Szyszka K, Abucewicz A:** Wpływ kwasu epsilenaminokapronowego na przebieg ostrego zapalenia trzustki u szczurów.
Pol Przegl Chir 45:115-9, Feb 73 (Pol)
ACUTE DISEASE/ *AMINOCAPROIC ACID, therapeutic use/ AMYLASE, metabolism/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ FEMALE/ LIPASE, metabolism/ *PANCREATITIS, drug therapy/ PANCREATITIS, enzymology/ RATS

T

7690. **Tabacchi MH, Kirksey A:** Influence of dietary lipids on plasma and hepatic lipids and on blood clotting properties in rats fed oral contraceptives.
J Nutr 103:1270-8, Sep 73
ANIMAL EXPERIMENTS/ ANIMAL NUTRITION/ *BLOOD COAGULATION, drug effects/ BODY WEIGHT, drug effects/ CASTRATION/ CHOLESTEROL, metabolism/ CHOLESTEROL, DIETARY/ COCONUT/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ *DIETARY FATS/ DRUG COMBINATIONS/ ETHYNODIOL DIACETATE, pharmacodynamics/ FATTY ACIDS, ESSENTIAL, pharmacodynamics/ FEMALE/ FIBRINOGEN, metabolism/ LIPIDS, blood/ *LIPIDS, metabolism/ LIVER, metabolism/ MEDROXYPROGESTERONE, pharmacodynamics/ MESTRANOL, pharmacodynamics/ NORETHYNODREL, pharmacodynamics/ OILS, pharmacodynamics/ PROTHROMBIN TIME/ RATS/ TRIGLYCERIDES, metabolism

7691. **Tabachnick M, Hao YL, Korcek L:** Effect of oleate, diphenylhydantoin and heparin on the binding of 125 I-thyroxine to purified thyroxine-binding globulin.
J Clin Endocrinol Metab 36:392-4, Feb 73
*DIPHENYLHYDANTOIN, pharmacodynamics/ ELECTROPHORESIS, STARCH GEL/ *HEPARIN, pharmacodynamics/ HUMAN/ IN VITRO/ IODINE ISOTOPES/ *OLEIC ACID, pharmacodynamics/ PROTEIN BINDING/ *SERUM GLOBULINS, metabolism/ *THYROXINE, metabolism/ *THYROXINE-BINDING PROTEIN, metabolism

7692. **Taber RE, Arciniegas E:** An aggressive approach to thromboembolic disease.
J Cardiovasc Surg (Torino) 14:306-11, May-Jun 73
ABDOMINAL INJURIES, complications/ ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ CATHETERIZATION/ ELECTROCARDIOGRAPHY/ EXTRACORPOREAL CIRCULATION/ FEMALE/ *FILTRATION/ FRACTURES, complications/ HEART FAILURE, CONGESTIVE, complications/ HUMAN/ LACTATE DEHYDROGENASE, blood/ MALE/ MIDDLE AGE/ PHLEBITIS, complications/ PULMONARY ARTERY, radiography/ PULMONARY EMBOLISM, prevention & control/ PULMONARY EMBOLISM, surgery/ RADIOISOTOPE SCANNING/ THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, radiography/ *THROMBOEMBOLISM, surgery/ *THROMBOPHLEBITIS, surgery/ VENA CAVA, INFERIOR, radiography/ *VENA CAVA, INFERIOR, surgery

7693. **Tacker JR, Farhi F, Bulmer GS:** Intracellular fate of

Cryptococcus neoformans.
Infect Immun 6:162-7, Aug 72
ANIMAL EXPERIMENTS/ CATTLE/ *CRYPTOCOCCUS/ CRYPTOCOCCUS NEOFORMANS/ CRYPTOCOCCUS NEOFORMANS, immunology/ FIBRINOGEN/ LEUKOCYTES, microbiology/ PHAGOCYTOSIS/ POLYSACCHARIDES, analysis/ RABBITS, immunology/ TIME FACTORS

7694. **Tacu V, Kleinstein I, Dascălu M:** Studiul sistemului coagulolitic în cordul pulmonar cronic. I. Sindromul de coagulare intravasculara diseminata.
Rev Med Chir Soc Med Nat Iasi 76:905-12, Oct-Dec 72 (Rum)
*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ CHRONIC DISEASE/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ HUMAN/ *PULMONARY HEART DISEASE, complications

7695. **Tager HS, Emdin SO, Clark JL, et al:** Studies on the conversion of proinsulin to insulin. II. Evidence for a chymotrypsin-like cleavage in the connecting peptide region of insulin precursors in the rat.
J Biol Chem 248:3476-82, 25 May 73
ACETIC ACIDS, pharmacodynamics/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHYMOTRYPSIN/ CORTISONE, pharmacodynamics/ ELECTROPHORESIS, PAPER/ FORMIC ACIDS/ GLUTAMINE, analysis/ *INSULIN, metabolism/ ISLANDS OF LANGERHANS, metabolism/ LEUCINE, metabolism/ MALE/ MODELS, CHEMICAL/ PANCREAS, drug effects/ *PANCREAS, metabolism/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ *PEPTIDES, metabolism/ PROINSULIN, biosynthesis/ *PROINSULIN, metabolism/ RATS/ THIOCYANATES/ TRITIUM/ TRYPSIN

7696. **Tager HS, Steiner DF:** Primary structures of the proinsulin connecting peptides of the rat and the horse. J Biol Chem 247:7936-40, 25 Dec 72
ALANINE, analysis/ ALCOHOL, ETHYL/ AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ ASPARTIC ACID, analysis/ CARBOXYPEPTIDASES/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ GLUTAMATES, analysis/ GLYCINE, analysis/ HORSES/ HYDROGEN-ION CONCENTRATION/ *PANCREAS, analysis/ *PEPTIDES, analysis/ PEPTIDES, isolation & purification/ *PROINSULIN, analysis/ PROLINE, analysis/ RATS/ SOLUBILITY/ SPECIES SPECIFICITY/ THIOCYANATES

7697. **Taguchi K, Washizu T, Shimamoto M, et al:** [Surgical experience in preductal coarctation of the aorta--non-heparinized subclavian-iliac aortic bypass]
Jap J Thorac Surg 26:176-9, Mar 73 (Jap)
AORTA, surgery/ AORTIC COARCTATION, complications/ *AORTIC COARCTATION, surgery/ BENZALKONIUM CHLORIDE/ BLOOD VESSEL PROSTHESIS/ CARBON/ CHILD/ DRUG COMBINATIONS/ DUCTUS ARTERIOSUS, PATENT, complications/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN/ HUMAN/ HYPERTENSION, PULMONARY, complications/ ILIAC ARTERY, surgery/ METHODS/ SUBCLAVIAN ARTERY, surgery

7698. **Taichman NS, Pruzanski W, Ranadive NS:** Release of intracellular constituents from rabbit polymorphonuclear leukocytes exposed to soluble and insoluble immune complexes.
Int Arch Allergy Appl Immunol 43:182-95, 1972
ACID PHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ *ANTIGEN-ANTIBODY COMPLEX/ FEMALE/ GALACTOSIDASE, blood/ GLUCURONIDASE, blood/ IMMUNE SERUMS/ LEUKOCYTES, enzymology/ *LEUKOCYTES, immunology/ MICROSCOPY, ELECTRON/ MICROSCOPY, PHASE CONTRAST/ MURAMIDASE, blood/ PEPTIDE HYDROLASES, blood/ PRECIPITIN TESTS/ RABBITS/ RABBITS, immunology/ RIBONUCLEASE, blood/ SERUM ALBUMIN, BOVINE

7699. **Takagi T, Doolittle RF:** Self-induced crosslinking of factor XIII.
Biochem Biophys Res Commun 51:186-91, 5 Mar 73
ANIMAL EXPERIMENTS/ BLOOD PROTEIN ELECTROPHORESIS/ CATTLE/ *FACTOR XIII/ POLYMERS/ PROTEIN CONFORMATION/ SODIUM DODECYL SULFATE/ TIME FACTORS

7700. **Takahama T:** Transfusion studies in von Willebrand's disease. Kumamoto Med J 25:122-6, 31 Dec 72
ADULT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ *BLOOD TRANSFUSION/ CHILD/ FEMALE/ HEMOSTASIS/ HUMAN/ PLATELET ADHESIVENESS/ *VON WILLEBRAND'S DISEASE, therapy

7701. **Takahashi H:** [Action of topical anti-trichophyton agents] Jap J Dermatol [A] 82:421-37, Jul 72 (Jap)
AMMONIUM COMPOUNDS, pharmacodynamics/ *ANTIFUNGAL AGENTS, pharmacodynamics/ BENZOATES, pharmacodynamics/ BENZYL COMPOUNDS, pharmacodynamics/ COMPARATIVE STUDY/ ETHYL MERCURY COMPOUNDS, pharmacodynamics/ GRISEOFULVIN, pharmacodynamics/ HAIR/ NAILS/ PHENOLS, pharmacodynamics/ SALICYLIC ACID, pharmacodynamics/ SULFIDES, pharmacodynamics/ SULFITES, pharmacodynamics/ THIOGLYCOLATES, pharmacodynamics/ *TRICHOPHYTON, drug effects/ VITAMIN K, pharmacodynamics

7702. **Takahashi H, Iwanaga S, Suzuki T:** Isolation of a novel inhibitor of kallikrein, plasmin and trypsin from the venom of Russell's viper (Vipera russelli).
FEBS Lett 27:207-10, 1 Nov 72
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CATTLE/ CHROMATOGRAPHY, THIN LAYER/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ *KALLIKREIN-TRYPSIN INACTIVATOR, isolation & purification/ MOLECULAR WEIGHT/ PANCREAS/ SNAKES/ SODIUM DODECYL SULFATE/ SWINE/ VENOMS, analysis/ *VENOMS, pharmacodynamics

7703. **Takahashi H, Nagasawa S, Suzuki T:** Conversion of bovine prekallikrein to kallikrein. Evidence of limited proteolysis of prekallikrein by bovine Hageman factor (factor XII). FEBS Lett 24:98-100, 15 Jul 72
ANIMAL EXPERIMENTS/ ARGININE, analysis/ ASPARTIC ACID, analysis/ CATTLE/ DIALYSIS/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ *ENZYME PRECURSORS, metabolism/ *FACTOR XII/ GLUTAMATES, analysis/ ISOLEUCINE, analysis/ *KALLIKREIN/ KALLIKREIN, analysis/ KALLIKREIN, biosynthesis/ LEUCINE, analysis/ LYSINE, analysis/ PEPTIDE CHAIN TERMINATION/ SODIUM DODECYL SULFATE/ TRITIUM

7704. **Takahashi K, Chang WJ:** Specific chemical modifications of acid proteases in the presence and absence of pepstatin.
J Biochem (Tokyo) 73:675-7, Mar 73
ASPERGILLUS, enzymology/ BASIDIOMYCETES, enzymology/ BINDING SITES/ CATTLE/ DIAZONIUM COMPOUNDS/ ENZYME ACTIVATION/ NITRO COMPOUNDS/ *OLIGOPEPTIDES, pharmacodynamics/ PEPSIN, antagonists & inhibitors/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ RENNIN, antagonists & inhibitors/ RHIZOPUS, enzymology/ SWINE

7705. **Takahashi Y, Koizumi S, Maruko K, et al:** [Syndromes of Sturge-Weber and Klippel-Weber in a single patient]
Clin Neurol (Tokyo) 12:578-83, Nov 72 (Jap)
ADOLESCENCE/ *ANGIOMATOSIS/ *BONE

DISEASES/ ENGLISH ABSTRACT/ HUMAN/ MALE/ SYNDROME

7706. **Takatsuki A, Tamura G:** Preferential incorporation of tunicamycin, an antiviral antibiotic containing glucosamine, into the cell membranes.
J Antibiot (Tokyo) 25:362-4, Jun 72
*ANTIVIRAL AGENTS, metabolism/ CELL MEMBRANE, metabolism/ CYTOPLASM, metabolism/ DEPRESSION, CHEMICAL/ EDTA, pharmacodynamics/ GLUCOSAMINE, pharmacodynamics/ NEWCASTLE DISEASE VIRUS, metabolism/ TRITIUM/ TRYPSIN, pharmacodynamics

7707. **Takayanagi N:** [Clinical application of electrophoresis. 3. Analysis of ascitic and pleural fluid proteins]
Jap J Clin Pathol 21:214-6, Mar 73 (Jap)
*ASCITIC FLUID, analysis/ *ELECTROPHORESIS/ FIBRINOGEN, analysis/ GLYCOPROTEINS, analysis/ HUMAN/ IGG, analysis/ *PLEURAL EFFUSION, analysis/ *PROTEINS, analysis

7708. **Takebayashi S, Kamio A, Kubota I, et al:** Ultrastructural aspects of the role of the media-smooth muscle cells in arteriosclerosis of man and animals. Acta Pathol Jap 22:697-721, Nov 72
AGING/ ANIMAL EXPERIMENTS/ AORTA, pathology/ AORTA, transplantation/ *ARTERIES, pathology/ *ARTERIOSCLEROSIS, pathology/ COLLAGEN, biosynthesis/ DOGS/ ELASTIC TISSUE, metabolism/ ENDOPLASMIC RETICULUM/ FATTY STREAK, ARTERIAL, pathology/ FETUS/ GOLGI APPARATUS/ HUMAN/ LIPIDS, metabolism/ MACROPHAGES, metabolism/ MICROSCOPY, ELECTRON/ MUSCLE, SMOOTH, metabolism/ *MUSCLE, SMOOTH, pathology/ NECROSIS/ PERIARTERITIS NODOSA, pathology/ RATS/ TRANSPLANTATION, HOMOLOGOUS

7709. **Takechi M, Hayashi K:** Localization of the four disulfide bridges in cytotoxin II from the venom of the indian cobra (Naja naja).
Biochem Biophys Res Commun 49:584-90, 17 Oct 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CHROMATOGRAPHY, PAPER/ CYSTEINE, analysis/ *DISULFIDES, analysis/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ SNAKES/ THERMOLYSIN/ *TOXINS, analysis/ TRYPSIN/ VENOMS, analysis

7710. **Takeda R, Funazu T, Odake K, et al:** Idiopathic thrombocytopenic purpura associated with hyperthyroidism. South Med J 66:553-6, May 73
ADOLESCENCE/ *ANEMIA, HYPOCHROMIC, complications/ *AUTOIMMUNE DISEASES/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, complications/ *PURPURA, THROMBOPENIC, complications

7711. **Takeda R, Noto Y:** [Adrenocortical hormones and arteriosclerosis]
Clin Endocrinol (Tokyo) 20:605-11, Aug 72 (48 ref.) (Jap)
ADOLESCENCE/ *ADRENAL CORTEX HORMONES, physiology/ ADULT/ ANDROGENS, physiology/ *ARTERIOSCLEROSIS, etiology/ BLOOD COAGULATION/ BLOOD PRESSURE/ CHOLESTEROL, blood/ CORTICOTROPIN, physiology/ CUSHING'S SYNDROME, complications/ DEHYDROEPIANDROSTERONE, physiology/ FEMALE/ FIBRINOLYSIS/ HUMAN/ LIPIDS, metabolism/ MALE/ MIDDLE AGE/ MINERALOCORTICOIDS, physiology/ MUCOPOLYSACCHARIDES, metabolism/ REVIEW/ SMOKING, complications/ STRESS, complications

7712. **Takeda Y:** Studies of the metabolism and distribution of prothrombin in healthy men with homologous 125 I-prothrombin.
Thromb Diath Haemorrh 27:472-89, 31 Jul 72
ADSORPTION/ ADULT/ AMINO ACIDS, analysis/ BARIUM/ CHROMATOGRAPHY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CITRATES/ GEL DIFFUSION TESTS/ HALF-LIFE/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ ISOTOPE LABELING/ METHODS/ MIDDLE AGE/ MODELS, BIOLOGICAL/ PROTHROMBIN, analysis/ PROTHROMBIN, isolation & purification/ *PROTHROMBIN, metabolism

7713. **Takeda Y, Parkhill TR, Nakabayashi M:** Generation of 125 I-labelled plasmin in dogs in response to venous injury. Ciba Found Symp 9:203-16, 1972
ANIMAL EXPERIMENTS/ DOGS/ ELECTROPHORESIS, DISK/ ENZYME ACTIVATION/ FIBRIN/ *FIBRINOLYSIN, biosynthesis/ HINDLIMB/ IODINE ISOTOPES/ LIGATION/ PHENOLS/ *PLASMINOGEN, biosynthesis/ PLASMINOGEN, isolation & purification/ THROMBIN/ THROMBOPHLEBITIS, blood/ THROMBOPHLEBITIS, chemically induced/ THROMBOPHLEBITIS, metabolism/ TOURNIQUETS/ *VASCULAR DISEASES, blood/ VASCULAR DISEASES, diagnosis/ VASCULAR DISEASES, metabolism/ VEINS/ *WOUNDS AND INJURIES, blood/ WOUNDS AND INJURIES, metabolism

7714. **Takeichi M:** The factor affecting the spreading of chondrocytes upon inorganic substrate.
J Cell Sci 13:193-204, Jul 73
*CARTILAGE, cytology/ CARTILAGE, growth & development/ CELL ADHESION/ *CELLS, CULTURED/ CHICK EMBRYO/ CHONDROITIN, biosynthesis/ CULTURE MEDIA/ GROWTH, drug effects/ HEAT/ MUCOPOLYSACCHARIDES, pharmacodynamics/ PEPTIDE HYDROLASES, pharmacodynamics/ PSEUDOPODIA, physiology/ RADIOISOTOPES/ SULFATES

7715. **Taketa F:** Structure of the Felidae hemoglobins and response to 2,3-diphosphoglycerate.
Comp Biochem Physiol [B] 45:813-23, 15 Aug 73
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ *CARNIVORA, metabolism/ CATS/ CHROMATOGRAPHY, ION EXCHANGE/ DIPHOSPHOGLYCERIC ACIDS/ ELECTROPHORESIS, PAPER/ ELECTROPHORESIS, STARCH GEL/ *GLYCERIC ACIDS/ *HEMOGLOBIN, analysis/ HEMOGLOBIN, isolation & purification/ HEMOGLOBIN C, analysis/ HUMAN/ HYBRIDIZATION/ *ORGANOPHOSPHORUS COMPOUNDS/ OXYHEMOGLOBIN/ PEPTIDES, analysis/ PROTEIN BINDING/ SPECIES SPECIFICITY/ TRYPSIN

7716. **Taketa F, Nickerson MA:** Comparative studies on the hemoglobins of representative salamanders of the families Cryptobranchidae, Proteidae and Hynobiidae.
Comp Biochem Physiol [B] 45:549-56, 15 Jul 73
ANIMAL EXPERIMENTS/ ELECTROPHORESIS, STARCH GEL/ *HEMOGLOBIN/ HEMOGLOBIN, analysis/ HEMOGLOBIN, isolation & purification/ HYDROGEN-ION CONCENTRATION/ OXYGEN, blood/ PEPTIDES, isolation & purification/ PROTEIN BINDING/ *SALAMANDERS/ SPECIES SPECIFICITY/ SULFHYDRYL COMPOUNDS, analysis/ TRYPSIN/ ULTRACENTRIFUGATION

7717. **Taketa F, Nickerson MA:** Comparative studies on the hemoglobins of representative salamanders of the families Cryptobranchidae, Proteidae and Hynobiidae.
Comp Biochem Physiol [B] 45:549-56, 15 Jul 73
ANIMAL EXPERIMENTS/ CENTRIFUGATION, DENSITY GRADIENT/ ELECTROPHORESIS, STARCH GEL/ *HEMOGLOBIN, analysis/ HEMOGLOBIN, metabolism/ HYDROGEN-ION CONCENTRATION/ KINETICS/ OXYGEN CONSUMPTION/ PEPTIDES, analysis/ *SALAMANDERS, metabolism/ SPECIES SPECIFICITY/ SULFHYDRYL COMPOUNDS, analysis/ TRYPSIN

7718. **Takeuchi K:** [Electron microscopic study of strawberry

mark] Jap J Dermatol [A] 82:495-510, Aug 72 (Jap)
CHILD, PRESCHOOL/ FEMALE/ *HEMANGIOMA, pathology/ HUMAN/ INFANT/ MALE/ MICROSCOPY, ELECTRON/ SKIN, pathology/ *SKIN NEOPLASMS

7719. **Takeuchi N, Yamamura Y:** Cholesterol esterification and cholesterol ester hydrolysis by liver homogenates in rats with accelerated cholesterol metabolism.
Atherosclerosis 17:211-24, Mar-Apr 73
ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ CARBON ISOTOPES/ *CHOLESTEROL, metabolism/ *CHOLESTEROL, DIETARY, pharmacodynamics/ CHOLIC ACID, pharmacodynamics/ DIET, ATHEROGENIC/ FEMALE/ HYDROLYSIS/ IN VITRO/ *LECITHINS, pharmacodynamics/ *LIVER, metabolism/ RATS

7720. **Takeuchi Y, Movat HZ:** Conversion of Hageman factor (factor XII) of the guinea pig to prekallikrein activator and inhibition of the formed kallikrein by a natural plasma inhibitor.
Eur J Immunol 2:345-9, Aug 72
ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS/ CAPILLARY PERMEABILITY/ CHROMATOGRAPHY/ DEXTRAN/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ *ENZYME PRECURSORS, analysis/ ESTERASES, analysis/ FACTOR XII, isolation & purification/ *FACTOR XII, metabolism/ GEL FILTRATION/ GUINEA PIGS/ IMMUNOGLOBULINS, analysis/ ISOELECTRIC FOCUSING/ *KALLIKREIN, metabolism/ KALLIKREIN-TRYPSIN INACTIVATOR, analysis/ KININS, analysis/ MOLECULAR WEIGHT

7721. **Takiguchi M, Nagayama S, Masaki M, et al:** [Effect of Ethrane anesthesia on blood coagulation-fibrinolysis system]
Jap J Anesthesiol 21:1333-7, Dec 72 (Jap)
ADULT/ AGED/ *ANESTHETICS, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ *ETHERS, pharmacodynamics/ FEMALE/ *FIBRINOLYSIS, drug effects/ HUMAN/ HYDROCARBONS, HALOGENATED/ METHYL ETHER, pharmacodynamics/ MIDDLE AGE

7722. **Takizawa S:** [Fibrinolysis in arteriosclerotic diseases. Its relationship with serum-fats]
J Jap Soc Intern Med 62:140-53, Feb 73 (Jap)
ADULT/ AGED/ *ARTERIOSCLEROSIS, blood/ CHOLESTEROL, blood/ COLORIMETRY/ ELECTROPHORESIS/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HUMAN/ *LIPIDS, blood/ LIPOPROTEINS, blood/ MIDDLE AGE/ TRIGLYCERIDES, blood

7723. **Talaat SM, Beheri G el-D, Zaki MS, et al:** Prevention of early histopathological changes in the liver in extensive burns.
Br J Plast Surg 26:132-9, Apr 73
*ADENOSINE TRIPHOSPHATE, therapeutic use/ ADOLESCENCE/ ADULT/ ANIMAL EXPERIMENTS/ *BURNS, complications/ FATTY LIVER, etiology/ FATTY LIVER, pathology/ *FATTY LIVER, prevention & control/ FEMALE/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, INTRAPERITONEAL/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ LIVER, analysis/ LIVER GLYCOGEN, analysis/ MALE/ PENICILLIN G, PROCAINE, therapeutic use/ RATS

7724. **Talamo RC, Feingold M:** Infantile cirrhosis with hereditary alpha 1 -antitrypsin deficiency. Clinical improvement in two siblings.
Am J Dis Child 125:845-7, Jun 73
ALANINE AMINOTRANSFERASE, blood/ AMINO ACIDS, blood/ ASPARTATE AMINOTRANSFERASE, blood/ GEL DIFFUSION TESTS/ HUMAN/ INFANT/ LACTATE DEHYDROGENASE, blood/ LIVER, metabolism/ *LIVER CIRRHOSIS, etiology/ LIVER CIRRHOSIS, familial & genetic/ LIVER CIRRHOSIS, metabolism/ MALE/ *METABOLIC DISEASES, familial & genetic/ PROGNOSIS/ TRYPSIN INHIBITORS, blood/ *TRYPSIN INHIBITORS, metabolism

7725. **Talamo RC, Langley CE, Levine BW, et al:** Genetic vs. quantitative analysis of serum alpha 1 -antitrypsin.
N Engl J Med 287:1067-9, 23 Nov 72
ADULT/ CHRONIC DISEASE/ FEMALE/ HETEROZYGOTE/ HUMAN/ IMMUNOELECTROPHORESIS/ LUNG DISEASES, OBSTRUCTIVE, blood/ MALE/ METABOLISM, INBORN ERRORS, blood/ MIDDLE AGE/ *TRYPSIN INHIBITORS, blood

7726. **Talamo RC, Langley CE, Reed CE, et al:** 1 -Antitrypsin deficiency: a variant with no detectable 1 -antitrypsin.
Science 181:70-1, 6 Jul 73
ADULT/ ALLELES/ *ALPHA GLOBULIN, analysis/ ELECTROPHORESIS, STARCH GEL/ GENOTYPE/ HUMAN/ IMMUNOELECTROPHORESIS/ MALE/ *METABOLISM, INBORN ERRORS, blood/ METABOLISM, INBORN ERRORS, familial & genetic/ PULMONARY EMPHYSEMA, blood/ PULMONARY EMPHYSEMA, familial & genetic/ *TRYPSIN INHIBITORS, blood

7727. **Talbert LM, Adcock DF, Weiss AE, et al:** Studies on the pathogenesis of clotting defects during salt-induced abortions.
Am J Obstet Gynecol 115:656-62, 1 Mar 73
*ABORTION, INDUCED/ ADOLESCENCE/ ADULT/ AMNIOTIC FLUID/ CHROMIUM ISOTOPES/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ EMBOLISM, AMNIOTIC FLUID, etiology/ ERYTHROCYTES/ FEMALE/ FIBRINOGEN, analysis/ HUMAN/ HYPERTONIC SOLUTIONS/ LIVER, metabolism/ MATERNAL-FETAL EXCHANGE/ PREGNANCY/ SERUM ALBUMIN, RADIO-IODINATED/ *SODIUM CHLORIDE, adverse effects/ SPLEEN, metabolism

7728. **Talbot S:** The diagnosis of repetitive pulmonary embolism.
Practitioner 209:682-5, Nov 72
ANGIOGRAPHY/ ANTICOAGULANTS, therapeutic use/ FEMALE/ HUMAN/ HYPOCHONDRIASIS/ MALE/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, radiography/ RADIOISOTOPE SCANNING/ RECURRENCE

7729. **Talbot S:** Radioisotope detection of venous thrombosis.
Br Med J 4:50, 7 Oct 72
*FIBRINOGEN, diagnostic use/ HUMAN/ *IODINE ISOTOPES, DIAGNOSTIC/ *THROMBOPHLEBITIS, diagnosis

7730. **Talstad I:** The relationship between phagocytosis of polystyrene latex particles by polymorphonuclear leucocytes (PML) and aggregation of PML.
Scand J Haematol 9:516-23, 1972
CALCIUM, pharmacodynamics/ *CELL AGGREGATION, drug effects/ *EDTA, pharmacodynamics/ *FIBRINOGEN, pharmacodynamics/ GAMMA GLOBULIN, pharmacodynamics/ *HEPARIN, pharmacodynamics/ HUMAN/ IN VITRO/ LATEX PARTICLES/ *LEUKOCYTES, drug effects/ MAGNESIUM, pharmacodynamics/ MICROSCOPY/ MICROSCOPY, PHASE CONTRAST/ *PHAGOCYTOSIS, drug effects/ SERUM ALBUMIN, pharmacodynamics

7731. **Talstad I, Rootwelt K, Gjone E:** Thrombocytosis in ulcerative colitis and Crohn's disease.
Scand J Gastroenterol 8:135-8, 1973
ANEMIA, complications/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD PROTEINS, analysis/ *COLITIS, ULCERATIVE, complications/ *ENTERITIS, REGIONAL, complications/ HEMOGLOBIN/ HUMAN/ HYPOPROTEINEMIA, complications/ INTESTINE, LARGE/ INTESTINE, SMALL/ IRON, blood/ LEUKOCYTE COUNT/

LEUKOCYTOSIS, complications/ SCHILLING TEST/ *THROMBOCYTOSIS, complications/ VITAMIN B 12, blood/ VITAMIN B 12 DEFICIENCY, complications

7732. **Tamarelle C, Quinton A, Bancons J, et al:** La cholinestérase sérique, test d'insuffisance cellulaire hépatique.
Sem Hop Paris 49:859-64, 8 Mar 73 (Fre)
BILIARY TRACT DISEASES, enzymology/ *CHOLINESTERASE, blood/ ENGLISH ABSTRACT/ ENZYME TESTS/ FATTY LIVER, enzymology/ FEMALE/ HEPATITIS, INFECTIOUS, enzymology/ HUMAN/ LIVER CIRRHOSIS, enzymology/ *LIVER DISEASES, enzymology/ *LIVER FUNCTION TESTS/ LIVER NEOPLASMS, enzymology/ MALE/ NUTRITION DISORDERS, enzymology/ PROTHROMBIN TIME

7733. **Tamaura Y, Yamazahi S, Hirose S, et al:** Inhibition of mitochondrial adenosine triphosphatase activity by traponin comporent, TN-I.
Biochem Biophys Res Commun 53:673-9, 17 Jul 73
ADENOSINE TRIPHOSPHATASE, antagonists & inhibitors/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ HYDROGEN-ION CONCENTRATION/ MAGNESIUM, pharmacodynamics/ MITOCHONDRIA, MUSCLE, drug effects/ *MITOCHONDRIA, MUSCLE, enzymology/ MUSCLE PROTEINS, metabolism/ MUSCLE PROTEINS, pharmacodynamics/ MYOCARDIUM, enzymology/ ORGANOIDS, enzymology/ OXIDATIVE PHOSPHORYLATION COUPLING FACTORS, pharmacodynamics/ RABBITS/ TROPOMYOSIN, pharmacodynamics/ TRYPSIN, pharmacodynamics

7734. **Tamir D, Levy J, Benderly A:** [Hypopothrombinemia and bleeding in an infant on a soy bean diet]
Harefuah 83:242-3, 15 Sep 72 (Heb)
DIET/ ENGLISH ABSTRACT/ *HEMORRHAGE, etiology/ HUMAN/ *HYPOPROTHROMBINEMIAS, etiology/ INFANT/ INFANT, NEWBORN/ MALE/ *SOY BEANS, adverse effects/ *VITAMIN K DEFICIENCY, etiology

7735. **Tampalini L:** Accidenti da fattori tossil (medicamenti ed altre sostanze) assunti in gravidanza.
Minerva Pediatr 24:1979-2000, 17 Nov 72 (Ita)
ANALGESICS AND ANTIPYRETICS, adverse effects/ ANESTHETICS, adverse effects/ ANIMAL EXPERIMENTS/ ANTIBIOTICS, adverse effects/ ANTICOAGULANTS, adverse effects/ DIURETICS, adverse effects/ *DRUG THERAPY, adverse effects/ FEMALE/ *FETUS, drug effects/ GUINEA PIGS/ HUMAN/ HYPNOTICS AND SEDATIVES, adverse effects/ INFANT, NEWBORN/ *MATERNAL-FETAL EXCHANGE, drug effects/ PREGNANCY/ PREGNANCY COMPLICATIONS, drug therapy/ RATS/ SULFONAMIDES, adverse effects/ TRANQUILIZING AGENTS, adverse effects/ VITAMINS, adverse effects

7736. **Tan GC, England EJ, Low AI:** Angiomyolipoma: a rare and interesting tumour of the kidney.
Aust NZ J Surg 42:75-9, Aug 72
ADULT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HEMANGIOMA/ HEMANGIOMA, pathology/ HEMANGIOMA, radiography/ HEMANGIOMA, surgery/ HUMAN/ *KIDNEY NEOPLASMS/ KIDNEY NEOPLASMS, pathology/ KIDNEY NEOPLASMS, radiography/ KIDNEY NEOPLASMS, surgery/ *LIPOMA/ LIPOMA, pathology/ LIPOMA, radiography/ LIPOMA, surgery/ NEPHRECTOMY/ TUBEROUS SCLEROSIS/ UROGRAPHY

7737. **Tanaka K:** [Pathology of hemorrhage and thrombosis]
Jap J Clin Med 31:743-54, Apr 73 (44 ref.) (Jap)
ANIMAL EXPERIMENTS/ AORTA, pathology/ BLOOD CIRCULATION/ BLOOD COAGULATION/ BLOOD PLATELETS/ CONSTRICTION/ FEMALE/ FIBRINOLYSIS/ HEMORRHAGE, complications/ HEMORRHAGE, etiology/ *HEMORRHAGE, pathology/ HUMAN/ LIPIDS, blood/ MALE/ PLATELET ADHESIVENESS/ RABBITS/ REVIEW/ RHEOLOGY/ THROMBOSIS, complications/ THROMBOSIS, etiology/ *THROMBOSIS, pathology/ VASOMOTOR SYSTEM, physiology

7738. **Tanaka M, Haniu M, Yasunobu KT, et al:** The amino acid sequence of bovine adrenodoxin.
J Biol Chem 248:1141-57, 25 Feb 73
ADRENAL GLANDS, analysis/ AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ ASPARTIC ACID, analysis/ CARBOXYPEPTIDASES/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ CHYMOTRYPSIN/ CYANOGEN BROMIDE/ *FERREDOXINS, analysis/ FERREDOXINS, isolation & purification/ GLUTAMATES, analysis/ HYDROLYSIS/ IRON CHELATES/ LEUCINE, analysis/ PEPTIDES, analysis/ THERMOLYSIN/ TIME FACTORS/ TRYPSIN

7739. **Tanaka M, Haniu M, Yasunobu KT, et al:** The primary structure of Peptostreptococcus elsdenii flavodoxin.
J Biol Chem 248:4354-66, 25 Jun 73
AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ AUTOANALYSIS/ *BACTERIAL PROTEINS, analysis/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ CRYSTALLIZATION/ CYANOGEN BROMIDE/ *FLAVOPROTEINS, analysis/ FMN/ HYDROLYSIS/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ *PEPTOSTREPTOCOCCUS, analysis/ TEMPERATURE/ THERMOLYSIN/ THIOCYANATES/ TRICHLOROACETIC ACID/ TRYPSIN

7740. **Tandon SN, Sutherland AB:** Pretibial lacerations.
Br J Plast Surg 26:172-5, Apr 73
ACCIDENTS, HOME/ ACCIDENTS, TRAFFIC/ ADOLESCENCE/ ADULT/ AGED/ CELLULITIS, complications/ CHILD/ FEMALE/ HEMATOMA, complications/ HUMAN/ *LEG INJURIES, surgery/ MALE/ MIDDLE AGE/ SKIN, transplantation/ TIBIA/ TRANSPLANTATION, AUTOLOGOUS/ WOUND HEALING

7741. **Tangen O, Berman HJ:** Gel filtration of blood platelets: a methodological report.
Adv Exp Med Biol 34:235-43, 1972
ANTIBODIES/ *BLOOD PLATELETS/ CELL SEPARATION/ FIBRINOGEN/ FLUORESCEINS/ *GEL FILTRATION/ HAMSTERS/ HUMAN/ IODINE ISOTOPES/ METHODS/ RABBITS

7742. **Tangen O, Bygdeman S:** Study of the clotting, esterase and platelet aggregating activities of thrombin, acetylated thrombin and reptilase.
Scand J Haematol 9:333-8, 1972
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION FACTORS/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, enzymology/ CULTURE MEDIA/ *ESTERASES, analysis/ FIBRINOGEN, metabolism/ HUMAN/ HYDROLYSIS/ METHODS/ *PEPTIDE HYDROLASES, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ RABBITS/ SNAKES/ *THROMBIN, pharmacodynamics/ TIME FACTORS/ VENOMS, pharmacodynamics

7743. **Tangen O, McKinnon EL, Berman HJ:** On the fine structure and aggregation requirements of gel filtered platelets (GFP).
Scand J Haematol 10:96-105, 1973
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS, cytology/ *BLOOD PLATELETS, drug effects/ CALCIUM, pharmacodynamics/ CATTLE/ CELL SEPARATION/ CENTRIFUGATION/ CYTOPLASM/ FIBRINOGEN, pharmacodynamics/ GEL FILTRATION/

HAMSTERS/ MAGNESIUM, pharmacodynamics/ MICROSCOPY, ELECTRON/ ORGANOIDS/ *PLATELET ADHESIVENESS, drug effects/ SERUM ALBUMIN, BOVINE, pharmacodynamics/ STIMULATION, CHEMICAL

7744. **Tanigawa Y, Shimoyama M, Dohi K, et al:** Purification and properties of nicotinamide deamidase from Flavobacterium peregrinum.
J Biol Chem 247:8036-42, 25 Dec 72
ACETONE/ AMIDOHYDROLASES, antagonists & inhibitors/ *AMIDOHYDROLASES, isolation & purification/ AMMONIUM SULFATE/ BINDING, COMPETITIVE/ CATIONS, DIVALENT/ CHELATING AGENTS/ CHEMISTRY/ CHLORIDES/ CHROMATOGRAPHY, ION EXCHANGE/ CYSTEINE/ DIALYSIS/ DRUG STABILITY/ *FLAVOBACTERIUM, enzymology/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MANGANESE/ MOLECULAR WEIGHT/ NICOTINAMIDE/ PROTAMINES/ STRUCTURE-ACTIVITY RELATIONSHIP/ SULFURIC ACIDS/ TIME FACTORS

7745. **Taniguchi T:** [Experimental and clinical studies on cancer chemotherapy--enhancement of the cytocidal effect of Mitomycin-C by one of lysosome labilizer, plasmin]
J Jap Soc Cancer Ther 7:290-309, 20 Dec 72 (Jap)
ACID PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ DEOXYRIBONUCLEASE, analysis/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ FIBRINOLYSIN, administration & dosage/ FIBRINOLYSIN, pharmacodynamics/ *FIBRINOLYSIN, therapeutic use/ GLUCURONIDASE, analysis/ LYSOSOMES, drug effects/ *LYSOSOMES, enzymology/ MITOMYCIN, administration & dosage/ *MITOMYCIN, therapeutic use/ RATS/ SARCOMA, YOSHIDA, drug therapy/ SARCOMA, YOSHIDA, enzymology

7746. **Taniuchi H:** The dynamic equilibrium of folding and unfolding of nuclease-T.
J Biol Chem 248:5164-74, 25 Jul 73
AMINO ACIDS, analysis/ CALCIUM/ CARBON ISOTOPES/ CHROMATOGRAPHY, AFFINITY/ DRUG STABILITY/ ENZYME ACTIVATION/ KINETICS/ MATHEMATICS/ MODELS, CHEMICAL/ *PEPTIDES/ PEPTIDES, analysis/ *PHOSPHODIESTERASES/ PHOSPHODIESTERASES, analysis/ PHOSPHODIESTERASES, isolation & purification/ PROTEIN BINDING/ PROTEIN CONFORMATION/ *STAPHYLOCOCCUS, enzymology/ TEMPERATURE/ THERMODYNAMICS/ THYMINE NUCLEOTIDES/ TRYPSIN/ VISCOSITY

7747. **Tanoue K, Tanaka T, Komatsu H, et al:** [Familial thrombocytopenia with giant platelets: a report of 2 siblings]
Acta Haematol Jap 36:159-65, Apr 73 (Jap)
ADOLESCENCE/ *BLOOD PLATELETS, cytology/ ENGLISH ABSTRACT/ HUMAN/ MALE/ PEDIGREE/ THROMBOPENIA, blood/ *THROMBOPENIA, familial & genetic

7748. **Tanphaichitr VS, Van Eys J:** The assay of pyruvate kinase activity in blood cells.
Clin Chim Acta 41:41-5, Oct 72
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, enzymology/ EDTA, pharmacodynamics/ ENZYME ACTIVATION/ ERYTHROCYTES, drug effects/ *ERYTHROCYTES, enzymology/ HUMAN/ LEUKOCYTES, drug effects/ *LEUKOCYTES, enzymology/ LYMPHOCYTES, enzymology/ MALE/ METHODS/ *PYRUVATE KINASE, blood/ RATS/ TROMETHAMINE

7749. **Tanzawa H, Mori Y, Harumiya N, et al:** Preparation and evaluation of a new athrombogenic heparinized hydrophilic polymer for use in cardiovascular system.
Trans Am Soc Artif Intern Organs 19:188-94, 1973
ACRYLATES/ ANIMAL EXPERIMENTS/ *BIOCOMPATIBLE MATERIALS/ *CARDIOVASCULAR SYSTEM/ CATHETERIZATION, instrumentation/ DOGS/ *HEPARIN/ HEPARIN, blood/ PHOTOCHEMISTRY/ POLYETHYLENES/ *POLYMERS/ POLYMERS, chem synthesis/ POLYTETRAFLUOROETHYLENE/ SILICONE ELASTOMERS/ THIOCARBAMATES/ THROMBOSIS, etiology/ *THROMBOSIS, prevention & control/ ULTRAVIOLET RAYS/ VENA CAVA, INFERIOR/ WATER

7750. **Tänzer A:** Die Röntgendiagnostik der Orbita im Navtivbild. Radiologe 12:397-402, Dec 72 (Ger)
CHILD/ EXOPHTHALMOS, etiology/ EXOPHTHALMOS, radiography/ FIBROMA, radiography/ FRONTAL SINUS, radiography/ HEMANGIOMA, diagnosis/ HEMANGIOMA, radiography/ HUMAN/ LACRIMAL APPARATUS/ LYMPHANGIOMA, pathology/ MALE/ MENINGIOMA, complications/ MENINGIOMA, radiography/ METHODS/ MIDDLE AGE/ NEURILEMMOMA, diagnosis/ *ORBIT, radiography/ ORBITAL NEOPLASMS, complications/ ORBITAL NEOPLASMS, radiography/ OSSIFICATION, PATHOLOGIC/ PLASMACYTOMA, pathology/ RETINOBLASTOMA, radiography/ TOMOGRAPHY, RADIOGRAPHIC/ TRIGEMINAL NERVE

7751. **Tao RV, Sweeley CC, Jamieson GA:** Sphingolipid composition of human platelets.
J Lipid Res 14:16-25, Jan 73
*BLOOD PLATELETS, analysis/ CERAMIDES, isolation & purification/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ FATTY ACIDS, isolation & purification/ GLYCOLIPIDS, blood/ GLYCOLIPIDS, isolation & purification/ GLYCOSIDES, isolation & purification/ HUMAN/ METHODS/ METHYLATION/ NEURAMINIC ACIDS, isolation & purification/ *SPHINGOLIPIDS, blood/ SPHINGOSINE, blood

7752. **Taranger J, Girbal JP:** Etude statistique de l'effet d'un fluidifiant bronchique dans les bronchorrhées chroniques. Mars Med 109:729-30, 1972 (Fre)
*BRONCHITIS, drug therapy/ CHRONIC DISEASE/ *CHYMOTRYPSIN, therapeutic use/ DRUG COMBINATIONS/ *EXPECTORANTS, therapeutic use/ HUMAN/ MALE/ OLEANDOMYCIN, therapeutic use/ *PIPERAZINES, therapeutic use/ TETRACYCLINE, therapeutic use/ *THEOPHYLLINE, therapeutic use

7753. **Tarján E, Tolnay P, Lányi M, et al:** A chr. bronchitis és a trypsin-inhibitor anyagok.
Orv Hetil 113:2802-3, 12 Nov 72 (Hun)
*BRONCHITIS, blood/ HUMAN/ *TRYPSIN INHIBITORS, blood

7754. **Tarkkanen A, Merenmies L, Mäkinen J:** Embolism of the central retinal artery secondary to metastatic carcinoma. Acta Ophthalmol (Kbh) 51:25-33, 1973
ANTICOAGULANTS, therapeutic use/ CARCINOMA, BRONCHOGENIC, complications/ *CARCINOMA, BRONCHOGENIC, pathology/ CONSTRICTION/ DIGITALIS GLYCOSIDES, therapeutic use/ EMBOLISM, drug therapy/ EMBOLISM, etiology/ *EMBOLISM, pathology/ HUMAN/ ISCHEMIA/ LUNG NEOPLASMS, complications/ *LUNG NEOPLASMS, pathology/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ *RETINAL VESSELS, pathology/ TOLAZOLINE, therapeutic use

7755. **Tarrant PJ, Jenkins N, Pearson AM, et al:** Proteolytic enzyme preparation from Pseudomonas fragi: its action on pig muscle.
Appl Microbiol 25:996-1005, Jun 73
ACTIN, metabolism/ ANIMAL EXPERIMENTS/ CULTURE MEDIA/ DIALYSIS/ FOOD CONTAMINATION/ *FOOD MICROBIOLOGY/ HEMOGLOBIN, metabolism/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ MEAT/ MICROSCOPY, ELECTRON/ *MUSCLE PROTEINS, metabolism/ *MUSCLES, cytology/ MYOFIBRILS/ MYOFIBRILS, metabolism/

MYOSIN, metabolism/ PEPTIDE HYDROLASES, biosynthesis/ PEPTIDE HYDROLASES, isolation & purification/ *PEPTIDE HYDROLASES, metabolism/ PROTEIN DENATURATION/ *PSEUDOMONAS, enzymology/ PSEUDOMONAS, growth & development/ SWINE/ TEMPERATURE/ ULTRAFILTRATION

7756. **Tarro G:** Appearance in trypsinized normal cells of reactivity with antibody presumably specific for malignant cells.
Proc Natl Acad Sci USA 70:325-7, Feb 73
*ANTIBODIES, NEOPLASM/ *ANTIGEN-ANTIBODY REACTIONS, drug effects/ ANTIGENS, NEOPLASM/ ANTIGENS, VIRAL/ *BINDING SITES, ANTIBODY/ CELL LINE/ *CELLS, CULTURED/ COMPLEMENT FIXATION TESTS/ GUINEA PIGS/ HELA CELLS, immunology/ HERPESVIRUS HOMINIS, growth & development/ HERPESVIRUS HOMINIS, immunology/ HUMAN/ KIDNEY/ LUNG/ PLAQUE ASSAY/ RABBITS/ *TRYPSIN, pharmacodynamics

7757. **Tartaglia AP:** Neurologic aspects of hematologic disorders. NY State J Med 73:964-8, 15 Apr 73
ADOLESCENCE/ AGED/ BLOOD VISCOSITY/ CENTRAL NERVOUS SYSTEM DISEASES, complications/ *CEREBRAL HEMORRHAGE, complications/ *CRYPTOCOCCOSIS, complications/ FEMALE/ *HEMOPHILIA, complications/ HUMAN/ *LEUKEMIA, complications/ *MACROGLOBULINEMIA, complications/ MALE/ *MENINGITIS, complications/ MIDDLE AGE

7758. **Taşcă C, Păunescu-Vaida E, Ioan D:** Aspecte ale complexelor mucopolizaharidice în musculatura extraoculară din exoftalmia endocrină experimentală la iepure.
Stud Cercet Endocrinol 23:97-100, 1972 **(Rum)**
ANIMAL EXPERIMENTS/ CHYMOTRYPSIN, pharmacodynamics/ DEXAMETHASONE, pharmacodynamics/ *EXOPHTHALMOS, metabolism/ *GLYCOPROTEINS, metabolism/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ METHYLTHIOURACIL, pharmacodynamics/ MUCOPOLYSACCHARIDES, metabolism/ OCULOMOTOR MUSCLES, drug effects/ *OCULOMOTOR MUSCLES, metabolism/ RABBITS/ THYROIDECTOMY/ THYROXINE, pharmacodynamics

7759. **Tasman-Jones C, Abraham A:** Hyperlipemia and pancreatitis. Am J Dig Dis 18:767-72, Sep 73
ACUTE DISEASE/ ADULT/ ALCOHOL DRINKING/ AMYLASE, blood/ CHOLESTEROL, blood/ DIETARY CARBOHYDRATES, adverse effects/ ESTERS/ FATTY ACIDS, blood/ FATTY ACIDS, NONESTERIFIED, blood/ HUMAN/ HYPERLIPEMIA, blood/ *HYPERLIPEMIA, complications/ LIPASE, blood/ *LIPOPROTEIN LIPASE, blood/ MALE/ MIDDLE AGE/ PANCREATIC CYST, complications/ PANCREATITIS, blood/ *PANCREATITIS, complications/ TIME FACTORS/ TRIGLYCERIDES, blood/ XANTHOMATOSIS, complications

7760. **Tatchell RJ, Araman SF, Boctor FN:** Biochemical and physiological studies of certain ticks (Ixodoidea). Protease activity cycles in Argas (Persicargas) persicus (Oken) and A. (P.) arboreus Kaiser, Hoogstraal, and Kohls (Argasidae).
Z Parasitenkd 39:345-50, 1972
ANIMAL EXPERIMENTS/ BODY WEIGHT/ FEMALE/ MALE/ NUTRITION/ *PEPTIDE HYDROLASES/ RICKETTSIA/ SEX FACTORS/ SPECIES SPECIFICITY/ *TICKS, enzymology/ TIME FACTORS/ VIRUSES

7761. **Tateishi I, Steiner M, Baldini MG:** Studies on lipid peroxides in platelets. 3. Effect on physiologic platelet functions. J Lab Clin Med 81:587-602, Apr 73
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATASE, antagonists & inhibitors/ ASCORBIC ACID, pharmacodynamics/ BLOOD COAGULATION FACTORS, analysis/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, enzymology/ BLOOD PLATELETS, metabolism/ *BLOOD PLATELETS, physiology/ CELL MEMBRANE, enzymology/ GLYCOLYSIS/ HUMAN/ IN VITRO/ ISOCITRATE DEHYDROGENASE, antagonists & inhibitors/ LINOLEIC ACID, pharmacodynamics/ *LIPIDS, blood/ LIPOPROTEINS, analysis/ MALE/ MICROSOMES, enzymology/ MITOCHONDRIA, enzymology/ OXIDOREDUCTASES, antagonists & inhibitors/ *PEROXIDES, blood/ PEROXIDES, pharmacodynamics/ PLATELET ADHESIVENESS, drug effects/ SODIUM, blood/ SUCCINATE DEHYDROGENASE, antagonists & inhibitors/ VITAMIN E, pharmacodynamics

7762. **Tatsuno I, Kato S, Kaii S, et al:** [Malignant tumor scintigraphy using 131-I-labelled fibrinogen]
Jap J Clin Radiol 17:647-54, Sep 72 **(Jap)**
ADULT/ AGED/ FEMALE/ *FIBRINOGEN/ HUMAN/ *IODINE ISOTOPES/ MALE/ MIDDLE AGE/ *NEOPLASMS, diagnosis/ *RADIOISOTOPE SCANNING

7763. **Tauber P:** Inhibition of lysosomal plasminogen activator activity in experimental shock.
Pharmacology 9:1-15, 1973
ACID PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ ENZYME ACTIVATION/ FEMALE/ HYDROGEN-ION CONCENTRATION/ LUNG, cytology/ LUNG, enzymology/ LYSOSOMES, enzymology/ *LYSOSOMES, metabolism/ *PLASMINOGEN, antagonists & inhibitors/ RATS/ SHOCK, HEMORRHAGIC, enzymology/ *SHOCK, HEMORRHAGIC, metabolism/ SURFACE-ACTIVE AGENTS/ TIME FACTORS

7764. **Tauber R, Uhlig R, Mann G, et al:** Histamine release from the liver by trypsin. Br J Surg 59:913, Nov 72
ANIMAL EXPERIMENTS/ DOGS/ ERYTHROCYTES, metabolism/ FLUOROMETRY/ HEPATIC VEINS/ HISTAMINE, blood/ HISTAMINE, metabolism/ *HISTAMINE LIBERATION/ *LIVER, drug effects/ MALE/ *TRYPSIN, pharmacodynamics/ VENA CAVA, INFERIOR

7765. **Taunton-Rigby A:** Oligonucleotide synthesis. 3. Enzymatically removable acyl protecting groups.
J Org Chem 38:977-85, 9 Mar 73
ACYLATION/ *CHYMOTRYPSIN/ COUMARINS/ METHODS/ OLIGONUCLEOTIDES, chem synthesis/ *POLYNUCLEOTIDES, chem synthesis/ STRUCTURE-ACTIVITY RELATIONSHIP

7766. **Tavassoli M, Ratzan RJ, Maniatis A, et al:** Regeneration of hemopoietic stroma in anemic mice of S1-S1 d and W-W v genotypes.
J Reticuloendothel Soc 13:518-26, Jun 73
*ANEMIA, APLASTIC, familial & genetic/ ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BONE MARROW/ BONE MARROW CELLS, transplantation/ ERYTHROCYTES/ GENOTYPE/ GRAFT REJECTION/ HEMATOCRIT/ *HEMATOPOIESIS/ HEMATOPOIETIC STEM CELLS/ LEUKOCYTES/ MICE/ MUTATION/ ORGAN WEIGHT/ REGENERATION/ RETICULOCYTES/ SPLEEN, anatomy & histology/ SPLEEN, transplantation/ TRANSPLANTATION, HOMOLOGOUS

7767. **Tavernier J, Diard F, Delorme G, et al:** L'angiographie des hémangiomes du foie.
J Radiol Electrol Med Nucl 53:493-9, Jun-Jul 72 **(Fre)**
ADULT/ AGED/ ANGIOGRAPHY/ CELIAC ARTERY, radiography/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOENDOTHELIOMA, radiography/ *HEMANGIOMA, CAVERNOUS, radiography/ HEPATIC ARTERY, radiography/ HEPATOMA, radiography/ HUMAN/ *LIVER NEOPLASMS, radiography/ MALE/

MESENTERIC ARTERIES, radiography/ MIDDLE AGE/ SPLENOPORTOGRAPHY

7768. **Taylor BJ:** Cryostorage in polythene tubing.
Trans R Soc Trop Med Hyg 66:544, 1972
ANIMAL EXPERIMENTS/ *BLOOD PRESERVATION/ MICE/ *POLYETHYLENES/ TRYPANOSOMA BRUCEI, pathogenicity

7769. **Taylor FB Jr, Beisswenger JG:** Identification of modified streptokinase as the activator of bovine and human plasminogen.
J Biol Chem 248:1127-34, 25 Feb 73
BINDING SITES/ BLOOD/ CASEIN/ CATTLE/ CHEMISTRY/ DIALYSIS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ FEEDBACK/ FIBRIN/ FIBRINOLYSIN/ FIBRINOLYSIS/ GUINEA PIGS/ HEAT/ HUMAN/ IODINE ISOTOPES/ MOLECULAR WEIGHT/ *PLASMINOGEN/ SODIUM DODECYL SULFATE/ SOY BEANS/ SPECTROPHOTOMETRY, ULTRAVIOLET/ STREPTOCOCCUS PYOGENES/ *STREPTOKINASE/ TRYPSIN INHIBITORS

7770. **Taylor JB, Swaisgood HE:** A kinetic study on the effect of coupling distance between insoluble trypsin and its carrier matrix.
Biochim Biophys Acta 284:268-77, 19 Sep 72
ALANINE/ ARGININE/ CATALYSIS/ CHEMISTRY/ GLYCINE/ IMINES/ KINETICS/ MATHEMATICS/ METHYLAMINES/ PEPTIDES/ POLYSTYRENES/ SOLUBILITY/ TOSYL COMPOUNDS/ *TRYPSIN

7771. **Taylor JC:** Hematologic manifestations of systemic disease.
Pediatr Clin North Am 19:1071-82, Nov 72 (51 ref.)
ANEMIA, HYPOCHROMIC, blood/ ANEMIA, MACROCYTIC, blood/ BACTERIAL INFECTIONS, blood/ CHILD/ CHILD, PRESCHOOL/ COLLAGEN DISEASES, blood/ CYSTIC FIBROSIS, blood/ ENDOCRINE DISEASES, blood/ HEART DISEASES, blood/ HEART DISEASES, congenital/ *HEMATOLOGIC DISEASES, etiology/ HEPATOLENTICULAR DEGENERATION, blood/ HEREDITARY DISEASES, blood/ HUMAN/ KIDNEY DISEASES, blood/ LIPID METABOLISM, INBORN ERRORS, blood/ LIVER DISEASES, blood/ LUNG DISEASES, familial & genetic/ OSTEOPETROSIS, blood/ PANCREATIC DISEASES, blood/ POISONING, blood/ REVIEW/ SYNDROME/ THROMBOPENIA, blood

7772. **Taylor JF, New AE, Chang C, et al:** Baseline blood determinations of the Taiwan macaque (Macaca cyclopis). Lab Anim Sci 23:582-7, Aug 73
ALANINE AMINOTRANSFERASE, blood/ ALKALINE PHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PROTEINS, analysis/ BLOOD SUGAR, analysis/ BLOOD UREA NITROGEN/ CALCIUM, blood/ CHLORIDES, blood/ CHOLESTEROL, blood/ FEMALE/ HEMATOCRIT/ HEMOGLOBIN, analysis/ IRON, blood/ MACACA, metabolism/ *MACACA, physiology/ MALE/ MONKEYS/ POTASSIUM, blood/ SODIUM, blood/ URIC ACID, blood

7773. **Taylor PC, Loop FD, Hermann RE:** Management of acute stress ulcer after cardiac surgery.
Ann Surg 178:1-5, Jul 73
ADOLESCENCE/ ADULT/ AGED/ ANTACIDS, therapeutic use/ BLOOD TRANSFUSION/ DUODENAL ULCER, drug therapy/ DUODENAL ULCER, mortality/ DUODENAL ULCER, surgery/ FEMALE/ GASTRECTOMY/ GASTRIC LAVAGE/ *HEART SURGERY, adverse effects/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ MALE/ MIDDLE AGE/ *PEPTIC ULCER, etiology/ PEPTIC ULCER PERFORATION, complications/ STOMACH ULCER, drug therapy/ STOMACH ULCER, mortality/ STOMACH ULCER, surgery/ *STRESS, complications/ *STRESS, PSYCHOLOGICAL/ TRANQUILIZING AGENTS, therapeutic use/ VAGOTOMY/ VITAMIN K, therapeutic use

7774. **Taylor RP, Vatz JB, Lumry R:** Control of conformation of -chymotrypsin through chemical modification.
Biochemistry 12:2933-40, 17 Jul 73
ACRIDINES/ BINDING SITES/ CARBON ISOTOPES/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, metabolism/ CIRCULAR DICHROISM/ HYDROGEN-ION CONCENTRATION/ IODOACETATES/ KINETICS/ NUCLEAR MAGNETIC RESONANCE/ OXIDATION-REDUCTION/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SPECTROPHOTOMETRY/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SUCCINIMIDES/ TIME FACTORS

7775. **Taylor SS, Oxley SS, Allison WS, et al:** Aminoacid sequence of dogfish M4 lactate dehydrogenase.
Proc Natl Acad Sci USA 70:1790-3, Jun 73
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ *LACTATE DEHYDROGENASE/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ SHARKS/ SPECIES SPECIFICITY/ TRYPSIN

7776. **Taylor WG, Dworkin RA, Pumper RW, et al:** Biological efficacy of several commercially available peptones for mammalian cells in culture.
Exp Cell Res 74:275-9, Sep 72
CASEIN, metabolism/ CELL COUNT/ CELL LINE/ CELL SURVIVAL/ *CELLS, CULTURED, metabolism/ CLONE CELLS/ CONNECTIVE TISSUE/ *CULTURE MEDIA/ L CELLS/ LUNG/ MICE/ MUSCLES/ MYOCARDIUM/ PEPSIN/ *PEPTONES, metabolism/ RABBITS/ TRYPSIN

7777. **Taylor WJ, Easley CW, Kitchen H:** Structural evidence for heterogeneity of two hemoglobin chain gene loci in white-tailed deer. J Biol Chem 247:7320-4, 25 Nov 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ *DEER/ ELECTROPHORESIS, PAPER/ ELECTROPHORESIS, STARCH GEL/ FEMALE/ GENE FREQUENCY/ *GENES, STRUCTURAL/ *HEMOGLOBIN, analysis/ MALE/ MUTATION/ PEDIGREE/ *PEPTIDES, analysis/ PHENOTYPE/ PROTEIN CONFORMATION/ TRYPSIN

7778. **Tchórzewski H:** The role of lysosomes in lymphocyte transformation in vitro.
Arch Immunol Ther Exp (Warsz) 20:831-5, 1972
ACID PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ ANTIGENS/ GUINEA PIGS/ HEMAGGLUTINATION TESTS/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ *LYMPHOCYTE TRANSFORMATION/ *LYSOSOMES, enzymology/ LYSOSOMES, immunology/ MALE/ OXYGEN CONSUMPTION/ PEPTIDE HYDROLASES, metabolism/ PLANT AGGLUTININS, pharmacodynamics/ SKIN TESTS

7779. **Teculescu D:** Emfizemul pulmonar experimental.
Stud Cercet Med Interna 13:425-35, 1972 (75 ref.) (Rum)
AIRWAY OBSTRUCTION, complications/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ GUINEA PIGS/ HAMSTERS/ LUNG, drug effects/ NITROGEN OXIDES, adverse effects/ OZONE, adverse effects/ *PAPAIN/ PEPTIDE PEPTIDOHYDROLASES/ PHOSGENE, adverse effects/ *PULMONARY EMPHYSEMA, chemically induced/ RABBITS/ RATS/ REVIEW/ SULFUR DIOXIDE, adverse effects

7780. **Teel RW, Hall RG:** Effect of dibutyryl cyclic AMP on

the restoration of contact inhibition in tumor cells and its relationship to cell density and the cell cycle.
Exp Cell Res 76:390-4, Feb 73
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ BUTYRATES/ CARCINOMA/ CELL COUNT/ *CELL DIVISION, drug effects/ CELL LINE/ *CONTACT INHIBITION, drug effects/ DNA, NEOPLASM, biosynthesis/ HUMAN/ ISOTOPE LABELING/ METHODS/ MITOSIS, drug effects/ MOUTH NEOPLASMS/ THYMIDINE, metabolism/ TIME FACTORS/ TRITIUM/ TRYPSIN

7781. **Teeters VW, Bird AC:** The development of neovascularization of senile disciform macular degeneration. Am J Ophthalmol 76:1-18, Jul 73
AGED/ CAPILLARIES, physiopathology/ CICATRIX, physiopathology/ EPITHELIUM/ EXUDATES AND TRANSUDATES/ FEMALE/ FLUORESCEINS/ FLUORESCENCE ANGIOGRAPHY/ FOLLOW-UP STUDIES/ HEMANGIOMA/ HUMAN/ MACULA LUTEA, physiopathology/ MALE/ METHODS/ MIDDLE AGE/ RETINAL DEGENERATION, complications/ *RETINAL DEGENERATION, pathology/ RETINAL HEMORRHAGE, complications/ RETINAL PIGMENTS/ *RETINAL VESSELS/ VISION/ VISUAL ACUITY

7782. **Teige J Jr, Nordstoga K, Fjolstad M, et al:** The generalized Shwartzman reaction in pigs induced by diet and single injection of disintegrated cells or partially purified endotoxin from Escherichia coli.
Acta Vet Scand 14:92-106, 1973
ANIMAL EXPERIMENTS/ ANIMAL FEED/ DIET/ *ENDOTOXINS/ ENDOTOXINS, administration & dosage/ *ESCHERICHIA COLI/ *FATS, UNSATURATED/ INJECTIONS, INTRAVENOUS/ KIDNEY, pathology/ LIVER, pathology/ LUNG, pathology/ SHWARTZMAN PHENOMENON, blood/ *SHWARTZMAN PHENOMENON, etiology/ SHWARTZMAN PHENOMENON, pathology/ SKIN, pathology/ SWINE/ *VITAMIN E

7783. **Teitel P, Galeczki G:** Un test simplu pentru investigaţii hemoreologice: testul de filtrare. II. Validarea sa ca metodă polimicroviscozimetrică. Consideraţii asupra etalonării hîrtiei de filtru.
Stud Cercet Med Interna 13:555-64, 1972 (Rum)
*BLOOD FLOW VELOCITY/ *BLOOD VISCOSITY/ ENGLISH ABSTRACT/ FILTRATION/ FILTRATION, instrumentation/ METHODS/ MICROCIRCULATION

7784. **Teitel P, Galeczki G:** Un test simplu pentru investigaţii hemoreologice: testul de filtrare. I. Principii, tehnică de lucru, teorie.
Stud Cercet Med Interna 13:477-88, 1972 (Rum)
*BLOOD CIRCULATION/ BLOOD FLOW VELOCITY/ *BLOOD VISCOSITY/ ENGLISH ABSTRACT/ ERYTHROCYTE AGGREGATION, INTRAVASCULAR/ *ERYTHROCYTES/ FILTRATION/ RHEOLOGY

7785. **Tejada F, Blas WB, Santos GW, et al:** Immunologic response of patients with acute leukemia to platelet transfusions. Blood 42:405-12, Sep 73
ADOLESCENCE/ ADULT/ *ANTIBODY FORMATION/ *BLOOD PLATELETS, immunology/ BLOOD PLATELETS, metabolism/ *BLOOD TRANSFUSION, adverse effects/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ HISTOCOMPATIBILITY ANTIGENS/ HUMAN/ *LEUKEMIA, LYMPHOBLASTIC, therapy/ *LEUKEMIA, MONOBLASTIC, therapy/ *LEUKEMIA, MYELOBLASTIC, therapy/ MIDDLE AGE/ SEROTONIN, metabolism

7786. **Teller H:** Die Pharmakotherapie bei Enddarmerkrankungen.
Arch Dermatol Forsch 244:385-90, 1972 (Ger)
AESCULUS, therapeutic use/ ANIMAL EXPERIMENTS/ BALSAMS, therapeutic use/ BELLADONNA, therapeutic use/ BISMUTH, therapeutic use/ CARVACROL, therapeutic use/ CHLORINE, therapeutic use/ CLEMIZOLE, therapeutic use/ CORTICOSTERONE, therapeutic use/ DIBUCAINE, therapeutic use/ ETHYLAMINES, therapeutic use/ FEMALE/ *HEMORRHOIDS, drug therapy/ HEPARIN, therapeutic use/ HEXACHLOROPHENE, therapeutic use/ HIRUDIN, therapeutic use/ HUMAN/ LIDOCAINE, therapeutic use/ MENTHOL, therapeutic use/ PHENYLACETATES, therapeutic use/ PIPERIDINES, therapeutic use/ PLANT EXTRACTS, therapeutic use/ PLANTS, MEDICINAL/ PREDNISOLONE, therapeutic use/ PREGNANCY/ QUININE, therapeutic use/ RABBITS/ RESORCINOL, therapeutic use/ RUTIN, therapeutic use/ SCLEROSING SOLUTIONS/ ZINC, therapeutic use

7787. **Temperley IJ:** The treatment of coagulation factor deficiencies. J Ir Med Assoc 66:42-5, 27 Jan 73
AFIBRINOGENEMIA, therapy/ *BLOOD COAGULATION DISORDERS, therapy/ BLOOD COAGULATION FACTORS/ BLOOD TRANSFUSION/ CHRISTMAS DISEASE, therapy/ FACTOR V DEFICIENCY/ HEMOPHILIA, therapy/ HUMAN/ HYPOPROTHROMBINEMIAS, therapy

7788. **Temperley IJ, Cullen E:** Laboratory investigations of the DIC syndrome. Ir J Med Sci Suppl:83-7, May 73
BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ *DISSEMINATED INTRAVASCULAR COAGULATION, blood/ FIBRIN, analysis/ HUMAN/ THROMBIN, analysis

7789. **Temperley IJ, Cullen E:** Laboratory investigations of the dic syndrome. Ir J Med Sci 83-96, May 73
BLOOD COAGULATION TESTS/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ ERYTHROCYTES, immunology/ FACTOR V, analysis/ FACTOR VIII, analysis/ FIBRIN, metabolism/ HEMAGGLUTINATION TESTS/ HUMAN/ PLASMINOGEN, analysis/ PROTHROMBIN, metabolism/ TANNINS

7790. **Temperley IJ, Douglas SJ, Rees JP:** Raised immunoglobulin levels and thrombocytosis in infantile cortical hyperostosis.
Arch Dis Child 47:982-3, Dec 72
BLOOD PLATELETS/ HEMOGLOBINOMETRY/ HUMAN/ *HYPEROSTOSIS, CORTICAL CONGENITAL, complications/ HYPEROSTOSIS, CORTICAL CONGENITAL, immunology/ IGA, analysis/ IGG, analysis/ IGM, analysis/ *IMMUNOGLOBULINS, analysis/ INFANT/ LEUKOCYTE COUNT/ MALE/ *THROMBOCYTOSIS, complications

7791. **Temple A, Loewi G, Davies P, et al:** Cytotoxicity of immune guinea-pig cells. II. The mechanism of macrophage cytotoxicity.
Immunology 24:655-69, Apr 73
ANIMAL EXPERIMENTS/ CHICKENS/ CHROMIUM ISOTOPES/ *CYTOTOXICITY TESTS, IMMUNOLOGIC/ ERYTHROCYTES, immunology/ FLUORESCENT ANTIBODY TECHNIC/ GLUCURONIDASE/ GUINEA PIGS/ HYDROGEN-ION CONCENTRATION/ IGG/ IMMUNE ADHERENCE REACTION/ IN VITRO/ ISOELECTRIC FOCUSING/ LACTATE DEHYDROGENASE/ LEUCINE/ *MACROPHAGES, immunology/ PEPTIDE HYDROLASES/ PHAGOCYTOSIS

7792. **Tenczar FJ:** Blood bank quality control. I. Whole blood parameters. Am J Clin Pathol 58:535-44, Nov 72
ACIDS, blood/ *BLOOD BANKS/ *BLOOD PRESERVATION/ BLOOD PRESERVATION, standards/ BLOOD SUGAR/ CITRATES, blood/ ERYTHROCYTES/ HEMATOCRIT/ HUMAN/ LEUKOCYTE COUNT/ PLASMA/ PLASMA SUBSTITUTES/ SPECIFIC GRAVITY

7793. **Tenhunen R:** Aspects of laboratory tests for pancreatitis. Ann Chir Gynaecol Fenn 61:264-8, 1972
AMYLASE, blood/ AMYLASE, urine/ BLOOD SUGAR, metabolism/ CALCIUM, blood/ CHYMOTRYPSIN, metabolism/ ENZYME

TESTS/ FECES, enzymology/ HEME, metabolism/ HUMAN/ LIPASE, blood/ LIPASE, urine/ METHODS/ *PANCREATITIS, diagnosis/ PANCREATITIS, enzymology/ PANCREATITIS, metabolism/ SERUM ALBUMIN, metabolism/ TRIGLYCERIDES, metabolism/ TRYPSIN, metabolism

7794. **Tennant B, Evans CD, Schwartz LW, et al:** Equine hepatic insufficiency.
Vet Clin N Amer 3:279-89, May 73 (13 ref.)
ANIMAL EXPERIMENTS/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ BIOPSY/ BLOOD COAGULATION DISORDERS, veterinary/ BRAIN DISEASES, veterinary/ HEMOLYSIS/ HEPATITIS, ANIMAL/ *HORSE DISEASES/ HORSE DISEASES, diagnosis/ HORSE DISEASES, drug therapy/ HORSE DISEASES, pathology/ HORSES/ JAUNDICE, veterinary/ LIVER CIRRHOSIS, OBSTRUCTIVE, veterinary/ LIVER DISEASES, diagnosis/ LIVER DISEASES, drug therapy/ LIVER DISEASES, pathology/ *LIVER DISEASES, veterinary/ NECROSIS/ PHOTOSENSITIZATION, veterinary/ REVIEW/ SULFOBROMOPHTHALEIN, diagnostic use

7795. **Tennstedt A:** Hämangiom der Tube und einer Dermoidzyste des Ovars, zugleich ein Beitrag zur Differentialdiagnose der Extrauteringravidität.
Zentralbl Gynaekol 94:1576-9, 18 Nov 72 (Ger)
ADULT/ DERMOID CYST, complications/ DERMOID CYST, diagnosis/ DERMOID CYST, pathology/ DIAGNOSIS, DIFFERENTIAL/ *FALLOPIAN TUBE NEOPLASMS, complications/ FALLOPIAN TUBE NEOPLASMS, diagnosis/ FEMALE/ *HEMANGIOMA, complications/ HEMANGIOMA, diagnosis/ HEMANGIOMA, pathology/ HEMANGIOMA, CAVERNOUS, complications/ HEMANGIOMA, CAVERNOUS, diagnosis/ HEMANGIOMA, CAVERNOUS, pathology/ HUMAN/ *OVARIAN CYSTS, complications/ OVARIAN CYSTS, diagnosis/ OVARIAN CYSTS, pathology/ OVARIAN DISEASES, diagnosis/ PREGNANCY/ *PREGNANCY, ECTOPIC, diagnosis/ PREGNANCY, ECTOPIC, surgery

7796. **Tepper LB:** Phthalic acid esters--an overview.
Environ Health Perspect 3:179-82, Jan 73
ANIMAL EXPERIMENTS/ BIODEGRADATION/ BLOOD PRESERVATION/ CHEMICAL INDUSTRY/ CHLORIDES/ CHROMATOGRAPHY, GAS/ DIET/ DRUG CONTAINERS AND CLOSURES/ ENVIRONMENTAL EXPOSURE/ ENVIRONMENTAL HEALTH/ ENVIRONMENTAL POLLUTION/ ESTERS/ HUMAN/ INDUSTRIAL MEDICINE/ LETHAL DOSE 50/ MARINE BIOLOGY/ *PHTHALIC ACID/ PHTHALIC ACID, analysis/ PHTHALIC ACID, blood/ PHTHALIC ACID, metabolism/ PHTHALIC ACID, toxicity/ PLASTICS/ POLYVINYLS/ UNITED STATES

7797. **Terada H:** [Hemorrhagic diathesis]
Jap J Nurs 37:620-3, May 73 (Jap)
HEMORRHAGIC DIATHESIS/ SPECIAL LIST NURSING

7798. **Terblanche J, Hickman R, Saunders SJ:** Liver perfusion with human blood. A comparison of pig, calf, lamb, and baboon livers.
Br J Surg 59:902, Nov 72
ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ BABOONS/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CATTLE/ COMPLEMENT, analysis/ IN VITRO/ *LIVER/ MONKEYS/ *PERFUSION/ SHEEP/ SPECIES SPECIFICITY/ SWINE/ THROMBOPENIA, prevention & control

7799. **Terhorst C, Möller W, Laursen R, et al:** The primary structure of an acidic protein from 50-S ribosomes of Escherichia coli which is involved in GTP hydrolysis dependent on elongation factors G and T.
Eur J Biochem 34:138-52, 2 Apr 73
AMINO ACID SEQUENCE/ AUTOANALYSIS/ *BACTERIAL PROTEINS, analysis/ BINDING SITES/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ ELECTROPHORESIS, PAPER/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ESCHERICHIA COLI, analysis/ GUANOSINE TRIPHOSPHATE/ HYDROLYSIS/ LEUCINE AMINOPEPTIDASE/ PANCREATOPEPTIDASE/ PEPTIDE ELONGATION FACTORS/ *RIBOSOMES, analysis/ TRYPSIN

7800. **Ternouth JH, Buttle HL:** Concurrent studies on the flow of digesta in the duodenum and of exocrine pancreatic secretion of calves. The collection of the exocrine pancreatic secretion from a duodenal cannula.
Br J Nutr 29:387-97, May 73
AMYLASE, analysis/ ANIMAL EXPERIMENTS/ ANIMAL FEED/ ANIMALS, NEWBORN/ BICARBONATES, secretion/ BODY WEIGHT/ CATTLE/ CHLORIDES, secretion/ DIGESTION/ *DUODENUM, physiology/ *GASTROINTESTINAL MOTILITY/ MALE/ METHODS/ MILK/ ORGAN WEIGHT/ PANCREAS, anatomy & histology/ PANCREAS, enzymology/ *PANCREAS, secretion/ PEPTIDE HYDROLASES, analysis/ POTASSIUM, secretion/ SECRETIN, pharmacodynamics/ SECRETORY RATE, drug effects/ SODIUM, secretion/ TIME FACTORS/ TRYPSIN, analysis

7801. **Ternynck T, Avrameas S:** Polyacrylamide-protein immunoadsorbents prepared with glutaraldehyde.
FEBS Lett 23:24-8, 1 Jun 72
*ACRYLAMIDES/ ADSORPTION/ *ALDEHYDES/ ANTIBODIES/ *ANTIBODIES/ ANTIGENS/ CHROMATOGRAPHY/ CHYMOTRYPSIN/ CYTOCHROME C/ GAMMA GLOBULIN/ *GLUTARATES/ HUMAN/ IGG/ IMMUNOELECTROPHORESIS/ MICE, immunology/ PEROXIDASES/ POLYMERS/ *PROTEINS/ RABBITS, immunology/ SERUM ALBUMIN/ SERUM ALBUMIN, BOVINE/ SHEEP, immunology/ TRYPSIN

7802. **Territo M, Finklestein J, Oh W, et al:** Management of autoimmune thrombocytopenia in pregnancy and in the neonate.
Obstet Gynecol 41:579-84, Apr 73
ADOLESCENCE/ ADULT/ *AUTOIMMUNE DISEASES, therapy/ BLOOD/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ CESAREAN SECTION/ FEMALE/ HEMATOMA, therapy/ HEMORRHAGE, GASTROINTESTINAL, therapy/ HUMAN/ HYDROCORTISONE, therapeutic use/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, therapy/ MALE/ PREDNISONE, therapeutic use/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PREGNANCY TOXEMIAS/ PURPURA, THROMBOPENIC, congenital/ PURPURA, THROMBOPENIC, diagnosis/ *PURPURA, THROMBOPENIC, therapy/ SPLENECTOMY/ UMBILICAL CORD

7803. **Testart J, Lemercier JP, Tayot J, et al:** Hémoptysie révélatrice d'un cancer surrénalien avec activité fibrinolytique.
Sem Hop Paris 49:1243-6, 8 Apr 73 (Fre)
*ADRENAL GLAND NEOPLASMS, complications/ ADRENAL GLAND NEOPLASMS, drug therapy/ ADULT/ AMINOCAPROIC ACID, therapeutic use/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ *HEMOPTYSIS, etiology/ HUMAN/ LUNG NEOPLASMS/ MALE/ NEOPLASM METASTASIS

7804. **Texier L, Gauthier Y, Gauthier O, et al:** Glomangiomatose.
Bull Soc Fr Dermatol Syphiligr 79:510-1, 1972 (Fre)
ADULT/ ANGIOMATOSIS, diagnosis/ ARM/ BIOPSY/ DIAGNOSIS, DIFFERENTIAL/ GASTROINTESTINAL NEOPLASMS, diagnosis/ *GLOMANGIOMA, diagnosis/ GLOMANGIOMA, pathology/ HEMANGIOMA, complications/ HEMANGIOMA, CAVERNOUS, complications/ HUMAN/ MALE/ PENIS/ SKIN NEOPLASMS,

complications/ *SKIN NEOPLASMS, diagnosis/ SKIN NEOPLASMS, pathology

7805. **Texier L, Gendre P, Gauthier O, et al:** Hypodermites sclérodermiformes lombo-fessières induites par des injections médicamenteuses intramusculaires associées a la vitamine K 1.
Ann Dermatol Syphiligr (Paris) 99:363-71, 1972 **(Fre)**
*BUTTOCKS/ BUTTOCKS, pathology/ ENGLISH ABSTRACT/ *ERYTHEMA, chemically induced/ ERYTHEMA, pathology/ FEMALE/ HUMAN/ INJECTIONS, INTRAMUSCULAR, adverse effects/ LIVER CIRRHOSIS, drug therapy/ MALE/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ *PHYTONADIONE, adverse effects/ *SCLERODERMA, CIRCUMSCRIBED, chemically induced/ SCLERODERMA, CIRCUMSCRIBED, pathology/ SKIN, pathology

7806. **Thebault J, Tillement JP, Blatrix C:** Interactions médicamenteuses avec les antivitamines.
Pathol Biol (Paris) 21:639-46, Jun 73 **(Fre)**
ANALGESICS AND ANTIPYRETICS, therapeutic use/ ANTIBIOTICS, therapeutic use/ *ANTICOAGULANTS, therapeutic use/ ANTIDIABETICS, therapeutic use/ ANTI-INFLAMMATORY AGENTS, therapeutic use/ ANTINEOPLASTIC AGENTS, therapeutic use/ BARBITURATES, therapeutic use/ BENZOFURANS, therapeutic use/ CLOFIBRATE, therapeutic use/ COUMARINS, therapeutic use/ DIURETICS, therapeutic use/ DRUG ANTAGONISM/ DRUG INTERACTIONS/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ HUMAN/ MONOAMINE OXIDASE INHIBITORS, therapeutic use/ SALICYLIC ACID, therapeutic use/ STEROIDS, therapeutic use/ SULFONAMIDES, therapeutic use/ THYROXINE, therapeutic use/ *VITAMIN K, antagonists & inhibitors/ WARFARIN, therapeutic use

7807. **Theiss W, Beller FK:** The effect of saline loading on endotoxin-induced disseminated intravascular coagulation. J Lab Clin Med 81:431-42, Mar 73
ANIMAL EXPERIMENTS/ *DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *ENDOTOXINS/ ENDOTOXINS, administration & dosage/ ESCHERICHIA COLI/ FEMALE/ FIBRIN, analysis/ *FIBRIN, metabolism/ FIBRINOGEN, analysis/ *FIBRINOGEN, metabolism/ GLUCOSE, pharmacodynamics/ KIDNEY GLOMERULUS, drug effects/ RATS/ *SODIUM CHLORIDE, pharmacodynamics/ TIME FACTORS

7808. **Theiss W, Beller FK:** Stilbestrol-augmented disseminated intravascular coagulation in rats after infusion of endotoxin.
Am J Obstet Gynecol 115:775-82, 15 Mar 73
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *DIETHYLSTILBESTROL/ *DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ *ENDOTOXINS, administration & dosage/ ESTRUS/ FEMALE/ FIBRIN, analysis/ FIBRINOGEN, analysis/ HEMATOCRIT/ HEMOGLOBIN, analysis/ HYDROXYPROGESTERONE/ KIDNEY, pathology/ KIDNEY GLOMERULUS, pathology/ ORGAN WEIGHT/ PROTHROMBIN TIME/ RATS/ STATISTICS/ TIME FACTORS/ UTERUS

7809. **Theiss W, Beller FK:** Exchange transfusion experiments in rats inducing intravascular coagulation. Surg Gynecol Obstet 135:713-6, Nov 72
ANIMAL EXPERIMENTS/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *ENDOTOXINS/ *EXCHANGE TRANSFUSION/ FEMALE/ FIBRIN, analysis/ FIBRINOGEN/ FIBRINOLYSIS/ KIDNEY GLOMERULUS, analysis/ PREGNANCY/ *PREGNANCY, ANIMAL/ PROTAMINES, pharmacodynamics/ RATS/ *SHWARTZMAN PHENOMENON

7810. **Thelander L:** Physicochemical characterization of ribonucleoside diphosphate reductase from Escherichia coli. J Biol Chem 248:4591-601, 10 Jul 73
ALCOHOL OXIDOREDUCTASES, analysis/ *ALCOHOL OXIDOREDUCTASES, isolation & purification/ AMINO ACIDS, analysis/ BACTERIAL PROTEINS, analysis/ BACTERIAL PROTEINS, isolation & purification/ CARBON ISOTOPES/ CHROMATOGRAPHY, AFFINITY/ DEOXYRIBONUCLEOTIDES/ DRUG STABILITY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ESCHERICHIA COLI, enzymology/ GEL FILTRATION/ GUANIDINES/ MACROMOLECULAR SYSTEMS/ MAGNESIUM/ MALEATES/ MOLECULAR WEIGHT/ PEPTIDES, isolation & purification/ RIBONUCLEOTIDES/ SODIUM DODECYL SULFATE/ SULFHYDRYL COMPOUNDS, analysis/ SULFHYDRYL REAGENTS/ TRITIUM/ TRYPSIN/ ULTRACENTRIFUGATION

7811. **Theofanous TG, Barile RG:** Multiple-dose kinetics of oral anticoagulants: methods of analysis and optimized dosing. J Pharm Sci 62:261-6, Feb 73
ADMINISTRATION, ORAL/ AGED/ *ANTICOAGULANTS, administration & dosage/ ANTICOAGULANTS, analysis/ ANTICOAGULANTS, blood/ BODY WEIGHT/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ HUMAN/ KINETICS/ MALE/ MATHEMATICS/ MIDDLE AGE/ PROTHROMBIN TIME/ TIME FACTORS/ WARFARIN, administration & dosage

7812. **Theuring F, Fiedler J:** Tödliche Blutung nach Zahnextraktion Beitrag zum Hermansky-Pudlak-Syndrom.
Dtsch Stomatol 23:52-5, Jan 73 **(Ger)**
ADULT/ ALBINISM/ BONE MARROW CELLS/ ENGLISH ABSTRACT/ *HEMORRHAGE, ORAL, mortality/ HEMORRHAGIC DIATHESIS/ HUMAN/ MACROPHAGES/ MALE/ PREMEDICATION/ SYNDROME/ *TOOTH EXTRACTION, adverse effects

7813. **Thibault P:** Thromboses post-opératoires. Prévention par de faibles doses d'heparine sous-cutanée.
Nouv Presse Med 1:2915-6, 2 Dec 72 **(Fre)**
FACTOR X/ *HEPARIN, administration & dosage/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ IODINE ISOTOPES/ MYOCARDIAL INFARCT, prevention & control/ *POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, etiology/ THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, etiology/ *THROMBOPHLEBITIS, prevention & control/ *THROMBOSIS, prevention & control

7814. **Thiele G, Fiedler H:** Azetylsalizylsäure als Antithrombotikum beim akuten Myokardinfarkt ohne Schocksyndrom.
Z Gesamte Inn Med 28:36-8 passim, 1 Feb 73 **(Ger)**
ANTICOAGULANTS, therapeutic use/ *ASPIRIN, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, complications/ *MYOCARDIAL INFARCT, drug therapy/ PLATELET ADHESIVENESS, drug effects/ THROMBELASTOGRAPHY/ THROMBOEMBOLISM, complications/ *THROMBOEMBOLISM, prevention & control

7815. **Thiele G, Fiedler H:** Zur Problematik der Myokardinfarktbehandlung mit Antikoagulantien oder Aggregationshemmern.
Dtsch Gesundheitsw 27:1594-8, 24 Aug 72 **(Ger)**
*ANTICOAGULANTS, therapeutic use/ ASPIRIN, pharmacodynamics/ COUMARINS, therapeutic use/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ HUMAN/ *MYOCARDIAL INFARCT, drug therapy/ PLATELET ADHESIVENESS, drug effects/ THROMBELASTOGRAPHY

7816. **Thies HA, Bahrs-Paucar H:** Analyse der Magenblutungen von 150 Patienten.
Dtsch Med Wochenschr 98:703-8, 11 May 73 **(Ger)**
ADULT/ AFIBRINOGENEMIA, complications/ AGED/ BLOOD COAGULATION DISORDERS,

complications/ BLOOD COAGULATION TESTS/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ ENGLISH ABSTRACT/ FACTOR XIII DEFICIENCY, complications/ FEMALE/ FOLLOW-UP STUDIES/ HEMORRHAGE, GASTROINTESTINAL, etiology/ *HEMORRHAGE, GASTROINTESTINAL, surgery/ HUMAN/ LENGTH OF STAY/ MALE/ MIDDLE AGE/ PEPTIC ULCER HEMORRHAGE, etiology/ *PEPTIC ULCER HEMORRHAGE, surgery/ POSTOPERATIVE COMPLICATIONS

7817. **Thies W:** Krankendemonstrationen.
Arch Dermatol Forsch 244:568-604, 1972 (Ger)
ADOLESCENCE/ ADULT/ AGED/ ANGIOMATOSIS, diagnosis/ CARCINOMA, BASAL CELL, diagnosis/ CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ DERMATITIS, CONTACT, diagnosis/ DERMATOMYOSITIS, diagnosis/ EHLERS-DANLOS SYNDROME, diagnosis/ EPIDERMOLYSIS BULLOSA, diagnosis/ EPIDERMOLYSIS BULLOSA, familial & genetic/ FEMALE/ HUMAN/ INFANT/ LEPROSY, diagnosis/ LUPUS ERYTHEMATOSUS, SYSTEMIC, diagnosis/ MALE/ MIDDLE AGE/ NEURODERMATITIS, diagnosis/ PEDIGREE/ SARCOIDOSIS, diagnosis/ SCLERODERMA, SYSTEMIC, diagnosis/ *SKIN DISEASES, diagnosis/ *SKIN NEOPLASMS, diagnosis/ URTICARIA PIGMENTOSA, diagnosis/ XERODERMA PIGMENTOSUM, diagnosis

7818. **Thithapandha A, Srinoot P:** Comparative inhibitory effects of vitamins on methylating enzymes.
Comp Gen Pharmacol 3:139-44, Jun 72
ANIMAL EXPERIMENTS/ ASCORBIC ACID, pharmacodynamics/ CARBON ISOTOPES/ CATECHOL METHYLTRANSFERASE, antagonists & inhibitors/ CATS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FEMALE/ HISTAMINE/ IN VITRO/ KIDNEY, enzymology/ KINETICS/ MAGNESIUM, metabolism/ MALE/ METHYLTRANSFERASES, antagonists & inhibitors/ PROTEINS, metabolism/ PYRIDOXINE, pharmacodynamics/ RATS/ RIBOFLAVIN, pharmacodynamics/ THIAMINE, pharmacodynamics/ VITAMIN E, pharmacodynamics/ VITAMIN K, pharmacodynamics/ *VITAMINS, pharmacodynamics

7819. **Thomas BH, Coldwell BB, Buttar HS, et al:** Effect of salicylate on the fate of bishydroxycoumarin in the rat.
Can J Physiol Pharmacol 51:205-12, Mar 73
ANIMAL EXPERIMENTS/ BILE, metabolism/ BISHYDROXYCOUMARIN, blood/ *BISHYDROXYCOUMARIN, metabolism/ BISHYDROXYCOUMARIN, urine/ BLOOD PROTEINS, metabolism/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ FECES, metabolism/ IN VITRO/ KIDNEY, metabolism/ LIVER, metabolism/ LUNG, metabolism/ MALE/ PROTEIN BINDING/ RATS/ *SALICYLATES, pharmacodynamics/ TIME FACTORS

7820. **Thomas D, Broun G, Sélégny E:** Monoenzymatic model membranes: diffusion-reaction kinetics and phenomena.
Biochimie 54:229-44, 1972
CATALYSIS/ CELL MEMBRANE, enzymology/ CELL MEMBRANE, metabolism/ *CELL MEMBRANE, physiology/ DIFFUSION/ GLUCOSE, metabolism/ GLUCOSE OXIDASE, metabolism/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MATHEMATICS/ *MODELS, BIOLOGICAL/ *PROTEIN BINDING/ TEMPERATURE/ TIME FACTORS/ TRYPSIN, metabolism/ UREASE, metabolism

7821. **Thomas DB, Burnard ED:** Prevention of intravascular haemorrhage in low-birthweight babies.
Lancet 2:562, 8 Sep 73
ANOXIA, etiology/ BIRTH WEIGHT/ BLOOD COAGULATION FACTORS, analysis/ *DISSEMINATED INTRAVASCULAR COAGULATION, prevention & control/ HUMAN/ INFANT, NEWBORN/ *INFANT, PREMATURE, DISEASES, prevention & control/ VITAMIN K DEFICIENCY, complications

7822. **Thomas DB, Burnard ED:** Prevention of intraventricular haemorrhage in babies receiving artificial ventilation.
Med J Aust 1:933-6, 12 May 73
APNEA, therapy/ *BLOOD COAGULATION FACTORS, therapeutic use/ CEREBRAL HEMORRHAGE, mortality/ *CEREBRAL HEMORRHAGE, prevention & control/ *CEREBRAL VENTRICLES/ FACTOR VII, therapeutic use/ FACTOR IX, therapeutic use/ FACTOR X, therapeutic use/ FEMALE/ HUMAN/ HYALINE MEMBRANE DISEASE, therapy/ INFANT, NEWBORN/ INFANT, PREMATURE, DISEASES, mortality/ INFANT, PREMATURE, DISEASES, prevention & control/ INFANT, PREMATURE, DISEASES, therapy/ MALE/ *POSITIVE-PRESSURE RESPIRATION, adverse effects/ PROTHROMBIN, therapeutic use

7823. **Thomas DP:** Abnormalities of platelet aggregation in patients with alcoholic cirrhosis.
Ann NY Acad Sci 201:243-50, 27 Oct 72
*ALCOHOLISM, complications/ BLOOD COAGULATION TESTS/ FIBRINOGEN, metabolism/ FIBRINOLYSIS/ HUMAN/ *LIVER CIRRHOSIS, blood/ LIVER CIRRHOSIS, etiology/ *PLATELET ADHESIVENESS

7824. **Thomas DP:** The role of platelets in arterial and venous thrombosis. Adv Exp Med Biol 34:23-42, 1972 (74 ref.)
ADENOSINE DIPHOSPHATE, metabolism/ ARTERIOSCLEROSIS, blood/ BASEMENT MEMBRANE/ BLOOD COAGULATION/ BLOOD COAGULATION FACTORS/ BLOOD FLOW VELOCITY/ *BLOOD PLATELETS/ COLLAGEN/ FIBRIN, physiology/ FIBRINOLYSIS/ HUMAN/ PLATELET ADHESIVENESS/ REVIEW/ *THROMBOPHLEBITIS, blood/ *THROMBOSIS, blood

7825. **Thomas FB, Caldwell JH, Greenberger NJ:** Steatorrhea in thyrotoxicosis. Relation to hypermotility and excessive dietary fat.
Ann Intern Med 78:669-75, May 73
ADULT/ AGED/ CALCIUM, blood/ *DIETARY FATS/ FECES, analysis/ FEMALE/ *GASTROINTESTINAL MOTILITY/ GASTROINTESTINAL MOTILITY, drug effects/ GUANETHIDINE, pharmacodynamics/ HUMAN/ *HYPERTHYROIDISM, complications/ HYPERTHYROIDISM, radiotherapy/ INTESTINAL ABSORPTION/ IODINE ISOTOPES, therapeutic use/ IRON, blood/ LACTOSE INTOLERANCE/ LIPIDS, metabolism/ MALE/ MIDDLE AGE/ PROPRANOLOL, pharmacodynamics/ PROTHROMBIN TIME/ *SPRUE, etiology/ VITAMIN B 12, metabolism/ XYLOSE, metabolism

7826. **Thomas GI, Edmark KW, Jones TW, et al:** Peripheral cannulation and bypass under local anesthesia in high-risk cardiac patients.
Am Surg 38:486-93, Sep 72
ACID-BASE EQUILIBRIUM/ *ANESTHESIA, LOCAL/ *AORTOCORONARY BYPASS/ CARBON DIOXIDE, blood/ CATHETERIZATION/ EXTRACORPOREAL CIRCULATION/ HEART ARREST/ HEPARIN, therapeutic use/ HUMAN/ ILIAC ARTERY, surgery/ ILIAC VEIN, surgery/ INTUBATION/ OXYGEN, blood/ OXYGEN INHALATION THERAPY/ PREOPERATIVE CARE/ THROMBOSIS, prevention & control

7827. **Thomas J, Dorme N, Sergant M, et al:** Action du dobésilate de calcium sur la résistance et la perméabilité capillaires et sur le temps de saignement et l'adhésivité plaquettaire modifiés par le dextran.
Ann Pharm Fr 30:415-27, Jun 72 (Fre)
ANIMAL EXPERIMENTS/ ANTIHISTAMINICS, pharmacodynamics/ ASCORBIC ACID DEFICIENCY, metabolism/ BLOOD

COAGULATION TESTS/ *CALCIUM, pharmacodynamics/ *CAPILLARY PERMEABILITY, drug effects/ *CAPILLARY RESISTANCE, drug effects/ DEXTRAN, antagonists & inhibitors/ ENGLISH ABSTRACT/ GUINEA PIGS/ *HEMOSTASIS/ HYALURONIDASE, antagonists & inhibitors/ METHODS/ *PLATELET ADHESIVENESS, drug effects/ RATS/ *SULFONIC ACIDS, pharmacodynamics

7828. **Thomas J, Hume DM:** A standardized ALG for use in man. Transplant Proc 4:477-9, Dec 72
ANIMAL EXPERIMENTS/ *ANTILYMPHOCYTE SERUM/ BASEMENT MEMBRANE, immunology/ BLOOD PLATELETS, immunology/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ GAMMA GLOBULIN, analysis/ HUMAN/ *IMMUNOSUPPRESSION/ KIDNEY GLOMERULUS, immunology/ MACACA/ MONKEYS/ PLATELET ADHESIVENESS/ RABBITS, immunology/ RATS/ SKIN, transplantation/ THYMUS GLAND, cytology/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY

7829. **Thomas ML, Andress MR:** Angiographic appearances of an intramuscular hematoma.
Acta Radiol [Diagn] (Stockh) 14:65-8, Jan 73
ANGIOGRAPHY/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ GRANULATION TISSUE/ HEMATOMA, diagnosis/ *HEMATOMA, radiography/ HUMAN/ *LEG/ MIDDLE AGE/ MUSCULAR DISEASES, diagnosis/ *MUSCULAR DISEASES, radiography/ NEOPLASMS, diagnosis/ RUPTURE, SPONTANEOUS, diagnosis/ RUPTURE, SPONTANEOUS, radiography

7830. **Thomas SD, Bogash M, Popky G, et al:** Abnormal renal vasculature and renal trauma. J Urol 110:155-7, Aug 73
ADULT/ ANEURYSM, etiology/ ANEURYSM, radiography/ ANGIOGRAPHY/ *ANGIOGRAPHY/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ HEMATOMA, etiology/ HEMATOMA, radiography/ HEMATOMA, surgery/ HUMAN/ KIDNEY, blood supply/ *KIDNEY, injuries/ KIDNEY DISEASES, etiology/ KIDNEY DISEASES, radiography/ KIDNEY DISEASES, surgery/ KIDNEY NEOPLASMS, radiography/ MIDDLE AGE

7831. **Thomas TV:** Arterial embolectomy: role of anticoagulants and arteriography.
J Cardiovasc Surg (Torino) 13:584-93, Nov-Dec 72
ADULT/ AGED/ *ANGIOGRAPHY/ ARM, blood supply/ EMBOLISM, drug therapy/ *EMBOLISM, surgery/ FEMALE/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ LEG, blood supply/ MALE/ MESENTERIC VASCULAR OCCLUSION, surgery/ METHODS/ MIDDLE AGE/ PREOPERATIVE CARE

7832. **Thompson C, Forbes CD, Martin E, et al:** Potentiation of platelet aggregation and adhesion by heparin both in vivo and in vitro. Clin Sci 44:21P, Apr 73
ADENOSINE DIPHOSPHATE, pharmacodynamics/ CITRATES, pharmacodynamics/ COLLAGEN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ EXTRACORPOREAL CIRCULATION/ *HEPARIN, pharmacodynamics/ HUMAN/ IN VITRO/ *PLATELET ADHESIVENESS, drug effects

7833. **Thompson RC Jr:** Heparin osteoporosis. An experimental model using rats.
J Bone Joint Surg [Am] 55:606-12, Apr 73
ANIMAL EXPERIMENTS/ BIOMECHANICS/ *BONE AND BONES, drug effects/ BONE AND BONES, enzymology/ BONE AND BONES, metabolism/ *COLLAGEN, biosynthesis/ *DISEASE MODELS, ANIMAL/ FEMALE/ FIBROBLASTS, drug effects/ *HEPARIN/ HUMERUS, drug effects/ HUMERUS, radiography/ HYDROXYPROLINE, biosynthesis/ HYPERSENSITIVITY/ INJECTIONS, SUBCUTANEOUS/ LEUKOPENIA, chemically induced/ MICRORADIOGRAPHY/ MITOSIS, drug effects/ *OSTEOPOROSIS, chemically induced/ PROLINE, metabolism/ RADIUS, drug effects/ RATS/ TRITIUM/ ULNA, drug effects/ WOUND HEALING, drug effects

7834. **Thompson RJ, MacKenzie RD:** A method for preparing and staining the platelet-collagen interaction for microscopic observation. J Clin Pathol 26:78-80, Jan 73
*BLOOD PLATELETS/ *COLLAGEN/ HISTOLOGICAL TECHNICS/ HUMAN/ METHODS/ MICROSCOPY, INTERFERENCE/ PLATELET ADHESIVENESS/ *STAINS AND STAINING

7835. **Thompson RL, Moore RA, Hess CE, et al:** Idiopathic thrombocytopenic purpura. Long-term results of treatment and the prognostic significance of response to corticosteroids. Arch Intern Med 130:730-4, Nov 72
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AGED/ BLOOD CELL COUNT/ BLOOD PLATELETS/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PREDNISONE, therapeutic use/ PROGNOSIS/ PURPURA, THROMBOPENIC, blood/ PURPURA, THROMBOPENIC, drug therapy/ PURPURA, THROMBOPENIC, surgery/ *PURPURA, THROMBOPENIC, therapy/ REMISSION/ SPLENECTOMY/ TIME FACTORS

7836. **Thompson RM, Gerber N, Seibert RA, et al:** Identification of 2-methyl-1,4-naphthohydroguinone monoglucuronide as a metabolite of 2-methyl-1,4-naphthoquinone (menadione) in rat bile.
Res Commun Chem Pathol Pharmacol 4:543-52, Nov 72
ANIMAL EXPERIMENTS/ *BILE, analysis/ CHROMATOGRAPHY, GAS/ DIMETHYL SULFOXIDE, metabolism/ *GLUCURONATES, analysis/ *HYDROQUINONES, analysis/ IN VITRO/ LIVER, analysis/ LIVER, metabolism/ MALE/ MASS SPECTRUM ANALYSIS/ PERFUSION/ RATS/ TIME FACTORS/ *VITAMIN K, metabolism

7837. **Thompson RP, Clark R, Willson RA, et al:** Hepatic damage from overdose of paracetamol.
Gut 13:836, Oct 72
*ACETAMINOPHEN, poisoning/ ANIMAL EXPERIMENTS/ BLOOD/ CHARCOAL/ HEPARIN, therapeutic use/ HUMAN/ *LIVER DISEASES, chemically induced/ POISONING, therapy/ SWINE

7838. **Thomson S, Gopaul D:** Neisseria pharyngis septicaemia with associated disseminated intravascular coagulation. Can J Med Technol 35:6-7, May-Jun 73
ADULT/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FEMALE/ HUMAN/ *NEISSERIA/ *SEPTICEMIA, complications

7839. **Thöni RF, Grob PJ:** Fibrinogen-Fibrin-Abbauprodukte im Urin. Messung und Charakterisierung mittels Elektroimmunodiffusion (Schnellmethode.
Schweiz Med Wochenschr 103:965-9, 7 Jul 73 (Ger)
BUFFERS/ ELECTROCHEMISTRY/ ENGLISH ABSTRACT/ FIBRIN, metabolism/ *FIBRIN, urine/ FIBRINOGEN, metabolism/ *FIBRINOGEN, urine/ GEL DIFFUSION TESTS/ GRAFT REJECTION/ GRAFT VS HOST REACTION/ HISTOCOMPATIBILITY/ HUMAN/ KIDNEY, transplantation/ METHODS/ TRANSPLANTATION, HOMOLOGOUS

7840. **Thonnard-Neumann E:** Heparin in migraine headache.
Headache 13:49-64, Jul 73 (97 ref.)
ADULT/ AGED/ BASOPHILS, analysis/ BLOOD CELL COUNT/ CLOFIBRATE, therapeutic use/ FEMALE/ HEMATURIA, chemically induced/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ IMMUNOGLOBULINS/ INJECTIONS, INTRAVENOUS/ LIPIDS, blood/ MALE/ MIDDLE AGE/ *MIGRAINE, drug therapy/ REVIEW/ WARFARIN, adverse effects

7841. **Thorell JI, Lanner A:** Influence of heparin-plasma, EDTA-plasma, and serum on the determination of insulin with three different radioimmunoassays.
Scand J Clin Lab Invest 31:187-90, Mar 73
ADULT/ BLOOD/ COMPARATIVE STUDY/ *EDTA, pharmacodynamics/ FASTING/ FEMALE/ GLUCOSE/ *HEPARIN, pharmacodynamics/ HUMAN/ HYPERGLYCEMIA/ *INSULIN, blood/ MALE/ METHODS/ PRECIPITINS/ *RADIOIMMUNOASSAY

7842. **Thorens S, Schaub MC, Lüscher EF:** A calcium-sensitizing system from human platelets and its activity on muscle and platelet actomyosin.
Experientia 29:349-51, 15 Mar 73
*ACTOMYOSIN/ *BLOOD PLATELETS, analysis/ *BLOOD PROTEINS/ BLOOD PROTEINS, isolation & purification/ *CALCIUM, physiology/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HUMAN/ *MUSCLE CONTRACTION/ PROTEIN BINDING

7843. **Thorne HV:** An investigation of factors influencing the susceptibility of Balb-c 3T3 cells to polyoma virus.
J Gen Virol 18:153-62, Feb 73
ADSORPTION/ CELL DIVISION/ CELL LINE, cytology/ CELL LINE, metabolism/ *CELL LINE, microbiology/ CLONE CELLS/ CULTURE MEDIA/ DNA, biosynthesis/ DNA, VIRAL, biosynthesis/ ELECTROPHORESIS/ FIBROBLASTS/ HEMAGGLUTINATION TESTS/ MICE/ MICE, INBRED BALB C/ PLAQUE ASSAY/ *POLYOMA VIRUS, growth & development/ POLYOMA VIRUS, isolation & purification/ POLYOMA VIRUS, metabolism/ THYMIDINE, metabolism/ TIME FACTORS/ TRITIUM/ TRYPSIN/ VIRUS REPLICATION

7844. **Thorne HV, Wardle AF:** Rapid extraction and physical detection of polyoma virus.
Can J Microbiol 19:291-3, Feb 73
CELL LINE/ CENTRIFUGATION, DENSITY GRADIENT/ DEOXYRIBONUCLEASE/ METHODS/ MICE/ POLYOMA VIRUS, growth & development/ *POLYOMA VIRUS, isolation & purification/ RIBONUCLEASE/ SURFACE-ACTIVE AGENTS/ THYMIDINE/ TRITIUM/ TRYPSIN

7845. **Thornes RD, Deasy PF, Carroll R, et al:** The use of the proteolytic enzyme brinase to produce autocytotoxicity in patients with acute leukemia and its possible role in immunotherapy.
Cancer Res 32:280-4, Feb 72
ADULT/ *ANTIBODY FORMATION/ ASPERGILLUS, enzymology/ *AUTOANTIBODIES/ BLOOD PLATELETS, immunology/ BLOOD TRANSFUSION/ CHILD/ CHILD, PRESCHOOL/ COMPLEMENT/ CROSS REACTIONS/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ DRUG COMBINATIONS/ FEMALE/ HUMAN/ IN VITRO/ LEUKEMIA, LYMPHOBLASTIC, drug therapy/ *LEUKEMIA, LYMPHOBLASTIC, immunology/ LEUKEMIA, MYELOBLASTIC, drug therapy/ *LEUKEMIA, MYELOBLASTIC, immunology/ LYMPHOCYTES, immunology/ LYSOSOMES/ MALE/ MIDDLE AGE/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, therapeutic use

7846. **Thornes RD, Smyth H, Brown O, et al:** B.C.G. plus protease L in malignant melanoma.
Lancet 1:1386, 16 Jun 73
*BCG VACCINATION/ BCG VACCINATION, adverse effects/ HUMAN/ HYPERSENSITIVITY, DELAYED, etiology/ LUNG NEOPLASMS, immunology/ MELANOMA, drug therapy/ *MELANOMA, immunology/ MYCOBACTERIUM BOVIS/ PEPTIDE HYDROLASES, adverse effects/ *PEPTIDE HYDROLASES, pharmacodynamics/ PEPTIDE HYDROLASES, therapeutic use

7847. **Thorsby E, Helgesen A, Gjemdal T:** Repeated platelet transfusions from HL-A compatible unrelated and sibling donors.
Tissue Antigens 2:397-404, 1972
ADOLESCENCE/ ADULT/ ANEMIA, APLASTIC, drug therapy/ ANEMIA, APLASTIC, therapy/ ANTIBODIES, analysis/ *BLOOD PLATELETS/ *BLOOD TRANSFUSION/ COMPLEMENT FIXATION TESTS/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FEMALE/ *HISTOCOMPATIBILITY/ HUMAN/ IMMUNE SERUMS, analysis/ LEUKOCYTE CULTURE TEST, MIXED/ LYMPHOCYTES, immunology/ MALE/ OXYMETHOLONE, therapeutic use/ PREDNISONE, therapeutic use/ THROMBOPENIA, therapy

7848. **Thorsen S:** The inhibition of tissue plasminogen activator and urokinase-induced fibrinolysis by some natural proteinase inhibitors and by plasma and serum from normal and pregnant subjects.
Scand J Clin Lab Invest 31:51-9, Jan 73
ANTIFIBRINOLYTIC AGENTS, antagonists & inhibitors/ BLOOD/ BLOOD PROTEINS/ CLOT RETRACTION/ FEMALE/ FIBRINOLYSIS, drug effects/ *FIBRINOLYTIC AGENTS, pharmacodynamics/ HUMAN/ MALE/ PLASMINOGEN, antagonists & inhibitors/ PREGNANCY/ *STREPTODORNASE AND STREPTOKINASE, antagonists & inhibitors/ STREPTODORNASE AND STREPTOKINASE, pharmacodynamics/ *TRYPSIN INHIBITORS, pharmacodynamics

7849. **Thorsen S, Glas-Greenwalt P, Astrup T:** Differences in the binding to fibrin of urokinase and tissue plasminogen activator.
Thromb Diath Haemorrh 28:65-74, 31 Aug 72
BINDING SITES/ BLOOD COAGULATION/ CATTLE/ ENZYME ACTIVATION/ FIBRIN, analysis/ *FIBRIN, metabolism/ FIBRINOLYSIS/ *FIBRINOLYTIC AGENTS, metabolism/ FREEZE ETCHING/ HISTOCYTOCHEMISTRY/ HUMAN/ *PLASMINOGEN, metabolism/ PROTEIN BINDING/ SWINE

7850. **Thunold S:** Antigen-binding cells in spleen sections from mice immunized with sheep erythrocytes.
Int Arch Allergy Appl Immunol 44:529-43, 1973
ANIMAL EXPERIMENTS/ *ANTIGENS/ *BINDING SITES, ANTIBODY/ ERYTHROCYTES, immunology/ FIBRINOGEN/ HEMADSORPTION/ HEMADSORPTION INHIBITION TESTS/ IGG/ IGM/ IMMUNE ADHERENCE REACTION/ IMMUNE SERUMS/ IMMUNIZATION/ *LYMPHOCYTES, immunology/ MALE/ MICE/ SERUM ALBUMIN/ SHEEP, immunology/ *SPLEEN, immunology

7851. **Thuot C, Perron L:** Le dosage des produits de dégradation du fibrinogène: son utilité dans les coagulopathies de consommation.
Union Med Can 102:66-9, Jan 73 **(Fre)**
*AGGLUTINATION TESTS/ BLOOD COAGULATION DISORDERS, diagnosis/ COMPARATIVE STUDY/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ ENGLISH ABSTRACT/ FIBRIN, analysis/ *FIBRINOGEN, analysis/ FIBRINOGEN, metabolism/ *HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ LIVER CIRRHOSIS, diagnosis/ NEOPLASMS, diagnosis/ STAPHYLOCOCCUS

7852. **Thurlbeck WM:** Chronic bronchitis and emphysema.
Med Clin North Am 57:651-68, May 73 (74 ref.)
AGING/ AIRWAY OBSTRUCTION, complications/ BRONCHITIS, chemically induced/ BRONCHITIS, classification/ *BRONCHITIS, diagnosis/ BRONCHITIS, etiology/ BRONCHITIS, pathology/ COAL MINING/ HUMAN/ METABOLISM, INBORN ERRORS, complications/ OCCUPATIONAL DISEASES/ PAPAIN/ PULMONARY EMPHYSEMA, chemically induced/ PULMONARY EMPHYSEMA, classification/ *PULMONARY EMPHYSEMA, diagnosis/ PULMONARY EMPHYSEMA, etiology/ PULMONARY EMPHYSEMA, pathology/ REVIEW/ SMOKING, complications/ SULFUR DIOXIDE/ TRYPSIN INHIBITORS, blood

7853. **Tibbut DA, Durack DT, MacFarlane JT, et al:** Behcet's syndrome and venous thrombosis.
Br Med J 3:236, 28 Jul 73
ADULT/ *BEHCET'S SYNDROME, complications/ BEHCET'S SYNDROME, drug therapy/ HUMAN/ MALE/ STREPTOKINASE, therapeutic use/ *THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, drug therapy

7854. **Tibbutt DA, Davies JA, Miller GA, et al:** Comparison between streptokinase and heparin in life-threatening pulmonary embolism.
Br J Haematol 25:275-6, Aug 73
ANGIOGRAPHY/ COMPARATIVE STUDY/ HEART CATHETERIZATION/ *HEPARIN, therapeutic use/ HUMAN/ *PULMONARY EMBOLISM, drug therapy/ *STREPTOKINASE, therapeutic use

7855. **Tilford CH, MacKenzie RD, Blohm TR, et al:** Substituted 3,4-pentadienyldiamines as inhibitors of platelet aggregation. J Med Chem 16:688-93, Jun 73
ADENOSINE DIPHOSPHATE, antagonists & inhibitors/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADMINISTRATION, ORAL/ AMINES, administration & dosage/ *AMINES, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ *BLOOD PLATELETS, drug effects/ CHEMISTRY/ DRUG INTERACTIONS/ GUINEA PIGS/ HUMAN/ PLATELET ADHESIVENESS, drug effects/ STRUCTURE-ACTIVITY RELATIONSHIP/ TIME FACTORS

7856. **Tilsner V:** Prophylaxe und Therapie thrombotischer Erkrankungen mit der subkutanen Heparintherapie.
Med Welt 23:1553-6, 21 Oct 72 (Ger)
HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ *THROMBOSIS, drug therapy/ THROMBOSIS, prevention & control

7857. **Tilz GP:** Ein Beitrag zum zytotoxischen Verhalten von gewebsunverträglichen Zellen und dessen Beeinflussung durch Heparin und blockierende Antikörper. Vorläufige Mitteilung.
Wien Z Inn Med 53:427-9, 1972 (Ger)
ANIMAL EXPERIMENTS/ *ANTIBODIES, administration & dosage/ *CYTOTOXICITY TESTS, IMMUNOLOGIC/ ENGLISH ABSTRACT/ ERYTHROCYTES, immunology/ *HEPARIN, pharmacodynamics/ HISTOCOMPATIBILITY, drug effects/ *HISTOCOMPATIBILITY TESTING/ IN VITRO/ *LYMPHOCYTES, immunology/ MICE/ MICE, immunology/ SURFACE-ACTIVE AGENTS, pharmacodynamics

7858. **Tilz GP, Stübchen-Kirchner H, Sailer S:** Aminosäureverhältnisse im Serum während der Fibrinolyse.
Dtsch Med Wochenschr 97:1668-9, 27 Oct 72 (Ger)
*AMINO ACIDS, blood/ CHROMATOGRAPHY, THIN LAYER/ *FIBRINOLYSIS/ HUMAN/ STREPTOKINASE, pharmacodynamics

7859. **Timirgaleev MKh:** Angioleĭomioma nosovoĭ peregordki.
Vestn Otorinolaringol 35:106, Mar-Apr 73 (Rus)
ADULT/ CASE REPORT/ FEMALE/ *HEMANGIOMA/ HUMAN/ *LEIOMYOMA/ *NASAL SEPTUM/ *NOSE NEOPLASMS

7860. **Timoshenskiĭ VI, Iudov NN:** Krovotechenila posle tonzilléktomii i ikh sviaz' s nekotorymi pokazateliami koagulogrammy.
Vestn Otorinolaringol 34:44-7, Sep-Oct 72 (Rus)
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ CHILD/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ *HEMORRHAGE, ORAL, etiology/ HUMAN/ POSTOPERATIVE COMPLICATIONS/ TIME FACTORS/ *TONSILLECTOMY/ TONSILLITIS, blood

7861. **Timpl R, Gollwitzer R:** Cyanogen bromide cleavage of bovine fibrinogen. Identification of a dimeric N-terminal peptide and two other disulfide containing fragments. FEBS Lett 29:92-6, 15 Jan 73
ALKYLATION/ AMINO ACIDS, analysis/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ CYANOGEN BROMIDE/ DITHIOTHREITOL/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FIBRINOGEN, analysis/ GEL FILTRATION/ IODOACETATES/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ SODIUM DODECYL SULFATE/ THROMBIN

7862. **Ting A, Hasegawa T, Ferrone S, et al:** Presensitization detected by sensitive crossmatch tests.
Transplant Proc 5:813-7, Mar 73
ABSORPTION/ *ANTIBODIES, analysis/ ANTILYMPHOCYTE SERUM, pharmacodynamics/ COMPLEMENT/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ ERYTHROCYTES, immunology/ *GRAFT REJECTION/ *HISTOCOMPATIBILITY TESTING/ HUMAN/ IMMUNIZATION/ *KIDNEY, transplantation/ LEUKOCYTES, immunology/ RABBITS, immunology/ TRANSPLANTATION, HOMOLOGOUS/ TRYPSIN, pharmacodynamics

7863. **Tiraboschi L, Gambarini A, Ricucci G, et al:** Osservazioni su caso di sindrome de defibrinazione in aborto interno.
Minerva Ginecol 25:205-9, Apr 73 (Ita)
*ABORTION, complications/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ HYSTERECTOMY/ PLASMA SUBSTITUTES, therapeutic use/ PREGNANCY/ UTERINE HEMORRHAGE, drug therapy/ *UTERINE HEMORRHAGE, etiology

7864. **Tirrell R, Sawai Y, Chinzei H:** Substrate inhibition of Mamushi venom proteinases by casein.
Jap J Exp Med 43:153-6, Apr 73
BUFFERS/ *CASEIN, pharmacodynamics/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *SNAKES/ *VENOMS/ VENOMS, analysis

7865. **Tishchenko VK, Didenko LV:** Aktyvnist' proteolitychnykh fermentiv platsenty i deiaki pokaznyky bil'kovoho obminu u vahitnykh z piznimy toksykozamy.
Pediatr Akush Ginekol 1:38-40, 1973 (Ukr)
FEMALE/ HUMAN/ KIDNEY DISEASES, enzymology/ *PEPTIDE HYDROLASES, analysis/ *PLACENTA, enzymology/ PREGNANCY/ *PREGNANCY TOXEMIAS, metabolism/ *PROTEINS, metabolism

7866. **Tismer R, Egli H, Schander K:** Das Verhalten der physiologischen Inhibitoren der Blutgerinnung und des Thrombelastogramms in der Schwangerschaft.
Z Geburtshilfe Perinatol 176:193-201, Jun 72 (Ger)
ADULT/ ANTITHROMBIN, analysis/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ PREGNANCY/ *PREGNANCY/ PROTHROMBIN TIME/ THROMBELASTOGRAPHY/ TIME FACTORS

7867. **Tismer R, Egli H, Schander K:** Untersuchungen über den Einfluss der Schwangerschaft auf aktivierende Faktoren der Blutgerinnung und die Thrombozyten.
Z Geburtshilfe Perinatol 176:183-92, Jun 72 (Ger)
ADULT/ BLOOD COAGULATION/ BLOOD COAGULATION FACTORS, analysis/ *BLOOD COAGULATION FACTORS, physiology/ *BLOOD PLATELETS, physiology/ ENGLISH ABSTRACT/ FACTOR V, physiology/ FACTOR VII, physiology/ FACTOR VIII, physiology/ FACTOR IX, physiology/ FACTOR X, physiology/ FACTOR XI, physiology/ FACTOR XII, physiology/ FACTOR XIII, physiology/ FEMALE/ HUMAN/ *PREGNANCY/ PROTHROMBIN, physiology

7868. **Titani K, Hermodson MA, Fujikawa K, et al:** Bovine factor X 1a (activated Stuart factor). Evidence of homology with mammalian serine proteases.
Biochemistry 11:4899-903, 19 Dec 72
AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ BINDING SITES/ CATTLE/

CHYMOTRYPSIN, analysis/ CYANOGEN BROMIDE/ ENZYME ACTIVATION/ EVOLUTION/ *FACTOR X, analysis/ FIBRINOLYSIN, analysis/ GEL FILTRATION/ HUMAN/ ISOFLUROPHATE/ MACROMOLECULAR SYSTEMS/ PANCREAS, enzymology/ *PEPTIDE PEPTIDOHYDROLASES, blood/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PHOSPHORIC ACIDS/ PHOSPHORUS ISOTOPES/ SERINE/ SPECIES SPECIFICITY/ THROMBIN, analysis/ TRYPSIN/ TRYPSIN, analysis

7869. **Tjaberg TB:** Proteases of Clostridium botulinum. II. The relationship between growth medium and the production of proteases by Clostridium botulinum types A, B, C, D, E and F.
Acta Vet Scand 14:193-200, 1973
*CLOSTRIDIUM BOTULINUM, enzymology/ *CULTURE MEDIA/ METHODS/ *PEPTIDE HYDROLASES, biosynthesis/ TIME FACTORS/ TRYPSIN INHIBITORS, analysis

7870. **Tjaberg TB:** Proteases of Clostridium botulinum. I. Classification of proteases and literature survey.
Acta Vet Scand 14:184-92, 1973
AGGLUTINATION TESTS/ CASEIN, diagnostic use/ CHROMATOGRAPHY, DEAE-CELLULOSE/ *CLOSTRIDIUM BOTULINUM, enzymology/ CULTURE MEDIA/ FLUORESCENT ANTIBODY TECHNIC/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ IMMUNOELECTROPHORESIS/ *PEPTIDE HYDROLASES, classification/ PEPTIDE HYDROLASES, isolation & purification/ PRECIPITATION

7871. **Tobin JD Jr, Ten Bensel RW:** Varicella with thrombocytopenia causing fatal intracerebral hemorrhage. Am J Dis Child 124:577-8, Oct 72
AUTOPSY/ *CEREBRAL HEMORRHAGE, etiology/ CEREBRAL HEMORRHAGE, pathology/ *CHICKENPOX, complications/ CHICKENPOX, pathology/ CHILD/ FEMALE/ HEMATURIA, etiology/ HUMAN/ INCLUSION BODIES, VIRAL/ *THROMBOPENIA, complications/ THROMBOPENIA, pathology

7872. **Todd AS:** Endothelium and fibrinolysis.
Atherosclerosis 15:137-40, Mar-Apr 72
ANOXIA/ ENZYME ACTIVATION/ *FIBRINOLYSIN, analysis/ *FIBRINOLYSIS/ HUMAN/ *PLASMINOGEN, analysis/ PLASMINOGEN, metabolism/ THROMBOSIS, enzymology

7873. **Todd M, McDevitt E, McDowell F:** Stroke and blood coagulation. Stroke 4:400-5, May-Jun 73
ADULT/ AGE FACTORS/ AGED/ *BLOOD COAGULATION/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ *CEREBRAL EMBOLISM AND THROMBOSIS, blood/ CLOT RETRACTION/ COMPUTERS/ *DIABETES MELLITUS, blood/ FACTOR V, analysis/ FACTOR VII, analysis/ FACTOR VIII, analysis/ FACTOR X, analysis/ FEMALE/ FIBRINOGEN, analysis/ HEPARIN, analysis/ HUMAN/ MALE/ MIDDLE AGE/ PROTHROMBIN TIME/ SEX FACTORS/ THROMBOPLASTIN, analysis

7874. **Todd ME, McDevitt E, Goldsmith EI:** Blood-clotting mechanisms of nonhuman primates. Choice of the baboon model to simulate man.
J Med Primatol 1:132-41, 1972
ANIMAL EXPERIMENTS/ APES/ *BABOONS, physiology/ *BLOOD COAGULATION/ BLOOD PLATELETS/ CHIMPANZEES/ DOGS/ FACTOR V, analysis/ FACTOR VII, analysis/ FACTOR VIII, analysis/ FACTOR IX, analysis/ FACTOR X, analysis/ FACTOR XI, analysis/ FACTOR XII, analysis/ FACTOR XIII, analysis/ FIBRINOGEN, analysis/ HEMATOCRIT/ HEMOGLOBIN, analysis/ HUMAN/ MACACA/ *MODELS, BIOLOGICAL/ MONKEYS/ PROTHROMBIN, analysis/ RABBITS/ THROMBOPLASTIN, analysis

7875. **Todorović M:** Iskustva liječenja bolesnika s Werlhofovom bolešću u 10-godišnjem razdoblju.
Lijec Vjesn 95:137-40, 1973 (Cro)
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ MIDDLE AGE/ PREDNISONE, therapeutic use/ PURPURA, THROMBOPENIC, drug therapy/ *PURPURA, THROMBOPENIC, therapy/ RETROSPECTIVE STUDIES/ SPLENECTOMY/ SYNDROME

7876. **Toghill PJ, Green S:** Factors influencing splenic pooling of erythrocytes in the myelo- and lympho-proliferative syndromes.
Acta Haematol (Basel) 49:215-22, 1973
CHROMIUM/ EPINEPHRINE, pharmacodynamics/ ERYTHROCYTE COUNT/ *ERYTHROCYTES/ HEMORRHAGIC THROMBOCYTHEMIA, blood/ HUMAN/ *LEUKEMIA, LYMPHOCYTIC, blood/ LEUKEMIA, MYELOCYTIC, blood/ *LYMPHOSARCOMA, blood/ MYELOID METAPLASIA, blood/ *MYELOPROLIFERATIVE DISORDERS, blood/ NOREPINEPHRINE, pharmacodynamics/ POLYCYTHEMIA, blood/ *SPLEEN/ SPLEEN, drug effects/ *SPLENOMEGALY, blood

7877. **Toledano A, Martinez-Rodriguez R:** Study of the hydrolysis of acetyl- and butyryl thiocholine in cerebellum of rat using a new histochemical technique (menadione-NBT).
Ann Histochim 17:289-304, Oct-Dec 72
ANIMAL EXPERIMENTS/ *CEREBELLUM, metabolism/ *CHOLINE, metabolism/ COMPARATIVE STUDY/ HISTOCYTOCHEMISTRY/ HYDROLYSIS/ RATS/ *VITAMIN K

7878. **Tolosa E:** Hematomas of the brain stem. Case report.
Schweiz Arch Neurol Neurochir Psychiatr 111:447-52, 1972
*BRAIN STEM, surgery/ CASE REPORT/ CEREBRAL HEMORRHAGE, radiography/ *CEREBRAL HEMORRHAGE, surgery/ CEREBRAL VENTRICLES, surgery/ CHILD/ *HEMATOMA, surgery/ HUMAN/ MALE/ VENTRICULOGRAPHY

7879. **Tomar RH, Beisswenger JG:** The formation of an enzymically active complex between DFP-inhibited plasmin and streptokinase.
Proc Soc Exp Biol Med 143:127-30, May 73
CASEIN, metabolism/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ *FIBRINOLYSIN, antagonists & inhibitors/ FIBRINOLYSIN, metabolism/ HYDROLYSIS/ ISOFLUROPHATE, metabolism/ ISOFLUROPHATE, pharmacodynamics/ *PLASMINOGEN, antagonists & inhibitors/ PLASMINOGEN, metabolism/ RADIOISOTOPE SCANNING/ *STREPTOKINASE, antagonists & inhibitors/ STREPTOKINASE, metabolism

7880. **Tomar RH, Kolchins D:** Complement and coagulation. Serum beta-1c-beta-1a in disseminated intravascular coagulation.
Thromb Diath Haemorrh 27:389-95, 31 Jul 72
BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ *COMPLEMENT, analysis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ *DISSEMINATED INTRAVASCULAR COAGULATION, immunology/ FIBRINOLYSIN, analysis/ FIBRINOLYTIC AGENTS, therapeutic use/ GEL DIFFUSION TESTS/ GYNECOLOGIC DISEASES, blood/ HEMOLYSIS/ HUMAN/ NEOPLASMS, blood/ PROTHROMBIN TIME/ SEPTICEMIA, blood

7881. **Tomashefski JF, Zorn S:** Pulmonary embolism: a new look at an old problem. Geriatrics 28:76-82, Sep 73
ANOXEMIA, complications/ ATELECTASIS, radiography/ DYSPNEA, complications/ FEMALE/ HEPARIN, administration & dosage/ HUMAN/ MIDDLE AGE/ *PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, prevention & control/ RADIOISOTOPE SCANNING

7882. **Tomaszewski J, Hanzlik J, Lopatyński J, et al:** Badania

nad składem chemicznym ściany naczyniowej. 13. Kolagen i elastyn ściany aroty królików po podawaniu diety miażdżycorodnej i wywołaniu cukrycy alloksanowej.
Pol Arch Med Wewn 50:793-800, Aug 73 (Pol)
*ALLOXAN DIABETES, metabolism/ ANIMAL EXPERIMENTS/ *AORTA, analysis/ ARTERIOSCLEROSIS, chemically induced/ *COLLAGEN, analysis/ DIET, ATHEROGENIC/ *ELASTIN, analysis/ ENGLISH ABSTRACT/ RABBITS/ TIME FACTORS

7883. **Tomaszewski J, Hanzlik J:** Wpływ diety miażdżycorodnej na zawartość hyproprotein i białek w surowicy krwi królików.
Acta Physiol Pol 23:703-8, Jul-Aug 72 (Pol)
ANIMAL EXPERIMENTS/ AORTA, drug effects/ *BLOOD PROTEINS/ CHOLESTEROL, blood/ COLLAGEN, metabolism/ *DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ HYDROXYPROLINE, blood/ HYDROXYPROLINE, metabolism/ LIPIDS, blood/ RABBITS

7884. **Tomich EG:** Effects of potential gradient on the electrophoretic mobility of human blood platelets in the presence of ADP or noradrenaline.
Biochem Pharmacol 21:3201-3, 1 Dec 72
ADENOSINE DIPHOSPHATE, administration & dosage/ *ADENOSINE DIPHOSPHATE, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ ELECTROPHORESIS/ HUMAN/ MICROELECTRODES/ NOREPINEPHRINE, administration & dosage/ *NOREPINEPHRINE, pharmacodynamics

7885. **Tomikawa M, Abiko Y:** [The plasminogen-plasmin system. 8. On the mechanism of chemical induction of fibrinolysis. Isolation of a latent plasminogen activator from human plasma.
Thromb Diath Haemorrh 29:50-62, 28 Feb 73
BLOOD PROTEIN ELECTROPHORESIS/ *FIBRINOLYSIN/ FIBRINOLYSIS/ FLUFENAMIC ACID/ GEL FILTRATION/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IMMUNOELECTROPHORESIS/ ISOELECTRIC FOCUSING/ *PLASMINOGEN

7886. **Tomita M, Kurokawa T, Osawa T, et al:** Effect of trypsin treatment of mouse fibroblasts and their SV40-transformed cells on the agglutinability by several phytoagglutinins having different sugar-binding properties. Gann 63:269-71, Apr 72
*AGGLUTINATION, drug effects/ ANIMAL EXPERIMENTS/ *CARBOHYDRATES/ CARBOHYDRATES, metabolism/ CELL LINE/ CELL TRANSFORMATION, NEOPLASTIC/ CONCANAVALIN A, pharmacodynamics/ *FIBROBLASTS, drug effects/ FIBROBLASTS, immunology/ MICE/ *PLANT AGGLUTININS, pharmacodynamics/ *SV40 VIRUS/ *TRYPSIN, pharmacodynamics

7887. **Tomoda A, Tsuda S, Minakami S:** Acceleration of red cell glycolysis by citrate due to intracellular pH enhancement. Experientia 29:539-40, 15 May 73
BLOOD PRESERVATION/ *CITRATES, pharmacodynamics/ *ERYTHROCYTES, metabolism/ FRUCTOSEPHOSPHATES, biosynthesis/ GLUCOSEPHOSPHATES, biosynthesis/ GLYCEROPHOSPHATES, biosynthesis/ *GLYCOLYSIS, drug effects/ HUMAN/ *HYDROGEN-ION CONCENTRATION/ LACTATES, biosynthesis

7888. **Tongio MM, Berrebi A, Pfeiffer B, et al:** Serological studies on lymphocytotoxic antibodies in primiparous women. Tissue Antigens 1:243-57, 1971
ADULT/ *ANTIBODY SPECIFICITY/ BLOOD PLATELETS, immunology/ COMPLEMENT FIXATION TESTS/ CROSS REACTIONS/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FEMALE/ *HISTOCOMPATIBILITY ANTIGENS, analysis/ HUMAN/ IMMUNE SERUMS/ ISOANTIBODIES, analysis/ MALE/ PARITY/ PHENOTYPE/ PREGNANCY

7889. **Toole JF, Janeway R, Miller H, et al:** Transient episodes of cerebrovascular ischemia (TIA's). Effects of medical or surgical management on natural history of the illness. Trans Am Clin Climatol Assoc 84:71-7, 1973
ADULT/ AGE FACTORS/ AGED/ ANTICOAGULANTS, therapeutic use/ ARTERIAL OCCLUSIVE DISEASES, complications/ CEREBRAL ISCHEMIA, TRANSIENT, complications/ CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ CEREBRAL ISCHEMIA, TRANSIENT, mortality/ CEREBRAL ISCHEMIA, TRANSIENT, surgery/ *CEREBRAL ISCHEMIA, TRANSIENT, therapy/ FEMALE/ FOLLOW-UP STUDIES/ HEART DISEASES, complications/ HUMAN/ HYPERGLYCEMIA, complications/ HYPERTENSION, complications/ MALE/ MIDDLE AGE/ NORTH CAROLINA/ PROGNOSIS/ VASCULAR DISEASES, complications

7890. **Toom PM, Chan DS:** Enzymatic activities of venom from the jellyfish Stomolophus meleagris.
Comp Biochem Physiol [B] 43:435-41, 15 Oct 72
ACID PHOSPHATASE, analysis/ ALKALINE PHOSPHATASE, analysis/ *COELENTERATA, enzymology/ HYALURONIDASE, analysis/ *HYDROLASES, analysis/ LEUCINE AMINOPEPTIDASE, analysis/ NUCLEOTIDASES, analysis/ PEPTIDE HYDROLASES, analysis/ PHOSPHODIESTERASES, analysis/ *VENOMS, analysis

7891. **Topalov I, Manolova M, Stoianova M, et al:** Lechenie na belodrobnata atelektaza s bulgarski enzimen preparat.
Khirurgiia (Sofiia) 26:17-21, 1973 (Bul)
*ATELECTASIS, drug therapy/ BRONCHI, secretion/ ENGLISH ABSTRACT/ HUMAN/ INHALATION THERAPY/ *POSTOPERATIVE COMPLICATIONS, drug therapy/ *STREPTODORNASE AND STREPTOKINASE, therapeutic use

7892. **Tornow K:** Die Orbita-Phlebographie.
Radiologe 12:403-8, Dec 72 (Ger)
ADOLESCENCE/ ADULT/ AGED/ BRAIN ABSCESS, radiography/ BRAIN CONCUSSION, radiography/ BRAIN NEOPLASMS, radiography/ CAROTID ARTERY, EXTERNAL, radiography/ CAROTID ARTERY, INTERNAL, radiography/ CEREBRAL ANGIOGRAPHY/ CHILD/ CHILD, PRESCHOOL/ EYE, blood supply/ FEMALE/ HEMATOMA, radiography/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ MIDDLE AGE/ *ORBIT, radiography/ PHLEBOGRAPHY/ SINUS THROMBOSIS, radiography/ SUBARACHNOID HEMORRHAGE, radiography/ TURBINATES, radiography

7893. **Török P:** Die Lokalisation eines Proteinasen-Inhibitors in der Niere der Maus durch Immunofluoreszenz.
Arzneim Forsch 22:1534-8, Sep 72 (Ger)
ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ ENGLISH ABSTRACT/ FLUORESCENT ANTIBODY TECHNIC/ GAMMA GLOBULIN/ GOATS/ INJECTIONS, INTRAVENOUS/ IODINE ISOTOPES/ KALLIKREIN-TRYPSIN INACTIVATOR, administration & dosage/ *KALLIKREIN-TRYPSIN INACTIVATOR, metabolism/ *KIDNEY, metabolism/ MALE/ MICE/ RABBITS/ STAINS AND STAINING

7894. **Török P, Räker KO, Habermann E:** Autoradiographische und biochemische Studien zur Bindung des Kunitz-Inhibitors an Knorpel.
Arzneim Forsch 22:2110-5, Dec 72 (Ger)
ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ BINDING, COMPETITIVE/ CARTILAGE, ARTICULAR, cytology/ *CARTILAGE, ARTICULAR, metabolism/ CATTLE/ CHONDROITIN/ ENGLISH ABSTRACT/ FEMALE/ FEMUR/ GEL FILTRATION/ HISTOCYTOCHEMISTRY/ HUMAN/ IODINE ISOTOPES/ *KALLIKREIN-TRYPSIN INACTIVATOR, metabolism/ KNEE JOINT/ MALE/ MICROTOMY/ NOSE/ PROTEIN BINDING/ RABBITS/ RATS/ SERUM ALBUMIN, RADIO-IODINATED/ TIBIA

7895. **Torquebiau-Colard O, Etienne J, Polonovski J:** Etude des phospholipases membranaires: nécessité d'un activateur présent dans les lysats plaquettaires.
C R Acad Sci [D] (Paris) 275:2775-7, 6 Dec 72 **(Fre)**
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, enzymology/ CELL MEMBRANE, drug effects/ *CELL MEMBRANE, enzymology/ CEPHALINS, metabolism/ ENZYME PRECURSORS/ LIVER, enzymology/ METHODS/ *PHOSPHOLIPASE, analysis/ RATS/ SODIUM CHLORIDE, pharmacodynamics/ SOLUBILITY

7896. **Torrance JD:** The role of fructose in restoration of organic phosphate compounds in outdated bank blood. J Lab Clin Med 82:489-99, Sep 73
ADENOSINE, blood/ ADENOSINE TRIPHOSPHATE, biosynthesis/ *ADENOSINE TRIPHOSPHATE, blood/ *BLOOD PRESERVATION/ CITRATES/ DIPHOSPHOGLYCERIC ACIDS, biosynthesis/ DIPHOSPHOGLYCERIC ACIDS, blood/ ERYTHROCYTES, metabolism/ *FRUCTOSE, blood/ GLUCOSE/ *GLYCERIC ACIDS, blood/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INOSINE, blood/ *ORGANOPHOSPHORUS COMPOUNDS, blood/ OXYGEN, blood/ PHOSPHATES, blood/ PYRUVATES, blood

7897. **Torres A, Lucia JF, Giralt M, et al:** Los tests de paracoagulación en el diagnóstico del síndrome de coagulación intravascular diseminada: análisis crítico.
Sangre (Barc) 18:69-79, 1973 **(Spa)**
*BLOOD COAGULATION TESTS/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ HUMAN

7898. **Torstensson NT:** Protease inhibitors from Streptomyces violascens. 3. Purification and some properties of the inhibitors.
Arch Mikrobiol 91:11-8, 8 Apr 73
ASPERGILLUS, enzymology/ CHYMOTRYPSIN, isolation & purification/ DIALYSIS/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ METHODS/ PAPAIN, antagonists & inhibitors/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ SPECIES SPECIFICITY/ *STREPTOMYCES, enzymology/ TEMPERATURE/ *TRYPSIN INHIBITORS, isolation & purification/ ULTRAFILTRATION

7899. **Tortamano N, Fava-de-Moraes F:** Histometrical and functional changes in the major salivary glands of the rat after periodic amputations of the incisor teeth.
Acta Physiol Lat Am 23:51-6, 1973
AMPUTATION/ AMYLASE, analysis/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ FEMALE/ *INCISOR, injuries/ KARYOMETRY/ NEURAMINIC ACIDS, analysis/ ORGAN WEIGHT/ PAROTID GLAND, analysis/ PAROTID GLAND, cytology/ PAROTID GLAND, enzymology/ PEPTIDE HYDROLASES, analysis/ RATS/ *SALIVARY GLANDS, physiology/ SUBLINGUAL GLAND, analysis/ SUBLINGUAL GLAND, cytology/ SUBLINGUAL GLAND, enzymology/ SUBMANDIBULAR GLAND, analysis/ SUBMANDIBULAR GLAND, cytology/ SUBMANDIBULAR GLAND, enzymology

7900. **Tošić S, Potkonjak D, Kušić M:** Ispitivanje lipaze i tripsina iz duodenumskog sadržaja.
Srp Arh Celok Lek 100:1033-9, Sep 72 **(Ser)**
*DUODENUM, enzymology/ ENGLISH ABSTRACT/ HUMAN/ *INTESTINAL SECRETIONS, enzymology/ *LIPASE, metabolism/ PANCREAS, physiology/ PANCREATIC DISEASES, enzymology/ PANCREATIC JUICE, secretion/ PANCREOZYMIN, administration & dosage/ *TRYPSIN, metabolism

7901. **Toskes PP, Deren JJ, Conrad ME:** Trypsin-like nature of the pancreatic factor that corrects vitamin B12 malabsorption associated with pancreatic dysfunction. J Clin Invest 52:1660-4, Jul 73
AMYLASE, analysis/ ANIMAL EXPERIMENTS/ CENTRIFUGATION/ CHYMOTRYPSIN, analysis/ COBALT ISOTOPES/ DRUG STABILITY/ GEL FILTRATION/ LIPASE, analysis/ MALE/ MOLECULAR WEIGHT/ *PANCREAS/ PANCREATECTOMY/ *PANCREATIC DISEASES, metabolism/ RATS/ SOLUBILITY/ SWINE/ TEMPERATURE/ TISSUE EXTRACTS, analysis/ *TISSUE EXTRACTS, pharmacodynamics/ TRYPSIN, analysis/ TRYPSIN, pharmacodynamics/ ULTRAFILTRATION/ *VITAMIN B 12, metabolism/ VITAMIN B 12, urine

7902. **Toskes PP, Deren JJ, Conrad ME:** Trypsin-like nature of the pancreatic factor that corrects vitamin B 12 malabsorption associated with pancreatic dysfunction. J Clin Invest 22:1660-4, Jul 73
AMYLASE, analysis/ ANIMAL EXPERIMENTS/ CENTRIFUGATION/ CHYMOTRYPSIN, analysis/ COBALT ISOTOPES/ DIALYSIS/ DRUG STABILITY/ GEL FILTRATION/ LIPASE, analysis/ MALE/ MOLECULAR WEIGHT/ *PANCREAS/ PANCREATECTOMY/ *PANCREATIC DISEASES, metabolism/ RATS/ SOLUBILITY/ SWINE/ TEMPERATURE/ TISSUE EXTRACTS, analysis/ *TISSUE EXTRACTS, pharmacodynamics/ TRYPSIN, analysis/ TRYPSIN, pharmacodynamics/ ULTRAFILTRATION/ *VITAMIN B 12, metabolism/ VITAMIN B 12, urine

7903. **Tost M:** Rozpoznanie róznicowe w zaburzeniach rozwojowych siatkówki.
Klin Oczna 43:715-21, Jun 73 **(Pol)**
ADOLESCENCE/ ANGIOMATOSIS, diagnosis/ CHILD/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ EYE NEOPLASMS, diagnosis/ FEMALE/ GLIOMA, diagnosis/ HUMAN/ INFANT/ INFANT, PREMATURE, DISEASES/ MALE/ *RETINAL DISEASES, diagnosis/ RETROLENTAL FIBROPLASIA, diagnosis

7904. **Tóth S, Szilágyi T, Went M, et al:** Preparation of local Shwartzman reaction by means of platelet rich plasma. Acta Physiol Acad Sci Hung 42:163-8, 1972
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS/ CELL MOVEMENT, drug effects/ EDEMA, chemically induced/ ENDOTOXINS/ ENDOTOXINS, pharmacodynamics/ ESCHERICHIA COLI/ FEMALE/ HYPEREMIA, chemically induced/ LEUKOCYTES, drug effects/ MALE/ RABBITS/ *SHWARTZMAN PHENOMENON, chemically induced/ SKIN, drug effects

7905. **Tóth S, Szilágyi T, Csongor J:** Effect of spironolactone and phenobarbital on the plasma fibrinogen in rats.
Experientia 28:1289-90, 15 Nov 72
AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ FEMALE/ *FIBRINOGEN, biosynthesis/ LIVER, drug effects/ LIVER, metabolism/ ORGAN WEIGHT/ *PHENOBARBITAL, pharmacodynamics/ RATS/ *SPIRONOLACTONE, pharmacodynamics/ TIME FACTORS

7906. **Toulemonde F:** La maladie thrombo-embolique en milieu chirurgical. Aspects actuels de son dépistage et de son traitement prophylactique. 1.
Phlebologie 25:205-18, Apr-Jun 72 **(Fre)**
AUTOPSY/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FIBRINOGEN, diagnostic use/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ PHLEBOGRAPHY/ *POSTOPERATIVE COMPLICATIONS/ POSTOPERATIVE COMPLICATIONS, diagnosis/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, physiopathology/ *THROMBOEMBOLISM/ THROMBOEMBOLISM, diagnosis/ THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, physiopathology

7907. **Toulemonde F:** La maladie thrombo-embolique en milieu chirurgical. Aspects actuels de son dépistage

et de son traitement prophylactique. 2.
Phlebologie 25:433-62, Oct-Dec 72 (202 ref.) (Fre)
*BLOOD PLATELET DISORDERS, prevention & control/ BLOOD PLATELETS, drug effects/ DEXTRAN, therapeutic use/ ELECTRIC STIMULATION/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, pharmacodynamics/ HUMAN/ MALE/ METHODS/ OCCLUSIVE DRESSINGS/ POSTOPERATIVE CARE/ *POSTOPERATIVE COMPLICATIONS/ PREOPERATIVE CARE/ REVIEW/ *THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, prevention & control/ VITAMIN K, antagonists & inhibitors

7908. **Toulouse R, Dubois J, Villartay A de, et al:** Insuffisance médullaire et grossesse.
Rev Fr Gynecol Obstet 67:525-7, Oct 72 (Fre)
ADULT/ *ANEMIA, APLASTIC/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BONE MARROW EXAMINATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ IRON, blood/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC

7909. **Toumieux B, Frieh JM, Lamisse F, et al:** Fissuration du tronc artériel brachio-céphalique dans la trachée au cours de la réanimation respiratoire.
Ann Chir Thorac Cardiovasc 11:405-9, Oct 72 (Fre)
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ *FISTULA, etiology/ FISTULA, surgery/ *HEMORRHAGE, etiology/ HEMOSTASIS/ HUMAN/ *INNOMINATE ARTERY, injuries/ LIGATION/ MALE/ MIDDLE AGE/ PROGNOSIS/ TRACHEOTOMY, adverse effects/ VASCULAR DISEASES, etiology

7910. **Touraine R, David D:** Les accidents vasculaires pulmonaires d'origine médicamenteuse.
Rev Tuberc Pneumol (Paris) 36:821-39, Jul-Aug 72 (Fre)
ANTICOAGULANTS, adverse effects/ APPETITE DEPRESSANTS, adverse effects/ *ARTERITIS, chemically induced/ CATECHOLAMINES, adverse effects/ CONTRACEPTIVES, ORAL, adverse effects/ CORTICOTROPIN, adverse effects/ ENGLISH ABSTRACT/ FIBRINOLYTIC AGENTS, adverse effects/ HUMAN/ *HYPERTENSION, PULMONARY, chemically induced/ IATROGENIC DISEASE/ LUNG DISEASES, chemically induced/ MERCURY, adverse effects/ *PULMONARY EMBOLISM, chemically induced/ TRANQUILIZING AGENTS, adverse effects

7911. **Tovi D:** The use of antifibrinolytic drugs to prevent early recurrent aneurysmal subarachnoid haemorrhage. Acta Neurol Scand 49:163-75, 1973
ADULT/ AGED/ ANTIFIBRINOLYTIC AGENTS/ BLOOD CELL COUNT/ *CEREBRAL ANEURYSM, drug therapy/ CEREBRAL ANGIOGRAPHY/ *CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ DIPHENYLHYDANTOIN, therapeutic use/ FACTOR V/ FACTOR VII/ FACTOR IX/ FACTOR X/ FEMALE/ FIBRIN, cerebrospinal fluid/ FIBRIN, metabolism/ FIBRINOGEN, metabolism/ FIBRINOLYTIC AGENTS, blood/ FIBRINOLYTIC AGENTS, cerebrospinal fluid/ HUMAN/ HYDRALAZINE, therapeutic use/ MALE/ METHYLDOPA, therapeutic use/ MIDDLE AGE/ PROTHROMBIN/ RECURRENCE/ SUBARACHNOID HEMORRHAGE, mortality/ *SUBARACHNOID HEMORRHAGE, prevention & control

7912. **Tovi D:** Fibrinolytic activity of human brain. A histochemical study.
Acta Neurol Scand 49:152-62, 1973
AGED/ AUTOPSY/ BRAIN, pathology/ *BRAIN CHEMISTRY/ CAPILLARIES, pathology/ CEREBRAL ARTERIES, pathology/ CEREBROVASCULAR CIRCULATION/ *FIBRIN, analysis/ *FIBRINOLYSIS/ HISTOCYTOCHEMISTRY/ MIDDLE AGE/ THALAMUS, analysis

7913. **Tovi D, Nilsson IM, Thulin CA:** Fibrinolytic activity of the cerebrospinal fluid after subarachnoid haemorrhage. Acta Neurol Scand 49:1-9, 1973
FEMALE/ FIBRIN, metabolism/ FIBRINOGEN, metabolism/ *FIBRINOLYSIS/ HUMAN/ MIDDLE AGE/ SUBARACHNOID HEMORRHAGE, blood/ *SUBARACHNOID HEMORRHAGE, cerebrospinal fluid/ SUBARACHNOID HEMORRHAGE, surgery/ TIME FACTORS

7914. **Tovi D, Nilsson IM:** Increased fibrinolytic activity and fibrin degradation products after experimental intracerebral haemorrhage.
Acta Neurol Scand 48:403-15, 1972
ANIMAL EXPERIMENTS/ BRAIN/ *CEREBRAL HEMORRHAGE, blood/ CEREBRAL HEMORRHAGE, cerebrospinal fluid/ CRANIOTOMY/ DOGS/ *FIBRIN, analysis/ FIBRIN, cerebrospinal fluid/ *FIBRINOLYSIS/ *HEMATOMA, blood/ HEMATOMA, cerebrospinal fluid/ INJECTIONS/ METHODS/ PUNCTURES/ TIME FACTORS

7915. **Tovi D, Nilsson IM, Thulin CA:** Fibrinolysis and subarachnoid haemorrhage. Inhibitory effect of tranexamic acid. A clinical study.
Acta Neurol Scand 48:393-402, 1972
BLOOD-BRAIN BARRIER, drug effects/ CEREBRAL ANEURYSM, drug therapy/ CYCLOHEXANECARBOXYLIC ACIDS, administration & dosage/ CYCLOHEXANECARBOXYLIC ACIDS, blood/ CYCLOHEXANECARBOXYLIC ACIDS, cerebrospinal fluid/ *CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ DEPRESSION, CHEMICAL/ ELECTROPHORESIS, PAPER/ FIBRIN, cerebrospinal fluid/ *FIBRINOLYSIS, drug effects/ HUMAN/ INJECTIONS, INTRAVENOUS/ METHODS/ PRECIPITATION/ RUPTURE/ *SUBARACHNOID HEMORRHAGE, drug therapy/ TIME FACTORS

7916. **Townley RR:** Celiac disease--an inborn error of metabolism. Am J Dig Dis 18:797-800, Sep 73
*CELIAC DISEASE, enzymology/ CELIAC DISEASE, familial & genetic/ CHILD/ GLUCOSIDASE, metabolism/ HUMAN/ INTESTINES, enzymology/ *METABOLISM, INBORN ERRORS, enzymology/ METABOLISM, INBORN ERRORS, familial & genetic/ *PEPTIDE HYDROLASES, metabolism/ SUCRASE, metabolism

7917. **Townley RR, Cornell HJ, Bhathal PS, et al:** Toxicity of wheat gliadin fractions in coeliac disease.
Lancet 1:1363-4, 16 Jun 73
ANIMAL EXPERIMENTS/ *CELIAC DISEASE, etiology/ CELIAC DISEASE, immunology/ CELIAC DISEASE, pathology/ CHILD/ HEMAGGLUTINATION TESTS/ HUMAN/ IN VITRO/ INTESTINAL MUCOSA, pathology/ LIVER/ LYSOSOMES, drug effects/ ORGAN CULTURE/ PANCREATIN/ PEPSIN/ RATS/ TRYPSIN/ *WHEAT

7918. **Townshend RH, Jephcott AE, Yekta MH:** Erysipelothrix septicaemia without endocarditis.
Br Med J 1:464, 24 Feb 73
*ENDOCARDITIS, BACTERIAL/ *ERYSIPELOTHRIX INFECTIONS/ ERYSIPELOTHRIX INFECTIONS, drug therapy/ FEMALE/ FISH PRODUCTS, adverse effects/ HEART AUSCULTATION/ HEMOGLOBIN, analysis/ HUMAN/ LUNG, radiography/ MIDDLE AGE/ OCCUPATIONAL DISEASES/ PENICILLIN, therapeutic use/ *SEPTICEMIA/ WARFARIN, therapeutic use

7919. **Toyosaka H, Nagao T:** [Management of hemophilia. 2. Hematuria]
Jap J Clin Hematol 14:590-5, May 73 (Jap)
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ *HEMATURIA, drug therapy/ HEMATURIA, etiology/ HEMOPHILIA, complications/ *HEMOPHILIA, drug therapy/ HUMAN/ INFANT/ MALE

7920. **Track NS, Bokermann M, Creutzfeldt C, et al:** Enzymatic and ultrastructural development of the bovine exocrine pancreas.
Comp Biochem Physiol [B] 43:313-22, 15 Oct 72
AMYLASE, analysis/ ANIMAL EXPERIMENTS/ *CATTLE, embryology/ CHYMOTRYPSIN, analysis/ CYTOPLASMIC GRANULES/ ENDOPLASMIC RETICULUM/ FETUS, cytology/ FETUS, enzymology/ GESTATIONAL AGE/ LEUCINE AMINOPEPTIDASE, analysis/ LIPASE, analysis/ MICROSCOPY, ELECTRON/ PANCREAS, cytology/ *PANCREAS, embryology/ PANCREAS, enzymology/ PANCREAS, growth & development/ PHOSPHOLIPASE, analysis/ RIBOSOMES/ TRYPSIN, analysis

7921. **Track NS, Bokermann M:** Functional development of the bovine exocrine pancreas.
Comp Biochem Physiol [A] 44:1101-4, 1 Apr 73
AGING/ ANIMAL EXPERIMENTS/ CATTLE/ CHYMOTRYPSIN, analysis/ DUODENUM, analysis/ DUODENUM, secretion/ FEMALE/ FETUS/ LIPASE, analysis/ PANCREAS, analysis/ PANCREAS, enzymology/ *PANCREAS, growth & development/ PHOSPHOLIPASE, analysis/ PREGNANCY/ TRYPSIN, analysis

7922. **Track NS, Kanazawa Y:** Fetal calf pancreas: its suitability for studies of (pro) insulin biosynthesis.
Horm Metab Res 4:421-6, Nov 72
ANIMAL EXPERIMENTS/ CATTLE/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FETUS/ HYDROLYSIS/ IN VITRO/ INSULIN, analysis/ INSULIN ANTIBODIES, analysis/ INSULIN ANTIBODIES, isolation & purification/ LEUCINE, metabolism/ *PANCREAS, metabolism/ *PROINSULIN, biosynthesis/ TIME FACTORS/ TRITIUM/ TRYPSIN

7923. **Traczyk Z, Daszyński J:** Zachowanie się krwinek białych we krwi konserwowanej.
Acta Hepatogastroenterol (Stuttg) 2:55-61, Jan-Mar 71 (Pol)
*BLOOD PRESERVATION/ ENGLISH ABSTRACT/ HUMAN/ LEUKOCYTE COUNT/ *LEUKOCYTES/ LEUKOCYTES, metabolism/ LYMPHOCYTE TRANSFORMATION, drug effects/ LYMPHOCYTES/ MONOCYTES/ PLANT AGGLUTININS, pharmacodynamics/ TEMPERATURE/ TIME FACTORS

7924. **Trapeznikov NN, Klimenkov AA, Karapetian RM:** Obshchie printsipy diagnostiki zlokachestvennykh opukholeĭ miagkikh tkaneĭ.
Vestn Akad Med Nauk SSSR 27:62-8, 1972 (Rus)
ADULT/ AGED/ ANGIOSARCOMA, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ EXTREMITIES/ FEMALE/ HEMANGIOPERICYTOMA, diagnosis/ HUMAN/ LEIOMYOSARCOMA, diagnosis/ LIPOSARCOMA, diagnosis/ MIDDLE AGE/ *NEOPLASMS, diagnosis/ NEURILEMMOMA, diagnosis/ SYNOVIOMA, diagnosis

7925. **Traub WH:** Studies on group A bacteriocins of Serratia marcescens: preliminary characterization of two subgroups of bacteriocins.
Zentralbl Bakteriol [Orig A] 222:232-44, Nov 72
*BACTERIOCINS, isolation & purification/ BACTERIOPHAGE/ CHLOROFORM/ COLD/ DEOXYRIBONUCLEASE/ DRUG INTERACTIONS/ DRUG STABILITY/ HEAT/ MICROSCOPY, ELECTRON/ PRONASE/ SERRATIA MARCESCENS, analysis/ TIME FACTORS/ TRYPSIN/ ULTRACENTRIFUGATION

7926. **Traverso-Cori A, Cori O:** Especificidad en las reacciones enzimáticas.
Rev Med Chil 100:1467-80, Jul 73 (57 ref.) (Spa)
ADENOSINE TRIPHOSPHATE/ ALLOSTERIC REGULATION/ BENZOATES/ BINDING SITES/ BLOOD COAGULATION/ CATALYSIS/ CHEMISTRY/ COENZYMES/ ENGLISH ABSTRACT/ *ENZYMES/ FEEDBACK/ GLYCOLYSIS/ HYDROLYSIS/ KINETICS/ MOLECULAR CONFORMATION/ PHOSPHATASES/ PHOSPHOLIPIDS/ REVIEW/ STEREOISOMERS/ STEROLS/ SURFACE-ACTIVE AGENTS

7927. **Travis JC, Sanders BG:** Structural comparisons between chicken low molecular weight immunoglobulin heavy chains and human chains.
Biochem Genet 8:391-401, Apr 73
ALKYLATION/ AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHICKENS/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ DITHIOTHREITOL/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ HUMAN/ *IGG, analysis/ *IMMUNOGLOBULIN FRAGMENTS, analysis/ IMMUNOGLOBULIN FRAGMENTS, isolation & purification/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ *PEPTIDES, analysis/ SPECIES SPECIFICITY/ TRYPSIN

7928. **Trębicka-Kwiatkowska B, Radomański T, Ostasz T:** Badania nad przydatnością EACA w stanach aktywacji fibrynolizy w położnictwie i ginekologii.
Wiad Lek 26:297-303, 15 Feb 73 (Pol)
ADULT/ AMINOCAPROIC ACID, pharmacodynamics/ *AMINOCAPROIC ACID, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOLYSIS, drug effects/ HUMAN/ PREGNANCY/ *PREGNANCY COMPLICATIONS, drug therapy/ *UTERINE HEMORRHAGE, drug therapy

7929. **Treister G:** Prevention of retinal detachment in high myopic aphakic eyes.
Isr J Med Sci 8:1434-8, Aug-Sep 72
*CATARACT EXTRACTION/ CHYMOTRYPSIN, adverse effects/ CHYMOTRYPSIN, therapeutic use/ ELECTROCOAGULATION/ FOLLOW-UP STUDIES/ HUMAN/ *MYOPIA, complications/ POSTOPERATIVE COMPLICATIONS/ REFRACTION, OCULAR/ RETINAL DEGENERATION, surgery/ RETINAL DETACHMENT, etiology/ *RETINAL DETACHMENT, prevention & control/ RETINAL DETACHMENT, surgery/ RETINAL DISEASES, surgery/ SCLERA, surgery/ TIME FACTORS/ VITREOUS BODY

7930. **Treil E:** Primary and chronic thromboembolic pulmonary hypertension. Nosologic spectrum.
Angiology 23:558-74, Oct 72 (188 ref.)
ADOLESCENCE/ ADULT/ AGED/ APPETITE DEPRESSANTS, adverse effects/ ARTERIAL OCCLUSIVE DISEASES, complications/ ARTERITIS, complications/ AUTOIMMUNE DISEASES, complications/ BLOOD COAGULATION DISORDERS, complications/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ FEMALE/ HEART DEFECTS, CONGENITAL, complications/ HUMAN/ *HYPERTENSION, PULMONARY/ HYPERTENSION, PULMONARY, classification/ HYPERTENSION, PULMONARY, etiology/ HYPERTENSION, PULMONARY, familial & genetic/ HYPERTENSION, PULMONARY, occurrence/ INFANT/ INFANT, NEWBORN/ MALE/ MIDDLE AGE/ PULMONARY CIRCULATION/ *PULMONARY EMBOLISM/ PULMONARY EMBOLISM, classification/ PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, occurrence/ RAYNAUD'S DISEASE, complications/ REVIEW/ SEX FACTORS/ VASCULAR RESISTANCE

7931. **Treloar MP, Pyle H, Ozge-Anwar AH, et al:** Isolation of prekallikrein activator from guinea pig serum or plasma adsorbed to immune precipitates or celite: possible relationship to Hageman factor.
Eur J Immunol 2:338-45, Aug 72
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ *ANTIGEN-ANTIBODY COMPLEX/ ARGININE/ BLOOD COAGULATION TESTS/ CAPILLARY PERMEABILITY/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS,

POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ ESTERASES, metabolism/ FACTOR VIII, analysis/ FACTOR IX, analysis/ FACTOR X, analysis/ FACTOR XI, isolation & purification/ *FACTOR XII, isolation & purification/ GEL FILTRATION/ GUINEA PIGS/ *IMMUNE SERUMS/ ISOELECTRIC FOCUSING/ *KALLIKREIN, isolation & purification/ KININS, analysis/ MOLECULAR WEIGHT/ THROMBIN, metabolism

7932. **Tremaine JH, Agrawal HO:** Limited proteolysis of potato virus X by trypsin and plant proteases.
Virology 49:735-44, Sep 72
AMINO ACIDS, analysis/ BUFFERS/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HYDROGEN-ION CONCENTRATION/ METHODS/ MICROSCOPY, ELECTRON/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, pharmacodynamics/ PLANT EXTRACTS/ PLANT VIRUSES, analysis/ *PLANT VIRUSES, drug effects/ PLANT VIRUSES, isolation & purification/ PLANT VIRUSES, metabolism/ SOLVENTS/ SPECTROPHOTOMETRY/ *TOBACCO, enzymology/ *TRYPSIN, pharmacodynamics/ VEGETABLES/ VIRAL PROTEINS, analysis/ *VIRAL PROTEINS, metabolism

7933. **Tricot R, Abastado M, Valère PE, et al:** Traitement des thromboses coronariennes par la streptokinase.
Arch Mal Coeur 66:661-71, May 73 (Fre)
AGED/ ANTICOAGULANTS, therapeutic use/ CORONARY CARE UNITS/ *CORONARY DISEASE, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, drug therapy/ PROGNOSIS/ STATISTICS/ *STREPTOKINASE, therapeutic use/ THROMBOSIS, drug therapy/ VITAMIN K, antagonists & inhibitors

7934. **Triolo R, Cavagnino A, Cavalli PL:** La fibrinolisi nell'insufficienza renale cronica trattata con emodialisi periodica.
Minerva Med 63:3704-12, 29 Sep 72 (Ita)
ADOLESCENCE/ ADULT/ AGED/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS/ ENGLISH ABSTRACT/ EPISTAXIS, etiology/ FEMALE/ *FIBRINOLYSIS/ HEMATURIA, etiology/ *HEMODIALYSIS/ HEMORRHAGIC DIATHESIS, etiology/ HEMOSTASIS/ HUMAN/ *KIDNEY DISEASES, complications/ *KIDNEY FAILURE, CHRONIC, complications/ KIDNEY FAILURE, CHRONIC, therapy/ MALE/ MIDDLE AGE/ THROMBELASTOGRAPHY

7935. **Triplett RB, Wingate JM, Carraway KL:** Calcium effects on erythrocyte membrane proteins.
Biochem Biophys Res Commun 49:1014-20, 15 Nov 72
*BLOOD PROTEINS/ *CALCIUM, pharmacodynamics/ CELL MEMBRANE, drug effects/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ERYTHROCYTES, drug effects/ HEMOLYSIS/ HUMAN/ HYDROLYSIS/ MAGNESIUM, pharmacodynamics/ PEPTIDE HYDROLASES, pharmacodynamics/ SODIUM DODECYL SULFATE/ TRYPSIN, analysis

7936. **Trobaugh FE Jr, Husseini S:** Effects of radiation on hematopoietic tissue.
Am J Med Technol 39:119-31, Apr 73
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD PLATELETS, radiation effects/ BONE MARROW CELLS, radiation effects/ CELL SURVIVAL/ DOGS/ ERYTHROCYTES, radiation effects/ *HEMATOPOIETIC STEM CELLS, radiation effects/ HEMATOPOIETIC STEM CELLS, transplantation/ *HEMATOPOIETIC SYSTEM, radiation effects/ HUMAN/ LEUKOCYTES, radiation effects/ MICE/ NEUTROPHILS, radiation effects/ *RADIATION EFFECTS/ RADIATION INJURIES, prevention & control/ RETICULOCYTES, radiation effects

7937. **Trouyez G, Peloux Y, Lefort H:** Problèmes pratiques posés par l'isolement et l'identification des Staphylocoques au laboratoire.
Ann Inst Pasteur Lille 22:397-412, 1971 (Fre)
BACTERIOLOGICAL TECHNICS/ COAGULASE/ CULTURE MEDIA/ DEOXYRIBONUCLEASE/ ENGLISH ABSTRACT/ MANNITOL/ MICROCOCCUS, enzymology/ *MICROCOCCUS, isolation & purification/ PHOSPHATASES/ PIGMENTATION/ STAPHYLOCOCCUS, enzymology/ *STAPHYLOCOCCUS, isolation & purification

7938. **Trowbridge JO, Moon HD:** Purification of human elastase.
Proc Soc Exp Biol Med 141:928-31, Dec 72
AORTA, analysis/ DYES/ ELASTIN/ ELASTIN, isolation & purification/ FREEZE DRYING/ HUMAN/ HYDROGEN-ION CONCENTRATION/ METHODS/ OXAZINES/ PANCREAS, enzymology/ *PANCREATOPEPTIDASE, isolation & purification/ PANCREATOPEPTIDASE, metabolism/ STAINS AND STAINING/ TRYPSIN, pharmacodynamics

7939. **Trowell H:** Crude fibre, dietary fibre and atherosclerosis.
Atherosclerosis 16:138-40, Jul-Aug 72
ANIMAL EXPERIMENTS/ *ARTERIOSCLEROSIS, etiology/ CHOLESTEROL, DIETARY/ *DIET, ATHEROGENIC/ *DIETARY CARBOHYDRATES/ HUMAN

7940. **Troy FA:** Chemistry and biosynthesis of the poly(-D-glutamyl) capsule in Bacillus licheniformis. II. Characterization and structural properties of the enzymatically synthesized polymer.
J Biol Chem 248:316-24, 10 Jan 73
ANHYDRIDES/ *BACILLUS, analysis/ BACILLUS, enzymology/ BOROHYDRIDES/ CARBON ISOTOPES/ CHEMISTRY/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, ION EXCHANGE/ DIPEPTIDES/ FLUOROACETATES/ GLUTAMATES/ *GLUTAMATES, analysis/ HYDROLYSIS/ KINETICS/ LEUCINE/ MATHEMATICS/ METHYLATION/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ PEPTIDE HYDROLASES/ *PEPTIDES, analysis/ STEREOISOMERS/ ULTRACENTRIFUGATION

7941. **True E, Navratil H, Grasset D, et al:** Sclérose tubéreuse de Bourneville. A propos d'une localisation rénale prédominante.
J Urol Nephrol (Paris) 78:270-5, Mar 72 (Fre)
ADULT/ DIAGNOSIS, DIFFERENTIAL/ EYE MANIFESTATIONS/ GINGIVITIS/ HEMANGIOMA, diagnosis/ HUMAN/ *KIDNEY DISEASES/ KIDNEY DISEASES, diagnosis/ KIDNEY NEOPLASMS, diagnosis/ LIPOMA, diagnosis/ MALE/ NEUROLOGIC MANIFESTATIONS/ SKIN MANIFESTATIONS/ *TUBEROUS SCLEROSIS/ TUBEROUS SCLEROSIS, diagnosis

7942. **Truscott DG, Firor WB, Clein LJ:** Accidental profound hypothermia. Successful resuscitation by core rewarming and assisted circulation.
Arch Surg 106:216-8, Feb 73
*ACCIDENTS, TRAFFIC/ ADULT/ BLOOD PRESSURE/ BODY TEMPERATURE/ CARDIAC TAMPONADE, etiology/ COLD CLIMATE/ *EXTRACORPOREAL CIRCULATION/ FEMALE/ *HEART/ HEART INJURIES, etiology/ HEART INJURIES, surgery/ HEART VENTRICLE, surgery/ HEPARIN, adverse effects/ HUMAN/ *HYPOTHERMIA, therapy/ PACEMAKER, ARTIFICIAL, adverse effects/ PULSE/ *RESUSCITATION/ SASKATCHEWAN/ SPINAL FUSION/ SPINAL INJURIES, surgery/ UNCONSCIOUSNESS

7943. **Trutiak LN:** O sostoianii fibrinoliticheskoi aktivnosti krovi u bol'nykh ekzemoi.
Vestn Dermatol Venerol 47:47-9, Jan 73 (Rus)
ACUTE DISEASE/ ADULT/ CHRONIC DISEASE/ *ECZEMA, blood/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIS/

HUMAN/ MALE/ SERUM GLOBULINS, analysis

7944. **Tryfiates GP:** Isolation of rat liver mitochondria and of their ribonucleic acid. Prep Biochem 1:331-44, 1971
ANIMAL EXPERIMENTS/ CELL FRACTIONATION/ CENTRIFUGATION, DENSITY GRADIENT/ COMPARATIVE STUDY/ EVALUATION STUDIES/ LIVER, cytology/ LIVER REGENERATION/ MALE/ METHODS/ MICROSCOPY, ELECTRON/ *MITOCHONDRIA, LIVER, analysis/ RATS/ RIBONUCLEASE/ RIBOSOMES, analysis/ RNA, analysis/ RNA, RIBOSOMAL, analysis/ RNA, RIBOSOMAL, isolation & purification/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRITIUM/ TRYPSIN

7945. **Tsai CC, Taichman NS, Pulver WH, et al:** Heterophile antibodies and tissue injury. 3. A role for platelets in the development of lethal vascular injury during Forssman shock in guinea pigs.
Am J Pathol 72:179-200, Aug 73
*ANAPHYLAXIS, immunology/ ANAPHYLAXIS, prevention & control/ ANIMAL EXPERIMENTS/ *ANTIBODIES, HETEROTYPIC/ ASPIRIN, pharmacodynamics/ BLOOD CELL COUNT/ BLOOD PLATELET DISORDERS, pathology/ *BLOOD PLATELETS, immunology/ *BLOOD VESSELS, pathology/ CAPILLARIES, pathology/ CARBON ISOTOPES/ COMPLEMENT, analysis/ *FORSSMAN ANTIGEN/ GUINEA PIGS/ IMMUNE SERUMS/ LEUKOCYTES, immunology/ LIVER, immunology/ *LUNG, blood supply/ LUNG, immunology/ MICROSCOPY, ELECTRON/ MORTALITY/ RABBITS, immunology/ SEROTONIN/ SHEEP, immunology/ SPLEEN, immunology/ SULFINPYRAZONE, pharmacodynamics/ TIME FACTORS

7946. **Tsai H, Suskind SR:** Enzymic properties of a mutant tryptophan synthase from Neurospora crassa.
Biochim Biophys Acta 284:324-40, 19 Sep 72
APOPROTEINS, isolation & purification/ BUFFERS/ CATALYSIS/ CHROMATOGRAPHY/ COLORIMETRY/ DRUG STABILITY/ ENZYME ACTIVATION/ FLUORESCENCE SPECTROMETRY/ GENETICS, MICROBIAL/ HEAT/ *HYDRO-LYASES/ HYDROXYAPATITE/ INDOLES/ *MUTATION/ *NEUROSPORA, enzymology/ NEUROSPORA CRASSA, enzymology/ PROTAMINES/ PYRIDOXAL PHOSPHATE/ SERINE/ SERUM ALBUMIN, BOVINE/ SPECTROPHOTOMETRY/ SULFONIC ACIDS/ TRYPTOPHAN SYNTHETASE/ TRYPTOPHAN SYNTHETASE, antagonists & inhibitors/ TRYPTOPHAN SYNTHETASE, isolation & purification

7947. **Tsai K, Karstad L:** The pathogenesis of epizootic hemorrhagic disease of deer: an electron microscopic study. Am J Pathol 70:379-400, Mar 73
ANIMAL EXPERIMENTS/ ARBOVIRUS, growth & development/ ARTERIES, pathology/ BLOOD PLATELETS, cytology/ BLOOD PLATELETS, microbiology/ BRAIN, blood supply/ CAPILLARIES, pathology/ CEREBRAL ARTERIES, pathology/ CORONARY VESSELS, pathology/ CYTOPLASMIC GRANULES/ *DEER/ ENDOTHELIUM, cytology/ ENDOTHELIUM, microbiology/ EPIDEMIC HEMORRHAGIC FEVER, blood/ EPIDEMIC HEMORRHAGIC FEVER, etiology/ EPIDEMIC HEMORRHAGIC FEVER, microbiology/ EPIDEMIC HEMORRHAGIC FEVER, pathology/ *EPIDEMIC HEMORRHAGIC FEVER, veterinary/ FEMALE/ FIBRIN/ HISTOLOGICAL TECHNICS/ MALE/ MICROSCOPY, ELECTRON/ TONGUE, blood supply

7948. **Tsai KS, Karstad L:** Ultrastructural characterization of genome of epizootic hemorrhagic disease virus.
Infect Immun 8:463-74, Sep 73
ANIMAL EXPERIMENTS/ *ARBOVIRUS/ ARBOVIRUS, drug effects/ CENTRIFUGATION, DENSITY GRADIENT/ CHYMOTRYPSIN, pharmacodynamics/ DEOXYURIDINE/ DNA, VIRAL, analysis/ EPIDEMIC HEMORRHAGIC FEVER, microbiology/ HAMSTERS/ HEAT/ KIDNEY/ *MICROSCOPY, ELECTRON, SCANNING/ PERCHLORIC ACIDS, pharmacodynamics/ RIBONUCLEASE/ RNA, VIRAL, analysis/ SPECTROPHOTOMETRY/ UREA, pharmacodynamics/ VIRUS CULTIVATION

7949. **Tsan MF, Taube RA, Berlin RD:** The effect of trypsin on membrane transport of non-electrolytes.
J Cell Physiol 81:251-6, Apr 73
*ADENOSINE, metabolism/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, drug effects/ *CELL MEMBRANE, drug effects/ CELL MEMBRANE PERMEABILITY, drug effects/ CHLOROMERCURIBENZOATES, pharmacodynamics/ CHYMOTRYPSIN, pharmacodynamics/ DEPRESSION, CHEMICAL/ DIFFUSION, drug effects/ FEMALE/ LYSINE, metabolism/ MACROPHAGES, drug effects/ MALE/ PAPAIN, pharmacodynamics/ PEPTIDE HYDROLASES, pharmacodynamics/ PULMONARY ALVEOLI/ RABBITS/ *TRYPSIN, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics

7950. **Tsan YC, Wu YT, Tseng CC:** Deoxyribonuclease and lysozyme production by staphylococci and its correlation with other extracellular substances.
J Formosan Med Assoc 72:143-6, Mar 73
COAGULASE, biosynthesis/ *DEOXYRIBONUCLEASE, biosynthesis/ HUMAN/ *MURAMIDASE, biosynthesis/ *STAPHYLOCOCCUS, enzymology

7951. **Tsaplina IA, Egorova LA:** Nekotorye osobennosti rosta, razvitiia i sinteza vnekletochnoĭ proteazy termofil'noĭ bakterii Bacillus brevis.
Mikrobiologiia 41:798-804, Sep-Oct 72 (Rus)
*BACILLUS/ BACILLUS, enzymology/ BACILLUS, growth & development/ CULTURE MEDIA/ ENGLISH ABSTRACT/ *PEPTIDE HYDROLASES, biosynthesis

7952. **Tsapogas MJ, Peabody RA, Karmody AM, et al:** Patho-physiological changes following ischemia of the spleen. Ann Surg 178:179-85, Aug 73
ANIMAL EXPERIMENTS/ DOGS/ ERYTHROCYTES, metabolism/ FACTOR VIII, metabolism/ FACTOR IX, metabolism/ HEMATOLOGIC DISEASES/ IRON, metabolism/ *ISCHEMIA, physiopathology/ LIGATION/ *SPLEEN, blood supply/ SPLEEN, physiology/ SPLEEN, physiopathology/ *SPLENECTOMY/ SPLENIC ARTERY, surgery/ TIME FACTORS

7953. **Tschesche H:** Structure and function of natural proteinase inhibitors.
Angew Chem [Engl] 12:510-1, Jun 73
AMINO ACID SEQUENCE/ CHEMISTRY/ ENZYME REPRESSION/ KINETICS/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TRYPSIN INHIBITORS

7954. **Tschesche H, Dietl T:** Identifizierung der Proteaseinhibitoren synthetisierenden Organe der Weinbergschnecke (Helix pomatia.
Hoppe Seylers Z Physiol Chem 353:1189-93, Jul 72 (Ger)
ANIMAL EXPERIMENTS/ CHYMOTRYPSIN, antagonists & inhibitors/ ENGLISH ABSTRACT/ EXTREMITIES, enzymology/ FIBRINOLYSIN, antagonists & inhibitors/ GASTROINTESTINAL SYSTEM, enzymology/ HEAD, enzymology/ LUNG, enzymology/ MYOCARDIUM, enzymology/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ SNAILS, analysis/ *SNAILS, enzymology/ TRYPSIN INHIBITORS, analysis/ UROGENITAL SYSTEM, enzymology

7955. **Tschesche H, Dietl T:** Broad-specificity protease-isoinhibitors for trypsin, chymotrypsin, plasmin and kallikrein from snails (Helix pomatia). Isolation, inhibition characteristics and amino-acid composition. Eur J Biochem 30:560-70, 7 Nov 72
AMINO ACIDS, analysis/ AMMONIUM SULFATE/ *ANTIFIBRINOLYTIC AGENTS,

isolation & purification/ AUTOANALYSIS/ BINDING SITES/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, ION EXCHANGE/ *CHYMOTRYPSIN, antagonists & inhibitors/ GEL FILTRATION/ HEAT/ *KALLIKREIN-TRYPSIN INACTIVATOR, isolation & purification/ METHODS/ MOLECULAR WEIGHT/ PRECIPITATION/ PROTEIN DENATURATION/ PROTEINS, analysis/ PROTEINS, isolation & purification/ SKIN, metabolism/ *SNAILS/ SNAILS, analysis/ SNAILS, enzymology/ *TRYPSIN INHIBITORS, isolation & purification

7956. **Tschesche H, Schneider M, Reidel G, et al:** Die disulfidbrücken des sekretorischen Schweinepankreas-Trypsininhibitors und der Abbau der kovalenten Struktur während der temporären Hemmung.
Hoppe Seylers Z Physiol Chem 353:763-4, May 72 (Ger)
AMINO ACID SEQUENCE/ BINDING SITES/ CHEMISTRY/ DISULFIDES/ *PANCREAS, enzymology/ *SULFIDES/ SWINE/ *TRYPSIN INHIBITORS

7957. **Tschirkov F, Greifenstein J, Eisenbach J, et al:** Esperimenteller Myokardinfarkt. Vorläufige Mitteilung. 1. Studien über Hämodynamik, Elektrolyte im Myokardgewebe und koronarvenösen Blut, Morphologie. Die Beeinflussung durch Trasylol.
Med Welt 23:1838-43, 2 Dec 72 (Ger)
ANIMAL EXPERIMENTS/ *CORONARY VESSELS, drug effects/ DISEASE MODELS, ANIMAL/ DOGS/ *HEMODYNAMICS, drug effects/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MYOCARDIAL INFARCT, blood/ *MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, physiopathology/ *MYOCARDIUM, pathology/ VEINS/ *WATER-ELECTROLYTE BALANCE, drug effects

7958. **Tschopp TB, Zucker MB:** Platelet function tests in disease. Annu Rev Med 24:1-18, 1973 (214 ref.)
ANIMAL EXPERIMENTS/ ARTERIOSCLEROSIS, complications/ *BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION TESTS/ *BLOOD PLATELET DISORDERS, diagnosis/ BLOOD PLATELET DISORDERS, etiology/ BLOOD PROTEIN DISORDERS, complications/ CONTRACEPTIVES, ORAL, adverse effects/ CORONARY DISEASE, etiology/ DIABETES MELLITUS, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ HEART DISEASES, complications/ HEMORRHAGIC THROMBOCYTHEMIA, etiology/ HUMAN/ HYPERLIPEMIA, complications/ IMMUNOLOGIC DISEASES, complications/ INFECTION, complications/ LIVER DISEASES, complications/ MULTIPLE MYELOMA, complications/ MULTIPLE SCLEROSIS, complications/ PLATELET ADHESIVENESS/ REVIEW/ SHOCK, SURGICAL, complications/ THROMBOPENIA, etiology/ UREMIA, complications

7959. **Tsetlin EM, Levenbuk IS, Al'tshtein AD:** Onkogennost' adenovirusa obez'lan SA7(C8) dlia myshei i krys.
Vopr Onkol 18:37-42, 1972 (Rus)
*ADENOVIRUS, pathogenicity/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ ANTIGENS, VIRAL, analysis/ COMPLEMENT FIXATION TESTS/ ENGLISH ABSTRACT/ HEMANGIOPERICYTOMA, microbiology/ IMMUNE SERUMS, analysis/ INJECTIONS, SUBCUTANEOUS/ MICE/ MICE, INBRED A/ MICE, INBRED AKR/ MICE, INBRED C3H/ MICE, INBRED C57BL/ MICE, INBRED CBA/ NEOPLASM TRANSPLANTATION/ NEOPLASMS, EXPERIMENTAL, pathology/ *ONCOGENIC VIRUSES, pathogenicity/ RATS/ RATS, INBRED STRAINS/ VIRUS CULTIVATION

7960. **Tsimmerman IaS, Rusinova VG:** Kliniko-laboratornaia otsenka effektivnosti kompleksnogo lecheniia bol'nykh infarktom miokarde s primeneniem kofaktorov sinteza i predshestvennikov nukleinovykh kislot.
Kardiologiia 13:43-6, Apr 73 (Rus)
ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ BLOOD PROTEINS, analysis/ CALCIUM, therapeutic use/ CARDIAC GLYCOSIDES, therapeutic use/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ FOLIC ACID, therapeutic use/ HUMAN/ LIPOPROTEINS, blood/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, drug therapy/ *NUCLEIC ACIDS, therapeutic use/ OROTIC ACID, therapeutic use/ SERUM ALBUMIN, analysis/ SERUM GLOBULINS, analysis/ VITAMIN B 12, therapeutic use

7961. **Tsuda K, Kimura M, Adachi H, et al:** [A case of megakaryocytic leukemia]
Jap J Clin Hematol 14:626-33, May 73 (Jap)
BONE MARROW, pathology/ ENGLISH ABSTRACT/ *HEMORRHAGIC THROMBOCYTHEMIA/ HEMORRHAGIC THROMBOCYTHEMIA, blood/ HEMORRHAGIC THROMBOCYTHEMIA, pathology/ HUMAN/ LIVER, pathology/ MALE/ MIDDLE AGE/ SPLEEN, pathology

7962. **Tsuda S, Kakinuma K, Minakami S:** Intracellular pH of red cells stored in acid citrate dextrose medium.
Experientia 28:1481-2, 15 Dec 72
*BLOOD PRESERVATION/ BUFFERS/ *CITRATES/ CULTURE MEDIA/ *ERYTHROCYTES/ *GLUCOSE/ *HYDROGEN-ION CONCENTRATION/ TEMPERATURE/ TIME FACTORS

7963. **Tsujimoto K, Sherman FE, Ravitch MM:** Experimental intestinal atresia in the rabbit fetus. Sequential pathological studies.
Johns Hopkins Med J 131:287-97, Oct 72
ADHESIONS/ ANIMAL EXPERIMENTS/ DISEASE MODELS, ANIMAL/ FEMALE/ INFARCTION/ INTESTINAL ATRESIA, etiology/ *INTESTINAL ATRESIA, pathology/ INTESTINAL PERFORATION, etiology/ INTESTINE, SMALL, blood supply/ *INTESTINE, SMALL, pathology/ MESENTERIC ARTERIES, physiopathology/ MESENTERIC VEINS, physiopathology/ PREGNANCY/ RABBITS

7964. **Tsukimoto I, Hoshino M, Miura M:** [Three young infants with consumption coagulopathy]
Jap J Clin Hematol 13:892-8, Oct 72 (Jap)
AUTOPSY/ *DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ KIDNEY GLOMERULUS, pathology/ LUNG, pathology/ MALE

7965. **Tsung PK, Hermina N, Weissmann G:** Inosine 3',5'-monophosphate and adenosine 3',5'-monophosphate-dependent protein kinase from human PMN leucocytes.
Biochem Biophys Res Commun 49:1657-62, 18 Dec 72
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ CALCIUM/ CASEIN/ CATTLE/ COBALT/ ENZYME ACTIVATION/ GUANOSINE CYCLIC 3',5' MONOPHOSPHATE/ HISTONES/ HUMAN/ *INOSINE NUCLEOTIDES/ MAGNESIUM/ MANGANESE/ *NEUTROPHILS, enzymology/ OSMOLAR CONCENTRATION/ PHAGOCYTOSIS/ PHOSPHOPROTEINS/ PHOSPHORIC ACIDS/ PHOSPHORUS ISOTOPES/ *PHOSPHOTRANSFERASES/ PHOSPHOTRANSFERASES, isolation & purification/ PROTAMINES/ PROTEINS/ SERUM ALBUMIN, BOVINE/ THYMUS GLAND

7966. **Tsushko VS:** K modifikatsii metoda opredeleniia fibrinogena i fibrinoliza po Bidvellu.
Lab Delo 7:416-7, 1972 (Rus)
*FIBRINOGEN, analysis/ *FIBRINOLYSIS/ HUMAN/ METHODS

7967. **Tsyperovich AS, Loseva AL:** Rozdilennia krystalichnoho kompleksu proteaz Streptomyces riseus ta doslidzhennia icho fermentonoho skladu.
Ukr Biokhim Zh 44:559-66, 1972 **(Ukr)**
AMINOPEPTIDASES, analysis/ AMMONIUM SULFATE, analysis/ BIOCHEMISTRY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CRYSTALLIZATION/ CRYSTALLOGRAPHY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ *PEPTIDE HYDROLASES, analysis/ PRONASE, analysis/ *STREPTOMYCES, enzymology/ STREPTOMYCES GRISEUS, enzymology

7968. **Tsyperovich AS, Lysenkov NV, Etinger AS:** Kromatohrafichne doslidzhennia kationnykh ta anionnykh proteaz Streptomyces griseus.
Ukr Biokhim Zh 45:156-60, Mar-Apr 73 **(Ukr)**
BACTERIOLOGICAL TECHNICS/ *CHROMATOGRAPHY, DEAE-CELLULOSE/ COLORIMETRY/ ENGLISH ABSTRACT/ ENZYME TESTS/ ION EXCHANGE/ *PEPTIDE HYDROLASES, analysis/ SPECTROPHOTOMETRY/ *STREPTOMYCES, enzymology/ STREPTOMYCES GRISEUS, enzymology

7969. **Tsyperovich AS, Mishunin IF:** Hidroliz kolahenu shkiy teliaty krystalichnoiu proteazoiu Streptomyces griseus.
Ukr Biokhim Zh 45:151-5, Mar-Apr 73 **(Ukr)**
ANIMAL EXPERIMENTS/ CATTLE/ *CHEMISTRY, PHYSICAL/ CHYMOTRYPSIN, pharmacodynamics/ *COLLAGEN, metabolism/ CRYSTALLIZATION/ ENGLISH ABSTRACT/ ENZYME TESTS/ HYDROLYSIS/ *PEPTIDE HYDROLASES, pharmacodynamics/ SKIN, metabolism/ *STREPTOMYCES, enzymology/ STREPTOMYCES GRISEUS, enzymology/ TRYPSIN, pharmacodynamics

7970. **Tucker JS, Woolf IL, Boyes BE, et al:** Coagulation studies in acute hepatic failure. Gut 14:418, May 73
ACUTE DISEASE/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FIBRIN, metabolism/ *HEMORRHAGIC DIATHESIS, complications/ HUMAN/ *LIVER DISEASES, complications/ PROTHROMBIN TIME

7971. **Tuffanelli DL:** The immunopathology of lupus erythematosus: a comparison of immunohistochemical techniques. I. Immunofluorescence. Adv Biol Skin 11:287-94, 1971
ANTI-ANTIBODIES/ ANTINUCLEAR FACTORS/ BIOPSY/ COMPARATIVE STUDY/ COMPLEMENT/ FIBRINOGEN/ FLUORESCEINS/ *FLUORESCENT ANTIBODY TECHNIC/ GOATS, immunology/ HUMAN/ IGA/ IGG/ IGM/ IMMUNOELECTROPHORESIS/ *LUPUS ERYTHEMATOSUS, DISCOID, immunology/ LUPUS ERYTHEMATOSUS, DISCOID, pathology/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ LUPUS ERYTHEMATOSUS, SYSTEMIC, pathology/ MONKEYS/ RABBITS, immunology/ RATS/ SKIN, immunology/ SKIN, pathology/ STAINS AND STAINING/ THIOCYANATES

7972. **Tuffery AA, Baker RS:** Alterations of mouse embryo cells during in vitro aging.
Exp Cell Res 76:186-90, Jan 73
ANIMAL EXPERIMENTS/ CELL COUNT/ CELL DIVISION/ CELL LINE/ CELLS, CULTURED/ CELLULAR INCLUSIONS/ *EMBRYO, cytology/ ENDOPLASMIC RETICULUM/ EPITHELIAL CELLS/ FIBROBLASTS/ GOLGI APPARATUS/ *MICE, embryology/ MICE, INBRED BALB C, embryology/ MICROSCOPY/ MICROSCOPY, ELECTRON/ MICROTUBULES/ MITOCHONDRIA/ RIBOSOMES/ TIME FACTORS/ *TISSUE CULTURE/ TRYPSIN

7973. **Tullis JL:** Development of plasma derivatives for clinical use. Vox Sang 23:3-9, Jul-Aug 72
ACIDS/ ANTICOAGULANTS/ BLOOD BANKS/ *BLOOD PROTEINS, isolation & purification/ *BLOOD TRANSFUSION/ CITRATES/ FACTOR VIII, isolation & purification/ GAMMA GLOBULIN, isolation & purification/ GLUCOSE/ GONADOTROPINS, therapeutic use/ HUMAN/ IGA, therapeutic use/ IGM, therapeutic use/ INSULIN, therapeutic use/ METALS/ PHOSPHATES/ *PLASMA/ PROTEIN BINDING/ RED CROSS/ RESEARCH SUPPORT/ SERUM ALBUMIN, isolation & purification/ SPECIES SPECIFICITY

7974. **Tulloch BR, Vydelingum N, Lewis B, et al:** Triglyceride metabolism in thyroid disease.
Clin Sci 44:6P passim, Feb 73
HUMAN/ HYPOTHYROIDISM, blood/ HYPOTHYROIDISM, metabolism/ LIPOPROTEIN LIPASE, metabolism/ *THYROID DISEASES, metabolism/ THYROIDITIS, blood/ THYROIDITIS, metabolism/ *TRIGLYCERIDES, metabolism

7975. **Tuma J, Parker L, Braun DC:** The proteolytic enzymes and the prevalence of signs and symptoms in US cotton textile mills. J Occup Med 15:409-13, May 73
*COTTON/ DOSE-RESPONSE RELATIONSHIP, DRUG/ *DUST, analysis/ ENVIRONMENTAL EXPOSURE/ HYDROGEN-ION CONCENTRATION/ OCCUPATIONAL DISEASES, enzymology/ *PEPTIDE HYDROLASES, analysis/ *PNEUMOCONIOSIS, diagnosis/ PNEUMOCONIOSIS, enzymology

7976. **Tümmers H, Weissbach L:** Zur klinischen Differentialdiagnose von Nierentumoren.
Munch Med Wochenschr 115:488-91, 23 Mar 73 (Ger)
ADENOCARCINOMA, diagnosis/ ADULT/ AGE FACTORS/ AGED/ ANTICOAGULANTS, adverse effects/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HEMATURIA, etiology/ HUMAN/ HYPERTENSION, RENAL, etiology/ KIDNEY CALCULI, diagnosis/ KIDNEY, CYSTIC, complications/ KIDNEY NEOPLASMS, complications/ *KIDNEY NEOPLASMS, diagnosis/ KIDNEY NEOPLASMS, radiography/ KIDNEY PELVIS/ MALE/ MIDDLE AGE/ PROSTATIC HYPERTROPHY, diagnosis/ UROGRAPHY

7977. **Tune BM, Leavitt TJ, Gribble TJ:** The hemolytic-uremic syndrome in California: a review of 28 nonheparinized cases with long-term follow-up.
J Pediatr 82:304-10, Feb 73
AGE FACTORS/ *ANEMIA, HEMOLYTIC, ACQUIRED, complications/ BLOOD PLATELET DISORDERS, etiology/ BLOOD PRESSURE/ CHILD/ CHILD, PRESCHOOL/ CREATININE, urine/ EVALUATION STUDIES/ FEMALE/ FOLLOW-UP STUDIES/ GASTROENTERITIS, etiology/ HEMOLYTIC-UREMIC SYNDROME, complications/ HEMOLYTIC-UREMIC SYNDROME, drug therapy/ HEMOLYTIC-UREMIC SYNDROME, mortality/ HEMOLYTIC-UREMIC SYNDROME, therapy/ HEPARIN, therapeutic use/ HUMAN/ INFANT/ KIDNEY FAILURE, CHRONIC, etiology/ MALE/ PERITONEAL DIALYSIS/ PROGNOSIS/ UNITED STATES/ *UREMIA, complications

7978. **Tuomisto J, Männistö P:** Amine uptake and thyrotropin-releasing hormone.
Lancet 1:836, 14 Apr 73
*AMINES, metabolism/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS, metabolism/ DEPRESSION, drug therapy/ RABBITS/ RATS/ SYNAPTOSOMES, metabolism/ *THYROTROPIN RELEASING FACTOR, therapeutic use

7979. **Turazza G, Spreafico PL, Frandoli G:** Comparative investigations on the effect of nicotinic acid alone and in association with a synthetic, heparin-like sulfated polyanion on fibrinolysis, platelet aggregation and lipidic fractions. Arzneim Forsch 23:654-7, May 73
BLOOD COAGULATION, drug effects/ BLOOD PROTEINS, metabolism/ CHOLESTEROL, blood/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ DRUG COMBINATIONS/ FIBRINOLYSIS,

drug effects/ HUMAN/ *HYPERLIPEMIA, drug therapy/ LIPIDS, blood/ LIPOPROTEINS, blood/ NICOTINIC ACID, pharmacodynamics/ *NICOTINIC ACID, therapeutic use/ PLACEBOS/ PLATELET ADHESIVENESS, drug effects/ POLYSACCHARIDES, pharmacodynamics/ *POLYSACCHARIDES, therapeutic use/ THROMBELASTOGRAPHY/ *THROMBOSIS, prevention & control/ TIME FACTORS/ TRIGLYCERIDES, blood

7980. **Turner DL, Holburn RR, Silver MJ, et al:** Anticoagulant activity of glycol analogs of phosphatidylserine.
Lipids 7:680-2, Oct 72
ANTICOAGULANTS/ ANTICOAGULANTS, chem synthesis/ BLOOD COAGULATION, drug effects/ *CEPHALINS/ CEPHALINS, chem synthesis/ CEPHALINS, pharmacodynamics/ CHEMISTRY/ ESTERS/ FORMIC ACIDS/ GLYCOLS/ GLYCOLS, chem synthesis/ GLYCOLS, pharmacodynamics/ OLEIC ACID/ PROPANEDIOLS/ SERINE

7981. **Turner J:** Soft tissue technique in musculoplasty obliteration of mastoidectomy cavities.
Laryngoscope 82:1145-59, Jul 72
CHOLESTEATOMA, etiology/ CICATRIX/ EAR CANAL/ *FASCIA, transplantation/ HEMATOMA, etiology/ HUMAN/ INFECTION, etiology/ *MASTOID, surgery/ *MUSCLES, transplantation/ OTITIS MEDIA, surgery/ PARESTHESIA, etiology/ POSTOPERATIVE COMPLICATIONS/ TRANSPLANTATION, AUTOLOGOUS/ TYMPANIC MEMBRANE, surgery

7982. **Turner MW, Komvopoulos A, Bennich H, et al:** Antigenic and immunological characteristics of tryptic and chymotryptic subfragments from the C 3 homology region of human immunoglobulin G.
Scand J Immunol 1:53-62, 1972
AMINO ACIDS, analysis/ *ANTIGENS, analysis/ AUTOANALYSIS/ CHYMOTRYPSIN, antagonists & inhibitors/ *CHYMOTRYPSIN, pharmacodynamics/ ELECTROPHORESIS, DISK/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ *IGG/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ *IMMUNOGLOBULIN FRAGMENTS/ IMMUNOGLOBULINS, FC/ PEPTIDE CHAIN TERMINATION, drug effects/ PEPTIDES, analysis/ RABBITS, immunology/ *TRYPSIN, pharmacodynamics/ TRYPSIN INHIBITORS

7983. **Turovets IG, Vovk BE, Korvatskii BG, et al:** Fibrinstabiliziruiushchii faktor XIII--fibrinaza i ego znachenie v khirurgicheskom klinike.
Klin Khir 1:50-4, Nov 72 (Rus)
*FACTOR XIII, analysis/ GALLBLADDER DISEASES, blood/ GASTROINTESTINAL DISEASES, blood/ GOITER, EXOPHTHALMIC, blood/ HUMAN/ JAUNDICE, OBSTRUCTIVE, blood/ PANCREATIC DISEASES, blood/ *SURGERY, OPERATIVE

7984. **Turowski G:** Uklad HL-A i jego znaczenie w transfuzjologii.
Przegl Lek 29:823-6, 1972 (39 ref.) (Pol)
ABO FACTORS/ ALLELES/ ANTIBODIES, analysis/ BLOOD GROUPS/ BLOOD PLATELETS, immunology/ *BLOOD TRANSFUSION/ FEMALE/ HISTOCOMPATIBILITY/ *HISTOCOMPATIBILITY ANTIGENS/ HUMAN/ LEUKOCYTES, immunology/ MALE/ PREGNANCY/ REVIEW/ RH FACTORS

7985. **Turowski G, Kolodziej J:** Uzyskiwanie i selekcja surowic antyleukocytarnych anty HL-.
Przegl Lek 29:689-94, 1972 (Pol)
ANEMIA, immunology/ ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGIC DIATHESIS, immunology/ *HISTOCOMPATIBILITY ANTIGENS, analysis/ HUMAN/ *IMMUNE SERUMS/ *LEUKOCYTES, immunology/ PREGNANCY

7986. **Turowski G, Opolska B, Gawrzewski W:** Determination of acid phosphatase in human platelets.
Acta Med Pol 13:325-8, 1972
*ACID PHOSPHATASE, analysis/ *BLOOD PLATELETS, enzymology/ BLOOD PRESERVATION/ ELECTROPHORESIS, STARCH GEL/ HUMAN/ IN VITRO/ PHENOTYPE

7987. **Turpie AG, Chernesky MA, Larke RP, et al:** Effect of Newcastle disease virus on human or rabbit platelets. Aggregation and loss of constituents.
Lab Invest 28:575-83, May 73
ADENINE NUCLEOTIDES, blood/ ADENOSINE DIPHOSPHATE, metabolism/ ADENOSINE MONOPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS/ BLOOD PLATELETS, enzymology/ BLOOD PLATELETS, metabolism/ BLOOD PLATELETS, secretion/ CHROMATOGRAPHY/ CREATINE KINASE, pharmacodynamics/ CYTOPLASMIC GRANULES/ EDTA, pharmacodynamics/ HEMAGGLUTINATION, VIRAL/ HUMAN/ LACTATE DEHYDROGENASE, blood/ METHODS/ *NEWCASTLE DISEASE VIRUS/ PHENYLBUTAZONE, blood/ PHOSPHOCREATINE, pharmacodynamics/ PHOSPHORUS ISOTOPES/ *PLATELET ADHESIVENESS/ PROSTAGLANDINS, pharmacodynamics/ RABBITS/ SEROTONIN/ SULFINPYRAZONE, pharmacodynamics/ SWINE/ THROMBOPENIA, etiology/ TIME FACTORS

7988. **Turpini R, Ascari E, Cipolli PL, et al:** Antifibrinolytic therapy in addiction to replacement treatment: a new approach to hemostasis in hemophilics during synovectomy.
New Istanbul Contrib Clin Sci 10:59-68, Jun 72
*ANTIFIBRINOLYTIC AGENTS, therapeutic use/ BLOOD TRANSFUSION/ *HEMOPHILIA, drug therapy/ *HEMOSTASIS/ HUMAN/ *SYNOVIAL MEMBRANE, surgery

7989. **Tuszkiewicz M, Pieszczyńska E, Tomaszewski J, et al:** Antiorgan antibodies in rabbits fed atherogenic diet.
Arch Immunol Ther Exp (Warsz) 20:485-9, 1972
ABSORPTION/ ANIMAL EXPERIMENTS/ ANTI-ANTIBODIES/ *ANTIBODY FORMATION/ ANTIGEN-ANTIBODY COMPLEX/ AORTA, pathology/ ARTERIOSCLEROSIS, diagnosis/ *AUTOANTIBODIES, analysis/ COMPLEMENT, analysis/ *DIET, ATHEROGENIC/ GOATS, immunology/ IMMUNE SERUMS/ KIDNEY/ LIPIDS, analysis/ MYOCARDIUM/ RABBITS/ SPLEEN

7990. **Tweto J, Dehlinger P, Larrabee AR:** Relative turnover rates of subunits of rat liver fatty acid synthetase.
Biochem Biophys Res Commun 48:1371-7, 26 Sep 72
ANIMAL EXPERIMENTS/ ARGININE, analysis/ ARGININE, metabolism/ CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *FATTY ACID SYNTHETASE COMPLEX/ HYDROLYSIS/ KINETICS/ LEUCINE, metabolism/ LIVER, enzymology/ *LIVER, enzymology/ PANTOTHENIC ACID, metabolism/ PEPTIDES, isolation & purification/ PEPTIDES, metabolism/ RATS/ SODIUM DODECYL SULFATE/ SUCROSE/ TRITIUM/ TRYPSIN

7991. **Twombly GH:** Hemorrhage in gynecologic surgery.
Clin Obstet Gynecol 16:135-61, Jun 73
AORTA, ABDOMINAL, anatomy & histology/ BLOOD TRANSFUSION/ CARCINOMA IN SITU, surgery/ CERVIX NEOPLASMS, surgery/ CERVIX UTERI, surgery/ FEMALE/ *GENITALIA, FEMALE, surgery/ HEMATOMA, etiology/ HEMORRHAGE, etiology/ *HEMORRHAGE, prevention & control/ HEMORRHAGE, POSTPARTUM, surgery/ HUMAN/ HYSTERECTOMY/ ILIAC ARTERY, anatomy & histology/ ILIAC VEIN, anatomy & histology/ LIGATION/ METHODS/ PELVIC EXENTERATION/ PELVIS, blood supply/ *PELVIS, surgery/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PREGNANCY/ *SUTURE TECHNICS/

UTERINE HEMORRHAGE, surgery/ VAGINA, surgery/ VASCULAR SURGERY/ VENA CAVA, INFERIOR, anatomy & histology

7992. **Tygstrup N:** The prognostic value of laboratory tests in liver disease.
Scand J Gastroenterol [Suppl] 19:47-50, 1973
ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ GAMMA GLOBULIN, analysis/ HUMAN/ *LIVER CIRRHOSIS, diagnosis/ LIVER CIRRHOSIS, enzymology/ LIVER CIRRHOSIS, metabolism/ LIVER CIRRHOSIS, mortality/ LIVER CIRRHOSIS, pathology/ LIVER FUNCTION TESTS/ PROGNOSIS/ PROTHROMBIN TIME/ SERUM ALBUMIN, analysis

7993. **Tyler HM:** Tissue transamidases, fibrin stabilization and clot lysis.
Ann NY Acad Sci 202:273-85, 8 Dec 72 (39 ref.)
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ CADAVERINE/ CALCIUM/ CHLORMERODRIN, pharmacodynamics/ CHLOROMERCURIBENZOATES/ DANSYL COMPOUNDS/ DIALYSIS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FACTOR XIII/ *FIBRIN/ FIBRINOGEN/ *FIBRINOLYSIS/ FIBRINOLYSIS, drug effects/ FIBRINOLYTIC AGENTS/ GLUTAMINE/ HEAT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LIVER, enzymology/ REVIEW/ SOLUBILITY/ SPECIES SPECIFICITY/ STREPTOKINASE/ SUBCELLULAR FRACTIONS, enzymology/ THROMBIN/ *TRANSFERASES

7994. **Tymiński W:** O nadkrzepliwości krwi (próba klasyfikacji stanów przedzakrzepowych.
Wiad Lek 26:423-6, 1 Mar 73 (11 ref.) (Pol)
*BLOOD COAGULATION DISORDERS, classification/ BLOOD COAGULATION DISORDERS, enzymology/ BLOOD COAGULATION DISORDERS, physiopathology/ EMBOLISM, classification/ FACTOR VIII/ FACTOR XII/ HUMAN/ REVIEW/ THROMBELASTOGRAPHY/ THROMBOSIS, classification/ TIME FACTORS

7995. **Tymiński W, Częstochowska E:** Przypadek skazy krwotocznej spowodowanej zaburzeniami w pierwszej fazie krzepnięcia krwi.
Acta Haematol Pol 3:265-9, Jul-Sep 72 (Pol)
ADULT/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ *FACTOR XI DEFICIENCY, complications/ FACTOR XI DEFICIENCY, diagnosis/ *HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ MALE/ METHODS/ THROMBELASTOGRAPHY/ TIME FACTORS

7996. **Tyson GE, Bulger RE:** Effect of vinblastine sulfate on the fine structure of cells of the rat renal corpuscle.
Am J Anat 135:319-43, Nov 72
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, drug effects/ EPITHELIAL CELLS, drug effects/ FEMALE/ FIBROBLASTS, drug effects/ JUXTAGLOMERULAR APPARATUS, cytology/ JUXTAGLOMERULAR APPARATUS, drug effects/ *KIDNEY, cytology/ KIDNEY, drug effects/ KIDNEY GLOMERULUS, cytology/ KIDNEY GLOMERULUS, drug effects/ KIDNEY TUBULES, cytology/ KIDNEY TUBULES, drug effects/ LEUKOCYTES, drug effects/ MICROSCOPY, ELECTRON/ *MICROTUBULES, drug effects/ RATS/ SULFATES, pharmacodynamics/ *VINBLASTINE, pharmacodynamics

U

7997. **Uchida T, Pappenheimer AM Jr, Harper AA:** Diphtheria toxin and related proteins. 3. Reconstitution of hybrid "diphtheria toxin" from nontoxic mutant proteins.
J Biol Chem 248:3851-4, 10 Jun 73
ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ *BACTERIAL PROTEINS/ BACTERIAL PROTEINS, toxicity/ BIOLOGICAL ASSAY/ CHEMISTRY/ CORYNEBACTERIUM DIPHTHERIAE/ CROSS REACTIONS/ DIALYSIS/ DIPHTHERIA ANTITOXIN/ *DIPHTHERIA TOXIN/ DIPHTHERIA TOXIN, toxicity/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FLOCCULATION TESTS/ GUINEA PIGS/ HYBRIDIZATION/ IODINE ISOTOPES/ SODIUM DODECYL SULFATE/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TOXINS, isolation & purification/ TRYPSIN

7998. **Ueda E, Kokubu T, Akutsu H, et al:** Angiotensin I converting enzyme and kininase.
Jap Circ J 36:583-6, Jun 72
ANGIOTENSIN/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ *CARBOXYPEPTIDASES/ CHROMATOGRAPHY/ ELECTROPHORESIS/ FEMALE/ GEL FILTRATION/ KININS/ LUNG, enzymology/ *PEPTIDE PEPTIDOHYDROLASES, blood/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ RABBITS/ RATS/ UTERUS

7999. **Ueno A, Nicastri AD, Friedman EA:** Hyperacute renal allograft rejection in the rabbit. Passive transfer, specificity, and prevention.
Transplantation 14:574-81, Nov 72
ANIMAL EXPERIMENTS/ ANTIBODIES/ BASEMENT MEMBRANE, immunology/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ *GRAFT REJECTION/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ IMMUNE SERUMS, administration & dosage/ IMMUNIZATION/ INJECTIONS, INTRA-ARTERIAL/ INJECTIONS, INTRAVENOUS/ *KIDNEY, transplantation/ KIDNEY CORTEX NECROSIS, pathology/ KIDNEY FAILURE, ACUTE, pathology/ KIDNEY GLOMERULUS, immunology/ KIDNEY TUBULES, pathology/ PAPAVERINE, administration & dosage/ PAPAVERINE, therapeutic use/ PASSIVE TRANSFER/ RABBITS/ RENAL ARTERY/ SKIN, transplantation/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS

8000. **Ugolev AM:** Membrane digestion and peptide transport. Ciba Found Symp 123-43, 1971
AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, ACTIVE/ CELL MEMBRANE, enzymology/ *CELL MEMBRANE, metabolism/ CELL MEMBRANE PERMEABILITY/ *DIETARY PROTEINS, metabolism/ DIFFUSION/ HUMAN/ HYDROLYSIS/ INTESTINAL ABSORPTION/ INTESTINAL MUCOSA, enzymology/ *INTESTINAL MUCOSA, metabolism/ INTESTINE, SMALL, enzymology/ *INTESTINE, SMALL, metabolism/ MODELS, BIOLOGICAL/ PEPTIDE HYDROLASES, metabolism/ *PEPTIDES, metabolism

8001. **Uhlenbruck G, Herrmann WP:** Agglutination of normal, coated and enzyme-treated human spermatozoa with heterophile agglutinins. Vox Sang 23:444-51, 1972
ABO FACTORS/ *AGGLUTINATION/ *AGGLUTININS/ *ANTIBODIES, HETEROTYPIC/ GANGLIOSIDES/ GLYCOLIPIDS, pharmacodynamics/ GLYCOPROTEINS, pharmacodynamics/ HUMAN/ LIPOPOLYSACCHARIDES, pharmacodynamics/ MALE/ NEURAMINIDASE, pharmacodynamics/ *PLANT AGGLUTININS/ POLYSACCHARIDES, BACTERIAL/ SEMEN, immunology/ SNAILS/ SPERMATOZOA, drug effects/ *SPERMATOZOA, immunology/ TRYPSIN, pharmacodynamics

8002. **Uhlenbruck G, Steinhausen G:** Further evidence for the multispecificity of snail agglutinins: investigations on the Pomacea urceus protectin. Blut 25:335-7, Nov 72
*AGGLUTININS, analysis/ ANIMAL EXPERIMENTS/ HEMAGGLUTINATION INHIBITION TESTS/ MITOGENS/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PRONASE, antagonists & inhibitors/ *SNAILS/ SPECIES SPECIFICITY/ TRYPSIN INHIBITORS

AUTHOR SECTION

8003. **Uhlenbruck G, Wetzel K, Santa Maria F, et al:** Aspergillus ochraceus Protease: Ein weiteres Enzym zum Nachweis inkompletter Erythrozytenantikörper.
Acta Biol Med Ger 29:185-8, 1972 (Ger)
AGGLUTINATION TESTS/ *ANTIBODIES, analysis/ BLOOD GROUPS/ CATTLE/ CHICKENS/ ENGLISH ABSTRACT/ ERYTHROCYTES, drug effects/ *ERYTHROCYTES, immunology/ HUMAN/ *PEPTIDE HYDROLASES, pharmacodynamics/ SERINE

8004. **Uhrík J, Stépánek I:** Niektoré aspekty a možnosti súčasnej trombolytickej liečby.
Cesk Dermatol 47:198-203, Oct 72 (Slo)
ENGLISH ABSTRACT/ FIBRINOLYSIS, drug effects/ HEPARIN, therapeutic use/ HUMAN/ STREPTOKINASE, pharmacodynamics/ STREPTOKINASE, therapeutic use/ *THROMBOSIS, drug therapy

8005. **Ui N:** Conformational studies on proteins by isoelectric focusing. Ann NY Acad Sci 209:198-209, 15 Jun 73
CATTLE/ CHYMOTRYPSIN/ CONCANAVALIN A/ HEMOGLOBIN/ HUMAN/ INSULIN/ ISOELECTRIC FOCUSING/ MATHEMATICS/ PANCREAS, enzymology/ PLANTS/ PROTEIN BINDING/ PROTEIN CONFORMATION/ *PROTEINS/ RIBONUCLEASE/ SERUM ALBUMIN/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TOSYL COMPOUNDS/ UREA

8006. **Ukita M:** [Platelet aggregation and cyclic AMP]
Jap J Clin Pathol 20:805-9, Nov 72 (7 ref.) (Jap)
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, metabolism/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, pharmacodynamics/ *ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, physiology/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, drug effects/ EPINEPHRINE, pharmacodynamics/ KAOLIN, pharmacodynamics/ *PLATELET ADHESIVENESS, drug effects/ PROSTAGLANDINS, pharmacodynamics/ REVIEW/ THEOPHYLLINE, pharmacodynamics

8007. **Uluitu M, Petec G, Chiş R:** Investigations concerning the sodium state in blood serum.
Rev Roum Physiol 10:197-204, 1973
ANIMAL EXPERIMENTS/ BLOOD PROTEINS, analysis/ HEPARIN, pharmacodynamics/ METHODS/ PROTEIN BINDING/ RATS/ SEROTONIN, pharmacodynamics/ SODIUM, analysis/ *SODIUM, blood

8008. **Uluitu M, Petec G, Chiş R:** A method for the estimation of sodium physicochemical state in the biological fluids. Rev Roum Physiol 10:183-95, 1973
*BODY FLUIDS, analysis/ DIALYSIS/ HEPARIN, pharmacodynamics/ MATHEMATICS/ MEMBRANES, ARTIFICIAL/ METHODS/ SEROTONIN, pharmacodynamics/ *SODIUM, analysis

8009. **Ulutin ON:** Qualitative platelet disorders: classification and pathogenesis.
Ann NY Acad Sci 201:174-93, 27 Oct 72
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ASPIRIN, pharmacodynamics/ BLOOD CELL COUNT/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ *BLOOD PLATELET DISORDERS, classification/ BLOOD PLATELET DISORDERS, familial & genetic/ BLOOD PLATELETS/ CLOT RETRACTION/ COLLAGEN/ EPINEPHRINE, pharmacodynamics/ HUMAN/ MICROSCOPY, ELECTRON/ PLATELET ADHESIVENESS/ PROTHROMBIN, metabolism/ THROMBIN, biosynthesis

8010. **Ulutin ON:** The thrombopathic syndrome.
Rev Bras Pesqui Med Biol 6:83-91, Jan-Apr 73
ALBINISM, blood/ ALDRICH SYNDROME, blood/ *BLOOD PLATELET DISORDERS, classification/ EHLERS-DANLOS SYNDROME, blood/ EOSINOPHILIA, classification/ HUMAN/ OSTEOGENESIS IMPERFECTA, blood/ THROMBOPENIA, classification

8011. **Ulutin SB:** A study on the role of the liver in the homeostatic regulation of the fibrinolytic system using hepatic vein catheterization.
J Clin Pathol 25:619-20, Jul 72
CATHETERIZATION/ FIBRINOLYSIN, antagonists & inhibitors/ *FIBRINOLYSIS/ HEPATIC VEINS/ *HOMEOSTASIS/ HUMAN/ *LIVER, physiology/ SERUM GLOBULINS

8012. **Umanskii MA, Berlint VM:** Sposob uskorennogo opredeleniia aktivnosti XIII faktora svertyvaiushchei sistemy krovi. Lab Delo 11:663-5, 1972 (Rus)
*FACTOR XIII, analysis/ HUMAN/ METHODS/ TIME FACTORS

8013. **Umanskiĭ MA, Vol'skiĭ GV, Kaminskiĭ IA, et al:** Primenenie syvorotochnogo al'bumina v kompleksnom lechenii travmaticheskogo shoka na étape skoroĭ pomoshchi.
Vestn Khir 110:97-101, Apr 73 (Rus)
ADOLESCENCE/ ADULT/ BLOOD PROTEINS, analysis/ BLOOD VISCOSITY/ ENGLISH ABSTRACT/ FEMALE/ *FIRST AID/ HEMATOCRIT/ HUMAN/ MALE/ MIDDLE AGE/ *SERUM ALBUMIN, therapeutic use/ *SHOCK, TRAUMATIC, therapy

8014. **Umezawa H:** Chemistry of enzyme inhibitors of microbial origin.
Pure Appl Chem 33:129-44, 1973 (32 ref.)
*ANTIBIOTICS/ CHEMISTRY/ CHYMOTRYPSIN, antagonists & inhibitors/ CULTURE MEDIA/ DOPAMINE BETA HYDROXYLASE, antagonists & inhibitors/ *ENZYMES, antagonists & inhibitors/ NEURAMINIDASE, antagonists & inhibitors/ *OLIGOPEPTIDES/ PAPAIN/ PEPSIN, antagonists & inhibitors/ REVIEW/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN INHIBITORS/ TYROSINE HYDROXYLASE, antagonists & inhibitors

8015. **Umiel N, Plaut W:** Interaction of poly-L-lysine with chromatin. Inhibition of in situ RNA synthesis mediated by Escherichia coli RNA polymerase.
J Cell Biol 56:139-44, Jan 73
ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ BLOOD CELLS, drug effects/ BLOOD PLATELETS, drug effects/ CATTLE/ CELL NUCLEUS, drug effects/ CHICKENS/ *CHROMATIN, drug effects/ CHROMOSOMES, drug effects/ DEOXYRIBONUCLEASE, pharmacodynamics/ DROSOPHILA MELANOGASTER, drug effects/ ERYTHROCYTES, drug effects/ ESCHERICHIA COLI, enzymology/ LYMPHOCYTES, drug effects/ *LYSINE, pharmacodynamics/ PANCREAS, enzymology/ *PEPTIDES, pharmacodynamics/ RIBONUCLEASE, pharmacodynamics/ *RNA, biosynthesis/ *RNA POLYMERASE, antagonists & inhibitors/ SALIVARY GLANDS, drug effects/ STAINS AND STAINING/ TRITIUM

8016. **Undevia JV, Blake NM, Kirk RL, et al:** The distribution of some enzyme group systems among Parsis and Iranis in Bombay. Hum Hered 22:275-82, 1972
ACID PHOSPHATASE, blood/ ADENOSINE/ CAUCASIAN RACE/ ELECTROPHORESIS, STARCH GEL/ *ERYTHROCYTES, enzymology/ GENE FREQUENCY/ *GENETICS, POPULATION/ HUMAN/ INDIA/ IRAN/ LACTATE DEHYDROGENASE, blood/ MALATE DEHYDROGENASE, blood/ OXIDOREDUCTASES, blood/ PEPTIDE HYDROLASES, blood/ PHOSPHOGLUCOMUTASE, blood/ PHOSPHOGLUCONATE DEHYDROGENASE, blood/ PHOSPHOTRANSFERASES, blood

8017. **Ungar G, Galvan L, Chapouthier G:** Evidence for chemical coding of color discrimination in goldfish brain. Experientia 28:1026-7, 15 Sep 72
ANIMAL EXPERIMENTS/ AVOIDANCE LEARNING/ *BRAIN CHEMISTRY/ CHYMOTRYPSIN, pharmacodynamics/ COLOR/ CYPRINIDAE/ *DISCRIMINATION LEARNING/

MEMORY/ PEPTIDES/ RNA/ TISSUE EXTRACTS/ TRYPSIN, pharmacodynamics

8018. **Unkeless JC, Tobia A, Ossowski L, et al:** An enzymatic function associated with transformation of fibroblasts by oncogenic viruses. I. Chick embryo fibroblast cultures transformed by avian RNA tumor viruses.
J Exp Med 137:85-111, 1 Jan 73
ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ CELL-FREE SYSTEM/ *CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED/ CHICK EMBRYO/ FIBRINOGEN, metabolism/ *FIBRINOLYSIS/ FIBROBLASTS, enzymology/ IODINE ISOTOPES/ MICE/ MUTATION/ *ROUS SARCOMA VIRUS/ TEMPERATURE/ TIME FACTORS

8019. **Urbaniak JR, O'Neil MT, Meyer LC:** Purpura fulminans.
J Bone Joint Surg [Am] 55:69-77, Jan 73
AMPUTATION/ ARTHUS PHENOMENON/ BLOOD COAGULATION DISORDERS, complications/ CHICKENPOX, complications/ CHILD/ CHILD, PRESCHOOL/ DEBRIDEMENT/ EXANTHEMA, complications/ *EXTREMITIES/ FASCIA, surgery/ FEMALE/ *GANGRENE, etiology/ GANGRENE, surgery/ GASTROENTERITIS, complications/ HEPARIN, therapeutic use/ HUMAN/ INFANT/ MALE/ *PURPURA, complications/ PURPURA, etiology/ SCARLET FEVER, complications/ SHWARTZMAN PHENOMENON/ STREPTOCOCCAL INFECTIONS, complications/ VIRUS DISEASES, complications

8020. **Urbanowicz W:** Naczyniaki sromu u dziewczynek.
Ginekol Pol 44:687-91, Jun 73 (Pol)
AGE FACTORS/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ *HEMANGIOMA, surgery/ HUMAN/ INFANT/ TIME FACTORS/ *VULVAR NEOPLASMS, surgery

8021. **Uren JR, Neurath H:** Mechanism of activation of bovine procarboxypeptidase A S 5 . Alterations in primary and quaternary structure.
Biochemistry 11:4483-92, 21 Nov 72
AMINO ACIDS, analysis/ BINDING SITES/ CALCIUM/ CARBON ISOTOPES/ *CARBOXYPEPTIDASES/ CARBOXYPEPTIDASES, analysis/ CARBOXYPEPTIDASES, antagonists & inhibitors/ CARBOXYPEPTIDASES, isolation & purification/ CATTLE/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHYMOTRYPSIN/ ELECTROPHORESIS/ ELECTROPHORESIS, DISK/ ENZYME ACTIVATION/ ENZYME PRECURSORS/ GEL FILTRATION/ ISOFLUROPHATE/ KINETICS/ MACROMOLECULAR SYSTEMS/ MODELS, CHEMICAL/ MOLECULAR WEIGHT/ *PANCREAS, enzymology/ SODIUM DODECYL SULFATE/ SPECTROPHOTOMETRY, ULTRAVIOLET/ THIOCYANATES/ TRYPSIN/ ULTRACENTRIFUGATION

8022. **Urist MR:** Osteoinduction in undemineralized bone implants modified by chemical inhibitors of endogenous matrix enzymes. A preliminary report.
Clin Orthop 87:132-7, Sep 72
ABDOMINAL WALL, surgery/ ANIMAL EXPERIMENTS/ *BONE AND BONES, transplantation/ *BONE MATRIX, enzymology/ DOGS/ GUINEA PIGS/ *IODOACETATES, pharmacodynamics/ *MINERALS/ OSTEOBLASTS/ OSTEOCYTES/ *OSTEOGENESIS/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ RATS/ TRANSPLANTATION, HOMOLOGOUS

8023. **Urist MR, Iwata H:** Preservation and biodegradation of the morphogenetic property of bone matrix.
J Theor Biol 38:155-67, Jan 73
ANIMAL EXPERIMENTS/ AUTOLYSIS/ BIOLOGICAL ASSAY/ *BONE MATRIX/ BONE MATRIX, enzymology/ BONE MATRIX, metabolism/ BONE MATRIX, radiography/ EDTA/ HYDROGEN-ION CONCENTRATION/ HYDROXYPROLINE/ IN VITRO/ IODOACETATES/ MICROSCOPY, ELECTRON/ *MORPHOGENESIS/ PEPTIDE HYDROLASES/ *PRESERVATION, BIOLOGICAL/ RATS/ TEMPERATURE/ TRYPTOPHAN, metabolism

8024. **Usachev IS:** Angiokhondrofibroma verkhnecheliustnoi pazukhi.
Zh Ushn Nos Gorl Bolezn 32:100-1, Mar-Apr 72 (Rus)
ADULT/ ANGIOMA, SCLEROSING, diagnosis/ *ANGIOMA, SCLEROSING, pathology/ CASE REPORT/ CHONDROMA, diagnosis/ *CHONDROMA, pathology/ HUMAN/ MALE/ *MAXILLARY SINUS/ PARANASAL SINUS NEOPLASMS, diagnosis/ *PARANASAL SINUS NEOPLASMS, pathology

8025. **Ushakov NA:** Patogeneticheskaia terapiia khimicheskikh ozhogov glaz.
Voen Med Zh 7:30-2, Jul 72 (Rus)
*ACETYLCHOLINE, administration & dosage/ *AMINO ACIDS, administration & dosage/ ANIMAL EXPERIMENTS/ *ANTIBIOTICS, administration & dosage/ *BURNS, CHEMICAL, drug therapy/ *EYE BURNS, drug therapy/ *HEPARIN, administration & dosage/ RABBITS/ *VITAMINS, administration & dosage

8026. **Usmanov RA, Kochetov GA:** Struktura belka i opticheskaia aktivnost.
Usp Sovrem Biol 75:6-25, Jan-Feb 73 (77 ref.) (Rus)
CARBOXYPEPTIDASES/ CHYMOTRYPSIN/ CHYMOTRYPSINOGEN/ CIRCULAR DICHROISM/ *ENZYMES/ GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE/ MURAMIDASE/ MYOGLOBIN/ NAD/ OPTICAL ROTATION/ OPTICAL ROTATORY DISPERSION/ PEPTIDES/ PROTEIN CONFORMATION/ *PROTEINS/ REVIEW/ RIBONUCLEASE/ TRANSKETOLASE

8027. **Uszyńska-Folejewska B, Uszyński M, Soszka T:** Test protaminowy i test etanolowy w ciąży i połogu.
Ginekol Pol 44:135-9, Feb 73 (Pol)
*ALCOHOL, ETHYL/ *BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ METHODS/ *PREGNANCY/ *PROTAMINES/ *PUERPERIUM/ SULFATES

8028. **Uszyński L:** Oznaczanie inhibitora PIVKA w różnicowaniu żółtaczek.
Pol Arch Med Wewn 50:681-5, Jul 73 (Pol)
*ANTICOAGULANTS/ *ANTITHROMBIN/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HUMAN/ JAUNDICE, blood/ *JAUNDICE, diagnosis/ JAUNDICE, OBSTRUCTIVE, diagnosis/ *VITAMIN K DEFICIENCY, blood

8029. **Uszyński L:** Rozsiane krzepnięcie wewnątrznaczyniowe w chorobach krwi.
Acta Haematol Pol 2:253-7, Jul-Sep 71 (44 ref.) (Pol)
ACUTE DISEASE/ ANEMIA, HEMOLYTIC, drug therapy/ BLOOD GROUP INCOMPATIBILITY/ BLOOD TRANSFUSION/ CHRONIC DISEASE/ DEXTRAN, therapeutic use/ *DISSEMINATED INTRAVASCULAR COAGULATION/ FIBRINOGEN, metabolism/ *HEMATOLOGIC DISEASES, blood/ HEMOGLOBINURIA, PAROXYSMAL/ HEMOLYTIC-UREMIC SYNDROME/ HEPARIN, therapeutic use/ HUMAN/ LEUKEMIA/ PURPURA, THROMBOPENIC/ REVIEW/ SHWARTZMAN PHENOMENON/ SKIN NEOPLASMS

8030. **Uszyński L:** Formy genetyczne hemofilii B: dwie rodziny Polskie z hemofilią B.
Acta Haematol Pol 2:115-20, Apr-Jun 71 (Pol)
ANTIGENS/ CATTLE, immunology/ CHRISTMAS DISEASE, blood/ CHRISTMAS DISEASE, diagnosis/ *CHRISTMAS DISEASE, familial & genetic/ CHRISTMAS DISEASE, immunology/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HUMAN/ PROTHROMBIN TIME/ RABBITS, immunology

8031. **Uszyński L:** Formy genetyczne hemofilii.
Acta Haematol Pol 3:141-5, Apr-Jun 72 (Pol)

ANTIGENS/ ENGLISH ABSTRACT/ FACTOR VIII/ *HEMOPHILIA, familial & genetic/ HEMOPHILIA, immunology/ HUMAN/ NEUTRALIZATION TESTS

8032. **Uszyński L:** Badania nad mechanizmem działania doustnych antykoagulantów.
Acta Haematol Pol 3:133-9, Apr-Jun 72 (Pol)
ACENOCOUMAROL, therapeutic use/ ADMINISTRATION, ORAL/ ADSORPTION/ ANTICOAGULANTS, administration & dosage/ *ANTICOAGULANTS, pharmacodynamics/ BARIUM SULFATE/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION DISORDERS, drug therapy/ CITRATES/ ENGLISH ABSTRACT/ FACTOR VII/ FACTOR IX/ FACTOR X/ GLYCOPROTEINS/ HUMAN/ LIVER, metabolism/ PROTHROMBIN TIME/ SODIUM/ VITAMIN K DEFICIENCY, metabolism

8033. **Uszyński L:** Kinetyka reakcji między czynnikami krzepnięcia krwi.
Acta Haematol Pol 3:207-12, Apr-Jun 72 (Pol)
*BLOOD COAGULATION FACTORS/ ENZYMES, blood/ FACTOR V/ FACTOR VII/ FACTOR VIII/ FACTOR IX/ FACTOR X/ HUMAN/ KINETICS/ MATHEMATICS/ PHOSPHOLIPIDS, metabolism/ PROTHROMBIN, metabolism/ THROMBIN, metabolism/ TIME FACTORS

8034. **Uszyński L, Poszwiński P:** Preparatyka koncentratu czynnika IX przy użyciu deae celulozy oraz wyniki lecznicze.
Acta Haematol Pol 2:109-14, Apr-Jun 71 (Pol)
ADSORPTION/ CATTLE/ CELLULOSE/ CHRISTMAS DISEASE, drug therapy/ ENGLISH ABSTRACT/ *FACTOR IX/ FACTOR IX, isolation & purification/ FACTOR IX, therapeutic use/ FACTOR X/ HUMAN/ PROTHROMBIN/ RABBITS/ THROMBOPLASTIN

8035. **Uszyński M, Uszyńska-Folejewska R:** Urokinase inhibitor in human placenta. A thromboelastographic evaluation. Mater Med Pol 3:15-9, Oct-Dec 71
FEMALE/ FETAL DEATH, complications/ FIBRINOGEN, metabolism/ FIBRINOLYSIS/ *FIBRINOLYTIC AGENTS, antagonists & inhibitors/ HEMORRHAGE, POSTPARTUM, etiology/ HEMOSTASIS/ HUMAN/ LABOR COMPLICATIONS, complications/ METHODS/ *PLACENTA, enzymology/ PLACENTA DISORDERS, complications/ PREGNANCY/ STREPTOKINASE, antagonists & inhibitors/ THROMBELASTOGRAPHY/ TISSUE EXTRACTS

8036. **Uteg KH, Sander W:** Untersuchngen an Kryopräzipitaten. 1. Verteilung des antihämophilen Globulins A (Faktor VIII) und den Thrombozyten bei der Kryopräzipitation.
Folia Haematol (Leipz) 97:322-31, 1972 (Ger)
*BLOOD PLATELETS/ COLD/ ENGLISH ABSTRACT/ *FACTOR VIII, isolation & purification/ HUMAN/ PRECIPITATION

8037. **Uthman AA, Perriman AO:** Oral manifestations of hematological disorders. Report of four cases.
NY State Dent J 39:27-8, Jan 73
ADOLESCENCE/ AGED/ *ANEMIA, APLASTIC, complications/ CHILD/ FEMALE/ HUMAN/ *LEUKEMIA, MONOCYTIC, complications/ *LEUKEMIA, MYELOCYTIC, complications/ MALE/ *ORAL MANIFESTATIONS/ *PURPURA, THROMBOPENIC, complications

8038. **Utsumi K, Oda T:** Relation between ANS fluorescence and energy states of mitochondria.
Acta Med Okayama 25:179-87, Jun 71
ADENOSINE TRIPHOSPHATE, metabolism/ AEROBIOSIS/ ANAEROBIOSIS/ ANILINE COMPOUNDS, metabolism/ ANIMAL EXPERIMENTS/ BINDING SITES/ BISHYDROXYCOUMARIN, pharmacodynamics/ CATTLE/ *FLUORESCENCE/ MEMBRANES/ MITOCHONDRIA, LIVER, drug effects/ *MITOCHONDRIA, LIVER, metabolism/ MITOCHONDRIAL SWELLING/ *NAPHTHALENES, metabolism/ OXYGEN CONSUMPTION/ POLAROGRAPHY/ RATS/ SCATTERING/ SUCCINATES, pharmacodynamics/ *SULFONIC ACIDS, metabolism/ SURFACE-ACTIVE AGENTS, pharmacodynamics/ TYROTHRICIN, pharmacodynamics

8039. **Utterback TD, Rohren DW:** Knee disarticulation as an amputation level. J Trauma 13:116-20, Feb 73
*AMPUTATION/ *ARTIFICIAL LIMBS/ CALLUS/ *DISARTICULATION/ DRAINAGE/ FEMUR, surgery/ HEMATOMA, etiology/ HUMAN/ *KNEE, surgery/ *KNEE JOINT/ MALE/ METHODS/ MOVEMENT/ MUSCULAR ATROPHY/ POSTOPERATIVE COMPLICATIONS/ PROPRIOCEPTION/ PROSTHESIS DESIGN/ SUTURE TECHNICS/ WOUND HEALING

8040. **Utting JA, Shreeve DR:** Haemolytic-uraemic syndrome in an adult with pericarditis and pleurisy.
Br Med J 2:591, 9 Jun 73
ADULT/ ALOPECIA, chemically induced/ *ANEMIA, HEMOLYTIC, ACQUIRED, complications/ ASPIRIN, therapeutic use/ DIPYRIDAMOLE, adverse effects/ DIPYRIDAMOLE, therapeutic use/ FEMALE/ HEMODIALYSIS/ HEMOLYTIC-UREMIC SYNDROME, complications/ HEMOLYTIC-UREMIC SYNDROME, drug therapy/ HEPARIN, therapeutic use/ HUMAN/ PERICARDITIS, drug therapy/ *PERICARDITIS, etiology/ PLATELET ADHESIVENESS, drug effects/ PLEURISY, drug therapy/ *PLEURISY, etiology/ STREPTOKINASE, therapeutic use/ *UREMIA, complications

8041. **Uttley W:** Urinary FDP in children with renal disease.
Arch Dis Child 48:326, Apr 73
*FIBRIN, urine/ GLOMERULONEPHRITIS, urine/ HEMOLYTIC-UREMIC SYNDROME, urine/ *KIDNEY DISEASES, urine/ NEPHROSIS, urine/ PURPURA, urine/ URINARY TRACT INFECTIONS, urine

8042. **Uyeda K, Nakayasu K, Takaishi Y, et al:** Kaposi sarcoma-like granuloma on diaper dermatitis. A report of five cases. Arch Dermatol 107:605-7, Apr 73
DIAGNOSIS, DIFFERENTIAL/ *DIAPER RASH, complications/ DIAPER RASH, drug therapy/ FEMALE/ GLUCOCORTICOIDS, TOPICAL, therapeutic use/ GRANULOMA, complications/ *GRANULOMA, diagnosis/ GRANULOMA, drug therapy/ HUMAN/ INFANT/ MALE/ MONILIASIS, complications/ MONILIASIS, drug therapy/ PHYTONADIONE, therapeutic use/ *SARCOMA, KAPOSI'S, diagnosis/ SKIN DISEASES, complications/ *SKIN DISEASES, diagnosis/ SKIN DISEASES, drug therapy/ *SKIN NEOPLASMS, diagnosis/ TRICHOMYCIN, therapeutic use

8043. **Uzzan D, Gilbert J, Chebat J, et al:** Les hèmangiopèricytomes pulmonaires (à propos de trois observations.
Rev Tuberc Pneumol (Paris) 36:599-606, Jun 72 (Fre)
AGED/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HEMANGIOENDOTHELIOMA, diagnosis/ *HEMANGIOPERICYTOMA/ HEMANGIOPERICYTOMA, diagnosis/ HISTIOCYTOMA, diagnosis/ HUMAN/ *LUNG NEOPLASMS/ LUNG NEOPLASMS, diagnosis/ MIDDLE AGE/ NEOPLASM METASTASIS/ PROGNOSIS

V

8044. **Vachon F, Carbon C, Beaufils P, et al:** L'insuffisance rénale aiguë du paludisme pernicieux.
Nouv Presse Med 2:1035-9, Apr 73 (Fre)
ADULT/ DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ ENGLISH ABSTRACT/ FEMALE/ HEMOGLOBINURIA/ HEMOLYSIS/ HUMAN/ KIDNEY, blood supply/ *KIDNEY FAILURE, ACUTE, etiology/ KIDNEY FAILURE, ACUTE,

occurrence/ KIDNEY FAILURE, ACUTE, physiopathology/ *MALARIA, complications/ MALARIA, prevention & control/ MALE/ MICROCIRCULATION/ MIDDLE AGE/ NEUROLOGIC MANIFESTATIONS/ NITROGEN, blood/ *PLASMODIUM FALCIPARUM/ SHOCK, CARDIOGENIC

8045. Vachtenheim J: Pokus o intra-artikulární léčbu pokročilé osteoartrózy Trasylolem.
Fysiatr Reumatol Vestn 50:242-6, Oct 72 (Cze)
AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INJECTIONS, INTRA-ARTICULAR/ *KALLIKREIN-TRYPSIN INACTIVATOR, administration & dosage/ MALE/ METHODS/ MIDDLE AGE/ *OSTEOARTHRITIS, drug therapy

8046. Vacquier VD, Tegner MJ, Epel D: Protease activity establishes the block against polyspermy in sea urchin eggs. Nature 240:352-3, 8 Dec 72
FERTILIZATION/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *SEA URCHINS/ *SPERMATOZOA, drug effects/ *TRYPSIN INHIBITORS, pharmacodynamics/ VITELLINE MEMBRANE, drug effects

8047. Vaes G: The release of collagenase as an inactive proenzyme by bone explants in culture.
Biochem J 126:275-89, Jan 72
ANIMAL EXPERIMENTS/ *BONE AND BONES, enzymology/ CALCIUM/ CARBON ISOTOPES/ *CLOSTRIDIOPEPTIDASE A/ COLLAGEN/ CULTURE MEDIA/ CYSTEINE/ DIALYSIS/ EDTA/ ENZYME ACTIVATION/ *ENZYME PRECURSORS, secretion/ FILTRATION/ GEL FILTRATION/ GLYCINE, metabolism/ GUINEA PIGS/ HYDROGEN-ION CONCENTRATION/ LYSOSOMES/ MICE/ MOLECULAR WEIGHT/ ORGAN CULTURE/ SKIN, enzymology/ TRYPSIN

8048. Vaheri A, Ruoslahti E, Hovi T, et al: Stimulation of density-inhibited cell cultures by insulin.
J Cell Physiol 81:355-64, Jun 73
CELL COUNT/ *CELL DIVISION, drug effects/ CELLS, CULTURED/ CHICK EMBRYO/ DNA, biosynthesis/ GLUCOSAMINE, metabolism/ GLUCOSE, metabolism/ INSULIN, metabolism/ *INSULIN, pharmacodynamics/ LEUCINE, metabolism/ MITOSIS/ NEURAMINIDASE, pharmacodynamics/ PAPAIN, pharmacodynamics/ PROTEINS, biosynthesis/ RADIOIMMUNOASSAY/ RNA, biosynthesis/ THYMIDINE, metabolism/ TRITIUM/ TRYPSIN, pharmacodynamics

8049. Vaillant SB, Sañchez Buenaventura J: La tromboelastografía aplicada al estudio de las hipercoagulabilidades.
Rev Clin Esp 125:533-8, 30 Jun 72 (Spa)
BLOOD CELL COUNT/ *BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD PLATELETS/ ENGLISH ABSTRACT/ FIBRINOGEN, analysis/ HUMAN/ *THROMBELASTOGRAPHY

8050. Vaiman M, Garnier H, Kunlin A, et al: The SL-A histocompatibility system in the Sus scrofa species.
Transplantation 14:541-50, Nov 72
ABSORPTION/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS, immunology/ BLOOD UREA NITROGEN/ FEMALE/ GENOTYPE/ GRAFT REJECTION/ *HISTOCOMPATIBILITY ANTIGENS/ HISTOCOMPATIBILITY TESTING/ ILEUM, transplantation/ *INTESTINE, SMALL, transplantation/ JEJUNUM, transplantation/ *KIDNEY, transplantation/ MALE/ PHENOTYPE/ *SWINE, immunology/ TRANSPLANTATION, HOMOLOGOUS

8051. Vainer H: The platelet populations.
Adv Exp Med Biol 34:191-217, 1972
ADENOSINE TRIPHOSPHATE, blood/ BLOOD COAGULATION DISORDERS, blood/ *BLOOD PLATELETS/ BLOOD PLATELETS, analysis/ BLOOD PROTEINS, analysis/ CELL SEPARATION/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMIUM ISOTOPES/ GLYCOGEN, blood/ LEUKEMIA, blood/ LIPIDS, biosynthesis/ PLATELET ADHESIVENESS/ RNA, blood/ SPECIFIC GRAVITY

8052. Vainer H: Separation of platelet populations from human and rat blood. Method and applications.
Adv Exp Med Biol 34:309-20, 1972
ADENOSINE, metabolism/ AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS/ BLOOD PLATELETS, enzymology/ BLOOD PLATELETS, immunology/ BLOOD PLATELETS, metabolism/ BLOOD PROTEINS, analysis/ BLOOD PROTEINS, biosynthesis/ CARBON ISOTOPES/ CELL SEPARATION/ CELL SURVIVAL/ *CENTRIFUGATION, DENSITY GRADIENT/ GLYCOGEN, blood/ HISTOCOMPATIBILITY ANTIGENS, analysis/ HUMAN/ MICROSCOPY, ELECTRON/ RATS/ SEROTONIN, metabolism

8053. Vainer H, Levy S: Membrane receptors and platelet function: interaction of polylysine with adenosine triphosphatase (ATPase) in human platelet and platelet populations.
Nouv Rev Fr Hematol 12:707-8, Sep-Oct 72
ADENOSINE TRIPHOSPHATASE, analysis/ *ADENOSINE TRIPHOSPHATASE, pharmacodynamics/ BINDING SITES/ BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, physiology/ CELL AGGREGATION/ CELL MEMBRANE/ HUMAN/ *LYSINE, pharmacodynamics/ POLYMERS, pharmacodynamics/ RECEPTORS, DRUG

8054. Vaĭnshteĭn SG: Aktivnost' lipoproteidnoĭ lipazy i vliianie syvorotki krovi na lipoliticheskuiu aktivnost' zhirovoĭ tkani u bol'nykh iazvennoĭ boleznʹiu.
Ter Arkh 44:28-31, May 72 (Rus)
*ADIPOSE TISSUE, enzymology/ ADULT/ AGED/ ENGLISH ABSTRACT/ FATS, metabolism/ FEMALE/ HUMAN/ IN VITRO/ *LIPOPROTEIN LIPASE, metabolism/ MALE/ MIDDLE AGE/ PEPTIC ULCER, blood/ PEPTIC ULCER, enzymology/ *PEPTIC ULCER, metabolism

8055. Vaisrub S: Covert consumption coagulopathy--a call to vigilance. JAMA 224:1523, 11 Jun 73
BRAIN INJURIES, ACUTE, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HEART DEFECTS, CONGENITAL, complications/ HUMAN

8056. Vaisrub S: Tracheal aspiration and fiber optic bronchoscopy. JAMA 221:1162, 4 Sep 72
ADULT/ *FIBRINOGEN, diagnostic use/ GRAFT REJECTION/ HUMAN/ *IODINE ISOTOPES, DIAGNOSTIC/ KIDNEY, transplantation/ THROMBOPHLEBITIS, diagnosis/ *THROMBOSIS, diagnosis/ TRANSPLANTATION, HOMOLOGOUS

8057. Valençak E, Mostbeck A, Grunert V: Contribution des A.M.A. à l'étude hémodynamique des angiomes artério-veineux.
Neurochirurgie 18:280-4, May-Jun 72 (Fre)
*ARTERIOVENOUS FISTULA, diagnosis/ *BRAIN NEOPLASMS, diagnosis/ *HEMANGIOMA, diagnosis/ HUMAN/ *RADIOISOTOPE SCANNING/ *SERUM ALBUMIN, RADIO-IODINATED

8058. Valenzuela P, Bender ML: Preparation and kinetic properties of a new form of chymotrypsin which is active at alkaline pH: 1 -chymotrypsin.
J Biol Chem 248:4909-14, 25 Jul 73
ALANINE, analysis/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BINDING, COMPETITIVE/ BINDING SITES/ BUFFERS/ CATTLE/ CHEMISTRY/ CHROMATOGRAPHY, AFFINITY/ CHYMOTRYPSIN, analysis/ CHYMOTRYPSIN, antagonists & inhibitors/ *CHYMOTRYPSIN, isolation & purification/ CHYMOTRYPSINOGEN/ DRUG STABILITY/ ENZYME ACTIVATION/ ESTERS/ HYDROGEN-ION CONCENTRATION/

KINETICS/ PROTEIN CONFORMATION/ STRUCTURE-ACTIVITY RELATIONSHIP/ THREONINE, analysis

8059. **Valeri CR, Contreras TJ, Feingold H, et al:** Accumulation of di-2-ethylhexyl phthalate (DEHP) in whole blood, platelet concentrates, and platelet-poor plasma. 1. Effect of DEHP on platelet survival and function. Environ Health Perspect 3:103-18, Jan 73
ANTICOAGULANTS/ BLOOD PLATELETS, analysis/ *BLOOD PLATELETS, drug effects/ *BLOOD PRESERVATION/ CELL SURVIVAL, drug effects/ CITRATES/ DRUG CONTAINERS AND CLOSURES/ ERYTHROCYTES, analysis/ FREEZING/ GLUCOSE/ HUMAN/ METHODS/ PHOSPHATES/ PHTHALIC ACID, analysis/ *PHTHALIC ACID, blood/ PHTHALIC ACID, pharmacodynamics/ PLASTICS/ PLATELET ADHESIVENESS, drug effects/ POLYVINYLS

8060. **Valeri CR, Szymanski IO:** Further studies on the rapid and slow components of chromium elution in vivo from preserved erythrocytes.
Vox Sang 24:502-14, 1973
BLOOD PRESERVATION/ BLOOD TRANSFUSION/ BUFFERS/ CALCIUM/ CELL SURVIVAL/ *CHROMIUM ISOTOPES, metabolism/ *ERYTHROCYTES, metabolism/ FREEZING/ HEMAGGLUTINATION/ HUMAN/ MAGNESIUM/ SODIUM CHLORIDE/ SOLUTIONS/ TIME FACTORS

8061. **Valeri CR, Zaroulis CG:** Rejuvenation and freezing of outdated stored human red cells.
N Engl J Med 287:1307-13, 28 Dec 72
ADENINE/ ADENOSINE TRIPHOSPHATE/ AGGLUTININS/ *BLOOD PRESERVATION/ BLOOD TRANSFUSION/ CELL SURVIVAL/ CITRATES/ ERYTHROCYTE AGING/ *ERYTHROCYTES/ *FREEZING/ GLUCOSE/ GLYCERIC ACIDS/ HEMOGLOBIN/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INOSINE/ ISOANTIBODIES/ METHODS/ ORGANOPHOSPHORUS COMPOUNDS/ OXYGEN, blood/ PHOSPHATES/ PYRUVATES/ TIME FACTORS

8062. **Valeri CR, Zaroulis CG:** Rejuvenation and freezing of outdated human red cells.
Adv Exp Med Biol 28:457-77, 1972
ACIDS/ ADENINE, pharmacodynamics/ BIOLOGICAL TRANSPORT/ *BLOOD PRESERVATION/ BLOOD TRANSFUSION/ CELL SURVIVAL/ CENTRIFUGATION/ CITRATES/ CRYOPROTECTIVE AGENTS/ ERYTHROCYTE AGING/ *ERYTHROCYTES/ FREEZING/ GLUCOSE/ GLYCERIN/ HUMAN/ INOSINE, pharmacodynamics/ OXYGEN CONSUMPTION/ PHOSPHATES, pharmacodynamics/ PYRUVATES, pharmacodynamics

8063. **Valle Sánchiz J, Chulià Campos V, Marugán Gómez I, et al:** Prevención y tratamiento de los accidentes pro contrastes yodados.
Rev Esp Anestesiol Reanim 19:395-405, Oct 72 (Spa)
ADOLESCENCE/ ADULT/ AGED/ BLOOD COAGULATION, drug effects/ *CONTRAST MEDIA, adverse effects/ *DRUG HYPERSENSITIVITY/ FIBRINOLYSIS, drug effects/ HUMAN/ *IODIDES, adverse effects/ MIDDLE AGE

8064. **Vallee BL, Riordan JF, Johansen JT, et al:** Spectro-chemical probes for protein conformation and function.
Cold Spring Harbor Symp Quant Biol 36:517-31, 1971 (52 ref.)
ARSENIC/ AZO COMPOUNDS/ BINDING SITES/ *CATALYSIS/ CHEMISTRY/ CIRCULAR DICHROISM/ ENZYME ACTIVATION/ ENZYME PRECURSORS/ *ENZYMES/ METHODS/ OPTICAL ROTATION/ PEPTIDE HYDROLASES/ PROTEIN BINDING/ *PROTEIN CONFORMATION/ REVIEW/ SPECTROPHOTOMETRY

8065. **Vallet L:** Plasma fractionation in England and Wales.
Vox Sang 23:58-60, Jul-Aug 72
BLOOD COAGULATION FACTORS, isolation & purification/ BLOOD DONORS/ *BLOOD PROTEINS, isolation & purification/ *BLOOD TRANSFUSION/ ENGLAND/ FIBRINOGEN, isolation & purification/ HEPATITIS, HOMOLOGOUS SERUM, prevention & control/ HUMAN/ IMMUNOGLOBULINS, isolation & purification/ *PLASMA, analysis/ PLASMAPHERESIS/ RH FACTORS/ SERUM ALBUMIN, isolation & purification/ WALES

8066. **Vallet L:** Freezing plasma in 5-litre bags for storage and thawing for use. Vox Sang 24:550-9, 1973
*BLOOD PRESERVATION, instrumentation/ FREEZING/ HEAT/ POLYETHYLENES/ WEIGHTS AND MEASURES

8067. **Valníček S, Pintera J, Vacl J:** Eine Screening-Mikromethode zur Bestimmung des Fibrinogens im Blutplasma.
Z Med Labortech 13:163-8, 1972 (Ger)
BLOOD/ ENGLISH ABSTRACT/ FIBRINOGEN, analysis/ MASS SCREENING/ METHODS/ *TECHNOLOGY, MEDICAL

8068. **Valníček S, Vacl J, Mrázová M, et al:** Hämotherapeutische Sicherung der Interruption bei angeborenem Mangel des Prokonvertins (des Hämokoagulationsfaktors VII) mittels der Methode der Austauschplasmapherese.
Zentralbl Gynaekol 94:931-5, 22 Jul 72 (Ger)
*ABORTION, INDUCED, adverse effects/ ADULT/ FACTOR VII, biosynthesis/ FEMALE/ HUMAN/ HYPOPROCONVERTINEMIA, complications/ HYPOPROCONVERTINEMIA, congenital/ METHODS/ *PLASMAPHERESIS/ PREGNANCY/ UTERINE HEMORRHAGE, etiology/ *UTERINE HEMORRHAGE, prevention & control

8069. **Vámos L, Pozsár K, Vajdics E, et al:** Methode zur Bestimmung der proteolytischen Aktivität von Labpräparaten.
Nahrung 16:441-50, 1972 (Ger)
ANALYSIS OF VARIANCE/ BACILLUS SUBTILIS, enzymology/ CASEIN, metabolism/ *DAIRY PRODUCTS/ ENGLISH ABSTRACT/ *FOOD MICROBIOLOGY/ HYDROGEN-ION CONCENTRATION/ *PEPTIDE HYDROLASES, metabolism/ SPECTROPHOTOMETRY/ TEMPERATURE/ TIME FACTORS

8070. **Van-Cong-Nguyen, Billardon C, Rebourcet R, et al:** Existence probable d'un second locus de AK Lié au groupe PGM 1 -peptidase.
Ann Genet (Paris) 15:213-8, Dec 72 (Fre)
ADENOSINE TRIPHOSPHATE/ ANIMAL EXPERIMENTS/ CHROMOSOME MAPPING/ CLONE CELLS/ ELECTROPHORESIS, STARCH GEL/ ENGLISH ABSTRACT/ FIBROBLASTS/ *GENES/ GENES, STRUCTURAL/ HUMAN/ HYBRID CELLS/ *LINKAGE (GENETICS)/ LYMPHOCYTES/ MICE/ *PEPTIDE HYDROLASES/ *PHOSPHOGLUCOMUTASE/ *PHOSPHOTRANSFERASES/ *POLYMORPHISM (GENETICS)

8071. **Van Buskirk JJ, Kirsch WM:** Loss of hepatoma ribosomal RNA during warfarin therapy.
Biochem Biophys Res Commun 52:562-8, 15 May 73
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CELL NUCLEUS, drug effects/ CELL NUCLEUS, metabolism/ CYTOPLASM, drug effects/ CYTOPLASM, metabolism/ HEPATOMA, drug therapy/ *HEPATOMA, metabolism/ HEPATOMA, pathology/ LIVER, drug effects/ LIVER, metabolism/ MALE/ MICE/ MICROSOMES, drug effects/ MICROSOMES, metabolism/ OROTIC ACID, metabolism/ RATS, INBRED STRAINS/ RNA, RIBOSOMAL, biosynthesis/ *RNA, RIBOSOMAL, metabolism/ WARFARIN, pharmacodynamics/ *WARFARIN, therapeutic use

8072. **Vandekerckhove J, Nolf P, Van Montagu M:** The amino-acid sequence at the carboxyl terminus of the maturation protein of bacteriophage MS2.
Nature [New Biol] 241:102, 24 Jan 73

AMINO ACID SEQUENCE/ CHYMOTRYPSIN, metabolism/ *COLIPHAGES, analysis/ GENES, STRUCTURAL/ GENETIC CODE/ PEPTIDES, isolation & purification/ RNA VIRUSES, analysis/ TRYPSIN, metabolism/ *VIRAL PROTEINS, analysis/ VIRAL PROTEINS, metabolism

8073. **Van den Spiegel A, Pieters G, De Meester P:** Pancréatite aiguë traumatique.
Acta Chir Belg 72:60-7, Jan 73 (Fre)
ADULT/ ANTIBIOTICS, therapeutic use/ ATROPINE, therapeutic use/ BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ FASTING/ HUMAN/ MALE/ *PANCREAS, injuries/ PANCREATECTOMY/ PANCREATIC CYST, complications/ PANCREATIC CYST, surgery/ PANCREATIC FISTULA, etiology/ PANCREATIC FISTULA, surgery/ *PANCREATITIS, etiology/ POSTOPERATIVE COMPLICATIONS/ SPLEEN, injuries/ SPLENECTOMY/ SPLENIC RUPTURE, etiology/ TRYPSIN INHIBITORS, therapeutic use

8074. **Vandermeers A, Lelotte H, Christophe J:** An automated rate analysis of lipase, trypsin, and chymotrypsin reactions by constant pH titration.
Anal Biochem 42:437-45, Aug 71
AUTOANALYSIS/ *CHYMOTRYPSIN, analysis/ HYDROGEN-ION CONCENTRATION/ *LIPASE, analysis/ METHODS/ TIME FACTORS/ *TRYPSIN, analysis

8075. **Vandermeers A, Vandermeers-Piret MC, Rathé J, et al:** Simple automated spectrophotometric method for assay of trypsin and chymotrypsin in duodenal juice.
Clin Chem 18:1514-7, Dec 72
ARGININE/ AUTOANALYSIS/ *CHYMOTRYPSIN, analysis/ CHYMOTRYPSIN, metabolism/ *DUODENUM, enzymology/ ESTERS/ EVALUATION STUDIES/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *INTESTINAL SECRETIONS, enzymology/ METHODS/ PANCREAS, drug effects/ PANCREAS, metabolism/ PANCREOZYMIN, pharmacodynamics/ SECRETIN, pharmacodynamics/ SPECTROPHOTOMETRY/ TIME FACTORS/ TOSYL COMPOUNDS/ *TRYPSIN, analysis/ TRYPSIN, metabolism/ TYROSINE

8076. **Van der Merwe DJ:** Idiopathic thrombocytopaenic purpura.
Proc Mine Med Off Assoc 51:135-6, May-Aug 71
ADULT/ CASE REPORT/ HUMAN/ MALE/ PROGNOSIS/ *PURPURA, THROMBOPENIC, diagnosis

8077. **Van der Schueren E, Jullet R, Doms D, et al:** The effect of ionising radiation on the incorporation of (2- 14 C) glycine into the proteins of epiderm and derm fractions of rat skin.
Arch Int Physiol Biochim 80:469-79, Aug 72
AGING/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ EPITHELIUM, cytology/ EPITHELIUM, metabolism/ *GLYCINE, metabolism/ HAIR, growth & development/ MALE/ PROTEINS, biosynthesis/ *RADIATION EFFECTS/ RATS/ RATS, INBRED STRAINS/ SKIN, cytology/ SKIN, drug effects/ SKIN, metabolism/ *SKIN, radiation effects/ TRYPSIN, pharmacodynamics

8078. **Van der Weyden MB, Clancy RL, Howard MA, et al:** Qualitative platelet defects with reduced life-span in acute leukaemia. Aust NZ J Med 2:339-45, Nov 72
ACUTE DISEASE/ ADENOSINE DIPHOSPHATE/ BLOOD CELL COUNT/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ *BLOOD PLATELET DISORDERS, etiology/ BLOOD PLATELETS, analysis/ CELL SURVIVAL/ EPINEPHRINE/ HUMAN/ *LEUKEMIA, complications/ LEUKEMIA, LYMPHOBLASTIC, blood/ LEUKEMIA, MYELOBLASTIC, blood/ PHOSPHOLIPIDS, blood/ PLATELET ADHESIVENESS, drug effects/ REMISSION/ RISTOCETIN/ THROMBOPENIA, etiology

8079. **Vandeville D, Martin JP, Lebreton JP, et al:** Le système Pi dans les populations normande et amérindienne.
Rev Fr Transfus 15:213-8, Jun 72 (Fre)
ALLELES/ BLOOD DONORS/ ELECTROPHORESIS, STARCH GEL/ ENGLISH ABSTRACT/ FRANCE/ FRENCH GUIANA/ *GENE FREQUENCY/ GENETICS, BIOCHEMICAL/ *GENETICS, POPULATION/ HUMAN/ *INDIANS, SOUTH AMERICAN/ METHODS/ NORWAY/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PHENOTYPE/ POLYMORPHISM (GENETICS)/ RACIAL STOCKS/ TRYPSIN INHIBITORS, blood

8080. **Van Eys J, Patterson JH:** The effects of metabolic inhibitors on the autohaemolysis test and its relevance to the mechanism of the red cell lysis.
Br J Haematol 24:37-47, Jan 73
ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ADULT/ ANEMIA, HEMOLYTIC, CONGENITAL, blood/ ANTIMETABOLITES, pharmacodynamics/ AZIDES, pharmacodynamics/ DIPHOSPHOGLYCERIC ACIDS, blood/ ERYTHROCYTES, drug effects/ ETHYLMALEIMIDE, pharmacodynamics/ FEMALE/ FLUORIDES, pharmacodynamics/ GLYCOLYSIS/ HEINZ BODIES/ *HEMOLYSIS/ HEMOLYSIS, drug effects/ HEPARIN, pharmacodynamics/ HUMAN/ IN VITRO/ MALE/ PENTOSEPHOSPHATES, blood/ PYRUVATE KINASE/ SODIUM, blood

8081. **Van Heyningen R, Harding JJ:** Some changes in the lens of the dimethylsulphoxide-fed rabbit.
Exp Eye Res 14:91-8, Sep 72
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ *CATARACT, chemically induced/ *CRYSTALLINS/ *DIMETHYL SULFOXIDE/ DISEASE MODELS, ANIMAL/ *EYE PROTEINS/ GLUTATHIONE, metabolism/ INTRAOCULAR PRESSURE/ LACTATES, analysis/ *LENS, CRYSTALLINE, drug effects/ LENS, CRYSTALLINE, metabolism/ OPHTHALMOSCOPY/ PRECIPITATION/ RABBITS/ REFRACTION, OCULAR/ SOLUBILITY/ SULFHYDRYL COMPOUNDS, analysis/ TRICHLOROACETIC ACID/ TRYPSIN/ UREA/ WATER

8082. **Van Horn G:** Cerebrovascular disease.
DM 3-46, Jun 73 (98 ref.)
ANGIOGRAPHY/ ANTICOAGULANTS, therapeutic use/ CEREBRAL ANEURYSM, therapy/ CEREBRAL ARTERIES, anatomy & histology/ CEREBRAL ARTERIOVENOUS MALFORMATIONS, therapy/ CEREBRAL EMBOLISM AND THROMBOSIS, diagnosis/ CEREBRAL EMBOLISM AND THROMBOSIS, pathology/ CEREBRAL EMBOLISM AND THROMBOSIS, surgery/ CEREBRAL EMBOLISM AND THROMBOSIS, therapy/ CEREBRAL HEMORRHAGE, surgery/ CEREBRAL HEMORRHAGE, therapy/ CEREBRAL ISCHEMIA, TRANSIENT, diagnosis/ CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ CEREBRAL ISCHEMIA, TRANSIENT, therapy/ CEREBROVASCULAR CIRCULATION/ *CEREBROVASCULAR DISORDERS/ CEREBROVASCULAR DISORDERS, diagnosis/ CEREBROVASCULAR DISORDERS, radiography/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ OPHTHALMODYNAMOMETRY/ REVIEW/ SUBARACHNOID HEMORRHAGE, therapy

8083. **Vanneuville G, Patouillard P:** Place de la thrombocIase dans la chirurgie artérielle des membres.
Nouv Presse Med 2:1521-2, 2 Jun 73 (Fre)
ADOLESCENCE/ ADULT/ AGED/ AORTA, surgery/ *ARTERIAL OCCLUSIVE DISEASES, surgery/ ARTERIES, injuries/ *EXTREMITIES/ FEMORAL ARTERY, surgery/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ ILIAC ARTERY, surgery/ MIDDLE AGE/ POPLITEAL ARTERY, surgery/ PROGNOSIS

8084. **Van Soestbergen M, Sunderman FW Jr: 63 Ni complexes in rabbit serum and urine after injection of 63 NiCl 2 . Clin Chem 18:1478-84, Dec 72**
ANIMAL EXPERIMENTS/ BILE, analysis/ BINDING SITES/ BIOLOGICAL TRANSPORT/ BLOOD PRESERVATION/ BLOOD PROTEIN ELECTROPHORESIS/ CHLORIDES, administration & dosage/ CHLORIDES, metabolism/ COLD/ FEMALE/ FIBRINOLYSIN/ GEL FILTRATION/ INJECTIONS, INTRAVENOUS/ MALE/ NICKEL, administration & dosage/ NICKEL, blood/ *NICKEL, metabolism/ NICKEL, urine/ PROTEIN BINDING/ RABBITS/ RADIOISOTOPES/ SPECTROPHOTOMETRY, ATOMIC ABSORPTION/ TIME FACTORS/ ULTRAFILTRATION

8085. **Varandani PT: Insulin degradation. V. Unmasking of glutathione-insulin transhydrogenase in rat liver microsomal membrane.**
Biochim Biophys Acta 304:642-59, 28 May 73
ANIMAL EXPERIMENTS/ CYTOSOL, enzymology/ ENZYME ACTIVATION/ FREEZING/ GEL DIFFUSION TESTS/ GEL FILTRATION/ GLUTATHIONE REDUCTASE, analysis/ *GLUTATHIONE REDUCTASE, metabolism/ HYDROGEN-ION CONCENTRATION/ INSULIN/ IODINE ISOTOPES/ LIVER, cytology/ MALE/ MICROSOMES, LIVER, drug effects/ *MICROSOMES, LIVER, enzymology/ PEPTIDE HYDROLASES, analysis/ PHOSPHOLIPASE, pharmacodynamics/ PRECIPITIN TESTS/ RABBITS, immunology/ RATS/ SUBCELLULAR FRACTIONS, enzymology/ SURFACE-ACTIVE AGENTS/ VIBRATION

8086. **Varandani PT: Insulin degradation. IV. Sequential degradation of insulin by rat kidney, heart and skeletal muscle homogenates.**
Biochim Biophys Acta 295:630-6, 21 Feb 73
ANIMAL EXPERIMENTS/ GEL FILTRATION/ *GLUTATHIONE REDUCTASE, analysis/ *INSULIN, metabolism/ IODINE ISOTOPES/ *KIDNEY, enzymology/ KINETICS/ *MUSCLES, enzymology/ *MYOCARDIUM, enzymology/ *PEPTIDE HYDROLASES, analysis/ PEPTIDES, isolation & purification/ RATS

8087. **Varents'ka TV: Ul'trafioletova fiurestsentsiia fragmenta fibinogenu--ingibitora polimerizatsiï fibrinu.**
Ukr Biokhim Zh 44:787-91, 1972 (Ukr)
ENGLISH ABSTRACT/ *FIBRIN, analysis/ *FIBRINOGEN, analysis/ HYDROLYSIS/ *ULTRAVIOLET RAYS

8088. **Varets'ka TV, Tsinkalovs'ka SM, Demchenko OP: Fizyko-khimichni vlastyvosti tryptychnoho frahmenta fibrynohenu--inhibitora polimeryzatsiï fibrynu.**
Ukr Biokhim Zh 44:418-23, 1972 (Ukr)
ENGLISH ABSTRACT/ *FIBRINOGEN, analysis/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ *TRYPSIN, pharmacodynamics

8089. **Varfolomeev SD, Martinek K, Berezin IV: Kinetika i mekhanizm vzaimodeistviia rodamina 6G s aktivnym tsentrom al'fakhimotripsina.**
Mol Biol 7:115-23, Jan-Feb 73 (Rus)
*BENZOATES/ CHEMISTRY, ORGANIC/ *CHYMOTRYPSIN/ *DYES/ ENGLISH ABSTRACT/ EQUILIBRIUM/ FLUORESCENCE SPECTROMETRY/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MOLECULAR CONFORMATION/ SPECTROPHOTOMETRY/ *XANTHENES

8090. **Vargaftig BB, Zirinis P: Platelet aggregation induced by arachidonic acid is accompanied by release of potential inflammatory mediators distinct from PGE2 and PGF2. Nature [New Biol] 244:114-6, 25 Jul 73**
ACETAMINOPHEN, pharmacodynamics/ ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ AORTA/ *ARACHIDONIC ACID, pharmacodynamics/ ASPIRIN, pharmacodynamics/ BIOLOGICAL ASSAY/ BLOOD PLATELETS, metabolism/ CLOFIBRATE, pharmacodynamics/ GLYCERIN, pharmacodynamics/ INDOMETHACIN, pharmacodynamics/ INFLAMMATION/ PHENYLBUTAZONE, pharmacodynamics/ *PLATELET ADHESIVENESS/ PLATELET ADHESIVENESS, drug effects/ *PROSTAGLANDINS, biosynthesis/ PROSTAGLANDINS, pharmacodynamics/ TISSUE EXTRACTS, analysis/ *VASOCONSTRICTOR AGENTS/ VASOCONSTRICTOR AGENTS, analysis

8091. **Varon S, Raiborn C: Dissociation of chick embryo spinal ganglia and the effects on cell yields by the mouse 7S nerve growth factor protein.**
Neurobiology 2:106-22, 1972
ANIMAL EXPERIMENTS/ CALCIUM, pharmacodynamics/ CELL SEPARATION/ *CELLS, CULTURED, drug effects/ CHICK EMBRYO/ CULTURE MEDIA/ *CYTOLOGICAL TECHNICS/ GANGLIA, SPINAL, cytology/ *GANGLIA, SPINAL, embryology/ HYDROGEN-ION CONCENTRATION/ MAGNESIUM, pharmacodynamics/ METHODS/ MICE/ *NERVE GROWTH FACTOR, pharmacodynamics/ NEURONS/ SPINAL NERVE ROOTS, cytology/ SPINAL NERVE ROOTS, embryology/ TRYPSIN, pharmacodynamics

8092. **Vasconez LO, Jurkiewicz MJ, Tyras D: Helpful maneuver for excision of intraoral malignant tumors.**
Surg Gynecol Obstet 136:985, Jun 73
*HEMORRHAGE, ORAL, prevention & control/ HEMOSTASIS/ HUMAN/ METHODS/ *MOUTH NEOPLASMS, surgery/ PRESSURE/ TONGUE, blood supply

8093. **Vasilenko NM, Khizhniakova LN, Zvezdaĭ VI, et al: Kliniko-gigienicheskie paralleli pri vozdeĭstvii anilina na organizm.**
Vrach Delo 8:132-4, Aug 72 (Rus)
*ANILINE COMPOUNDS, poisoning/ BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ ERYTHROCYTES, drug effects/ FEMALE/ HUMAN/ MALE/ OCCUPATIONAL DISEASES, blood/ OCCUPATIONAL DISEASES, chemically induced/ TIME FACTORS

8094. **Vasiukova EA, Pisarskaia IV, Sharova IuA: Vliianie dezopimona na sistemu svertyvaniia krovi pri ozhirenii.**
Ter Arkh 44:92-5, Sep 72 (Rus)
ADOLESCENCE/ ADULT/ *APPETITE DEPRESSANTS, pharmacodynamics/ APPETITE DEPRESSANTS, therapeutic use/ *BLOOD COAGULATION, drug effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *OBESITY, blood/ OBESITY, drug therapy/ THROMBOEMBOLISM, drug therapy

8095. **Vasiutkov VIa: Izmenenie nekotorykh pokazatelei svertyvaiushchei i antisvertyvaiushchei sistom krovi pri posttromboflebiticheskom sindrome.**
Vrach Delo 3:31-2, Mar 73 (Rus)
*BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN/ HUMAN/ LEG, blood supply/ MALE/ PROTHROMBIN TIME/ *THROMBOPHLEBITIS, blood

8096. **Vaughan JT: Surgical management of abdominal crisis in the horse.**
J Am Vet Med Assoc 161:1199-212, 1 Dec 72 (36 ref.)
ABDOMEN, ACUTE, surgery/ *ABDOMEN, ACUTE, veterinary/ ABSCESS, veterinary/ ADHESIONS, veterinary/ ANIMAL EXPERIMENTS/ BLADDER DISEASES, veterinary/ CECAL DISEASES, veterinary/ FEMALE/ *HORSE DISEASES, surgery/ INTESTINAL OBSTRUCTION, veterinary/ INTUSSUSCEPTION, veterinary/ MALE/ METHODS/ NEOPLASMS, veterinary/ PERITONEAL DISEASES, veterinary/ POSTOPERATIVE COMPLICATIONS, veterinary/ PREGNANCY/ PREGNANCY COMPLICATIONS, veterinary/ PREOPERATIVE CARE/ RECTAL DISEASES, veterinary/

REVIEW/ RUPTURE, SPONTANEOUS/ SUTURE TECHNICS/ TORSION/ VENTRAL HERNIA, veterinary

8097. **Vaughan RW**: Ventricular arrhythmias after topical vasoconstrictors.
Anesth Analg (Cleve) 52:161-5, Mar 73
*ARRHYTHMIA, chemically induced/ ARRHYTHMIA, drug therapy/ CHILD/ *HEMOSTATICS, adverse effects/ HEMOSTATICS, therapeutic use/ HUMAN/ LIDOCAINE, therapeutic use/ MALE/ OPHTHALMIC SOLUTIONS, adverse effects/ PHENYLEPHRINE, administration & dosage/ *PHENYLEPHRINE, adverse effects/ PHENYLEPHRINE, therapeutic use/ RECEPTORS, ADRENERGIC, drug effects/ STRABISMUS, surgery

8098. **Vaugher JP, Pearson B, Blatt S, et al**: Biochemical and hematologic values in male Holstein-Friesian calves.
Am J Vet Res 34:273-7, Feb 73
ACID PHOSPHATASE, blood/ ALKALINE PHOSPHATASE, blood/ AMINOTRANSFERASES, blood/ ANIMAL EXPERIMENTS/ BILIRUBIN, blood/ BLOOD CELL COUNT, veterinary/ BLOOD COAGULATION TESTS, veterinary/ BLOOD PROTEINS, analysis/ BLOOD SUGAR, analysis/ BLOOD UREA NITROGEN, veterinary/ CARBON DIOXIDE, blood/ *CATTLE, metabolism/ CHOLESTEROL, blood/ ELECTROLYTES, blood/ HEMATOCRIT, veterinary/ HEMOGLOBIN, analysis/ HYDROXYBUTYRATE DEHYDROGENASE, blood/ ISOCITRATE DEHYDROGENASE, blood/ LACTATE DEHYDROGENASE, blood/ MALE/ OXYGEN, blood

8099. **Vedenkina NS, Ivkova MN, Burshtein EA**: Position of the fluorescence spectrum maxima of external tryptophan residues in proteins.
Mol Biol 6:375-7, Jul-Aug 72
ACTOMYOSIN/ AMINO ACYL T RNA SYNTHETASES/ CESIUM/ CHEMISTRY/ CHLORIDES/ CHYMOTRYPSIN/ CHYMOTRYPSINOGEN/ CREATINE KINASE/ *ENZYMES/ FLUORESCENCE SPECTROMETRY/ MURAMIDASE/ *MUSCLE PROTEINS/ NITRATES/ PAPAIN/ PEPSIN/ PROTEIN CONFORMATION/ SODIUM/ TRYPSIN/ *TRYPTOPHAN

8100. **Vediaev FP**: Pro systemnyi kharakter emotsional'nykh reaktsi limbichnoho pokhodzhennia.
Fiziol Zh 18:147-53, Mar-Apr 72 (Rus)
ANIMAL EXPERIMENTS/ BEHAVIOR/ BLOOD COAGULATION/ BRAIN, physiology/ DOGS/ ELECTRIC STIMULATION/ ENGLISH ABSTRACT/ HEART, physiology/ *LIMBIC SYSTEM, physiology/ RABBITS/ STOMACH, secretion

8101. **Veen PH van der**: Hyrdodynamics of Holter ventriculo-atrial shunt systems under various conditions.
Dev Med Child Neurol [Suppl] 27:132-9, 1972
CEREBROSPINAL FLUID PROTEINS/ *CEREBROSPINAL FLUID SHUNTS, instrumentation/ CEREBROSPINAL FLUID SHUNTS, standards/ EVALUATION STUDIES/ FIBRINOGEN/ HUMAN/ MANOMETRY/ PRESSURE/ TEMPERATURE/ VISCOSITY

8102. **Végh A, Rossdy E**: Bericht über ein mit der Niere zusammenhängendes Hämangiopaerizytom.
Z Urol Nephrol 66:131-5, Feb 73 (Ger)
FEMALE/ *HEMANGIOPERICYTOMA, complications/ HEMANGIOPERICYTOMA, pathology/ HEMANGIOPERICYTOMA, surgery/ HUMAN/ *KIDNEY DISEASES, complications/ KIDNEY DISEASES, pathology/ KIDNEY DISEASES, surgery/ MIDDLE AGE

8103. **Velemínský J, Lindner I, Blažek K**: Subkapsulární hematom jater novorozenců a epilepsie matky.
Cesk Neurol 36:242-5, Jul 73 (Cze)
ENGLISH ABSTRACT/ *EPILEPSY, GRAND MAL, drug therapy/ FEMALE/ *HEMATOMA, chemically induced/ HUMAN/ HYDANTOINS, adverse effects/ HYDANTOINS, therapeutic use/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, chemically induced/ *LIVER DISEASES, chemically induced/ MATERNAL-FETAL EXCHANGE/ PREGNANCY/ *PREGNANCY COMPLICATIONS, drug therapy

8104. **Velican C**: Mechanisms of cholesterol accumulation in atherosclerotic lesions.
Rev Roum Med Intern 9:501-15, 1972 (57 ref.)
ACETIC ACIDS, blood/ ACETYL COENZYME A, blood/ ACYLTRANSFERASES, blood/ ANIMAL EXPERIMENTS/ ARTERIES, metabolism/ ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, enzymology/ *ARTERIOSCLEROSIS, metabolism/ CHICKENS/ CHOLESTEROL, biosynthesis/ CHOLESTEROL, blood/ *CHOLESTEROL, metabolism/ ESTERS, biosynthesis/ ESTERS, blood/ FATTY ACIDS, biosynthesis/ FATTY ACIDS, blood/ FATTY STREAK, ARTERIAL, metabolism/ HUMAN/ HYDROLYSIS/ LECITHINS/ LIPASE, blood/ LIPIDS, blood/ LIPOPROTEINS, blood/ MONKEYS/ RABBITS/ RATS/ REVIEW

8105. **Velican C, Leahu S, Velican D**: The relationship between the diameter of the coronary arteries and their susceptibility to atherosclerotic involvement.
Rev Roum Med Intern 10:115-20, 1973
ADOLESCENCE/ ADULT/ AGED/ *ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, pathology/ CHILD/ CHONDROITIN, analysis/ CORONARY DISEASE, etiology/ CORONARY VESSELS, analysis/ *CORONARY VESSELS, anatomy & histology/ CORONARY VESSELS, pathology/ GLYCOPROTEINS, analysis/ HEPARIN, analysis/ HISTOCYTOCHEMISTRY/ HUMAN/ INFANT/ INFANT, NEWBORN/ MIDDLE AGE/ SULFURIC ACIDS, analysis

8106. **Velican D**: Rolul factorilor locali în geneza trombozelor obstructive din ateroscleroză.
Stud Cercet Med Interna 14:127-41, 1973 (76 ref.) (Rum)
ANIMAL EXPERIMENTS/ ARTERIES, metabolism/ ARTERIES, pathology/ *ARTERIOSCLEROSIS, complications/ ENDOTHELIUM, metabolism/ ENGLISH ABSTRACT/ FIBRIN, metabolism/ HUMAN/ LIPIDS, metabolism/ REVIEW/ *THROMBOSIS, etiology

8107. **Velican D**: Structural organization of the fibrinogen macromolecule related to the process of fibrin formation.
Rev Roum Med Intern 9:419-36, 1972 (84 ref.)
AMINO ACID SEQUENCE/ *FIBRIN, biosynthesis/ *FIBRINOGEN, analysis/ FIBRINOGEN, metabolism/ FIBRINOGEN, physiology/ HUMAN/ MACROMOLECULAR SYSTEMS/ MICROSCOPY, ELECTRON/ MODELS, STRUCTURAL/ MOLECULAR CONFORMATION/ MOLECULAR WEIGHT/ REVIEW/ THROMBIN, physiology

8108. **Velimirovic B**: Bemerkungen zur Klinik und Diagnostik der Pest.
Z Tropenmed Parasitol 24:96-104, Mar 73 (Ger)
ANTIBIOTICS, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ HUMAN/ LUNG DISEASES, etiology/ MENINGITIS, etiology/ PASTEURELLA PESTIS, isolation & purification/ PHARYNGEAL DISEASES, etiology/ *PLAGUE/ PLAGUE, complications/ PLAGUE, diagnosis/ PLAGUE, drug therapy/ PLAGUE, mortality/ PLAGUE, occurrence/ PLAGUE VACCINE/ PROGNOSIS/ VIETNAM

8109. **Vellar ID, O'Sullivan EF**: The effect of heparin on the early resolution of pulmonary emboli in the dog.
Aust NZ J Surg 42:85-9, Aug 72
ANIMAL EXPERIMENTS/ ARTERIES, pathology/ DISEASE MODELS, ANIMAL/ DOGS/ FIBRINOLYSIS/ *HEPARIN, therapeutic use/ LUNG, blood supply/

PULMONARY ARTERY, pathology/ *PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, pathology

8110. **Vellar ID, O'Sullivan EF:** Comparison of the action of heparin and streptokinase on experimental pulmonary emboli in the dog.
Cardiovasc Res 6:734-40, Nov 72
ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ BLOOD PLATELETS/ CATHETERIZATION/ DOGS/ FIBRINOLYSIS, drug effects/ HEMORRHAGE/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ *PULMONARY EMBOLISM, drug therapy/ STREPTOKINASE, administration & dosage/ *STREPTOKINASE, therapeutic use/ THROMBOSIS, drug therapy/ TIME FACTORS

8111. **Vellar ID, Vellar DJ, Goldwasser M, et al:** Superior mesenteric artery embolism.
Med J Aust 1:801-3, 21 Apr 73
ADULT/ AGED/ EMBOLISM, drug therapy/ EMBOLISM, radiography/ EMBOLISM, surgery/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MESENTERIC ARTERIES, radiography/ *MESENTERIC ARTERIES, surgery/ MESENTERIC VASCULAR OCCLUSION, drug therapy/ MESENTERIC VASCULAR OCCLUSION, radiography/ *MESENTERIC VASCULAR OCCLUSION, surgery

8112. **Veller DG, Belov SG, Shumskaia VI, et al:** Lechenie bol'nykh s ostrymi krovotecheniiami vsledstvie gemorragicheskogo gastrita.
Vestn Khir 108:40-3, Sep 72 **(Rus)**
DUODENAL ULCER, complications/ ENGLISH ABSTRACT/ FIBER OPTICS/ *GASTRITIS, complications/ GASTROSCOPY/ HEMORRHAGE, GASTROINTESTINAL, diagnosis/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HEMORRHAGE, GASTROINTESTINAL, surgery/ *HEMORRHAGE, GASTROINTESTINAL, therapy/ HUMAN/ POSTGASTRECTOMY SYNDROMES, surgery/ PURPURA, THROMBOPENIC, complications

8113. **Veltkamp JJ, Kreuning J:** The diagnostic value of coagulation studies in chronic liver disease.
Scand J Gastroenterol [Suppl] 19:93-5, 1973
*BLOOD COAGULATION TESTS/ CHRONIC DISEASE/ FACTOR V/ FIBRINOGEN/ HEPATITIS, diagnosis/ HUMAN/ INDICATORS AND REAGENTS/ LIVER CIRRHOSIS, diagnosis/ *LIVER DISEASES, diagnosis/ METHODS/ PROTHROMBIN TIME

8114. **Veltkamp JJ, Oosterom AT van:** Two genetic variants of von Willebrand's disease.
N Engl J Med 288:1411-2, 28 Jun 73
DIAGNOSIS, DIFFERENTIAL/ FACTOR VIII, analysis/ FACTOR VIII, biosynthesis/ HUMAN/ VON WILLEBRAND'S DISEASE, diagnosis/ *VON WILLEBRAND'S DISEASE, familial & genetic

8115. **Veltkamp JJ, Tilburg NH van:** Detection of heterozygotes for recessive von Willebrand's disease by the assay of antihemophilic-factor-like antigen.
N Engl J Med 289:882-5, 25 Oct 73
*ANTIGENS, analysis/ BLOOD COAGULATION TESTS/ *FACTOR VIII, analysis/ FEMALE/ *GENES, RECESSIVE/ *HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ IMMUNOELECTROPHORESIS/ MALE/ NEUTRALIZATION TESTS/ PEDIGREE/ VON WILLEBRAND'S DISEASE, blood/ VON WILLEBRAND'S DISEASE, diagnosis/ *VON WILLEBRAND'S DISEASE, familial & genetic

8116. **Vengerova TI, Rokhlin OV, Nezlin RS:** Chemical differences between two allotypic variants of light chains of rat immunoglobulins. Peptide mapping and cyanogen bromide cleavage.
Immunochemistry 9:1239-45, Dec 72
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CYANOGEN BROMIDE/ GEL FILTRATION/ IMMUNOCHEMISTRY/ *IMMUNOGLOBULIN FRAGMENTS, analysis/ *ISOANTIGENS, analysis/ MOLECULAR WEIGHT/ *PEPTIDES, analysis/ RATS/ RATS, INBRED STRAINS/ TRYPSIN

8117. **Venzmer G:** Wie steht die fachkundliche Medizin heute zur "Pille". Krankenpflege 27:237-8, Jun 73 **(Ger)**
BLOOD COAGULATION/ BLOOD COAGULATION, drug effects/ CONTRACEPTIVES, ORAL, pharmacodynamics/ SPECIAL LIST NURSING

8118. **Veprinskaia SI, Doviner AD:** Vliianie antifermentnoĭ terapii na vnutrikletochnyĭ metabolizm v leĭkotsitakh krovi pri khronicheskikh zabolevaniiakh podzheludochnoĭ zhelezy.
Vrach Delo 11:61-2, Nov 72 **(Rus)**
ADULT/ CHRONIC DISEASE/ DRUG COMBINATIONS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ LEUKOCYTES, enzymology/ *LEUKOCYTES, metabolism/ MALE/ MIDDLE AGE/ PANCREATIC DISEASES, blood/ *PANCREATIC DISEASES, drug therapy/ PANCREATIC DISEASES, enzymology/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDES/ TRYPSIN INHIBITORS

8119. **Verbeck B:** Augenbefunde und Stoffwechselverhalten bei Einnahme von Ovulationshemmern.
Klin Monatsbl Augenheilkd 162:612-21, May 73 **(Ger)**
ADULT/ ASTIGMATISM, chemically induced/ BLOOD CELL COUNT/ BLOOD COAGULATION, drug effects/ BLOOD PLATELETS/ *CONTRACEPTIVES, ORAL, adverse effects/ ENGLISH ABSTRACT/ ERYTHROCYTE COUNT/ FEMALE/ HUMAN/ HYDROCORTISONE, blood/ IRON, blood/ MIDDLE AGE/ MYOPIA, chemically induced/ OPTIC NERVE, drug effects/ RETINAL VESSELS, drug effects/ TEARS, secretion/ TIME FACTORS

8120. **Verder H, Brammer BE:** Toksisk lungeødem. En oversigt og to tilfaelde af forgiftning med nitrøose gasser.
Ugeskr Laeger 134:1937-43, 11 Sep 72 **(Dan)**
ADULT/ ANOXIA/ ANTIBIOTICS, therapeutic use/ AUTOIMMUNE DISEASES, etiology/ BLOOD VISCOSITY/ CAPILLARIES, pathology/ CELL MEMBRANE/ ENGLISH ABSTRACT/ FIBRIN, biosynthesis/ GAS POISONING/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ MALE/ *NITROGEN DIOXIDE, poisoning/ *PULMONARY EDEMA/ SHOCK

8121. **Vereecken L, Derom F, De Roose J:** A case of ruptured aortic aneurysm associated with horseshoe kidney.
Acta Chir Belg 72:46-9, Jan 73
*AORTIC ANEURYSM, complications/ *AORTIC RUPTURE, surgery/ BLOOD VESSEL PROSTHESIS/ FEMORAL ARTERY, surgery/ HEMATOMA, surgery/ HUMAN/ ILIAC ARTERY, surgery/ *KIDNEY, abnormalities/ KIDNEY, physiology/ MALE/ MIDDLE AGE/ POPLITEAL ARTERY, surgery

8122. **Vereshchagin IA, Spalek SF:** Dynamika pokaznykiv heparynu i histaminu pry hostrii respiratornii infektsii u dieti.
Pediatr Akush Ginekol 1:14-5, 1973 **(Ukr)**
ACUTE DISEASE/ ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ *HEPARIN, blood/ *HISTAMINE, blood/ HUMAN/ INFANT/ INFANT, NEWBORN/ *RESPIRATORY TRACT INFECTIONS, blood

8123. **Verger P, Guillard JM, Cixous P, et al:** Un cas d'hémangiomatose multi-nodulaire du foie à évolution favorable. Arch Fr Pediatr 29:1115-6, Dec 72 **(Fre)**
*ANGIOMATOSIS/ ANGIOMATOSIS, complications/ ANGIOMATOSIS, pathology/ BIOPSY, NEEDLE/ CASE REPORT/ HEART ENLARGEMENT, complications/ HUMAN/ INFANT/ *LIVER NEOPLASMS/ LIVER NEOPLASMS, complications/ LIVER NEOPLASMS, pathology/ MALE

8124. **Verger R, Mieras MC, Haas GH de:** Action of

phospholipase A at interfaces.
J Biol Chem 248:4023-34, 10 Jun 73
BEES/ CALCIUM/ CATALYSIS/ COMPUTERS, DIGITAL/ DIFFUSION/ ENZYME ACTIVATION/ ENZYME PRECURSORS/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ KINETICS/ MATHEMATICS/ MEMBRANES, ARTIFICIAL/ MODELS, CHEMICAL/ OSMOLAR CONCENTRATION/ *PANCREAS, enzymology/ *PHOSPHOLIPASE/ *PHOSPHOLIPIDS/ SNAKES/ SODIUM CHLORIDE/ SPECIES SPECIFICITY/ SURFACE PROPERTIES/ SURFACE TENSION/ SWINE/ TRYPSIN/ VENOMS

8125. **Vergoz D: Principes, limites, modalités d'application des traitements anticoagulants classiques.**
Phlebologie 26:105-7, Jan-Mar 73 (Fre)
*BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION TESTS/ *HEPARIN, therapeutic use/ HUMAN/ *THROMBOSIS, prevention & control/ *VITAMIN K, antagonists & inhibitors

8126. **Vergoz D, Henry F, Kelemen ZS, et al: Contrôle du saignement pathologique après extraction dentaire par application de colle gélatine-résorcine-formol (méthode Kelemen.**
Nouv Presse Med 2:1459-60, 26 May 73 (Fre)
ADULT/ DRUG COMBINATIONS/ FORMALDEHYDE, therapeutic use/ GELATIN, therapeutic use/ *HEMOPHILIA, complications/ *HEMORRHAGE, ORAL, prevention & control/ *HEMOSTATICS, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ RESORCINOL, therapeutic use/ *TOOTH EXTRACTION

8127. **Verhaeghe R, Damme B van, Molia A, et al: Dysfibrinogenaemia associated with primary hepatoma.** Scand J Haematol 9:451-8, 1972
*BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ FEMALE/ FIBRIN/ *FIBRINOGEN, analysis/ GEL FILTRATION/ *HEPATOMA, complications/ HUMAN/ *LIVER NEOPLASMS, complications/ MIDDLE AGE/ PROTHROMBIN TIME

8128. **Verma SP, Schneider H, Smith IC: Organizational changes in phospholipid multibilayers induced by uncouplers of oxidative phosphorylation: a spin label study.** Arch Biochem Biophys 154:400-6, Jan 73
BISHYDROXYCOUMARIN/ BRAIN/ CHOLESTANES/ CHOLESTEROL/ DINITROPHENOLS/ ELECTRON SPIN RESONANCE/ HYDROGEN-ION CONCENTRATION/ LECITHINS/ LIPIDS/ MEMBRANES, ARTIFICIAL/ MODELS, STRUCTURAL/ *OXIDATIVE PHOSPHORYLATION, drug effects/ PENTACHLOROPHENOL/ *PHOSPHOLIPIDS

8129. **Vermeenko KN, Khomenko LA: Proteoliticheskaia aktivnosti' sliuny u bol'nykh parodontozom.**
Stomatologiia (Mosk) 52:72-3, May-Jun 73 (Rus)
HUMAN/ *PEPTIDE HYDROLASES, metabolism/ *PERIODONTAL DISEASES, enzymology/ *SALIVA, enzymology

8130. **Vermesse G, Parquet-Gernez A, Houcke M, et al: Coagulation intra-vasculaire disseminée au cours d'une pancréatite aigüe chez une cirrhotique.**
Lille Med 17:987-97, Aug-Sep 72 (Fre)
AGED/ BLOOD COAGULATION TESTS/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ HUMAN/ *LIVER CIRRHOSIS, complications/ *PANCREATITIS, complications

8131. **Vermylen J, Verstraete M, Brosens I: Effect of dydrogesterone (Duphaston) on haemostasis and liver function.**
J Obstet Gynaecol Br Commonw 80:75-81, Jan 73
ALKALINE PHOSPHATASE, blood/ BILIRUBIN, blood/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ DYDROGESTERONE, administration & dosage/ *DYDROGESTERONE, pharmacodynamics/ FACTOR VIII/ FEMALE/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ *LIVER, drug effects/ LIVER FUNCTION TESTS/ PLACEBOS

8132. **Vernik SD: Fenomen mestnogo leĭkotsitoza pri énzimoterapii vospalitel'nykh infil'tratov.**
Vestn Khir 108:42-4, Aug 72 (Rus)
ADOLESCENCE/ ADULT/ AGED/ CHILD/ ENGLISH ABSTRACT/ HUMAN/ INFLAMMATION, blood/ *INFLAMMATION, drug therapy/ *LEUKOCYTOSIS/ MIDDLE AGE/ *TRYPSIN, therapeutic use

8133. **Vernik SD: Primenenie leĭkotsitarnogo indeksa intoksikatsii dlia otsenki éffejtuvbistu kecgebuua ubfuk'tratov.**
Khirurgiia (Mosk) 48:84-7, Sep 72 (Rus)
ADOLESCENCE/ ADULT/ AGED/ *BACTERIAL INFECTIONS, blood/ BACTERIAL INFECTIONS, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LEUKOCYTE COUNT/ MALE/ MIDDLE AGE/ *PEPTIDE HYDROLASES, therapeutic use/ *TOXEMIA, blood/ TOXEMIA, drug therapy

8134. **Véron M, Falcoz-Kelly F, Cohen GN: The threonine-sensitive homoserine dehydrogenase and aspartokinase activities of Escherichia coli K12. The two catalytic activities are carried by two independent regions of the polypeptide chain.**
Eur J Biochem 28:520-7, 4 Aug 72
*ALCOHOL OXIDOREDUCTASES/ ALLOSTERIC REGULATION/ AMINO ACIDS, analysis/ ASPARTIC ACID/ BINDING SITES/ CENTRIFUGATION, DENSITY GRADIENT/ ELECTROPHORESIS, DISK/ *ESCHERICHIA COLI, enzymology/ HOMOSERINE/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ MUTATION/ PEPTIDE HYDROLASES/ *PHOSPHOTRANSFERASES/ PHOSPHOTRANSFERASES, isolation & purification/ PROTEIN CONFORMATION/ SODIUM DODECYL SULFATE/ THREONINE

8135. **Verstraete M: The present status of thrombolytic agents.** Drugs 5:353-6, 1973
FIBRINOLYTIC AGENTS, pharmacodynamics/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ PLASMINOGEN, blood/ PLATELET ADHESIVENESS, drug effects/ STREPTOKINASE, administration & dosage/ STREPTOKINASE, therapeutic use/ THROMBOEMBOLISM, drug therapy

8136. **Verstraete M: Thrombolytic treatment of pulmonary embolism.** J Clin Pathol 25:645, Jul 72
CLINICAL RESEARCH/ COMPARATIVE STUDY/ *FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ *PULMONARY EMBOLISM, drug therapy/ STREPTOKINASE, therapeutic use

8137. **Verstraete M: Thrombolytic treatment of recent arterial occlusion.** J Clin Pathol 25:641-2, Jul 72
*ARTERIAL OCCLUSIVE DISEASES, drug therapy/ EMBOLISM, drug therapy/ HUMAN/ STREPTOKINASE, adverse effects/ *STREPTOKINASE, therapeutic use/ *THROMBOEMBOLISM, drug therapy/ THROMBOSIS, drug therapy/ TIME FACTORS

8138. **Verstraete M: The effect of lipids on platelets, blood coagulation and fibrinolysis.**
Acta Cardiol (Brux) Suppl 25:37-47, 1972
*BLOOD COAGULATION/ *BLOOD PLATELETS/ *DIETARY FATS, adverse effects/ *FIBRINOLYSIS/ HUMAN/ HYPERLIPEMIA, complications/ *LIPIDS, blood/ PLATELET ADHESIVENESS/ THROMBOSIS, etiology

8139. **Vesell ES: Advances in pharmacogenetics.**
Prog Med Genet 9:291-367, 1973 (200 ref.)
ALCOHOL OXIDOREDUCTASES/ BISHYDROXYCOUMARIN, adverse effects/ CATALASE/ CHOLINESTERASE/ DIPHENYLHYDANTOIN, metabolism/ DISEASES IN TWINS/ DRUG HYPERSENSITIVITY/ DRUG RESISTANCE/ DRUGS, adverse effects/ DRUGS, blood/ DRUGS, metabolism/ ENVIRONMENT/

GLAUCOMA, familial & genetic/ GLUCOSEPHOSPHATE DEHY- DROGENASE DEFICIENCY/ HEMOGLOBIN/ HEREDITARY DISEASES, drug therapy/ HUMAN/ INFANT, NEWBORN/ INTRAOCULAR PRESSURE, drug effects/ ISONIAZID/ MALIGNANT HYPERTHERMIA, familial & genetic/ MUTATION/ *PHARMACOGENETICS/ PHENYLTHIOUREA/ PREGNANCY/ PROTEIN BINDING/ RACIAL STOCKS/ REVIEW/ WARFARIN

8140. **Vesel'skiĭ ISh:** O nekotorykh neĭrogumoral'nykh narusheniiakh pri ostrykh rasstroĭstvakh mozgovogo krovoobrashcheniia.
Vrach Delo 4:83-6, Apr 73 (Rus)
ADULT/ AGED/ *BLOOD COAGULATION/ *CEREBROVASCULAR DISORDERS, blood/ *COBALT, blood/ *COPPER, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE

8141. **Veselskiĭ ISh, Ishchenko MM:** Funktsional'noe sostoianie svertyvaiushcheĭ sistemy krovi pri ostrykh rasstroĭstvakh mozgovogo kroboobrashcheniia.
Klin Med (Mosk) 50:27-32, Sep 72 (Rus)
ADULT/ AGED/ *BLOOD COAGULATION/ *CEREBROVASCULAR DISORDERS, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ THROMBELASTOGRAPHY

8142. **Vesterberg K, Vesterberg O:** Studies of staphylokinase.
J Med Microbiol 5:441-50, Nov 72
CALCIUM/ CASEIN/ COBALT/ COPPER/ CYSTEINE/ EDTA/ HYDROGEN-ION CONCENTRATION/ ISOELECTRIC FOCUSING/ KINETICS/ LEAD/ MAGNESIUM/ MANGANESE/ *PHOSPHOTRANSFERASES, analysis/ PHOSPHOTRANSFERASES, isolation & purification/ PLASMINOGEN/ SILVER/ SPECTROPHOTOMETRY/ STAPHYLOCOCCUS, enzymology/ ZINC

8143. **Vesterberg O, Eriksson R:** Detection of fibrinolytic activity by a zymogram technique after isoelectric focusing.
Biochim Biophys Acta 285:393-7, 28 Dec 72
ACRYLAMIDES/ BUFFERS/ ENZYME ACTIVATION/ FIBRIN/ *FIBRINOLYSIN/ FIBRINOLYSIS/ HYDROGEN-ION CONCENTRATION/ ISOELECTRIC FOCUSING/ MACROMOLECULAR SYSTEMS/ METHODS/ PLASMINOGEN/ *PLASMINOGEN/ STAPHYLOCOCCUS, enzymology/ TEMPERATURE

8144. **Veyssier P, Saimot G, Bazin C, et al:** Hématomes intracérébraux au cours des ˌtaphylococcémies.
Nouv Presse Med 1:2091-5, 16 Sep 72 (Fre)
ABORTION, SEPTIC, complications/ ADULT/ ANEURYSM, MYCOTIC, etiology/ ANTICOAGULANTS, adverse effects/ *CEREBRAL HEMORRHAGE, etiology/ *ENDOCARDITIS, BACTERIAL, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MITRAL VALVE INSUFFICIENCY, surgery/ MITRAL VALVE STENOSIS, surgery/ NEUROLOGIC MANIFESTATIONS/ POSTOPERATIVE COMPLICATIONS/ PREGNANCY/ PROGNOSIS/ *SEPTICEMIA, complications/ *STAPHYLOCOCCAL INFECTIONS, complications

8145. **Viamonte M Jr, Roen S, LePage J:** Nonspecificity of abnormal vascularity in the angiographic diagnosis of malignant neoplasms.
Radiology 106:59-63, Jan 73
*ANGIOGRAPHY/ COLLATERAL CIRCULATION/ DIAGNOSIS, DIFFERENTIAL/ EPINEPHRINE, diagnostic use/ FEMALE/ HEMANGIOMA, radiography/ HUMAN/ INJECTIONS, INTRA-ARTERIAL/ KIDNEY NEOPLASMS, radiography/ LIPOMA, radiography/ MIDDLE AGE/ NEOPLASMS, physiopathology/ *NEOPLASMS, radiography/ PYELONEPHRITIS, radiography/ REGIONAL BLOOD FLOW

8146. **Vichi F:** L'odontoiatria negli emofilici.
Riv Ital Stomatol 26:709-12, Sep 71 (Ita)
DENTAL CARE/ HEMOPHILIA/ SPECIAL LIST DENTAL

8147. **Vidal J, Robinet-Levy M, Michel FB:** Les déficits homozygotes en alpha 1 antitrypsine associés aux maladies respiratoires chroniques. A propos de 600 recherches et 7 observations.
Sem Hop Paris 48:3291-7, 8 Dec 72 (Fre)
ADULT/ AGED/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HOMOZYGOTE/ HUMAN/ IMMUNOCHEMISTRY/ *LUNG DISEASES, etiology/ LUNG DISEASES, familial & genetic/ LUNG DISEASES, OBSTRUCTIVE, etiology/ LUNG DISEASES, OBSTRUCTIVE, familial & genetic/ MALE/ MIDDLE AGE/ PEDIGREE/ PHENOTYPE/ PLEURISY, complications/ PULMONARY EMPHYSEMA, etiology/ PULMONARY EMPHYSEMA, familial & genetic/ *TRYPSIN INHIBITORS, blood/ TUBERCULOSIS, PULMONARY, complications

8148. **Vidne B, Erdman S, Levy MJ:** Thromboembolism following heart valve replacement by prosthesis: survey among 365 consecutive patients.
Chest 63:713-7, May 73
ABORTION, chemically induced/ ADOLESCENCE/ ADULT/ AGED/ ANTICOAGULANTS, adverse effects/ ANTICOAGULANTS, therapeutic use/ AORTIC VALVE/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ FOLLOW-UP STUDIES/ *HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ MALE/ MIDDLE AGE/ MITRAL VALVE/ PERICARDIAL EFFUSION, chemically induced/ POSTOPERATIVE COMPLICATIONS/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PREGNANCY/ *THROMBOEMBOLISM, etiology/ THROMBOEMBOLISM, prevention & control/ TIME FACTORS

8149. **Vidne B, Levy MJ:** Mediastinal tumours. Surgical treatment in forty-five consecutive cases.
Scand J Thorac Cardiovasc Surg 7:59-65, 1973
ADOLESCENCE/ ADULT/ AGED/ CARCINOMA, surgery/ CHILD/ CHILD, PRESCHOOL/ DERMOID CYST, surgery/ ECHINOCOCCOSIS, surgery/ FEMALE/ FIBROSARCOMA, surgery/ GANGLIONEUROMA, surgery/ HEMANGIOMA, surgery/ HODGKIN'S DISEASE, surgery/ HUMAN/ INFANT/ LIPOMA, surgery/ LYMPHANGIOMA, surgery/ MALE/ *MEDIASTINAL CYST, surgery/ MEDIASTINAL NEOPLASMS, radiography/ *MEDIASTINAL NEOPLASMS, surgery/ MELANOMA, surgery/ MESENCHYMOMA, surgery/ MIDDLE AGE/ NEURILEMMOMA, surgery/ NEUROBLASTOMA, surgery/ NEUROFIBROMA, surgery/ TERATOID TUMOR, surgery/ THYMOMA, surgery

8150. **Vidoni G:** Morte improvvisa durante il parto per embolia polmonare di liquido amniotico.
Ateneo Parmense [Acta Biomed] 41:23-32, Jan-Feb 71 (Ita)
ADULT/ *DEATH, SUDDEN/ *EMBOLISM, AMNIOTIC FLUID, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LABOR COMPLICATIONS/ PREGNANCY/ *PULMONARY EMBOLISM, etiology

8151. **Vieillefosse R:** Le questionnaire du patient avant les traitements dentaires.
Rev Fr Odontostomatol 19:63-6, Jan-Feb 72 (Fre)
BLOOD COAGULATION DISORDERS/ *DENTAL CARE/ DENTIST-PATIENT RELATIONS/ DENTISTRY/ DIABETES MELLITUS/ DRUG THERAPY/ DRUG UTILIZATION/ *ETHICS, DENTAL/ HEART DISEASES/ HUMAN/ HYPERSENSITIVITY/ HYPERTENSION/ *MEDICAL HISTORY TAKING/ MEDICAL RECORDS/ MEDICATION ERRORS/ PSYCHOPHYSIOLOGIC DISORDERS/ QUESTIONNAIRES

8152. **Vijayagopalan P, Kurup PA:** Hypolipidaemic activity of whole paddy in rats fed a high-fat--high-cholesterol

diet. Isolation of an active fraction from the husk and bran. Atherosclerosis 15:215-22, Mar-Apr 72
ANIMAL EXPERIMENTS/ *ANTICHOLESTEREMIC AGENTS, therapeutic use/ AORTA, analysis/ CHOLESTEROL, blood/ *DIET, ATHEROGENIC/ DOSE-RESPONSE RELATIONSHIP, DRUG/ GLUCOSE, pharmacodynamics/ *HYPERLIPEMIA, drug therapy/ LIVER, analysis/ MALE/ PHOSPHOLIPIDS, blood/ POLYSACCHARIDES, therapeutic use/ RATS/ *RICE/ URONIC ACIDS, therapeutic use

8153. **Vijayagopalan P, Kurup PA:** Effect of dietary starches on the serum, aorta and hepatic lipid levels in high-fat high cholesterol-fed rats. 2. Nature of the starch and hypolipidaemic activity.
Atherosclerosis 16:247-56, Sep-Oct 72
AMYLASE/ ANIMAL EXPERIMENTS/ *AORTA, metabolism/ BLOOD SUGAR/ *CHOLESTEROL, blood/ CHOLESTEROL, DIETARY, administration & dosage/ *DIETARY CARBOHYDRATES/ DIETARY FATS, administration & dosage/ GLUCOSE, administration & dosage/ HYDROLYSIS/ LIPOPROTEIN LIPASE, metabolism/ LIVER, enzymology/ *LIVER, metabolism/ MALE/ MYOCARDIUM, enzymology/ NAD, metabolism/ PANCREAS, enzymology/ *PHOSPHOLIPIDS, blood/ RATS/ RICE/ STARCH/ STARCH, analysis/ *STARCH, pharmacodynamics/ SUCROSE, administration & dosage/ WHEAT

8154. **Viktora L, Zoubková M:** Changes in circulating blood of irradiated mice following bone marrow transplantation. Folia Biol (Praha) 19:148-52, 1973
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ *BLOOD PLATELETS, radiation effects/ *BONE MARROW CELLS, transplantation/ EOSINOPHILS, radiation effects/ FEMALE/ LEUKOCYTE COUNT/ *LEUKOCYTES, radiation effects/ MICE/ MONOCYTES, radiation effects/ *RADIATION EFFECTS/ *RETICULOCYTES, radiation effects/ TIME FACTORS

8155. **Vilček E, Babor L:** Rádioterapia hemangiómov v detskom veku.
Cas Lek Cesk 111:1097-101, 17 Oct 72 **(Slo)**
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FEMALE/ *HEMANGIOMA, radiotherapy/ HUMAN/ INFANT/ MALE/ *SKIN NEOPLASMS, radiotherapy

8156. **Vilček E, Babor L:** Duplicitný a multiplicitný výskyt hemangiómov kože v detskom veku.
Cesk Dermatol 48:94-6, Apr 73 **(Cze)**
CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA/ HUMAN/ INFANT/ *NEOPLASMS, MULTIPLE PRIMARY/ *SKIN NEOPLASMS

8157. **Viljoen CC, Botes DP:** Snake venom toxins. The purification and amino acid sequence of toxin F VII from Dendroaspis angusticeps venom.
J Biol Chem 248:4915-9, 25 Jul 73
ALKYLATION/ AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ ANTIGENIC DETERMINANTS/ AUTOANALYSIS/ BIOLOGICAL ASSAY/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN LAYER/ DISULFIDES, analysis/ ELECTROPHORESIS, PAPER/ GEL DIFFUSION TESTS/ LETHAL DOSE 50/ MICE/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ *SNAKES/ SPECIES SPECIFICITY/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN/ VENOMS, analysis/ *VENOMS, isolation & purification/ VENOMS, toxicity

8158. **VillaSanta U:** Hemostatic "cerclage" after knife conization of the cervix.
Obstet Gynecol 42:299-301, Aug 73
*CERVIX UTERI, surgery/ CURETTAGE/ FEMALE/ *HEMOSTASIS/ HUMAN/ METHODS/ *SUTURE TECHNICS/ UTERINE HEMORRHAGE, prevention & control

8159. **Villegas J:** Axon-Schwann cell interaction in the squid nerve fibre. J Physiol (Lond) 225:275-96, Sep 72
*ACTION POTENTIALS/ ANIMAL EXPERIMENTS/ *AXONS, physiology/ ELECTRIC CONDUCTIVITY/ ELECTRIC STIMULATION/ IN VITRO/ *MEMBRANE POTENTIALS/ *NEURAL CONDUCTION/ POTASSIUM, pharmacodynamics/ SCHWANN CELLS, drug effects/ *SCHWANN CELLS, physiology/ SEAWATER/ SQUID/ TRYPSIN, pharmacodynamics

8160. **Vincent JE, Bonta IL, Noordhoek J:** Some effects of guinea pig serum and heparin on hemolysis induced by Naja naja, Agkistrodon piscivorus and Apis mellifera venom. Toxicon 10:415-7, Jun 72
ANIMAL EXPERIMENTS/ *BEES/ *BLOOD/ GUINEA PIGS/ *HEMOLYSIS, drug effects/ *HEPARIN, pharmacodynamics/ *SNAKES/ *VENOMS

8161. **Vincent M, Remond G, Desnoyers P, et al:** Dl-(4-isobutyl(cyclohexen-1-yl))alkanoic acids and derivatives as fibrinolytic and thrombolytic compounds. J Med Chem 16:710-2, Jun 73
ADENOSINE DIPHOSPHATE, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ CARRAGEENAN/ CHEMISTRY/ *CYCLOHEXANECARBOXYLIC ACIDS/ EDEMA, chemically induced/ EDEMA, drug therapy/ EPINEPHRINE, antagonists & inhibitors/ *FIBRINOLYTIC AGENTS, chem synthesis/ FIBRINOLYTIC AGENTS, pharmacodynamics/ FIBRINOLYTIC AGENTS, therapeutic use/ FIBRINOLYTIC AGENTS, toxicity/ HUMAN/ LETHAL DOSE 50/ MICE/ PLATELET ADHESIVENESS, drug effects/ RABBITS/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP/ THROMBIN, antagonists & inhibitors/ TIME FACTORS

8162. **Vincent MA:** Progrès dans la prévention des hémorragies de la prostatectomie. 469 cas personnels en 5 ans. J Urol Nephrol (Paris) 78:486-8, Jun 72 **(Fre)**
AGED/ *HEMORRHAGE, prevention & control/ *HEMOSTASIS/ HUMAN/ IRRIGATION/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *PROSTATECTOMY/ *PROSTATIC HYPERTROPHY, surgery

8163. **Vinnik LF:** Sheĭny stranguliatsionnyĭ sindrom posle operatsiĭ na shchitovidnoĭ zheleze.
Vestn Khir 108:53-7, Jul 72 **(Rus)**
ADHESIONS/ ADULT/ AGED/ CICATRIX/ COUGH/ DEGLUTITION/ ENGLISH ABSTRACT/ *ESOPHAGEAL STENOSIS, etiology/ ESOPHAGEAL STENOSIS, physiopathology/ ESOPHAGUS, physiopathology/ FEMALE/ GOITER, EXOPHTHALMIC, surgery/ GOITER, NODULAR, surgery/ HUMAN/ LARYNX, physiopathology/ MIDDLE AGE/ PAIN/ *POSTOPERATIVE COMPLICATIONS/ RESPIRATION/ SYNDROME/ *THYROIDECTOMY/ TRACHEA, physiopathology/ *TRACHEAL STENOSIS, etiology/ TRACHEAL STENOSIS, physiopathology/ VOICE

8164. **Violante N, De Pinto ML, Di Bitonto G:** Sindrome da defibrinazione in tre casi in età pediatrica.
Minerva Pediatr 25:161-5, 11 Feb 73 **(Ita)**
*BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION TESTS/ DIAGNOSIS, DIFFERENTIAL/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ ENGLISH ABSTRACT/ FEMALE/ *FIBRIN/ FIBRINOLYSIS/ HUMAN/ INFANT/ MALE/ SYNDROME

8165. **Virella G:** La IgG: una subclase estructuralmente notable de la inmunoglobulina G humana.
Sangre (Barc) 17:283-92, 1972 (55 ref.) **(Spa)**
ANTIGENIC DETERMINANTS/ ANTIGENS/ BLOOD PROTEIN ELECTROPHORESIS/ CIRCULAR DICHROISM/ COMPLEMENT

FIXATION TESTS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENGLISH ABSTRACT/ FEMALE/ HALF-LIFE/ HUMAN/ *IGG/ IGG, analysis/ IGG, biosynthesis/ IMMUNOELECTROPHORESIS/ INFANT, NEWBORN/ MOLECULAR WEIGHT/ PEPTIDE HYDROLASES/ PREGNANCY/ PROTEIN CONFORMATION/ REVIEW/ VISCOSITY

8166. **Vitacco M, Sanchez Avalos J, Gianantonio CA:** Heparin therapy in the hemolytic-uremic syndrome.
J Pediatr 83:271-5, Aug 73
*ANEMIA, HEMOLYTIC, ACQUIRED, drug therapy/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ BLOOD PLATELET DISORDERS, chemically induced/ CHILD/ EVALUATION STUDIES/ FEMALE/ HEMOLYTIC-UREMIC SYNDROME, drug therapy/ HEPARIN, adverse effects/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ NEUROLOGIC MANIFESTATIONS/ PROTHROMBIN TIME/ *UREMIA, drug therapy

8167. **Vitek JJ:** Femoro-cerebral angiography: analysis of 2,000 consecutive examinations, special emphasis on carotid arteries catheterization in older patients.
Am J Roentgenol Radium Ther Nucl Med 118:633-47, Jul 73
ADULT/ AGE FACTORS/ AGED/ AORTIC DISEASES, complications/ ARTERIOSCLEROSIS, complications/ BRACHIAL ARTERY, injuries/ CAROTID ARTERIES, injuries/ *CAROTID ARTERIES, radiography/ *CATHETERIZATION/ CATHETERIZATION, adverse effects/ CATHETERIZATION, instrumentation/ *CEREBRAL ANGIOGRAPHY/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ *FEMORAL ARTERY/ FEMORAL ARTERY, injuries/ HEMATOMA, etiology/ HUMAN/ HYPERTENSION, complications/ INFANT/ INNOMINATE ARTERY, radiography/ MALE/ METHODS/ MIDDLE AGE/ SEX FACTORS/ SUBCLAVIAN ARTERY, radiography/ THROMBOSIS, etiology/ VERTEBRAL ARTERY, radiography

8168. **Vives J, Parra M, Castillo R:** Platelet aggregation technique used in the preparation of lymphocyte suspensions.
Tissue Antigens 1:276-8, 1971
ADENOSINE DIPHOSPHATE, pharmacodynamics/ *BLOOD PLATELETS/ CELL SEPARATION/ CENTRIFUGATION/ HUMAN/ *LYMPHOCYTES/ METHODS/ *PLATELET ADHESIVENESS, drug effects

8169. **Vivien P:** Quelques réflexions sur l'usage de l'héparinate de Ca par voie sous-cutanée en thérapeutique anticoagulante.
Phlebologie 26:15-21, Jan-Mar 73 (Fre)
*BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION TESTS/ CALCIUM/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *HEPARIN, administration & dosage/ HUMAN/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ SODIUM

8170. **Vladutiu AO, Sielski L:** Macroglobulinaemia or multiple myeloma?
Lancet 1:1122-3, 19 May 73
AGED/ BLOOD VISCOSITY/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *MACROGLOBULINEMIA, diagnosis/ MALE/ *MULTIPLE MYELOMA, diagnosis

8171. **Vlokh II, Zvarich VA, Pavlik EV:** O vliianii mazheptila na nekotorye somatovegetativnye funktsii bol'nykh shizofreniei.
Vrach Delo 2:124-7, Feb 73 (Rus)
BLOOD COAGULATION, drug effects/ CARDIOVASCULAR DISEASES, complications/ CARDIOVASCULAR SYSTEM, drug effects/ ENGLISH ABSTRACT/ GASTROINTESTINAL SYSTEM, drug effects/ HUMAN/ LIVER, drug effects/ MALE/ SCHIZOPHRENIA, PARANOID, complications/ *SCHIZOPHRENIA, PARANOID, drug therapy/ THIOPROPERAZINE, pharmacodynamics/ *THIOPROPERAZINE, therapeutic use

8172. **Voegeli E, Saxer R:** Nierenhämatome bei Antikoagulantientherapie.
Fortschr Geb Roentgenstr Nuklearmed 117:187-91, Aug 72 (Ger)
ANGIOGRAPHY/ *COUMARINS, adverse effects/ ENGLISH ABSTRACT/ *HEMATOMA, chemically induced/ HEMATOMA, radiography/ HEMORRHAGE, chemically induced/ HUMAN/ KIDNEY, radiography/ *KIDNEY DISEASES, chemically induced/ KIDNEY DISEASES, radiography/ MALE/ MIDDLE AGE/ UROGRAPHY

8173. **Vogel CL, Primack A, Dhru D, et al:** Treatment of Kaposi's sarcoma with a combination of actinomycin D and vincristine. Results of a randomized clinical trial.
Cancer 31:1382-91, Jun 73
ADULT/ AGED/ DACTINOMYCIN, administration & dosage/ DACTINOMYCIN, adverse effects/ *DACTINOMYCIN, therapeutic use/ FEMALE/ HUMAN/ LEUKOPENIA, chemically induced/ MALE/ MIDDLE AGE/ REMISSION/ *SARCOMA, KAPOSI'S, drug therapy/ THROMBOPENIA, chemically induced/ VINCRISTINE, administration & dosage/ *VINCRISTINE, therapeutic use

8174. **Vogel G, Eger H, Zuber W, et al:** Beitrag zum klinischen Bild des Paget-von-Schroetter-Syndroms unter besonderer Berücksichtigung der thrombolytischen Therapie.
Dtsch Gesundheitsw 27:2020-4, 26 Oct 72 (Ger)
ADULT/ *AXILLARY VEIN/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ *INTERMITTENT CLAUDICATION, drug therapy/ MALE/ MIDDLE AGE/ SYNDROME/ *THROMBOPHLEBITIS, drug therapy

8175. **Vogel O, Henning U:** The subunit structure of the Escherichia coli K12 pyruvate-dehydrogenase complex. Dihydrolipoamide-dehydrogenase component.
Eur J Biochem 35:307-10, Jun 73
AMINO ACIDS, analysis/ CARBOXYPEPTIDASES/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *ESCHERICHIA COLI, enzymology/ *LIPOAMIDE DEHYDROGENASE, analysis/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ *MULTIENZYME COMPLEXES, analysis/ MYOCARDIUM, enzymology/ PEPTIDES, analysis/ PYRUVATE DEHYDROGENASE COMPLEX, analysis/ SODIUM DODECYL SULFATE/ SWINE/ TRYPSIN

8176. **Vogel W, Mittermayer C, Burchardi H, et al:** Spezielle respiratorische Probleme bei Polytraumatisierten.
Langenbecks Arch Chir 329:491-503, Dec 71 (Ger)
ADULT/ BLOOD GAS ANALYSIS/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ ENGLISH ABSTRACT/ GERMANY, WEST/ HUMAN/ INTENSIVE CARE UNITS/ LUNG, pathology/ MALE/ RESPIRATION, ARTIFICIAL/ RESPIRATORY DEAD SPACE/ RESPIRATORY INSUFFICIENCY, etiology/ *RESPIRATORY INSUFFICIENCY, physiopathology/ RESPIRATORY INSUFFICIENCY, therapy/ *SHOCK, TRAUMATIC, complications/ SPIROMETRY/ VENTILATION-PERFUSION RATIO/ WOUNDS AND INJURIES, complications

8177. **Vogelaar EF, Brummelhuis HG, Beentjes SP, et al:** Contributions to the optimal use of human blood. I. Analysis and optimalization of the production of plasma protein fraction (PPF).
Vox Sang 23:481-92, Dec 72
ALBUMINS/ ANTICOAGULANTS/ BLOOD PRESERVATION/ BLOOD PROTEINS, analysis/ *BLOOD PROTEINS, isolation & purification/ *BLOOD TRANSFUSION/ CENTRIFUGATION/ CITRATES/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HEMOGLOBINOMETRY/ HUMAN/ IMMUNOELECTROPHORESIS/

MOLECULAR WEIGHT/ POTASSIUM, blood/ SODIUM/ SODIUM, blood

8178. **Vogelaar EF, Brummelhuis HG, Beentjes SP, et al:** Contribution to the optimal use of human blood. I. Analysis and optimalization of the production of plasma protein fraction (PPF).
Vox Sang 22:481-92, Dec 72
ALBUMINS/ ANTICOAGULANTS/ BLOOD PRESERVATION/ BLOOD PROTEINS, analysis/ *BLOOD PROTEINS, isolation & purification/ *BLOOD TRANSFUSION/ CENTRIFUGATION/ CITRATES/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HEMOGLOBINOMETRY/ HUMAN/ IMMUNOELECTROPHORESIS/ MOLECULAR WEIGHT/ POTASSIUM, blood/ SODIUM/ SODIUM, blood

8179. **Vogtmann C:** Beziehungen zwischen plazentarer Transfusion und Blutviskosität beim Neugeborenen.
Zentralbl Gynaekol 94:1525-9, 11 Nov 72 (Ger)
ANOXIA/ *BLOOD VISCOSITY/ CESAREAN SECTION/ FEMALE/ HEMATOCRIT/ HUMAN/ INFANT, NEWBORN/ LABOR/ *MATERNAL-FETAL EXCHANGE/ METHODS/ PREGNANCY/ SCALP, blood supply/ TIME FACTORS/ UMBILICAL CORD, blood supply/ VEINS

8180. **Voigt W, Seltmann G:** Methode zur Trennung von Staphylokoagulase und Hämolysinen.
Z Allg Mikrobiol 12:493-5, 1972 (Ger)
CHROMATOGRAPHY, DEAE-CELLULOSE/ *COAGULASE, isolation & purification/ CULTURE MEDIA/ *HEMOLYSINS, isolation & purification/ METHODS/ STAPHYLOCOCCUS, enzymology

8181. **Volk BW, Wellmann KF:** Vascular changes accompanying dysmetabolism in rabbits.
Adv Metab Disord 2:Suppl 2:251-6, 1973
ALLOXAN DIABETES, complications/ ANIMAL EXPERIMENTS/ AORTA, pathology/ *ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, pathology/ CEREBRAL ARTERIES, pathology/ CHOLESTEROL, blood/ CORONARY VESSELS, pathology/ CORTISONE/ *DIABETIC ANGIOPATHIES, etiology/ DIABETIC ANGIOPATHIES, pathology/ *DIET, ATHEROGENIC/ DISEASE MODELS, ANIMAL/ *HYPERLIPEMIA, complications/ KIDNEY, pathology/ MICROSCOPY, ELECTRON/ MYOCARDIUM, pathology/ *PREDIABETIC STATE, chemically induced/ RABBITS

8182. **Völker H, Kurzweg W, Hölzel W, et al:** Zur Frage der Abhängigkeit der Blutzuckerkonzentration und Thrombozytenzahl von den 11-Hydroxykortikosteroiden beim Kalb.
Arch Exp Veterinaermed 26:173-82, 1972 (Ger)
ANIMAL EXPERIMENTS/ *BLOOD CELL COUNT, veterinary/ *BLOOD PLATELETS/ *BLOOD SUGAR/ *CATTLE/ CORTICOTROPIN, administration & dosage/ ENGLISH ABSTRACT/ *11-HYDROXYCORTICOSTEROIDS, blood/ INJECTIONS, INTRAMUSCULAR, veterinary/ INJECTIONS, INTRAVENOUS, veterinary/ PREDNISOLONE, administration & dosage/ SPECIES SPECIFICITY

8183. **Volkert WA, Ghiron CA:** The destruction of tryptophanyl residues in trypsin by 280-nm radiation.
Photochem Photobiol 17:9-16, Jan 73
PHOTOLYSIS/ RADIATION EFFECTS/ *TRYPSIN, radiation effects/ *TRYPTOPHAN, radiation effects/ *ULTRAVIOLET RAYS

8184. **Volkov MS:** Izmenenie proteoliticheskoĭ aktivnosti shchitovidnoĭ zhelezy posle vvedeniia glutaminovoĭ kisloty v norme i pri gipoksii.
Biol Nauki 4:39-41, 1971 (Rus)
ANIMAL EXPERIMENTS/ *ANOXIA, enzymology/ *GLUTAMATES, pharmacodynamics/ MALE/ *PEPTIDE HYDROLASES, metabolism/ RATS/ THYROID GLAND, drug effects/ *THYROID GLAND, enzymology/ TYROSINE

8185. **Volkov VS:** Nekotorye puti i metody povysheniia effektivnosti reabilitatsii bol'nykh, perenesshikh infarkt serdtsa.
Kardiologiia 12:110-4, Feb 72 (Rus)
ANTICOAGULANTS, therapeutic use/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ EXERCISE TEST/ EXERTION/ HUMAN/ METHODS/ MIDDLE AGE/ MYOCARDIAL INFARCT, drug therapy/ *MYOCARDIAL INFARCT, rehabilitation/ THROMBOEMBOLISM, prevention & control/ TIME FACTORS/ WORK

8186. **Vollhaber HH:** Lungenbiopsie.
Schweiz Med Wochenschr 102:1440-2, 14 Oct 72 (Ger)
*BIOPSY, NEEDLE/ BIOPSY, NEEDLE, adverse effects/ ENGLISH ABSTRACT/ HEMATOMA, etiology/ HUMAN/ *LUNG, pathology/ LUNG DISEASES, pathology/ LUNG NEOPLASMS, pathology/ MESOTHELIOMA, pathology/ METHODS/ PLEURAL DISEASES, pathology/ PLEURAL EFFUSION, etiology/ PNEUMOTHORAX, etiology

8187. **Vollmar J, Loeprecht H, Nadjafi AS:** Die akute V.-cava-inferior-Unterbrechung: Ligatur oder Rekonstruktion.
Munch Med Wochenschr 115:978-85, 25 May 73 (Ger)
ANURIA, etiology/ BLOOD VESSEL PROSTHESIS/ ENGLISH ABSTRACT/ HUMAN/ IATROGENIC DISEASE/ LIGATION/ MALE/ MIDDLE AGE/ NEPHRECTOMY, adverse effects/ RENAL VEINS/ STREPTOKINASE, therapeutic use/ THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, surgery/ *VENA CAVA, INFERIOR, injuries/ VENA CAVA, INFERIOR, radiography/ VENA CAVA, INFERIOR, surgery/ WOUNDS AND INJURIES, etiology

8188. **Volotovskiĭ ID, Voskresenskaia LG, Konev SV:** Vliianie konformatsionnoĭ labil'nosti belkov na ikh ul'trafioletovuiu fotochuvstvitel'nost.
Biofizika 17:581-7, Jul-Aug 72 (Rus)
ARGINASE, radiation effects/ ENGLISH ABSTRACT/ FLUORESCENCE/ PEPSIN, radiation effects/ PHOTOCHEMISTRY/ *PROTEIN CONFORMATION/ *PROTEINS, radiation effects/ RADIATION EFFECTS/ SUCROSE/ TEMPERATURE/ TRYPSIN, radiation effects/ TRYPTOPHAN, radiation effects/ *ULTRAVIOLET RAYS

8189. **Von Kaulla E, Von Kaulla KN:** Factor 8 activity in haemophilic plasma unmasked by synthetic organic anions. Nature [New Biol] 240:144-5, 29 Nov 72
BLOOD COAGULATION/ CARBOXYLIC ACIDS, pharmacodynamics/ CINNAMATES, pharmacodynamics/ *FACTOR VIII, analysis/ *FIBRINOLYTIC AGENTS, pharmacodynamics/ FLUFENAMIC ACID, pharmacodynamics/ *HEMOPHILIA, blood/ HUMAN/ SALICYLIC ACID, pharmacodynamics/ THIOPHENES, pharmacodynamics

8190. **Vopatová M, Vlčková M:** Použití Cohnova ADL-frakcionátoru pro izolaci krevních tělísek a příprava antihemofilického kryoproteinu z bezdestičkové plazmy.
Vnitr Lek 19:55-61, Jan 73 (Cze)
BLOOD PLATELETS/ *BLOOD PROTEINS, isolation & purification/ COLD/ ENGLISH ABSTRACT/ *FACTOR VIII, isolation & purification/ HUMAN/ METHODS/ PLATELET ADHESIVENESS

8191. **Vorberg G:** [Therapy of digestive insufficiencies using enzyme harongan]
Munch Med Wochenschr 114:1773-4, 13 Oct 72
ADULT/ AGED/ AMYLASE, therapeutic use/ CHRONIC DISEASE/ FEMALE/ *GASTROINTESTINAL DISEASES, drug therapy/ HUMAN/ *HYDROLASES, therapeutic use/ LIPASE, therapeutic use/ MALE/ MIDDLE AGE/ PEPTIDE HYDROLASES, therapeutic use/ PLANT EXTRACTS, therapeutic use/ *PLANTS, MEDICINAL

8192. **Vorkel' IaB, Meshcheriakova SA:** Opredelenie urogeparina. Lab Delo 7:411-2, 1972 (Rus)
DIALYSIS/ FEMALE/ *HEPARIN, urine/ HUMAN/ METHODS/ PHOTOMETRY/ PREGNANCY

8193. **Voronov IP:** Issledovanie svertyvaiushcheĭ i protivosvertyvaiushcheĭ sistem krovi u bol'nykh mochekamennoĭ bolezn'iu, oslozhnennoĭ pielonefritom, do i posle lecheniia na kurorte Truskavets.
Vrach Delo 7:18-21, Jul 72 (Rus)
*BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ *HEALTH RESORTS/ HUMAN/ MALE/ *PHYSICAL THERAPY/ *PYELONEPHRITIS, blood/ PYELONEPHRITIS, complications/ PYELONEPHRITIS, therapy/ *URINARY CALCULI, blood/ URINARY CALCULI, complications/ URINARY CALCULI, therapy/ USSR

8194. **Vorontsov OO, Franchuk AIu:** Hemokoahuliatsiia u novonarodzhenykh, shcho narodylysia v asfiksiï. Pediatr Akush Ginekol 3:48-50, May-Jun 72 (Ukr)
*ASPHYXIA NEONATORUM, blood/ *BLOOD COAGULATION/ HUMAN/ INFANT, NEWBORN

8195. **Vorontsova GV, Verchenko LI:** Vliianie geparina na gazovyi sostav krovi u bol'nykh khronicheskoi pnevmoniei.
Sov Med 35:82-5, Apr 72 (Rus)
ADULT/ *BLOOD GAS ANALYSIS/ CARBON DIOXIDE, blood/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ OXYGEN, blood/ *PNEUMONIA, blood/ PNEUMONIA, drug therapy

8196. **Vorotyntseva TI, Antonov VK:** Local and general conformational stability of chymotrypsin. II. Denaturation of urea. Mol Biol 6:49-51, Jan-Feb 72
ACRIDINES/ BINDING SITES/ *CHYMOTRYPSIN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ OPTICAL ROTATORY DISPERSION/ PROTEIN BINDING/ PROTEIN CONFORMATION/ *PROTEIN DENATURATION/ ULTRAVIOLET RAYS/ *UREA

8197. **Vorster C, Engel W, Wolter J:** Tierexperimentelle Untersuchungen zur isolierten Gallenblasennekrose.
Zentralbl Chir 97:1847-50, 23 Dec 72 (Ger)
ANIMAL EXPERIMENTS/ DOGS/ *GALLBLADDER DISEASES, etiology/ HUMAN/ *NECROSIS, etiology/ *SHWARTZMAN PHENOMENON, etiology/ WOUNDS AND INJURIES, complications

8198. **Vos O, Buurman WA, Ploemacher RE:** Mobilization of haemopoietic stem cells (CFU) into the peripheral blood of the mouse; effects of endotoxin and other compounds. Cell Tissue Kinet 5:467-79, Nov 72
ANIMAL EXPERIMENTS/ BEHAVIOR, ANIMAL/ BONE MARROW, cytology/ CELLS/ ENDOTOXINS, administration & dosage/ *ENDOTOXINS, pharmacodynamics/ ESCHERICHIA COLI, analysis/ FEMALE/ FEMUR, cytology/ *HEMATOPOIETIC STEM CELLS, drug effects/ LEUKOCYTE COUNT/ LIVER, cytology/ LUNG, cytology/ LYMPHOCYTES, drug effects/ MALE/ MICE/ MICE, INBRED C57BL/ MICE, INBRED CBA/ PEPTIDE HYDROLASES, pharmacodynamics/ SALMONELLA TYPHOSA, analysis/ SPLEEN, cytology/ SPLENECTOMY/ TIME FACTORS/ TRYPSIN, pharmacodynamics

8199. **Vosbeck KD, Chow KF, Awad WM Jr:** The proteolytic enzymes of the K-1 strain of Streptomyces griseus obtained from a commercial preparation (Pronase). Purification and characterization of the aminopeptidases. J Biol Chem 248:6029-34, 10 Sep 73
*AMINOPEPTIDASES, isolation & purification/ CALCIUM/ CATALYSIS/ CATIONS, DIVALENT/ CATTLE/ CHROMATOGRAPHY, AFFINITY/ CHROMATOGRAPHY, ION EXCHANGE/ DRUG STABILITY/ EDTA/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ GEL FILTRATION/ HEAT/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ POLYAMINES/ *PRONASE, analysis/ PROTEIN BINDING/ PROTEIN DENATURATION/ *STREPTOMYCES, enzymology/ STREPTOMYCES GRISEUS, enzymology/ TEMPERATURE/ TRYPSIN

8200. **Voss D, Fuchs G, Schneider D, et al:** Der Einfluss des oralen Antidiabetikums Glibornurid auf Blutgerinnung, Thrombozyten und Fibrinolyse.
Arzneim Forsch 22:Suppl 12A:2219, Dec 72 (Ger)
ADULT/ ANTIDIABETICS, adverse effects/ *ANTIDIABETICS, pharmacodynamics/ BLOOD CELL COUNT/ *BLOOD COAGULATION, drug effects/ *BLOOD PLATELETS, drug effects/ BORNANES, adverse effects/ BORNANES, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN/ *FIBRINOLYSIS, drug effects/ HUMAN/ MALE/ SULFONYLUREA COMPOUNDS, adverse effects/ *SULFONYLUREA COMPOUNDS, pharmacodynamics/ THROMBOPENIA, chemically induced

8201. **Voss D, Fuchs G, Schneider D, et al:** Der Einfluss des oralen Antidiabetikums Glibornurid auf Blutgerinnung, Thrombozytn und Fibrinolyse.
Arzneim Forsch 22:Suppl 12a:2219+, Dec 72 (Ger)
ADULT/ ANTIDIABETICS, adverse effects/ *ANTIDIABETICS, pharmacodynamics/ BLOOD CELL COUNT/ *BLOOD COAGULATION, drug effects/ *BLOOD PLATELETS, drug effects/ BORNANES, adverse effects/ BORNANES, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN/ *FIBRINOLYSIS, drug effects/ HUMAN/ MALE/ SULFONYLUREA COMPOUNDS, adverse effects/ *SULFONYLUREA COMPOUNDS, pharmacodynamics/ THROMBOPENIA, chemically induced

8202. **Vossough P:** Fever, thrombocytopenia, anemia, and multiple solid abdominal masses in an infant.
Clin Pediatr (Phila) 12:509, Aug 73
ANEMIA, etiology/ DIAGNOSIS, DIFFERENTIAL/ FEVER, etiology/ HUMAN/ INFANT/ MALE/ THROMBOPENIA, etiology/ *TUBERCULOSIS IN CHILDHOOD, diagnosis/ TUBERCULOSIS, LYMPH NODE, diagnosis/ *TUBERCULOSIS, MILIARY, diagnosis

8203. **Vossschulte K:** Professor Dr. med., Dr. rer. nat. h. c., Dr. rer. nat. h. c. E.K. Frey zum 85. Geburtstag.
Dtsch Med Wochenschr 98:1443, 27 Jul 73 (Ger)
CURRENT BIOG-OBIT/ GERMANY/ GERMANY, WEST/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ KALLIKREIN-TRYPSIN INACTIVATOR, history/ PANCREATITIS, history

8204. **Vroninks P, Remans J, Kahn MF, et al:** Les nécroses osseuses aseptiques du lupus érythémateux disséminé. A propos de 7 nouveaux cas.
Sem Hop Paris 48:3001-9, 14 Nov 72 (Fre)
ADOLESCENCE/ ADULT/ ARTERITIS, etiology/ ARTHRITIS, etiology/ *BONE DISEASES, etiology/ BONE DISEASES, surgery/ ENGLISH ABSTRACT/ FEMALE/ FEMUR/ *FEMUR HEAD NECROSIS, etiology/ FEMUR HEAD NECROSIS, radiography/ FEMUR HEAD NECROSIS, surgery/ FEVER, etiology/ HUMAN/ HUMERUS/ LE CELLS/ LUPUS ERYTHEMATOSUS, SYSTEMIC, blood/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ LUPUS ERYTHEMATOSUS, SYSTEMIC, diagnosis/ MALE/ METATARSUS/ MIDDLE AGE/ PERICARDITIS, etiology/ PURPURA, THROMBOPENIC, etiology/ SKIN MANIFESTATIONS/ TIBIA

8205. **Vroom FQ:** Stroke: malignant and benign syndromes.
South Med J 66:898-904, Aug 73
ANTICOAGULANTS, therapeutic use/ ASPIRIN, therapeutic use/ CAROTID ARTERY DISEASES, therapy/ CEREBRAL EMBOLISM AND THROMBOSIS, therapy/ CEREBRAL HEMORRHAGE, therapy/ CEREBRAL ISCHEMIA, TRANSIENT, therapy/

CEREBROVASCULAR DISORDERS, drug therapy/ CEREBROVASCULAR DISORDERS, etiology/ CEREBROVASCULAR DISORDERS, surgery/ *CEREBROVASCULAR DISORDERS, therapy/ DEXTRAN, therapeutic use/ HUMAN/ HYPERTENSION, complications/ PROGNOSIS/ SUBARACHNOID HEMORRHAGE, therapy/ SYNDROME

8206. **Vuopio P:** Veren immuunisairaudet.
Duodecim 89:205-17, 1973 **(Fin)**
ADULT/ AGAMMAGLOBULINEMIA, immunology/ AGRANULOCYTOSIS, chemically induced/ *AGRANULOCYTOSIS, immunology/ ANEMIA, HEMOLYTIC, chemically induced/ *ANEMIA, HEMOLYTIC, immunology/ *ANEMIA, HEMOLYTIC, AUTOIMMUNE, immunology/ ANTIBODY FORMATION/ ANTIGEN-ANTIBODY COMPLEX/ ANTIGENS/ BLOOD PLATELET DISORDERS, chemically induced/ *BLOOD PLATELET DISORDERS, immunology/ CHILD/ HEMOGLOBINURIA, PAROXYSMAL, immunology/ HUMAN/ INFANT, NEWBORN/ PURPURA, THROMBOPENIC, immunology/ PURPURA, THROMBOTIC THROMBOPENIC, immunology

W

8207. **Wack HO:** Prophylaxe und Therapie postoperativer Komplikationen in der Gefäßchirurgie.
Med Welt 24:240-1, 16 Feb 73 **(Ger)**
ANTICOAGULANTS, administration & dosage/ *ARTERIES, surgery/ FEMORAL ARTERY, surgery/ HUMAN/ ILIAC ARTERY, surgery/ POPLITEAL ARTERY, surgery/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PROGNOSIS/ THROMBOSIS, prevention & control/ *VASCULAR DISEASES, surgery

8208. **Waddell WR:** Chemotherapy for carcinoma of the pancreas. Surgery 74:420-9, Sep 73
ADULT/ AGED/ AUTOPSY/ BIOPSY/ *CARCINOMA, drug therapy/ CARCINOMA, mortality/ COMPARATIVE STUDY/ FEMALE/ FLUOROURACIL, therapeutic use/ HUMAN/ LAPAROTOMY/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ *PANCREATIC NEOPLASMS, drug therapy/ PANCREATIC NEOPLASMS, mortality/ SPIRONOLACTONE, therapeutic use/ TESTOLACTONE, therapeutic use/ WARFARIN, therapeutic use

8209. **Wadström T:** Separation of Australia antigen and some bacterial proteins by isoelectric focusing in polyacrylamide gels.
Ann NY Acad Sci 209:405-14, 15 Jun 73
ACRYLAMIDES/ *AUSTRALIA ANTIGEN, isolation & purification/ *BACTERIAL PROTEINS, isolation & purification/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GELS/ HEPATITIS, HOMOLOGOUS SERUM, blood/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ INDICATORS AND REAGENTS/ ISOELECTRIC FOCUSING, instrumentation/ PEPTIDE HYDROLASES/ STAPHYLOCOCCUS/ TIME FACTORS

8210. **Wadström T, Möllby R:** Some biological properties of purified staphylococcal haemolysins.
Toxicon 10:511-9, Aug 72
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, drug effects/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS/ FIBROBLASTS, drug effects/ HELA CELLS, drug effects/ HEMOLYSINS, isolation & purification/ *HEMOLYSINS, toxicity/ HUMAN/ IMMUNE SERUMS/ LETHAL DOSE 50/ LEUKOCYTE COUNT/ LEUKOCYTES, drug effects/ MICE/ MITOCHONDRIA/ MOLECULAR WEIGHT/ RABBITS/ *STAPHYLOCOCCUS

8211. **Wager O, Penttinen K, Tallgren LG:** Immuunikompleksit diagnostiikassa.
Duodecim 89:113-21, 1973 **(Fin)**
ANTIBODY FORMATION/ *ANTIGEN-ANTIBODY COMPLEX/ ANTIGEN-ANTIBODY REACTIONS/ ARTHRITIS, RHEUMATOID, diagnosis/ BINDING SITES, ANTIBODY/ BLOOD PLATELETS, immunology/ COMPLEMENT/ HEMOLYSIS/ HUMAN/ *IMMUNOLOGIC DISEASES, diagnosis/ IMMUNOLOGIC DISEASES, immunology/ LUPUS ERYTHEMATOSUS, SYSTEMIC, diagnosis/ PLATELET ADHESIVENESS/ RHEUMATOID FACTOR/ *SERODIAGNOSIS

8212. **Wagle SS, Houe DG:** Quantitative fluorometric determination of pancreatic lipase in pharmaceuticals. J Pharm Sci 62:990-3, Jun 73
FLUORESCEINS/ FLUOROMETRY/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ *LIPASE, analysis/ *PANCREAS, enzymology/ POTENTIOMETRY/ TEMPERATURE/ TIME FACTORS/ TRYPSIN

8213. **Wagner G, Vieweg H, Kühmstedt H:** Synthese antiproteolytisch wirksamer Ester von Guanidinobenzoesäuren und Guanidinomethylbenzoesäuren.
Pharmazie 28:293-6, May 73 **(Ger)**
ALCOHOLS/ ALKYLATION/ AMINES/ *BENZOATES, chem synthesis/ CARBODIIMIDES/ CHEMISTRY/ ESTERS/ GUANIDINES, chem synthesis/ HYDROCHLORIC ACID/ PEPTIDE HYDROLASES, antagonists & inhibitors/ SERINE

8214. **Wagner G, Vieweg H, Kühmstedt H:** Synthese antiproteolytisch wirksamer Amidinobenzoesäure- und Amidinobenzolsulfonsäureester.
Pharmazie 28:288-92, May 73 **(Ger)**
AMIDINES, chem synthesis/ AMMONIA/ *BENZOATES, chem synthesis/ BENZYL COMPOUNDS/ CHEMISTRY/ CYANIDES/ ESTERS/ IMIDES/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PHENOLS/ SERINE/ SULFONIC ACIDS, chem synthesis

8215. **Wagner GG, Cowan KM, McVicar JW:** Screening of sera for antibodies to foot-and-mouth disease viral antigens by radial immunodiffusion.
Infect Immun 5:227-31, Feb 72
ANIMAL EXPERIMENTS/ *ANTIBODIES, VIRAL, analysis/ ANTIGEN-ANTIBODY REACTIONS/ *ANTIGENS, VIRAL, analysis/ BLOOD COAGULATION/ CATTLE/ CELLS, CULTURED/ CLONE CELLS/ *FOOT-AND-MOUTH DISEASE VIRUS, immunology/ GEL DIFFUSION TESTS/ HAMSTERS/ KIDNEY/ PRECIPITIN TESTS/ VIRUS CULTIVATION

8216. **Wagner JC:** Etiological factors in complicated coal workers' pneumoconiosis.
Ann NY Acad Sci 200:401-4, 29 Dec 72
ABSORPTION/ AUTOPSY/ CALCIUM, analysis/ CHONDROITIN, analysis/ COAL/ COAL, analysis/ *COAL MINING/ COLLAGEN, analysis/ DNA, analysis/ FIBRINOGEN, analysis/ HUMAN/ HYALURONIC ACID, analysis/ IGA, analysis/ IGA, metabolism/ IGG, analysis/ IGG, metabolism/ IGM, metabolism/ LUNG, pathology/ MICROSCOPY, ELECTRON/ *PNEUMOCONIOSIS, etiology/ PNEUMOCONIOSIS, pathology/ PROTEINS, analysis/ RHEUMATOID FACTOR, metabolism

8217. **Wagner O, Piza F, Müller-Hartburg W:** Zur chirurgischen Therapie der Beckenvenenthrombose in der Schwangerschaft.
Wien Klin Wochenschr 85:17-9, 12 Jan 73 **(Ger)**
ADULT/ ANIMAL EXPERIMENTS/ BLOOD CIRCULATION/ BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ *FEMORAL VEIN, surgery/ GESTATIONAL AGE/ *ILIAC VEIN, surgery/ *PELVIS, blood supply/ PREGNANCY/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, surgery/ PUERPERIUM/ *THROMBOPHLEBITIS, surgery/ VENOUS PRESSURE

8218. **Wagner WD, Clarkson TB:** Slowly miscible cholesterol pools in progressing and regressing atherosclerotic

aortas. Proc Soc Exp Biol Med 143:804-9, Jul 73
ANIMAL EXPERIMENTS/ *AORTA, metabolism/ *ARTERIOSCLEROSIS, metabolism/ *CHOLESTEROL, metabolism/ DIET, ATHEROGENIC/ ELASTIN, metabolism/ PIGEONS/ TRITIUM

8219. **Wagstaffe JG, Clarke AD, Jackson PW:** Reduction of blood loss by restoration of platelet levels using fresh autologous blood after cardiopulmonary bypass. Thorax 27:410-4, Jul 72
BLOOD CELL COUNT/ *BLOOD PLATELETS/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION, AUTOLOGOUS/ CITRATES/ *EXTRACORPOREAL CIRCULATION/ GLUCOSE/ *HEMORRHAGE, prevention & control/ HEPARIN, therapeutic use/ HUMAN/ METHODS/ THROMBOPENIA, prevention & control

8220. **Waheed A, Salahuddin A:** Studies on ovomucoid: hydrogen ion equilibrium in the acid pH range. Biochem J 128:49P, Jun 72
CHROMATOGRAPHY, DEAE-CELLULOSE/ *GLYCOPROTEINS/ HYDROGEN-ION CONCENTRATION/ TRYPSIN INHIBITORS

8221. **Waindle LM, Switzer RL:** Inactivation of aspartic transcarbamylase in sporulating Bacillus subtilis: demonstration of a requirement for metabolic energy. J Bacteriol 114:517-27, May 73
ADENOSINE TRIPHOSPHATE, biosynthesis/ *ASPARTATE CARBAMOYL TRANSFERASE, metabolism/ *BACILLUS SUBTILIS, enzymology/ BACILLUS SUBTILIS, growth & development/ BACILLUS SUBTILIS, metabolism/ CARBON ISOTOPES/ CELL-FREE SYSTEM/ CHLORAMPHENICOL, pharmacodynamics/ ENZYME REPRESSION/ FLUOROACETATES, pharmacodynamics/ GLUCONATES, metabolism/ HYDROGEN-ION CONCENTRATION/ KREBS CYCLE/ MUTATION/ OXYGEN CONSUMPTION/ PEPTIDE HYDROLASES, biosynthesis/ RIFAMPIN, pharmacodynamics/ *SPORES, enzymology/ SPORES, BACTERIAL, enzymology/ SPORES, BACTERIAL, growth & development/ SPORES, BACTERIAL, metabolism/ UNCOUPLING AGENTS, pharmacodynamics

8222. **Waite MA:** Measurement of concentrations of angiotensin I in human blood by radioimmunoassay. Clin Sci 45:51-64, Jul 73
ALCOHOL, ETHYL/ ALPHA GLOBULIN/ *ANGIOTENSIN, blood/ ANGIOTENSIN AMIDE/ ARTERIES/ BLOOD PRESERVATION/ BLOOD SPECIMEN COLLECTION/ CHROMATOGRAPHY, ION EXCHANGE/ CHRONIC DISEASE/ HUMAN/ IMMUNIZATION/ IODINE ISOTOPES/ KIDNEY FAILURE, CHRONIC, blood/ KIDNEY FAILURE, CHRONIC, surgery/ METHODS/ NEPHRECTOMY/ PRECIPITATION/ RABBITS, immunology/ RADIOIMMUNOASSAY/ RENIN/ VEINS

8223. **Wajcman H, Belkhodja O, Labie D:** Hb Setif: G1 (94) Asp-Tyr. A new chain hemoglobin variant with substitution of the residue involved in hydrogen bond between unlike subunits.
FEBS Lett 27:298-300, 1 Nov 72
ALGERIA/ AMINO ACIDS, analysis/ ASPARTIC ACID/ AUTOANALYSIS/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN LAYER/ ELECTROPHORESIS, STARCH GEL/ *HEMOGLOBINS, ABNORMAL, analysis/ HUMAN/ PEPTIDES, analysis/ PROTEIN CONFORMATION/ TRYPSIN/ TYROSINE

8224. **Wajcman H, Labie D, Schapira G:** Two new hemoglobin variants with deletion. Hemoglobin tours: Thr 8 7 (F 3) deleted and hemoglobin St Antoine: Gly-Leu 74-75 (E 18-19 deleted. Consequences for oxygen affinity and protein stability.
Biochim Biophys Acta 295:495-504, 21 Feb 73
ALKYLATION/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BINDING SITES/ CHROMATOGRAPHY, ION EXCHANGE/ DANSYL COMPOUNDS/ DRUG STABILITY/ ELECTROPHORESIS, STARCH GEL/ GLYCINE/ HEAT/ *HEMOGLOBINS, ABNORMAL, analysis/ HEMOGLOBINS, ABNORMAL, isolation & purification/ HETEROZYGOTE/ HUMAN/ LEUCINE/ OXYGEN/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PROTEIN BINDING/ THREONINE/ TRYPSIN

8225. **Walbaum S, Biguet J:** Les extraits antigèniques de Micropolyspora faeni. Influence de divers facteurs sur leur qualitè; ètude d'un extrait total prèparè dans des conditions optimales.
Rev Immunol (Paris) 36:145-54, Jul-Sep 72 (Fre)
*ACTINOMYCES, immunology/ ACTINOMYCES, metabolism/ *ANTIGENS/ ANTIGENS, analysis/ CELLS, CULTURED/ CHYMOTRYPSIN, analysis/ CULTURE MEDIA/ ENGLISH ABSTRACT/ ENZYMES, analysis/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ METHODS/ NITROGEN, analysis/ TEMPERATURE/ TIME FACTORS

8226. **Waldman AA, Goldstein J:** Inhibition by heparin of globin messenger rbinucleic acid translation in a mammalian cell-free system.
Biochemistry 12:2706-11, 3 Jul 73
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *CARCINOMA, KREBS 2, metabolism/ CELL-FREE SYSTEM/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, ION EXCHANGE/ DEXTRAN, pharmacodynamics/ FEMALE/ GEL FILTRATION/ GLOBIN/ *HEPARIN, pharmacodynamics/ KINETICS/ LEUCINE/ MICE/ NEOPLASM PROTEINS, biosynthesis/ RABBITS/ *RNA, MESSENGER, metabolism/ TIME FACTORS/ *TRANSLATION, GENETIC, drug effects/ TRITIUM

8227. **Waldman RH, Bencic Z, Sinha R, et al:** Cholera immunology. II. Serum and intestinal secretion antibody response after naturally occurring cholera.
J Infect Dis 126:401-7, Oct 72
ADULT/ *ANTIBODIES, BACTERIAL/ ANTIBODY FORMATION/ AZIDES, pharmacodynamics/ BACTERIOLOGICAL TECHNICS/ BACTERIOLYSIS/ *CHOLERA, immunology/ DIARRHEA, immunology/ FECES, microbiology/ GEL DIFFUSION TESTS/ HEMAGGLUTINATION TESTS/ HUMAN/ IGA, analysis/ IGG, analysis/ IMMUNE SERUMS/ *INTESTINAL SECRETIONS, immunology/ INTESTINAL SECRETIONS, microbiology/ IODINE ISOTOPES/ MALE/ TRYPSIN INHIBITORS, pharmacodynamics

8228. **Waldvogel FA, Jeannet M, Rudolf H, et al:** Infiltrats pulmonaires par leuco-agglutinines.
Rev Tuberc Pneumol (Paris) 36:952-7, Sep-Oct 72 (Fre)
ADULT/ *AGGLUTININS/ ANGIOMATOSIS, therapy/ ANTILYMPHOCYTE SERUM/ *BLOOD TRANSFUSION, adverse effects/ ENGLISH ABSTRACT/ HISTOCOMPATIBILITY TESTING/ HUMAN/ ISOANTIGENS/ *LEUKOCYTES, immunology/ *LUNG DISEASES, etiology/ LYMPHOCYTES, immunology/ MALE/ *PULMONARY EDEMA, etiology

8229. **Walewska I:** Zespół immunologicznej skazy małopłytkowej poprzetoczeniowej.
Acta Haematol Pol 2:259-64, Jul-Sep 71 (34 ref.) (Pol)
ADULT/ AGED/ ANTIBODIES, analysis/ ANTIBODY SPECIFICITY/ ANTIGEN-ANTIBODY REACTIONS/ AUTOANTIBODIES/ AUTOIMMUNE DISEASES/ BLOOD GROUPS/ BLOOD PLATELETS, immunology/ *BLOOD TRANSFUSION, adverse effects/ DRUG HYPERSENSITIVITY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ IMMUNIZATION/ INFANT, NEWBORN/ ISOANTIBODIES/ ISOANTIGENS/ MALE/ MATERNAL-FETAL EXCHANGE/ MIDDLE AGE/ PREGNANCY/ PURPURA, THROMBOPENIC, etiology/ *PURPURA, THROMBOPENIC, immunology/

REVIEW/ SEX FACTORS/ SYNDROME/ TIME FACTORS

8230. **Walewska I, Rechowicz K, Kotelba-Witkowska B, et al:** Badania immunohematologiczne w małopłytkowościach samoistnych.
Acta Haematol Pol 2:203-11, Jul-Sep 71 (Pol)
ADULT/ AUTOANTIBODIES, analysis/ BLOOD PLATELETS, immunology/ BLOOD TRANSFUSION/ CHILD/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ ISOANTIBODIES/ MALE/ PREGNANCY/ REMISSION/ SPLENECTOMY/ *THROMBOPENIA/ THROMBOPENIA, blood/ THROMBOPENIA, diagnosis/ THROMBOPENIA, immunology

8231. **Walike JW, Mackay B:** Management of nasopharyngeal angiofibroma.
Trans Am Acad Ophthalmol Otolaryngol 76:1346-53, Sep-Oct 72
ADOLESCENCE/ ANGIOGRAPHY/ ANGIOMA, SCLEROSING, drug therapy/ ANGIOMA, SCLEROSING, pathology/ ANGIOMA, SCLEROSING, radiography/ ANGIOMA, SCLEROSING, surgery/ *ANGIOMA, SCLEROSING, therapy/ CAROTID ARTERIES, radiography/ DIETHYLSTILBESTROL, administration & dosage/ DIETHYLSTILBESTROL, therapeutic use/ HUMAN/ MALE/ MICROSCOPY, ELECTRON/ NASOPHARYNGEAL NEOPLASMS, drug therapy/ NASOPHARYNGEAL NEOPLASMS, pathology/ NASOPHARYNGEAL NEOPLASMS, radiography/ NASOPHARYNGEAL NEOPLASMS, surgery/ *NASOPHARYNGEAL NEOPLASMS, therapy

8232. **Walker DF:** Diagnosis of infertility in the bull.
J Am Vet Med Assoc 161:1288-90, 1 Dec 72
ADHESIONS/ ANIMAL EXPERIMENTS/ CATTLE/ *CATTLE DISEASES, diagnosis/ COITUS/ EJACULATION/ FEMALE/ MALE/ METHODS/ PENILE DISEASES, diagnosis/ PENILE DISEASES, veterinary/ PENIS, physiology/ STERILITY, MALE, diagnosis/ *STERILITY, MALE, veterinary

8233. **Walker IR, Ali MA:** Hemoglobin abnormalities in neoplastic hematological disorders.
Can Med Assoc J 108:843-7, 7 Apr 73
ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ ELECTROPHORESIS, STARCH GEL/ FEMALE/ FETAL HEMOGLOBIN, analysis/ *HEMOGLOBIN, analysis/ HEMOGLOBIN H, analysis/ HUMAN/ *LEUKEMIA, blood/ LEUKEMIA, LYMPHOBLASTIC, blood/ LEUKEMIA, LYMPHOCYTIC, blood/ LEUKEMIA, MONOBLASTIC, blood/ LEUKEMIA, MYELOBLASTIC, blood/ LEUKEMIA, MYELOCYTIC, blood/ MALE/ MIDDLE AGE/ MYELOPROLIFERATIVE DISORDERS, blood/ POLYCYTHEMIA VERA, blood/ THROMBOCYTOSIS, blood

8234. **Walker JE, Keil B:** Purification and characterisation of different active forms of pork trypsin.
Eur J Biochem 32:486-91, 1 Feb 73
AMINO ACIDS, analysis/ CARBOXYPEPTIDASES/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ LYSINE/ MOLECULAR WEIGHT/ OXIDATION-REDUCTION/ SERINE/ SODIUM DODECYL SULFATE/ SWINE/ *TRYPSIN/ TRYPSIN, isolation & purification

8235. **Walker KZ, Schoefl GI, Lafferty KJ, et al:** Pathogenesis of the graft-versus-host reaction in chicken embryos. The development of haemorrhagic lesions.
Aust J Exp Biol Med Sci 51:93-107, Feb 73
ACID PHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BLOOD VESSELS, pathology/ CHICK EMBRYO/ CHICKENS/ ENDOTHELIUM, pathology/ GLUCOSAMINIDASE, blood/ GLUCURONIDASE, blood/ *GRAFT VS HOST REACTION/ HEMORRHAGE, enzymology/ *HEMORRHAGE, immunology/ HEMORRHAGE, pathology/ HINDLIMB, blood supply/ INJECTIONS, INTRAVENOUS/ LEUKOCYTES, transplantation/ LYSOSOMES, enzymology/ MICROSCOPY, ELECTRON/ RIBONUCLEASE, blood/ SPLEEN, pathology/ TOES, blood supply/ TRANSPLANTATION, HOMOLOGOUS

8236. **Walker LG Jr:** Carrel's direct transfusion of a five day old infant. Surg Gynecol Obstet 137:494-6, Sep 73
BLOOD DONORS/ *BLOOD TRANSFUSION, history/ *HEMORRHAGIC DISEASE OF NEWBORN, therapy/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ INFANT, NEWBORN/ LEGISLATION, MEDICAL/ NEW YORK CITY/ VIVISECTION

8237. **Walker SM, Lucas ZJ:** Cytotoxic activity of lymphocytes. I. Assay for cytotoxicity by rubidium exchange at isotopic equilibrium.
J Immunol 109:1223-32, Dec 72
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ CELLS, CULTURED/ *CYTOTOXICITY TESTS, IMMUNOLOGIC/ DNA, metabolism/ FIBROBLASTS, immunology/ HELA CELLS, immunology/ HISTIOCYTES, immunology/ HUMAN/ *LYMPHOCYTES, immunology/ MICE/ *POTASSIUM, metabolism/ RADIOISOTOPES/ RATS/ *RUBIDIUM, metabolism/ TRYPSIN, pharmacodynamics

8238. **Walker WF:** Atherosclerosis.
Physiotherapy 58:328-31, Oct 72
*ARTERIOSCLEROSIS/ CHOLESTEROL, blood/ CHOLESTEROL, DIETARY/ DIABETES MELLITUS/ DIET, ATHEROGENIC/ EXERTION/ HUMAN/ HYPERTENSION, complications/ OBESITY, complications/ SMOKING

8239. **Walker WJ, Mundall SL, Broderick HG, et al:** Systemic heparinization for femoral percutaneous coronary arteriography. N Engl J Med 288:826-8, 19 Apr 73
*ANGIOGRAPHY/ ANGIOGRAPHY, adverse effects/ AORTA, ABDOMINAL/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ CATHETERIZATION/ *CORONARY VESSELS, radiography/ EMBOLISM, etiology/ FEMORAL ARTERY/ *HEPARIN, administration & dosage/ HEPARIN, pharmacodynamics/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, INTRA-ARTERIAL/ INTESTINAL OBSTRUCTION, etiology/ METHODS/ MYOCARDIAL INFARCT, etiology/ NEUROLOGIC MANIFESTATIONS/ *THROMBOEMBOLISM, prevention & control/ THROMBOSIS, etiology

8240. **Walker-Smith J, Andrews J:** Alpha-1-antitrypsin, autism, and coeliac disease. Lancet 2:883-4, 21 Oct 72
*AUTISM, etiology/ *CELIAC DISEASE, etiology/ CHILD/ HUMAN/ *METABOLISM, INBORN ERRORS, complications/ *TRYPSIN INHIBITORS, blood

8241. **Walker-Smith JA:** Exocrine pancreatic disease in childhood. Med J Aust 1:704-8, 7 Apr 73
AMYLASE, metabolism/ AUTOPSY/ BONE MARROW DISEASES, complications/ CHILD, PRESCHOOL/ COPPER, blood/ ENZYME TESTS/ FEMALE/ HUMAN/ INFANT/ KWASHIORKOR, pathology/ LIPASE, metabolism/ MALE/ METABOLISM, INBORN ERRORS, diagnosis/ PANCREAS, pathology/ *PANCREATIC DISEASES/ PANCREATIC DISEASES, complications/ PANCREATIC DISEASES, diagnosis/ PANCREATIC DISEASES, etiology/ PANCREATIC DISEASES, pathology/ PANCREATITIS, blood/ PANCREATITIS, pathology/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ TRYPSINOGEN, metabolism/ ZINC, blood

8242. **Wallace HW, Asher WJ, Li NN:** Liquid-liquid oxygenation: a new approach.
Trans Am Soc Artif Intern Organs 19:80-6, 1973
BLOOD CELL COUNT/ BLOOD PLATELETS/

CARBON DIOXIDE, blood/ CHOLESTEROL, blood/ ELECTROLYTES, blood/ ERYTHROCYTE COUNT/ FATTY ACIDS, NONESTERIFIED, blood/ *FLUOROCARBON POLYMERS/ *HEART, MECHANICAL/ HEMATOCRIT/ HEMOGLOBIN, analysis/ HUMAN/ LEUKOCYTE COUNT/ *MEMBRANES, ARTIFICIAL, instrumentation/ OXYGEN, blood/ OXYGENATORS, MEMBRANE, instrumentation/ PHOSPHOLIPIDS, blood/ TEMPERATURE/ TRIGLYCERIDES, blood

8243. **Wallach JD:** Surgical techniques for cage birds.
Vet Clin N Amer 3:229-36, May 73
AMPUTATION/ ANIMAL EXPERIMENTS/ *BIRD DISEASES, surgery/ BIRDS/ CROP, AVIAN/ EYE INJURIES, veterinary/ FEMALE/ FOREIGN BODIES, veterinary/ HEMOSTASIS/ MALE/ METHODS/ MOUTH NEOPLASMS, veterinary/ OVARIAN NEOPLASMS, veterinary/ OVIDUCTS/ PAPILLOMA, veterinary/ PREOPERATIVE CARE/ SINUSITIS, veterinary/ SKIN NEOPLASMS, veterinary/ SURGICAL INSTRUMENTS/ TESTICULAR NEOPLASMS, veterinary

8244. **Wallenburg HC:** Chorioangioma placentae en hydramnion.
Ned Tijdschr Geneeskd 116:2135-40, 18 Nov 72 (Dut)
ADULT/ ANGIOMATOSIS, complications/ ARTERIOVENOUS MALFORMATIONS/ FEMALE/ HUMAN/ *HYDRAMNIOS, etiology/ *PLACENTA DISORDERS, complications/ PREGNANCY

8245. **Wallenburg HC, Stolte LA, Janssens J:** The pathogenesis of placental infarction. I. A morphologic study in the human placenta.
Am J Obstet Gynecol 116:835-40, 15 Jul 73
*ARTERIAL OCCLUSIVE DISEASES, complications/ ERYTHROCYTES/ FEMALE/ FIBRIN, analysis/ HUMAN/ *INFARCTION, etiology/ INFARCTION, pathology/ LEUKOCYTES/ NECROSIS/ *PLACENTA, blood supply/ PLACENTA, pathology/ PREGNANCY/ THROMBOSIS, etiology/ THROMBOSIS, pathology

8246. **Wallis M:** The pKa values of the -amino groups of peptides derived from the N-terminus of bovine growth hormone.
Biochim Biophys Acta 310:388-97, 15 Jun 73
ALKYLATION/ AMINES/ AMINO ACIDS, analysis/ AUTORADIOGRAPHY/ CARBON ISOTOPES/ CATTLE/ CHEMISTRY/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN/ ELECTROPHORESIS, PAPER/ FORMIC ACIDS/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ IODOACETATES/ MATHEMATICS/ OXIDATION-REDUCTION/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ *SOMATOTROPIN/ SOMATOTROPIN, analysis

8247. **Wallnöfer H, Hanusch M:** Behandlung der chronischen Hepatitis mit Immunosuppressiva und D-Penicillamin.
Wien Med Wochenschr 123:402-8, 23 Jun 73 (Ger)
AGRANULOCYTOSIS, chemically induced/ AZATHIOPRINE, adverse effects/ *AZATHIOPRINE, therapeutic use/ CHRONIC DISEASE/ CLINICAL RESEARCH/ DRUG HYPERSENSITIVITY/ FEMALE/ GASTROINTESTINAL DISEASES, chemically induced/ HEPATIC COMA, chemically induced/ *HEPATITIS, drug therapy/ HUMAN/ LUPUS ERYTHEMATOSUS, SYSTEMIC, chemically induced/ MALE/ MIDDLE AGE/ NEPHROTIC SYNDROME, chemically induced/ PENICILLAMINE, adverse effects/ *PENICILLAMINE, therapeutic use/ PROTEINURIA, chemically induced/ SEASONS/ THROMBOPENIA, chemically induced

8248. **Wallow IH, Tso MO:** Repair after xenon arc photocoagulation. 2. A clinical and light microscopic study of the evolution of retinal lesions in the rhesus monkey. Am J Ophthalmol 75:610-26, Apr 73
ADHESIONS/ ANIMAL EXPERIMENTS/ CHOROID, pathology/ EPITHELIAL CELLS/ FLUORESCENCE ANGIOGRAPHY/ FUNDUS OCULI/ *LASER COAGULATION, adverse effects/ MACACA/ MICROSCOPY/ MONKEYS/ OPHTHALMOSCOPY/ *RETINA, injuries/ RETINA, pathology/ RETINAL PIGMENTS, analysis/ *XENON

8249. **Walsh PN:** Platelet washing by albumin density gradient separation (ADGS).
Adv Exp Med Biol 34:245-56, 1972
ANIMAL EXPERIMENTS/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ *BLOOD PLATELETS/ CELL SEPARATION/ *CENTRIFUGATION, DENSITY GRADIENT/ HUMAN/ PHOSPHOLIPIDS, analysis/ PLATELET ADHESIVENESS/ *SERUM ALBUMIN, BOVINE/ SNAKES/ VENOMS

8250. **Walsh PN:** Platelet coagulant activities in thrombasthenia. Br J Haematol 23:553-69, Nov 72
ADOLESCENCE/ ADULT/ BLOOD COAGULATION/ BLOOD COAGULATION DISORDERS, congenital/ *BLOOD PLATELET DISORDERS, physiopathology/ BLOOD PLATELETS, drug effects/ CHILD/ CHILD, PRESCHOOL/ COLLAGEN/ FACTOR X, analysis/ FACTOR XII, analysis/ FEMALE/ HUMAN/ MALE/ PHOSPHOLIPIDS, blood/ PLATELET ADHESIVENESS/ SURFACE PROPERTIES

8251. **Walsh PN:** The role of platelets in blood coagulation. Possible significance for hemostasis.
Medicina (B Aires) 33:163-80, Mar-Apr 73 (Rus)
*BLOOD COAGULATION/ BLOOD COAGULATION FACTORS, physiology/ *BLOOD PLATELETS, physiology/ ENGLISH ABSTRACT/ *HEMOSTASIS/ HUMAN/ PLATELET ADHESIVENESS

8252. **Walsh PN, Rizza CR, McLennan R:** Clinically mild thrombasthenia with normal platelet coagulant activities. Thromb Diath Haemorrh 28:440-6, 31 Dec 72
ADENOSINE DIPHOSPHATE/ ADULT/ BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ *BLOOD PLATELET DISORDERS, congenital/ BLOOD PLATELET DISORDERS, diagnosis/ BLOOD PLATELET DISORDERS, physiopathology/ *BLOOD PLATELETS, physiology/ CLOT RETRACTION/ COLLAGEN/ FACTOR X, analysis/ FEMALE/ HUMAN/ PEDIGREE/ PLATELET ADHESIVENESS/ THROMBOPLASTIN, analysis

8253. **Walsmann P:** Beeinflussung der Thrombinaktivität durch synthetische Inhibitoren der Serinproteinasen.
Folia Haematol (Leipz) 98:471-82, 1972 (Ger)
*AMIDINES, pharmacodynamics/ AMINES, pharmacodynamics/ ANTITHROMBIN, chem synthesis/ *ANTITHROMBIN, pharmacodynamics/ BENZOATES/ BENZOATES, pharmacodynamics/ BINDING SITES/ CHEMISTRY/ ESTERS/ GUANIDINES, pharmacodynamics/ *PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ SERINE/ THROMBIN, metabolism/ TOLUENE, pharmacodynamics

8254. **Walsmann P, Richter M, Markwardt F:** Inaktivierung von Trypsin und Thrombin durch 4-Amidinobenzolsulfofluorid und 4-(2-Aminoäthyl)-benzolsulfofluorid.
Acta Biol Med Ger 28:577-85, 1972 (Ger)
AMIDINES/ *ANTITHROMBIN/ CATTLE/ ENGLISH ABSTRACT/ *FLUORIDES/ HIRUDIN/ HYDROFLUORIC ACID/ HYDROGEN-ION CONCENTRATION/ METHODS/ TIME FACTORS/ *TRYPSIN INHIBITORS

8255. **Walt SJ van der:** Studies of puff adder (Bitis arietans) venom. IV. Association of protease A.
Hoppe Seylers Z Physiol Chem 353:1217-27, Aug 72
COMPUTERS, DIGITAL/ HYDROGEN-ION CONCENTRATION/ MODELS, CHEMICAL/ MOLECULAR WEIGHT/ OSMOLAR

CONCENTRATION/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, isolation & purification/ PROTEIN CONFORMATION/ *SNAKES/ TEMPERATURE/ ULTRACENTRIFUGATION/ *VENOMS/ VENOMS, analysis

8256. **Walt SJ van der, Joubert FJ:** Studies on puff adder (Bitis arietans) venom. II. Specificity of protease A. Toxicon 10:341-9, Jun 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ CHROMATOGRAPHY/ CYTOCHROMES, analysis/ HYDROLYSIS/ *PEPTIDE HYDROLASES/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ RIBONUCLEASE, analysis/ *SNAKES/ *VENOMS, analysis

8257. **Walt SJ van der, Joubert FJ:** Studies on puff adder (Bitis arietans) venom. 3. Ultracentrifuge and ORD studies on protease A. Toxicon 10:351-6, Jun 72
ANIMAL EXPERIMENTS/ GUANIDINES/ HYDROGEN-ION CONCENTRATION/ OPTICAL ROTATORY DISPERSION/ *PEPTIDE HYDROLASES, analysis/ PROTEIN DENATURATION/ *SNAKES/ ULTRACENTRIFUGATION/ *VENOMS, analysis

8258. **Walter A:** Disseminated intravascular coagulation in the respiratory distress syndrome of the new born: an autopsy study. Indian J Med Res 60:1267-71, Sep 72
ADRENAL GLANDS, pathology/ AUTOPSY/ BLOOD VESSELS, pathology/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ HEMORRHAGE, pathology/ HUMAN/ INFANT, NEWBORN/ LIVER, pathology/ LUNG, blood supply/ *RESPIRATORY DISTRESS SYNDROME, complications/ RESPIRATORY DISTRESS SYNDROME, pathology/ THROMBOSIS, pathology

8259. **Walter H, Sasakawa S, Albertsson PA:** Cross-partition of proteins. Effect of ionic composition and concentration. Biochemistry 11:3880-3, 10 Oct 72
CATTLE/ CHICKENS/ CHLORIDES/ *CYTOCHROME C/ DEXTRAN/ GLYCOLS/ *HEMOGLOBIN/ HORSES/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LITHIUM/ OSMOLAR CONCENTRATION/ *OVALBUMIN/ PANCREAS, enzymology/ POLYETHYLENES/ POTASSIUM/ POTASSIUM CHLORIDE/ *RIBONUCLEASE/ SODIUM/ SODIUM CHLORIDE/ SOLUBILITY/ SULFATES/ *TRYPSIN

8260. **Walters TR, Koch HF:** Hemorrhagic diathesis and cystic fibrosis in infancy.
Am J Dis Child 124:641-2, Nov 72
*CYSTIC FIBROSIS, complications/ CYSTIC FIBROSIS, diagnosis/ CYSTIC FIBROSIS, drug therapy/ DIET/ FEMALE/ HEMOGLOBIN/ *HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ HYPOPROTHROMBINEMIAS, etiology/ INFANT/ MALABSORPTION SYNDROMES, complications/ MALE/ PROTHROMBIN TIME/ VITAMIN K, therapeutic use/ VITAMIN K DEFICIENCY, drug therapy/ *VITAMIN K DEFICIENCY, etiology

8261. **Waltl H, Födisch HJ, Kurz R, et al:** Intracranial haemorrhage in low-birth-weight infants and prophylactic administration of coagulation-factor concentrate. Lancet 1:1284-6, 9 Jun 73
AGE FACTORS/ BIRTH WEIGHT/ BLOOD CELL COUNT/ *BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CEREBRAL HEMORRHAGE, mortality/ *CEREBRAL HEMORRHAGE, prevention & control/ CLINICAL RESEARCH/ FACTOR VII, therapeutic use/ FACTOR IX, therapeutic use/ FACTOR X, therapeutic use/ HEMOSTATICS, administration & dosage/ *HEMOSTATICS, therapeutic use/ HUMAN/ INFANT, NEWBORN/ *INFANT, PREMATURE, DISEASES, prevention & control/ INJECTIONS, INTRAVENOUS/ PROSPECTIVE STUDIES

8262. **Waltl H, Pistoja F, Kurz R:** Der Thrombotest in den ersten Lebenstagen.
Paediatr Paedol 7:336-43, 1972 (Ger)
AGE FACTORS/ BLOOD COAGULATION DISORDERS, prevention & control/ ENGLISH ABSTRACT/ GESTATIONAL AGE/ HUMAN/ INDICATORS AND REAGENTS/ *INFANT, NEWBORN/ *INFANT, PREMATURE/ MASS SCREENING/ *PROTHROMBIN TIME/ VITAMIN K, therapeutic use

8263. **Waltl H, Pistoja F, Kurz R:** Der Thrombotest bei kranken Frühgeborenen.
Paediatr Paedol 8:284-90, 1973 (Ger)
*BLOOD COAGULATION TESTS/ CEREBRAL HEMORRHAGE, blood/ CEREBRAL HEMORRHAGE, prevention & control/ ENGLISH ABSTRACT/ HEMORRHAGIC DISEASE OF NEWBORN, blood/ HEMORRHAGIC DISEASE OF NEWBORN, prevention & control/ HEMORRHAGIC DISEASE OF NEWBORN, prevention & control/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INFANT, NEWBORN/ *INFANT, PREMATURE, DISEASES, blood/ INFANT, PREMATURE, DISEASES, prevention & control/ PROTHROMBIN TIME/ TIME FACTORS/ VITAMIN K, therapeutic use

8264. **Walton KW:** The validity of the lipid-fed rabbit as a model for the study of atherogenesis.
J Pathol 109:pii, Jan 73
ANIMAL EXPERIMENTS/ *ARTERIOSCLEROSIS, etiology/ CHOLESTEROL, DIETARY/ *DIET, ATHEROGENIC/ *DISEASE MODELS, ANIMAL/ HYPERLIPEMIA, etiology/ LIPIDS, metabolism/ LIPOPROTEINS, blood/ RABBITS

8265. **Walzer PD, Schultz MG, Western KA, et al:** Pneumocystis carinii pneumonia and primary immune deficiency diseases of infancy and childhood.
J Pediatr 82:416-22, Mar 73
AGAMMAGLOBULINEMIA, complications/ AGE FACTORS/ AMIDINES, therapeutic use/ ANTIBODY FORMATION/ CHILD, PRESCHOOL/ ECZEMA, complications/ FEMALE/ GRAFT REJECTION/ HUMAN/ HYPERGAMMAGLOBULINEMIA, complications/ HYPERSENSITIVITY, DELAYED/ IGM, analysis/ IMMUNITY, CELLULAR/ IMMUNOGLOBULINS, analysis/ *IMMUNOLOGIC DEFICIENCY SYNDROMES, complications/ IMMUNOLOGIC DEFICIENCY SYNDROMES, diagnosis/ IMMUNOLOGIC DEFICIENCY SYNDROMES, familial & genetic/ INFANT/ MALE/ *PNEUMONIA, INTERSTITIAL PLASMA CELL, complications/ PNEUMONIA, INTERSTITIAL PLASMA CELL, familial & genetic/ SKIN TESTS/ SULFONIC ACIDS, therapeutic use/ THROMBOPENIA, complications

8266. **Wampler GL, Mellette SJ, Kuperminc M, et al:** Hexamethylmelamine (NSC-13875) in the treatment of advanced cancer.
Cancer Chemother Rep 56:505-14, Aug 72
ADENOCARCINOMA, drug therapy/ ADULT/ ANTINEOPLASTIC AGENTS, administration & dosage/ ANTINEOPLASTIC AGENTS, adverse effects/ *ANTINEOPLASTIC AGENTS, therapeutic use/ BLOOD PLATELETS, drug effects/ BODY WEIGHT, drug effects/ CYSTADENOCARCINOMA, drug therapy/ CYSTADENOMA, PAPILLARY, drug therapy/ DIMETHYLAMINES, administration & dosage/ DIMETHYLAMINES, adverse effects/ DIMETHYLAMINES, therapeutic use/ FEMALE/ HODGKIN'S DISEASE, drug therapy/ HUMAN/ LEUKOCYTES, drug effects/ LUNG NEOPLASMS, drug therapy/ MALE/ MIDDLE AGE/ NAUSEA, chemically induced/ *NEOPLASMS, drug therapy/ OVARIAN NEOPLASMS, drug therapy/ REMISSION/ TRIAZINES, administration & dosage/ TRIAZINES, adverse effects/

*TRIAZINES, therapeutic use/ VOMITING, chemically induced

8267. **Wand H, Rieche K:** Gehalt und Freisetzung von Adeninukleotiden aus isolierten Thrombozyten von Krebspatienten vor und unter Behandlung.
Dtsch Gesundheitsw 27:1072-6, 8 Jun 72 (Ger)
*ADENINE NUCLEOTIDES, blood/ ANTINEOPLASTIC AGENTS, therapeutic use/ *BLOOD PLATELETS, analysis/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ *NEOPLASMS, blood/ NEOPLASMS, drug therapy/ NEOPLASMS, radiotherapy/ NEOPLASMS, surgery

8268. **Wang AC, Gergely J, Fudenberg HH:** Amino acid sequences at constant and variable regions of heavy chains of monotypic immunoglubulins G and M of a single patient. Biochemistry 12:528-34, 30 Jan 73
ALKYLATION/ AMINO ACID SEQUENCE/ *AMINO ACIDS, analysis/ CHROMATOGRAPHY, AFFINITY/ CYANOGEN BROMIDE/ GEL FILTRATION/ GENES, STRUCTURAL/ GENETICS, HUMAN/ HUMAN/ *IGG, analysis/ IGG, isolation & purification/ *IGM, analysis/ IGM, isolation & purification/ *IMMUNOGLOBULIN FRAGMENTS/ IMMUNOGLOBULINS, FAB, analysis/ IMMUNOGLOBULINS, FC, analysis/ OXIDATION-REDUCTION/ PAPAIN/ PEPTIDES, analysis/ THIOCYANATES/ TRYPSIN

8269. **Wang FY, Chen CL:** [Disseminated intravascular coagulation] Chin Med J 5:309-15, 1973 (13 ref.) (Chi)
ANEMIA, HEMOLYTIC, complications/ BLOOD COAGULATION/ BLOOD COAGULATION FACTORS, physiology/ *DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ MALARIA, complications/ MENINGITIS, complications/ REVIEW/ STREPTOMYCIN, therapeutic use/ TYPHOID, complications

8270. **Wang HH:** Internal herniation of the efferent jejunal loop after gastroenterostomy.
Am J Surg 124:587-90, Nov 72
ADHESIONS, etiology/ *ADHESIONS, surgery/ ADULT/ GASTRECTOMY/ GASTROENTEROSTOMY/ HERNIA, etiology/ HERNIA, surgery/ HUMAN/ ILEUM/ *INTESTINAL DISEASES, etiology/ JEJUNUM/ MALE/ MIDDLE AGE/ *PEPTIC ULCER, surgery/ *POSTGASTRECTOMY SYNDROMES, surgery/ POSTOPERATIVE COMPLICATIONS

8271. **Wang HL, Vespa JB, Hesseltine CW:** Release of bound trypsin inhibitors in soybeans by Rhizopus oligosporus. J Nutr 102:1495-9, Nov 72
FERMENTATION/ HEAT/ HYDROGEN-ION CONCENTRATION/ PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ PROTEIN BINDING/ RHIZOPUS, analysis/ RHIZOPUS, enzymology/ *RHIZOPUS, metabolism/ SOLUBILITY/ *SOY BEANS/ SOY BEANS, analysis/ TIME FACTORS/ TRYPSIN INHIBITORS, analysis/ TRYPSIN INHIBITORS, antagonists & inhibitors/ *TRYPSIN INHIBITORS, metabolism

8272. **Wapnick S, Cleg D:** Gas gangrene of the anterior abdominal wall. Int Surg 58:504-7, Jul 73
*ABDOMINAL WALL/ ADHESIONS, surgery/ ADULT/ CLOSTRIDIUM INFECTIONS, complications/ CLOSTRIDIUM PERFRINGENS, isolation & purification/ FEMALE/ *GAS GANGRENE, etiology/ GAS GANGRENE, microbiology/ GAS GANGRENE, mortality/ GAS GANGRENE, therapy/ HUMAN/ HYPERBARIC OXYGENATION/ *INTESTINAL OBSTRUCTION, surgery/ LAPAROTOMY, adverse effects/ MALE/ MIDDLE AGE/ MYOSITIS, etiology/ *SURGICAL WOUND INFECTION/ TIME FACTORS

8273. **Ward AM, Underwood JC:** Alpha 1 antitrypsin deficiency and liver disease in childhood.
J Pathol 109:pxvi, Jan 73
BIOPSY/ FLUORESCENT ANTIBODY TECHNIC/ *HEPATITIS, etiology/ HEPATITIS, pathology/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, etiology/ LIVER, pathology/ MICROSCOPY, ELECTRON/ *TRYPSIN INHIBITORS, blood

8274. **Ward CW:** Diversity of proteases in the keratinolytic larvae of the webbing clothes moth, Tineola bisselliella.
Comp Biochem Physiol [B] 42:131-5, 15 May 72
AMINO ACIDS/ AMINOPEPTIDASES, isolation & purification/ AMMONIUM SULFATE/ ANIMAL EXPERIMENTS/ CHYMOTRYPSIN/ DIGESTION/ ELECTROPHORESIS, DISK/ HYDROLYSIS/ *INSECTS, enzymology/ KERATIN/ LARVA, enzymology/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ SERINE/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRYPSIN/ ZINC

8275. **Ward FP, Haight EA:** An automated method for measuring Rhesus monkey erythrocyte and plasma cholinesterase. Can J Comp Med 37:152-6, Apr 73
ANIMAL EXPERIMENTS/ *CHOLINESTERASE, blood/ COLORIMETRY/ EDTA, pharmacodynamics/ ERYTHROCYTES, drug effects/ *ERYTHROCYTES, enzymology/ FEMALE/ HEPARIN, pharmacodynamics/ MACACA/ MALE/ METHODS/ MONKEYS/ PLASMA, enzymology

8276. **Ward JR, Miller ML, Burch F:** Local and generalized Shwartzman reaction induced in rats with 6-sulfanilamidoindazole arthritis.
Arthritis Rheum 16:491-8, Jul-Aug 73
ANIMAL EXPERIMENTS/ *ARTHRITIS, chemically induced/ CAPILLARIES, pathology/ ENDOTOXINS, administration & dosage/ ESCHERICHIA COLI, metabolism/ FIBRIN, metabolism/ FIBRINOGEN/ INDAZOLES, pharmacodynamics/ MONOCYTES, drug effects/ RATS/ *SHWARTZMAN PHENOMENON/ *SULFANILAMIDE, pharmacodynamics/ SYNOVIAL MEMBRANE, cytology

8277. **Ward PA, Talamo RC:** Deficiency of the chemotactic factor inactivator in human sera with 1 -antitrypsin deficiency. J Clin Invest 52:516-9, Feb 73
*CHEMOTAXIS/ HUMAN/ NEUTROPHILS/ *PULMONARY EMPHYSEMA, etiology/ *TRYPSIN INHIBITORS, blood

8278. **Ward RL, Shatkin AJ:** Association of reovirus mRNA with viral proteins: a possible mechanism for linking the genome segments.
Arch Biochem Biophys 152:378-84, Sep 72
AMINO ACIDS/ CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ CHYMOTRYPSIN/ CYTOPLASM, drug effects/ EDTA, pharmacodynamics/ L CELLS, cytology/ L CELLS, drug effects/ *L CELLS, microbiology/ MICE/ *NUCLEOPROTEINS/ POLYRIBOSOMES, drug effects/ *REOVIRUS/ *RNA, VIRAL/ SODIUM/ SODIUM DODECYL SULFATE/ TRITIUM/ URIDINE/ *VIRAL PROTEINS

8279. **Warden GD, Wilmore DW, Pruitt BA Jr:** Central venous thrombosis: a hazard of medical progress.
J Trauma 13:620-6, Jul 73
*BACTERIAL INFECTIONS, complications/ BACTERIAL INFECTIONS, etiology/ CATHETERIZATION, adverse effects/ *FEMORAL VEIN/ HEPARIN, therapeutic use/ HUMAN/ *ILIAC VEIN/ *INFUSIONS, PARENTERAL, adverse effects/ JUGULAR VEIN/ PULMONARY EMBOLISM, etiology/

SAPHENOUS VEIN/ STAPHYLOCOCCAL INFECTIONS, etiology/ *SUBCLAVIAN VEIN/ SUPPURATION, etiology/ *THROMBOPHLEBITIS, etiology/ THROMBOSIS, drug therapy/ TIME FACTORS/ *VENA CAVA, SUPERIOR

8280. **Wardle EN:** Fibrinogen catabolism studies in patients with renal disease. Q J Med 42:205-19, Jan 73
ADULT/ FEMALE/ *FIBRINOGEN, metabolism/ GLOMERULONEPHRITIS, blood/ HEMODIALYSIS/ HUMAN/ HYPERTENSION, MALIGNANT, metabolism/ IMMUNE COMPLEX DISEASE, blood/ IODINE ISOTOPES/ *KIDNEY DISEASES, blood/ KIDNEY FAILURE, ACUTE, blood/ KIDNEY FAILURE, ACUTE, metabolism/ MALE/ MIDDLE AGE/ NEPHRITIS, blood

8281. **Wardle EN:** Urinary excretion in kidney-graft rejection. Lancet 2:931, 28 Oct 72
*FIBRINOLYTIC AGENTS, urine/ GLOMERULAR FILTRATION RATE/ *GRAFT REJECTION/ HUMAN/ *KIDNEY, transplantation/ TRANSPLANTATION, HOMOLOGOUS

8282. **Wardle EN:** Intravascular coagulation in infection: a study by radio-fibrinogen.
Scand J Infect Dis 4:155-9, 1972
ADULT/ CHICKENPOX, metabolism/ CHOLANGITIS, metabolism/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *DISSEMINATED INTRAVASCULAR COAGULATION, metabolism/ ESCHERICHIA COLI INFECTIONS, metabolism/ FEMALE/ *FIBRINOGEN, metabolism/ HEPARIN, pharmacodynamics/ HUMAN/ IODINE ISOTOPES/ MALE/ MENINGITIS, PNEUMOCOCCAL, metabolism/ MIDDLE AGE/ PYELONEPHRITIS, metabolism/ SEPTICEMIA, metabolism

8283. **Wardle EN:** Serum and urine F.R.-antigen in renal disease. Br Med J 4:427-8, 18 Nov 72
ANIMAL EXPERIMENTS/ *ANTIGENS/ *FIBRIN, metabolism/ FIBRINOGEN, urine/ GLOMERULONEPHRITIS, etiology/ HUMAN/ *KIDNEY DISEASES, etiology/ KIDNEY DISEASES, metabolism/ KIDNEY FAILURE, ACUTE, etiology

8284. **Wardle EN:** The role of platelets in glomerulonephritis and transplantation.
J R Coll Physicians Lond 7:5-18, Oct 72 (105 ref.)
ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY COMPLEX/ BLOOD COAGULATION/ *BLOOD PLATELETS/ BLOOD PLATELETS, physiology/ BLOOD PLATELETS, physiopathology/ CELL AGGREGATION/ EPITHELIUM/ *GLOMERULONEPHRITIS, blood/ GLOMERULONEPHRITIS, etiology/ GRAFT REJECTION/ HUMAN/ IGG/ IMMUNOSUPPRESSION/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ KIDNEY, blood supply/ *KIDNEY, transplantation/ RABBITS/ RATS/ REVIEW/ SWINE/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY

8285. **Wardle EN:** Intravascular coagulation and pre-eclamptic toxaemia. Lancet 1:694-5, 25 Mar 72
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ FEMALE/ FIBRIN, metabolism/ FIBRINOGEN, metabolism/ GLOMERULAR FILTRATION RATE/ METABOLIC CLEARANCE RATE/ OSMOLAR CONCENTRATION/ PREGNANCY/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR, blood/ *PREGNANCY TOXEMIAS, blood/ RABBITS/ TECHNETIUM, metabolism/ WATER, metabolism

8286. **Wardle EN:** Fibrinogen and albumin catabolism in experimental pancreatitis in the rat.
J Surg Res 15:122-31, Aug 73
*ALBUMINS, metabolism/ ANIMAL EXPERIMENTS/ COMMON BILE DUCT/ ENDOTOXINS/ FIBRINOGEN, analysis/ *FIBRINOGEN, metabolism/ FIBRINOLYSIS/ GLOMERULAR FILTRATION RATE/ GLYCERIN/ IMMUNOELECTROPHORESIS/ INJECTIONS/ IODINE ISOTOPES, DIAGNOSTIC/ KALLIKREIN, blood/ OILS/ PANCREAS, pathology/ PANCREATITIS, chemically induced/ *PANCREATITIS, metabolism/ PLASMA VOLUME/ PROTEINURIA/ RATS/ RETICULOENDOTHELIAL SYSTEM, metabolism/ SERUM ALBUMIN, analysis/ SHWARTZMAN PHENOMENON, metabolism/ TRIOLEIN, metabolism/ TRYPSIN/ TURPENTINE

8287. **Wardle EN:** A study of intravascular coagulation in immune complex glomerulonephritis by use of 131-I-labelled fibrinogen and 125I-labelled antigen.
Clin Sci 45:35-50, Jul 73
ACUTE DISEASE/ ANAPHYLAXIS, immunology/ ANAPHYLAXIS, metabolism/ ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ ANTIGEN-ANTIBODY COMPLEX/ *ANTIGENS/ *BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ CATTLE/ CHRONIC DISEASE/ *FIBRINOGEN, metabolism/ GLOMERULONEPHRITIS, immunology/ GLOMERULONEPHRITIS, metabolism/ *GLOMERULONEPHRITIS, physiopathology/ HORSES/ IMMUNIZATION SCHEDULE/ IODINE ISOTOPES/ PRECIPITINS, analysis/ PROTEINURIA, immunology/ RABBITS/ SERUM ALBUMIN, BOVINE/ SERUM SICKNESS, immunology/ SERUM SICKNESS, metabolism

8288. **Wardle EN:** Acute renal failure. Lancet 2:328, 11 Aug 73
ANIMAL EXPERIMENTS/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FIBRINOLYSIS/ HUMAN/ *KIDNEY FAILURE, ACUTE, blood/ *KIDNEY FAILURE, ACUTE, complications/ KIDNEY FAILURE, ACUTE, enzymology/ KIDNEY FAILURE, ACUTE, etiology/ KIDNEY TUBULES, enzymology/ RABBITS/ SHOCK, complications/ THROMBIN

8289. **Wardle EN:** Long-term blood abnormalities in thrombosis. Lancet 2:442, 25 Aug 73
*BLOOD PLATELETS/ HUMAN/ PLATELET ADHESIVENESS/ THROMBOPHLEBITIS/ *THROMBOSIS, blood/ THROMBOSIS, complications

8290. **Wardle EN:** Erythrocyte sedimentation rate in hyperlipidaemia. Br Med J 3:109, 14 Jul 73
*BLOOD SEDIMENTATION/ FIBRIN, metabolism/ FIBRINOGEN, biosynthesis/ HUMAN/ *HYPERLIPEMIA, blood/ PLATELET ADHESIVENESS

8291. **Wardle EN:** Simple method for detection of infection of peritoneum during dialysis. Br Med J 2:518-20, 2 Jun 73
ASCITIC FLUID, enzymology/ HEMORRHAGE, GASTROINTESTINAL, enzymology/ HEPARIN, pharmacodynamics/ HEPARIN, therapeutic use/ HUMAN/ KANAMYCIN, therapeutic use/ MURAMIDASE, antagonists & inhibitors/ MURAMIDASE, blood/ MURAMIDASE, metabolism/ PANCREATITIS, enzymology/ *PERITONEAL DIALYSIS/ *PERITONITIS, diagnosis/ PERITONITIS, drug therapy/ PERITONITIS, enzymology

8292. **Wardle EN:** Urine F.D. in transplant refection.
Lancet 2:99, 14 Jul 73
*FIBRINOGEN, urine/ *GRAFT REJECTION/ HUMAN/ KIDNEY, transplantation/ METHODS/ TRANSPLANTATION, HOMOLOGOUS

8293. **Wardle EN:** Fibrinogen and albumin catabolism in experimental pancreatitis in the rat.
Clin Sci 44:26P, Jun 73
*ALBUMINS, metabolism/ ANIMAL EXPERIMENTS/ DISSEMINATED INTRAVASCULAR COAGULATION, metabolism/ *FIBRINOGEN, metabolism/ *PANCREATITIS, metabolism/ RATS

8294. **Wardle EN, Floyd M:** Fibrinogen catabolism study of three patients with bacterial endocarditis and renal disease. Br Med J 3:255-7, 4 Aug 73
ADULT/ ANEMIA, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ *ENDOCARDITIS, BACTERIAL, metabolism/ FEMALE/ *FIBRINOGEN, metabolism/ GLOMERULONEPHRITIS, etiology/ HEMODIALYSIS/ HUMAN/ IGG/ IGM/ IMMUNE COMPLEX DISEASE/ *KIDNEY FAILURE, ACUTE, metabolism/ MALE/ MIDDLE AGE/ PERITONEAL DIALYSIS/ RADIOISOTOPES

8295. **Wardle EN, Marshall J, Curtain C:** Estimating fibrin products in urine. Br Med J 4:363, 11 Nov 72
*FIBRIN, urine/ HUMAN/ METHODS/ PRECIPITATION/ PROTAMINES/ SULFATES

8296. **Wardle EN, Menon IS, Anderson J:** A study of patients with atherosclerosis and renal disease with respect to lipoprotein types, fibrinolysis, and carbohydrate tolerance. Q J Med 41:15-23, Jan 72
ADULT/ *ARTERIOSCLEROSIS, blood/ *BLOOD SUGAR/ BODY WEIGHT/ CHOLESTEROL, blood/ FATTY ACIDS, NONESTERIFIED, blood/ *FIBRINOLYSIS/ GLUCOSE TOLERANCE TEST/ HUMAN/ INSULIN, blood/ *KIDNEY DISEASES, blood/ KIDNEY FAILURE, CHRONIC, blood/ *LIPOPROTEINS, blood/ MIDDLE AGE/ NEPHROTIC SYNDROME, blood/ OBESITY, blood/ SMOKING/ TRIGLYCERIDES, blood

8297. **Wardle EN, Piercy DA, Anderson J:** Some chemical indices of diabetic vascular disease. Postgrad Med J 49:1-9, Jan 73
CHOLESTEROL, blood/ *DIABETIC ANGIOPATHIES, blood/ DIABETIC RETINOPATHY, blood/ FIBRINOGEN, analysis/ GLYCOPROTEINS, blood/ HUMAN/ LIPIDS, blood/ MACROGLOBULINS, analysis/ TRIGLYCERIDES, blood

8298. **Wardle EN, Piercy DA:** Studies of contact activation of blood in haemodialysis. J Clin Pathol 25:1045-9, Dec 72
*BLOOD COAGULATION/ BLOOD COAGULATION FACTORS, analysis/ ESTERASES, blood/ FACTOR XII, analysis/ *HEMODIALYSIS/ HUMAN/ KALLIKREIN, blood/ *SURFACE PROPERTIES

8299. **Wardle EN, Uldall PR:** Effect of heparin on renal function in patients with oliguria. Br Med J 4:135-8, 21 Oct 72
*ANURIA, drug therapy/ CHROMIUM ISOTOPES/ COMPLEMENT, antagonists & inhibitors/ EDTA/ FIBRINOGEN, metabolism/ GLOMERULAR FILTRATION RATE, drug effects/ GLOMERULONEPHRITIS, drug therapy/ GRAFT REJECTION/ HEPARIN, pharmacodynamics/ *HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, MALIGNANT, drug therapy/ IODINE ISOTOPES/ KIDNEY, transplantation

8300. **Wardle EN, Wright NA:** Intravascular coagulation and glycerin hemoglobinuric acute renal failure. Arch Pathol 95:271-5, Apr 73
AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ *DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ FIBRIN, metabolism/ FIBRINOGEN, metabolism/ FIBRINOLYSIS, drug effects/ FLUORESCENT ANTIBODY TECHNIC/ *GLYCERIN/ GLYCERIN, pharmacodynamics/ HALF-LIFE/ HEMOGLOBIN, analysis/ *HEMOGLOBINURIA, chemically induced/ IODINE ISOTOPES/ ISCHEMIA, chemically induced/ KIDNEY, blood supply/ KIDNEY, pathology/ KIDNEY CORTEX NECROSIS, chemically induced/ KIDNEY FAILURE, ACUTE, blood/ *KIDNEY FAILURE, ACUTE, chemically induced/ KIDNEY GLOMERULUS, pathology/ KIDNEY TUBULES, pathology/ RABBITS/ RATS/ SERUM ALBUMIN, RADIO-IODINATED/ SYMPATHECTOMY

8301. **Wardle EN, Wright NA:** Role of fibrin in a model of pregnancy toxemia in the rabbit. Am J Obstet Gynecol 115:17-26, 1 Jan 73
AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ BLOOD VESSELS, metabolism/ CREATININE, blood/ *DISEASE MODELS, ANIMAL/ FEMALE/ *FIBRIN, metabolism/ FIBRINOLYSIS, drug effects/ HALF-LIFE/ IODINE ISOTOPES/ KIDNEY, metabolism/ KIDNEY GLOMERULUS, pathology/ LIVER, metabolism/ LUNG, metabolism/ PLACENTA, blood supply/ POLYVINYLPYRROLIDONE, metabolism/ PREGNANCY/ PREGNANCY TOXEMIAS, blood/ PREGNANCY TOXEMIAS, complications/ *PREGNANCY TOXEMIAS, metabolism/ PREGNANCY TOXEMIAS, pathology/ PREGNANCY TOXEMIAS, physiopathology/ PROTEINURIA, etiology/ RABBITS/ RENIN, blood

8302. **Warlow C, Douglas AS:** 131 I-labelled-fibrinogen test: effect of 131 I-albumin. Lancet 2:1196, 2 Dec 72
*FIBRINOGEN, diagnostic use/ HUMAN/ *SERUM ALBUMIN, RADIO-IODINATED, diagnostic use/ *THROMBOSIS, diagnosis

8303. **Warlow C, Ogston D, Douglas AS:** Paralysis of the legs and venous thromboembolism. Am Heart J 85:280-1, Feb 73
*CEREBROVASCULAR DISORDERS, complications/ FIBRINOGEN, diagnostic use/ *HEMIPLEGIA, complications/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, etiology

8304. **Warlow C, Ogston D, Douglas AS:** Paralysis of the legs and venous thromboembolism. Am Heart J 85:280-1, Feb 73
FIBRINOGEN, diagnostic use/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ *LEG/ *PARALYSIS, complications/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, etiology

8305. **Warr AC, Wilkinson JA:** Pelvic osteotomy for osteoarthritis of the hip-joint. Proc R Soc Med 66:241-2, Mar 73
ADULT/ HEMATOMA, complications/ *HIP, surgery/ HUMAN/ HYDROTHERAPY/ METHODS/ MIDDLE AGE/ OSTEOARTHRITIS, surgery/ *OSTEOTOMY/ POSTOPERATIVE COMPLICATIONS

8306. **Warren BA, Philp RB, Inwood MJ:** The ultrastructural morphology of air embolism: platelet adhesion to the interface and endothelial damage. Br J Exp Pathol 54:163-72, Apr 73
ANIMAL EXPERIMENTS/ ATMOSPHERIC PRESSURE/ BLOOD PROTEINS/ *BLOOD VESSELS, pathology/ DECOMPRESSION SICKNESS, pathology/ EMBOLISM, AIR, blood/ *EMBOLISM, AIR, pathology/ ENDOTHELIUM, pathology/ ERYTHROCYTES/ FIBRIN, metabolism/ LIPIDS, blood/ MALE/ MESENTERY, blood supply/ MICROSCOPY, ELECTRON/ PLASMA/ *PLATELET ADHESIVENESS/ RATS/ STAINS AND STAINING/ SURFACE TENSION

8307. **Warren L, Fuhrer JP, Buck CA:** Surface glycoproteins of cells before and after transformation by oncogenic viruses. Fed Proc 32:80-5, Jan 73 (32 ref.)
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CELL MEMBRANE, metabolism/ *CELL TRANSFORMATION, NEOPLASTIC/ CELLS, CULTURED/ CHICK EMBRYO/ FIBROBLASTS/ FUCOSE, metabolism/ GEL FILTRATION/ *GLYCOPROTEINS, metabolism/ HAMSTERS/ HUMAN/ MICE/ NEURAMINIC ACIDS/ NEURAMINIDASE, pharmacodynamics/ *ONCOGENIC VIRUSES/ POLYSACCHARIDES, analysis/ PRONASE, pharmacodynamics/ REVIEW/ ROUS SARCOMA VIRUS/ TRANSFERASES, analysis/ TRITIUM/ TRYPSIN, pharmacodynamics

8308. **Warter J, Storck D, Monath C, et al:** Contribution à l'étude des épanchements pancréatiques: la

polysérite protéasique expérimentale.
C R Soc Biol (Paris) 166:1157-60, 1972 (Fre)
ANIMAL EXPERIMENTS/ ASCITES, chemically induced/ DISEASE MODELS, ANIMAL/ FEMALE/ HEMATOMA/ MALE/ *PANCREATIC DISEASES, chemically induced/ PLEURAL EFFUSION, chemically induced/ PLEURISY, chemically induced/ RATS/ RETROPERITONEAL SPACE/ *SEROSITIS, chemically induced/ SEROSITIS, etiology/ *TRYPSIN

8309. **Warter J, Storck D, Grosshans E, et al:** Syndrome de Weber-Christian associé à un déficit en alpha-I-antitrypsine. Enquéte familiale.
Ann Med Interne (Paris) 123:877-82, Oct 72 (Fre)
FEMALE/ FEVER, etiology/ HEMATOMA, etiology/ HUMAN/ JOINT DISEASES, etiology/ METABOLISM, INBORN ERRORS, complications/ *METABOLISM, INBORN ERRORS, familial & genetic/ MIDDLE AGE/ PAIN, etiology/ PANNICULITIS, NODULAR NONSUPPURATIVE, complications/ PANNICULITIS, NODULAR NONSUPPURATIVE, diagnosis/ *PANNICULITIS, NODULAR NONSUPPURATIVE, familial & genetic/ PANNICULITIS, NODULAR NONSUPPURATIVE, pathology/ PANNICULITIS, NODULAR NONSUPPURATIVE, physiopathology/ PEDIGREE/ RECURRENCE/ SKIN MANIFESTATIONS/ *TRYPSIN INHIBITORS, blood

8310. **Washington JA 2d, Martin WJ:** Comparison of three blood culture media for recovery of anaerobic bacteria. Appl Microbiol 25:70-1, Jan 73
ANAEROBIOSIS/ *BACTERIA, isolation & purification/ BACTERIOLOGICAL TECHNICS, standards/ BACTEROIDES, isolation & purification/ BRAIN/ COMPARATIVE STUDY/ *CULTURE MEDIA/ EUBACTERIUM, isolation & purification/ EVALUATION STUDIES/ FUSOBACTERIUM, isolation & purification/ HEART/ HUMAN/ PEPTOCOCCUS, isolation & purification/ PEPTOSTREPTOCOCCUS, isolation & purification/ *SEPTICEMIA, blood/ SOY BEANS/ THIOGLYCOLATES/ TRYPSIN

8311. **Wasi S, Hofmann T:** The conformational state of methionine residues in the temperature-controlled transition of chymotrypsinogen and -chymotrypsin.
Can J Biochem 51:797-805, Jun 73
CATTLE/ *CHYMOTRYPSIN/ *CHYMOTRYPSINOGEN/ HYDROGEN PEROXIDE/ KINETICS/ MATHEMATICS/ *METHIONINE/ MOLECULAR CONFORMATION/ OXIDATION-REDUCTION/ PROTEIN CONFORMATION/ TEMPERATURE/ THERMODYNAMICS/ TIME FACTORS

8312. **Wasserman L, Ber A, Allalouf D:** Acidic glycosaminoglycan composition of the gills of Cyprinus carpio.
Comp Biochem Physiol [B] 42:669-77, 15 Aug 72
ANIMAL EXPERIMENTS/ ANTICOAGULANTS, pharmacodynamics/ CALCIUM, blood/ CETYLPYRIDINIUM/ *CYPRINIDAE, metabolism/ ELECTROPHORESIS/ GALACTOSAMINE, analysis/ *GILLS, metabolism/ GILLS, physiology/ GLUCOSAMINE, analysis/ HEPARITIN SULFATE, analysis/ HEXOSAMINES, analysis/ HEXOSES, analysis/ HYALURONIDASE/ HYDROGEN-ION CONCENTRATION/ MALE/ MUCOPOLYSACCHARIDES, analysis/ MUCOPOLYSACCHARIDES, isolation & purification/ *MUCOPOLYSACCHARIDES, metabolism/ MUCOPOLYSACCHARIDES, pharmacodynamics/ OSMOLAR CONCENTRATION/ PRECIPITATION/ SODIUM CHLORIDE/ SULFURIC ACIDS, analysis/ TESTIS, enzymology/ URONIC ACIDS, analysis

8313. **Wasserman RH, Taylor AN:** Metabolic roles of fat-soluble vitamins D, E, and K.
Annu Rev Biochem 41:179-202, 1972 (185 ref.)
ANEMIA/ ANTICOAGULANTS, pharmacodynamics/ BIOLOGICAL TRANSPORT, drug effects/ BLOOD COAGULATION FACTORS, biosynthesis/ BLOOD COAGULATION FACTORS, metabolism/ COLLAGEN, metabolism/ ENZYMES, biosynthesis/ MEMBRANES, drug effects/ MITOCHONDRIA, drug effects/ OXIDATIVE PHOSPHORYLATION/ PROTEINS, biosynthesis/ REVIEW/ SOLUBILITY/ *VITAMIN D/ *VITAMIN E/ VITAMIN E, metabolism/ VITAMIN E, pharmacodynamics/ VITAMIN E, physiology/ VITAMIN E DEFICIENCY/ *VITAMIN K/ VITAMIN K, antagonists & inhibitors/ VITAMIN K, pharmacodynamics/ WARFARIN, metabolism

8314. **Wasyl Z, Luchter-Wasyl E, Bielański W Jr:** The estimation of polypeptide chain molecular weight by thin-layer gel filtration in urea and sodium dodecyl sulphate solution.
Biochim Biophys Acta 285:279-86, 28 Dec 72
ALKYLATION/ CATTLE/ CHYMOTRYPSIN/ DENSITOMETRY/ EVALUATION STUDIES/ *GEL FILTRATION/ HEMOGLOBIN/ IMMUNOGLOBULIN FRAGMENTS/ MACROMOLECULAR SYSTEMS/ METHODS/ MOLECULAR CONFORMATION/ *MOLECULAR WEIGHT/ MURAMIDASE/ OVALBUMIN/ OXIDATION-REDUCTION/ PEPSIN/ *PEPTIDES/ PROTEIN CONFORMATION/ *PROTEINS/ REGRESSION ANALYSIS/ SERUM ALBUMIN, BOVINE/ SODIUM DODECYL SULFATE/ TRYPSIN/ UREA

8315. **Wasyluk J, Mędrzejewski W, Milewski B:** Vasculogenic diseases of the small intestine.
Mater Med Pol 3:35-40, Oct-Dec 71
ABDOMEN, ACUTE, etiology/ ADHESIONS, etiology/ AGE FACTORS/ AGED/ ARTERITIS, complications/ CHRONIC DISEASE/ COLLATERAL CIRCULATION/ HUMAN/ *INTESTINAL DISEASES, etiology/ INTESTINAL OBSTRUCTION, surgery/ *INTESTINE, SMALL, blood supply/ *ISCHEMIA, complications/ MALABSORPTION SYNDROMES, etiology/ MESENTERIC ARTERIES/ MESENTERIC VASCULAR OCCLUSION, complications/ POSTOPERATIVE COMPLICATIONS

8316. **Watanabe S, Shimada H, Ishii S:** Production of clinical form of chronic subdural hematoma in experimental animals. J Neurosurg 37:552-61, Nov 72
ANIMAL EXPERIMENTS/ BRAIN, pathology/ CEREBROSPINAL FLUID/ CHRONIC DISEASE/ DISEASE MODELS, ANIMAL/ DOGS/ FIBRIN/ *HEMATOMA, SUBDURAL/ HEMATOMA, SUBDURAL, complications/ HEMATOMA, SUBDURAL, pathology/ HEMIPLEGIA, etiology/ MACACA/ MONKEYS

8317. **Watanabe Y:** [Histochemistry of the connective tissue in rheumatism] Ryumachi 12:3-5, Feb 72 (Jap)
*CONNECTIVE TISSUE/ CONNECTIVE TISSUE, metabolism/ CONNECTIVE TISSUE, pathology/ FIBRINOGEN, analysis/ HISTOCYTOCHEMISTRY/ HUMAN/ IGG, analysis/ IGM, analysis/ MUCOPOLYSACCHARIDES, analysis/ *RHEUMATISM/ RHEUMATISM, metabolism/ RHEUMATISM, pathology/ SYNOVIAL MEMBRANE, analysis

8318. **Watanakunakorn C, Bakie C:** Coagulase production, mannitol fermentation, penicillinase elaboration, and phage typability of Staphylococcus aureus reverted from L-phase variants. J Infect Dis 127:571-5, May 73
*BACTERIOPHAGE TYPING/ *COAGULASE, biosynthesis/ FERMENTATION/ L FORMS/ *MANNITOL, metabolism/ *PENICILLINASE, biosynthesis/ STAPHYLOCOCCAL PHAGES/ *STAPHYLOCOCCUS, metabolism/ VARIATION (GENETICS)

8319. **Watanakunakorn C, Tan JS, Phair JP:** Some salient features of Staphylococcus aureus endocarditis.
Am J Med 54:473-81, Apr 73
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ ANTIBIOTICS, therapeutic use/ BRAIN DISEASES, diagnosis/

CATHETERIZATION, adverse effects/ CHILD/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ *ENDOCARDITIS, BACTERIAL, diagnosis/ ENDOCARDITIS, BACTERIAL, drug therapy/ ENDOCARDITIS, BACTERIAL, etiology/ ENDOCARDITIS, BACTERIAL, mortality/ FEMALE/ HUMAN/ INJECTIONS, INTRAVENOUS, adverse effects/ MALE/ MIDDLE AGE/ *STAPHYLOCOCCAL INFECTIONS, diagnosis/ STAPHYLOCOCCAL INFECTIONS, drug therapy/ STAPHYLOCOCCAL INFECTIONS, etiology/ STAPHYLOCOCCAL INFECTIONS, mortality/ THROMBOPHLEBITIS, complications

8320. **Watchi JM, Altman J:** Role of ureteric pressure in protecting the kidney against cortical necrosis during the Sanarelli-Shwartzman reaction: an argument in favour of the primary role of vascular spasm in the mechanism of cortical necrosis.
Rev Eur Etud Clin Biol 17:982-7, Dec 72
ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ *ENDOTOXINS, adverse effects/ FEMALE/ HYDRONEPHROSIS/ *KIDNEY CORTEX NECROSIS, etiology/ KIDNEY CORTEX NECROSIS, pathology/ KIDNEY CORTEX NECROSIS, prevention & control/ LIGATION/ MALE/ PRESSURE/ RABBITS/ REGIONAL BLOOD FLOW/ *SHWARTZMAN PHENOMENON, complications/ *URETER/ URINARY CATHETERIZATION/ VASCULAR RESISTANCE

8321. **Waterman NG, Walker JL:** The effect of gastric cooling on hemostasis. Surg Gynecol Obstet 137:80-2, Jul 73
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ BLOOD VISCOSITY/ DOGS/ EAR, blood supply/ *GASTRIC HYPOTHERMIA/ *HEMOSTASIS/ HUMAN/ PROTHROMBIN TIME/ REGIONAL BLOOD FLOW/ *STOMACH, blood supply/ TIME FACTORS

8322. **Waters LL:** Experimental lesions of the coronary arteries and heart after intrapericardial injection of proteolytic enzymes. Yale J Biol Med 45:530-42, Oct 72
ANIMAL EXPERIMENTS/ *CLOSTRIDIOPEPTIDASE A/ *CORONARY DISEASE, chemically induced/ CORONARY DISEASE, pathology/ CORONARY VESSELS, pathology/ DISEASE MODELS, ANIMAL/ DOGS/ FEMALE/ INJECTIONS/ MALE/ MICROSCOPY, ELECTRON/ MYOCARDIAL INFARCT, etiology/ MYOCARDIUM, pathology/ NECROSIS/ *PEPTIDE HYDROLASES/ PERICARDIUM/ THROMBOSIS, etiology

8323. **Watnick M, Spindola-Franco H, Abrams HL:** Small hypernephroma with subcapsular hematoma and renal infarction. J Urol 108:534-6, Oct 72
*ADENOCARCINOMA, complications/ ADENOCARCINOMA, radiography/ ADULT/ ANGIOGRAPHY/ FEMALE/ *HEMATOMA, etiology/ HEMATOMA, radiography/ HUMAN/ *INFARCTION, etiology/ *KIDNEY DISEASES, etiology/ KIDNEY DISEASES, radiography/ *KIDNEY NEOPLASMS, complications/ KIDNEY NEOPLASMS, radiography/ RENAL ARTERY, radiography/ UROGRAPHY/ VASCULAR RESISTANCE

8324. **Watson AD, Testoni FJ, Porges WL:** A comparison of microfilariae isolated from canine blood by the modified Knott test and a filter method.
Aust Vet J 49:28-30, Jan 73
*ACANTHOCHEILONEMA, anatomy & histology/ ANIMAL EXPERIMENTS/ *BLOOD/ BLOOD PRESERVATION/ COMPARATIVE STUDY/ DIAGNOSIS, DIFFERENTIAL/ DIROFILARIASIS, diagnosis/ *DIROFILARIASIS, veterinary/ *DOG DISEASES, diagnosis/ DOGS/ EDTA/ *FILARIOIDEA, anatomy & histology/ FILTRATION/ NEMATODE INFECTIONS, diagnosis/ *NEMATODE INFECTIONS, veterinary

8325. **Watson RE Jr, England JJ, Larson KA:** Cultural characteristics of a cell line derived from an equine sarcoid. Appl Microbiol 24:727-31, Nov 72
AGAR/ AGGLUTINATION TESTS/ ANIMAL EXPERIMENTS/ CELL LINE/ CELL TRANSFORMATION, NEOPLASTIC/ CONCANAVALIN A/ CULTURE MEDIA/ HORSES/ MALE/ *SKIN NEOPLASMS/ *TISSUE CULTURE/ TRYPSIN

8326. **Watzke RC:** Cryotherapy for retinal angiomatosis: a clinico-pathologic report.
Doc Ophthalmol 34:405-11, 21 Feb 73
ADOLESCENCE/ ANGIOMATOSIS, familial & genetic/ ANGIOMATOSIS, pathology/ *ANGIOMATOSIS, surgery/ AUTOPSY/ BLOOD VESSELS, pathology/ *CRYOGENIC SURGERY/ EYE NEOPLASMS, familial & genetic/ EYE NEOPLASMS, pathology/ *EYE NEOPLASMS, surgery/ GLIOSIS, pathology/ HUMAN/ MALE/ RETINA, pathology/ *RETINA, surgery

8327. **Wayne ER, Burrington JD:** Extrinsic duodenal obstruction in children.
Surg Gynecol Obstet 136:87-91, Jan 73
CHILD/ COLON, abnormalities/ *DUODENAL OBSTRUCTION, etiology/ DUODENAL OBSTRUCTION, radiography/ DUODENAL OBSTRUCTION, surgery/ DUODENUM, abnormalities/ FEMALE/ HEMATOMA, complications/ HUMAN/ MALE/ MESENTERIC ARTERIES/ PANCREAS, abnormalities/ PRESSURE/ VASCULAR DISEASES, complications

8328. **Weakley S, Levin WC, Ritzmann SE:** IgG-monoclonal gammopathy. Lancet 2:511-2, 1 Sep 73
AGED/ ANGINA PECTORIS/ *BLOOD PROTEIN DISORDERS, drug therapy/ BLOOD PROTEIN DISORDERS, therapy/ *BLOOD VISCOSITY, drug effects/ HUMAN/ *IGG, analysis/ MALE/ MELPHALAN, therapeutic use/ *MYELOMA PROTEINS, blood/ PLASMAPHERESIS

8329. **Webb M:** Binding of cadmium ions by rat liver and kidney. Biochem Pharmacol 21:2751-65, 15 Oct 72
ANIMAL EXPERIMENTS/ *CADMIUM, metabolism/ CARBON ISOTOPES/ CATHEPSIN, analysis/ CYCLOHEXIMIDE, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ DIALYSIS/ FEMALE/ GEL FILTRATION/ KIDNEY, enzymology/ *KIDNEY, metabolism/ LEUCINE, metabolism/ LIVER, enzymology/ *LIVER, metabolism/ MALE/ NEOPLASMS, EXPERIMENTAL, chemically induced/ NICKEL, metabolism/ PEPTIDE HYDROLASES, analysis/ PROTEIN BINDING, drug effects/ PROTEINS, biosynthesis/ PROTEINS, isolation & purification/ PROTEINS, metabolism/ RADIOISOTOPES/ RATS/ RHABDOMYOSARCOMA, chemically induced/ SPECTROPHOTOMETRY, ATOMIC ABSORPTION

8330. **Webb RE, Hartgrove RW, Randolph WC, et al:** Toxicity studies in endrin-susceptible and resistant strains of pine mice. Toxicol Appl Pharmacol 25:42-7, May 73
ACETAMIDES, toxicity/ ANIMAL EXPERIMENTS/ ANTICOAGULANTS, toxicity/ CROSS REACTIONS/ DIELDRIN, toxicity/ DRUG RESISTANCE/ ENDRIN, toxicity/ FEMALE/ INDENES, toxicity/ *INSECTICIDES, ORGANOCHLORINE, toxicity/ KETONES, toxicity/ LETHAL DOSE 50/ MALE/ MICE/ ORGANOTHIOPHOSPHORUS COMPOUNDS, toxicity/ PESTICIDES, toxicity/ RODENTICIDES, toxicity/ SEX FACTORS

8331. **Webber CE, Garnett ES:** The relationship between colloid osmotic pressure and plasma proteins during and after cardiopulmonary bypass.
J Thorac Cardiovasc Surg 65:234-7, Feb 73
ALPHA GLOBULIN, analysis/ BETA GLOBULIN, analysis/ *BLOOD PROTEINS, analysis/ *COLLOIDS/ *EXTRACORPOREAL CIRCULATION/ FIBRINOGEN, analysis/ GAMMA GLOBULIN, analysis/ HEART SURGERY/ HUMAN/ *OSMOSIS/ OSMOTIC PRESSURE/ OXYGENATORS/ SERUM ALBUMIN, analysis/ TIME FACTORS

8332. **Weber G, Fliegner L: Kombiniertes Auftreten multipler kavernöser Hämangiome der Haut und des knöchernen Skeletts.**
Dermatol Monatsschr 158:613-9, Sep 72 (Ger)
*BONE NEOPLASMS, complications/ ENGLISH ABSTRACT/ FEMALE/ *HEMANGIOMA, CAVERNOUS, complications/ HUMAN/ MIDDLE AGE/ NEOPLASMS, MULTIPLE PRIMARY/ *SKIN NEOPLASMS, complications

8333. **Weber H, Heller S, Kidess E, et al: Das Verhalten des HLP- Spiegels im Serum und der Ostriolausscheidun bei Schwangeren unter der Behandlung der EPH-Gestose mit Heparin und Complamin.**
Med Welt 23:1948-51, 16 Dec 72 (Ger)
EDEMA, drug therapy/ *ESTRADIOL, urine/ FEMALE/ *HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, drug therapy/ *NICOTINIC ACID, therapeutic use/ *PLACENTAL LACTOGEN, blood/ PREGNANCY/ *PREGNANCY TOXEMIAS, drug therapy/ PROTEINURIA, drug therapy/ *THEOPHYLLINE, therapeutic use

8334. **Weber J: Relationship between cytoagglutination and saturation density of cell growth.**
J Cell Physiol 81:49-53, Feb 73
*AGGLUTINATION/ CARCINOMA/ CARCINOMA, EPIDERMOID/ *CELL LINE, drug effects/ CELL TRANSFORMATION, NEOPLASTIC/ CONCANAVALIN A, pharmacodynamics/ FIBROBLASTS/ HAMSTERS/ HELA CELLS/ HUMAN/ KIDNEY/ LARYNGEAL NEOPLASMS/ LUNG, embryology/ MICE/ MOUTH NEOPLASMS/ NEOPLASMS, EXPERIMENTAL/ *PHYTOMITOGENS, pharmacodynamics/ *PLANT AGGLUTININS, pharmacodynamics/ TRYPSIN, pharmacodynamics

8335. **Weber K, Platt T, Ganem D, et al: Altered sequences changing the operator-binding properties of the Lac repressor: colinearity of the repressor protein with the i-gene map.**
Proc Natl Acad Sci USA 69:3624-8, Dec 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CHROMATOGRAPHY/ CHROMOSOME MAPPING/ CHYMOTRYPSIN, metabolism/ ELECTROPHORESIS, PAPER/ ESCHERICHIA COLI/ GALACTOSIDASE, biosynthesis/ GALACTOSIDASE, metabolism/ GEL FILTRATION/ *GENES, REGULATOR/ LACTOSE, metabolism/ *MUTATION/ *OPERON/ PEPTIDES, analysis/ PEPTIDES, metabolism/ PROTEIN BINDING/ PROTEIN CONFORMATION

8336. **Webster D, Offord RE: The modification and removal of the N-terminal residue of trypsin by transamination.**
Biochem J 130:315-7, Nov 72
AMINATION/ CATTLE/ DANSYL COMPOUNDS/ DIALYSIS/ *ISOLEUCINE/ METHODS/ *TRYPSIN

8337. **Webster ME, Maling HM, Zweig MH, et al: Urate crystal induced inflammation in the rat: evidence for the combined actions of kinins, histamine and components of complement.**
Immunol Commun 1:185-98, 1972
ANIMAL EXPERIMENTS/ CARBOXYPEPTIDASES, pharmacodynamics/ COLCHICINE, pharmacodynamics/ *COMPLEMENT, physiology/ CYPROHEPTADINE, pharmacodynamics/ EDEMA, prevention & control/ FEMALE/ GOUT, chemically induced/ *GOUT, immunology/ *HISTAMINE, physiology/ *KININS, physiology/ MALE/ METHYSERGIDE, pharmacodynamics/ PROMETHAZINE, pharmacodynamics/ RATS/ SEROTONIN, physiology/ TRIPELENNAMINE, pharmacodynamics/ TRIPROLIDINE, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics/ URIC ACID

8338. **Wedemeyer AL, Castaneda AR, Edson JR, et al: Serial coagulation studies in patients undergoing Mustard procedure.** Ann Thorac Surg 15:120-7, Feb 73
*BLOOD COAGULATION DISORDERS, complications/ BLOODLETTING/ HEMORRHAGE, etiology/ HEMORRHAGE, prevention & control/ HUMAN/ POSTOPERATIVE COMPLICATIONS, prevention & control/ TRANSPOSITION OF GREAT VESSELS, blood/ *TRANSPOSITION OF GREAT VESSELS, surgery/ VEINS, surgery

8339. **Wedemeyer AL, Edson JR, Krivit W: Coagulation in cyanotic congenital heart disease.**
Am J Dis Child 124:656-60, Nov 72
ADOLESCENCE/ *BLOOD COAGULATION/ BLOOD PLATELETS/ CHILD/ CHILD, PRESCHOOL/ CLOT RETRACTION/ CYANOSIS, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FACTOR V, analysis/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ *HEART DEFECTS, CONGENITAL, blood/ HEART DEFECTS, CONGENITAL, complications/ HEMATOCRIT/ HUMAN/ INFANT/ POLYCYTHEMIA, etiology/ THROMBOPENIA, etiology

8340. **Weed RG, Curcuru FM, Jenkins EC: The cryogenic preservation of human whole blood inoculum for short-term leucocyte chromosome microculture.**
Cryobiology 9:273-6, Aug 72
*BLOOD PRESERVATION/ CELLS, CULTURED/ *CHROMOSOMES/ CULTURE MEDIA/ DIMETHYL SULFOXIDE/ FEMALE/ *FREEZING/ HUMAN/ *LEUKOCYTES/ LYMPHOCYTE TRANSFORMATION/ MALE/ MITOSIS

8341. **Weese WC, Schope RW: 5-Fluorocytosine therapy.**
Ann Intern Med 77:1003-4, Dec 72
ADULT/ *ANTIFUNGAL AGENTS, therapeutic use/ CASE REPORT/ CEREBROSPINAL FLUID, microbiology/ *CRYPTOCOCCUS, drug therapy/ CRYPTOCOCCUS, etiology/ CRYPTOCOCCUS NEOFORMANS, drug effects/ CRYPTOCOCCUS NEOFORMANS, isolation & purification/ *CYTOSINE, therapeutic use/ DRUG RESISTANCE, MICROBIAL/ FLUCYTOSINE, administration & dosage/ FLUCYTOSINE, adverse effects/ HUMAN/ MALE/ *MENINGITIS, drug therapy/ THROMBOPENIA, chemically induced

8342. **Węgrzynowicz Z, Latallo ZS, Kopeć M: Fibrynoplastyczne własności składników komórkowych i przeciwstawne działanie kwaśnych mukopolisacharydów.**
Acta Haematol Pol 2:297-304, Oct-Dec 71 (Pol)
ANIMAL EXPERIMENTS/ AORTA/ *BLOOD CELLS, cytology/ BLOOD PLATELETS, cytology/ CHONDROITIN, pharmacodynamics/ ENGLISH ABSTRACT/ *FIBRIN/ *FIBRINOGEN/ HEPARIN, pharmacodynamics/ LEUKOCYTES, cytology/ *LIVER, cytology/ *MUCOPOLYSACCHARIDES, pharmacodynamics/ *THYMUS GLAND, cytology/ TISSUE EXTRACTS, pharmacodynamics

8343. **Wehinger H, Kim SK: Untersuchungen mit einem cytochemischen NBT-Test.**
Z Kinderheilkd 114:175-90, 1973 (Ger)
BACTERIAL INFECTIONS, diagnosis/ BIRTH WEIGHT/ CHILD/ COLLAGEN DISEASES, diagnosis/ ENDOTOXINS, pharmacodynamics/ ENGLISH ABSTRACT/ GESTATIONAL AGE/ HEMOPHILIA, diagnosis/ HUMAN/ INFANT, NEWBORN/ INFANT, PREMATURE/ MENINGOCOCCAL INFECTIONS, diagnosis/ MONILIASIS, diagnosis/ *PHAGOCYTE BACTERICIDAL DYSFUNCTION, diagnosis/ SEPTICEMIA, diagnosis/ STEROIDS, pharmacodynamics/ TETRAZOLIUM SALTS, diagnostic use/ TIME FACTORS/ TUBERCULOSIS, diagnosis/ VIRUS DISEASES, diagnosis

8344. **Wehner W: Probleme der Fettembolie beim Mehrfachschwerverletzten.**
Zentralbl Chir 98:353-7, 9 Mar 73 (16 ref.) (Ger)
ACCIDENTS, TRAFFIC/ AGE FACTORS/ BLOOD COAGULATION/ CENTRAL VENOUS PRESSURE/ *EMBOLISM, FAT, diagnosis/ EMBOLISM, FAT, etiology/ EMBOLISM, FAT,

prevention & control/ EMBOLISM, FAT, therapy/ FRACTURE FIXATION, INTERNAL, adverse effects/ HUMAN/ MICROCIRCULATION/ OXYGEN, blood/ PARTIAL PRESSURE/ PHOSPHOLIPIDS, therapeutic use/ REVIEW/ SHOCK, TRAUMATIC, complications/ VENOUS PRESSURE/ *WOUNDS AND INJURIES, complications

8345. **Weibel MA, Majno G:** Peritoneal adhesions and their relation to abdominal surgery. A postmortem study.
Am J Surg 126:345-53, Sep 73
*ABDOMEN, surgery/ *ADHESIONS, etiology/ ADHESIONS, prevention & control/ ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ APPENDECTOMY/ BODY HEIGHT/ BODY WEIGHT/ CASTRATION/ CHILD/ FEMALE/ FOREIGN BODY REACTION/ GASTRECTOMY/ HUMAN/ HYSTERECTOMY/ LAPAROTOMY/ MALE/ MIDDLE AGE/ OMENTUM/ *PERITONEAL DISEASES, etiology/ SEX FACTORS/ SURGERY, MINOR/ SURGERY, OPERATIVE/ SUTURES

8346. **Weidinger P, Mannheimer E, Piza F:** Postoperative Kontrollen obliterierender Arteriopathien mit Hilfe der Datenverarbeitung.
Wien Z Inn Med 53:586-97, 1972 (Ger)
ADULT/ AGED/ ANGIOGRAPHY/ ANTICOAGULANTS, therapeutic use/ ARTERIAL OCCLUSIVE DISEASES, radiography/ *ARTERIAL OCCLUSIVE DISEASES, surgery/ AUTOMATIC DATA PROCESSING/ COMPUTERS, DIGITAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, drug therapy/ PROGNOSIS/ PUNCHED-CARD SYSTEMS

8347. **Weil M, Glidewell OJ, Jacquillat C, et al:** Daunorubicin in the therapy of acute granulocytic leukemia.
Cancer Res 33:921-8, May 73
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ COMPARATIVE STUDY/ CYTARABINE, therapeutic use/ DAUNOMYCIN, administration & dosage/ DAUNOMYCIN, adverse effects/ *DAUNOMYCIN, therapeutic use/ FEMALE/ HUMAN/ HYDRAZINES, therapeutic use/ HYPERPLASIA, chemically induced/ LEUKEMIA, MYELOCYTIC, blood/ *LEUKEMIA, MYELOCYTIC, drug therapy/ LEUKEMIA, MYELOCYTIC, therapy/ LEUKOCYTE COUNT/ LEUKOPENIA, chemically induced/ MALE/ MERCAPTOPURINE, therapeutic use/ METHOTREXATE, therapeutic use/ MIDDLE AGE/ REMISSION/ THROMBOPENIA, chemically induced/ TIME FACTORS

8348. **Weil PH:** A new stapling instrument for automatic ligation and division of tissues.
Bull Soc Int Chir 31:498-501, Nov-Dec 72
HEMOSTASIS/ HUMAN/ LIGATION, instrumentation/ *SURGICAL INSTRUMENTS/ *SURGICAL STAPLERS/ SUTURE TECHNICS

8349. **Weill F, Ricatte JP, Kraehenbuhl JR, et al:** Pour qui le cathétérisme artériel est-il dangereux.
Nouv Presse Med 1:2247, 30 Sep 72 (Fre)
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ *ANGIOGRAPHY, adverse effects/ *AURICULAR FIBRILLATION, etiology/ *CATHETERIZATION, adverse effects/ CHILD/ CHILD, PRESCHOOL/ *COMA, etiology/ ELECTROCARDIOGRAPHY/ FEMALE/ *HEMATOMA, etiology/ HUMAN/ INFANT/ MALE/ MIDDLE AGE/ *SPASM, etiology/ *THROMBOSIS, etiology

8350. **Weill H, Waggenspack C, DeRouen T, et al:** Respiratory reactions to B. subtilis enzymes in detergents.
J Occup Med 15:267-71, Mar 73
BACILLUS SUBTILIS, enzymology/ *CHEMICAL INDUSTRY/ *DETERGENTS, adverse effects/ DUST, prevention & control/ ENVIRONMENTAL EXPOSURE/ FOLLOW-UP STUDIES/ HUMAN/ *OCCUPATIONAL DISEASES, chemically induced/ OCCUPATIONAL DISEASES, enzymology/ OCCUPATIONAL DISEASES, physiopathology/ *PEPTIDE HYDROLASES, adverse effects/ PULMONARY DIFFUSING CAPACITY/ *RESPIRATORY TRACT DISEASES, chemically induced/ RESPIRATORY TRACT DISEASES, enzymology/ RESPIRATORY TRACT DISEASES, physiopathology/ SKIN TESTS/ SPIROMETRY/ UNITED STATES/ VITAL CAPACITY

8351. **Weimar VL, Haraguchi KH:** Growth stimulating effects of proteolytic enzymes on corneal tissues.
Isr J Med Sci 8:1531-6, Aug-Sep 72
ANIMAL EXPERIMENTS/ CHYMOTRYPSIN/ *CORNEA, enzymology/ CORNEA, growth & development/ CORNEA, pathology/ *CORNEAL OPACITY, chemically induced/ ENDOTHELIUM, metabolism/ EPITHELIAL CELLS, metabolism/ EYE INJURIES, pathology/ FEMALE/ MALE/ NECROSIS, chemically induced/ ORGAN CULTURE/ *PEPTIDE HYDROLASES, metabolism/ PRONASE, metabolism/ RABBITS/ STIMULATION, CHEMICAL/ TRYPSIN, metabolism/ *WOUND HEALING

8352. **Weinberger M, Rowe MI:** Experience with an elemental diet in neonatal surgery.
J Pediatr Surg 8:175-84, Apr 73
AMINO ACIDS, administration & dosage/ BODY WEIGHT, drug effects/ BRONCHIAL FISTULA, radiography/ BRONCHIAL FISTULA, surgery/ ESOPHAGEAL ATRESIA, radiography/ ESOPHAGEAL ATRESIA, surgery/ FEMALE/ GASTROSTOMY/ HUMAN/ *INFANT FOOD/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, surgery/ INTESTINAL OBSTRUCTION, surgery/ LIPIDS, blood/ LIVER FUNCTION TESTS/ MALE/ OSMOLAR CONCENTRATION/ POSTOPERATIVE CARE/ SUCROSE, administration & dosage/ TRACHEOESOPHAGEAL FISTULA, radiography/ TRACHEOESOPHAGEAL FISTULA, surgery/ *TUBE FEEDING/ VITAMIN K, administration & dosage

8353. **Weiner M, Karpatkin S:** Use of the megathrombocyte to demonstrate thrombopoietin.
Thromb Diath Haemorrh 28:24-30, 31 Aug 72
ANIMAL EXPERIMENTS/ ANTIBODIES/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ BLOOD PLATELETS, analysis/ BLOOD PLATELETS, cytology/ BLOOD TRANSFUSION/ GUINEA PIGS/ MALE/ METHODS/ RABBITS, immunology/ THROMBOPOIETIN, analysis

8354. **Weinmann G, Braun W:** Untersuchungen über die Thrombozytenfunktion bei Kindern mit konnatalen Herzfehlern.
Folia Haematol (Leipz) 98:303-12, 1972 (Ger)
ADOLESCENCE/ BLOOD CELL COUNT/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ CHILD/ CHILD, PRESCHOOL/ CLOT RETRACTION/ CYANOSIS, complications/ ENGLISH ABSTRACT/ HEART DEFECTS, CONGENITAL, blood/ *HEART DEFECTS, CONGENITAL, complications/ HEMATOCRIT/ HUMAN/ INFANT/ PLATELET ADHESIVENESS/ POLYCYTHEMIA, complications/ THROMBELASTOGRAPHY/ *THROMBOPENIA, etiology

8355. **Weinstein J, Gnoj J, Mazzara JT, et al:** Temporary transvenous pacing via the percutaneous femoral vein approach. A prospective study of 100 cases.
Am Heart J 85:695-705, May 73
ADULT/ AGED/ ANTICOAGULANTS, therapeutic use/ *ARRHYTHMIA, therapy/ ARTERIOSCLEROSIS, complications/ CORONARY DISEASE, complications/ ELECTROCARDIOGRAPHY/ EVALUATION STUDIES/ FEMALE/ *FEMORAL VEIN/ HEART BLOCK, therapy/ HEART INJURIES, etiology/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ MYOCARDIAL INFARCT,

complications/ MYOCARDIAL INFARCT, mortality/ *PACEMAKER, ARTIFICIAL/ PACEMAKER, ARTIFICIAL, adverse effects/ PROSPECTIVE STUDIES/ TACHYCARDIA, etiology

8356. **Weinstein MJ, Doolittle RF:** The effect of some synthetic arginyl and lysyl compounds on clotting and fibrinolysis.
Thromb Diath Haemorrh 28:289-97, 31 Oct 72
*ARGININE, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ CHEMISTRY/ DIPEPTIDES, pharmacodynamics/ ESTERS, pharmacodynamics/ *FIBRINOLYSIS, drug effects/ GLYCINE, pharmacodynamics/ HUMAN/ *LYSINE, pharmacodynamics/ *PEPTIDES, pharmacodynamics/ SARCOSINE, pharmacodynamics/ SERUM GLOBULINS/ THROMBIN, biosynthesis/ *TOSYL COMPOUNDS, pharmacodynamics

8357. **Weintraub M, Breckenridge RT, Griner PF:** The effects of dextrothyroxine on the kinetics of prothrombin activity: proposed mechanism of the potentiation of warfarin by D-thyroxine.
J Lab Clin Med 81:273-9, Feb 73
ANIMAL EXPERIMENTS/ *DEXTROTHYROXINE, pharmacodynamics/ DOGS/ DRUG SYNERGISM/ HALF-LIFE/ KINETICS/ PROTHROMBIN, biosynthesis/ *PROTHROMBIN, metabolism/ *WARFARIN, pharmacodynamics

8358. **Weise W:** Die Bedeutung der Leukozytengruppen für die Bluttransfusion.
Munch Med Wochenschr 114:1266-9, 14 Jul 72 (Ger)
*ANTIGENS/ BLOOD PLATELETS/ *BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ GRAFT REJECTION/ HUMAN/ LEUKOCYTES/ LYMPHOCYTES/ POLYMORPHISM (GENETICS)/ TISSUE DONORS/ TRANSPLANTATION, HOMOLOGOUS

8359. **Weise W:** Leukozytengruppen und Bluttransfusion.
Blut 27:1-5, Jul 73 (30 ref.) (Ger)
ANTIBODIES/ BLOOD PLATELETS/ *BLOOD TRANSFUSION/ BLOOD TRANSFUSION, adverse effects/ CELL SEPARATION/ FEMALE/ HEMODIALYSIS/ *HISTOCOMPATIBILITY ANTIGENS/ HISTOCOMPATIBILITY TESTING/ HUMAN/ KIDNEY, transplantation/ *LEUKOCYTES, immunology/ PLASMAPHERESIS/ POLYMORPHISM (GENETICS)/ PREGNANCY/ REFRIGERATION/ REVIEW/ TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION IMMUNOLOGY

8360. **Weisert O, Jeremic M:** Stability of coagulation factors I and X during collection and subsequent storage of bank blood in ACD-A and CPD solutions.
Vox Sang 24:377-9, Apr 73
ACIDS/ *ANTICOAGULANTS/ *BLOOD COAGULATION FACTORS/ *BLOOD PRESERVATION/ BLOOD SPECIMEN COLLECTION/ CITRATES/ *FACTOR X/ GLUCOSE/ HUMAN/ PHOSPHATES/ SPECTROPHOTOMETRY

8361. **Weisert O, Jeremic M:** Preservation of coagulation factors V and VIII during collection and subsequent storage of bank blood in ACD-A and CPD solutions.
Vox Sang 24:126-33, Feb 73
ACIDS/ *ANTICOAGULANTS/ BLOOD BANKS/ BLOOD COAGULATION TESTS/ *BLOOD PRESERVATION, standards/ BLOOD SPECIMEN COLLECTION/ CITRATES/ COMPARATIVE STUDY/ *FACTOR V/ *FACTOR VIII/ GLUCOSE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ PHOSPHATES/ PROTHROMBIN TIME

8362. **Weiss AE, Easterling WE Jr, Odom MH, et al:** Defibrination syndrome after intra-amniotic infusion of hypertonic saline.
Am J Obstet Gynecol 113:868-74, 1 Aug 72
*ABORTION, INDUCED, adverse effects/ ADOLESCENCE/ ADULT/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FACTOR V, analysis/ FACTOR VIII, analysis/ FEMALE/ FIBRIN, analysis/ FIBRINOGEN, analysis/ FIBRINOGEN, metabolism/ GESTATIONAL AGE/ HEMATOCRIT/ HUMAN/ HYPERTONIC SOLUTIONS/ PLASMA VOLUME/ PREGNANCY/ *SODIUM CHLORIDE, adverse effects

8363. **Weiss HJ:** Low-molecular-weight factor VIII.
Lancet 1:1000, 5 May 73
*ANTIGENS, analysis/ BINDING SITES, ANTIBODY/ CENTRIFUGATION, DENSITY GRADIENT/ *FACTOR VIII, analysis/ HUMAN/ MOLECULAR WEIGHT/ PRECIPITATION/ RADIOIMMUNOASSAY/ *VON WILLEBRAND'S DISEASE, blood

8364. **Weiss HJ:** Abnormalities in platelet function due to defects in the release reaction.
Ann NY Acad Sci 201:161-73, 27 Oct 72
ADENINE, metabolism/ ADENOSINE DIPHOSPHATE, secretion/ ASPIRIN, pharmacodynamics/ BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ *BLOOD PLATELET DISORDERS, blood/ BLOOD PLATELETS, secretion/ COLLAGEN/ ELECTROPHORESIS/ EPINEPHRINE, pharmacodynamics/ GLASS/ HUMAN/ KAOLIN, pharmacodynamics/ LIPOPROTEINS, blood/ *PLATELET ADHESIVENESS/ SEROTONIN, metabolism/ TRITIUM/ VON WILLEBRAND'S DISEASE, blood

8365. **Weiss HJ:** Bleeding disorders due to abnormal platelet function.
Med Clin North Am 57:517-30, Mar 73 (58 ref.)
ADENOSINE DIPHOSPHATE, pharmacodynamics/ ASPIRIN, adverse effects/ BLOOD COAGULATION/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ BLOOD PLATELET DISORDERS, chemically induced/ *BLOOD PLATELET DISORDERS, complications/ BLOOD PLATELET DISORDERS, congenital/ BLOOD PLATELET DISORDERS, etiology/ BLOOD PLATELET DISORDERS, physiopathology/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, physiology/ CLOT RETRACTION/ EPINEPHRINE, pharmacodynamics/ HEMOSTASIS/ HUMAN/ LIVER DISEASES, complications/ MYELOPROLIFERATIVE DISORDERS, complications/ PLATELET ADHESIVENESS, drug effects/ PROSTAGLANDINS, adverse effects/ REVIEW/ UREMIA, complications/ VON WILLEBRAND'S DISEASE, physiopathology

8366. **Weiss HJ:** The pharmacology of platelet inhibition.
Prog Hemostasis Thromb 1:199-231, 1972 (246 ref.)
ADENOSINE, pharmacodynamics/ ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ ADENOSINE DIPHOSPHATE, blood/ ADENOSINE TRIPHOSPHATE, blood/ ANTICOAGULANTS, pharmacodynamics/ ANTIHISTAMINICS, pharmacodynamics/ ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS/ BLOOD PLATELETS, cytology/ BLOOD PLATELETS, enzymology/ BLOOD PLATELETS, metabolism/ COLLAGEN, metabolism/ DIPYRIDAMOLE, pharmacodynamics/ HEXOSEPHOSPHATES, metabolism/ KREBS CYCLE/ MICROSCOPY, ELECTRON/ *PLATELET ADHESIVENESS/ PROSTAGLANDINS, pharmacodynamics/ REVIEW/ SEROTONIN, blood/ XANTHINES, pharmacodynamics

8367. **Weiss HJ, Ames RP:** Ultrastructural findings in storage pool disease and aspirin-like defects of platelets.
Am J Pathol 71:447-66, Jun 73
*ADENOSINE DIPHOSPHATE, metabolism/ *ASPIRIN, pharmacodynamics/ BLOOD PLATELET DISORDERS, familial & genetic/ *BLOOD PLATELET DISORDERS, pathology/ BLOOD PLATELET DISORDERS,

physiopathology/ *BLOOD PLATELETS, cytology/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, physiology/ COLLAGEN, pharmacodynamics/ CYTOPLASMIC GRANULES/ HUMAN/ MICROSCOPY, ELECTRON/ PLATELET ADHESIVENESS, drug effects/ SEROTONIN, pharmacodynamics

8368. **Weiss HJ, Berger RE, Tice AD, et al:** Fatal disseminated intravascular coagulation and hemolytic anemia following stibophen therapy: a study of basic mechanisms. Am J Med Sci 264:375-84, Nov 72
ADULT/ ANEMIA, HEMOLYTIC, ACQUIRED, blood/ *ANEMIA, HEMOLYTIC, ACQUIRED, chemically induced/ ANEMIA, HEMOLYTIC, ACQUIRED, immunology/ ANTIBODIES, analysis/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ DISSEMINATED INTRAVASCULAR COAGULATION, blood/ *DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ DISSEMINATED INTRAVASCULAR COAGULATION, immunology/ DISSEMINATED INTRAVASCULAR COAGULATION, physiopathology/ HEMOGLOBIN, analysis/ HEMOLYSIS, drug effects/ HEPARIN, therapeutic use/ HUMAN/ MALE/ RETICULOENDOTHELIAL SYSTEM, physiopathology/ SCHISTOSOMIASIS, drug therapy/ *STIBOPHEN, adverse effects/ THROMBOPENIA, etiology

8369. **Weiss HJ, Phillips LL, Hopewell WS, et al:** Heparin therapy in a patient bitten by a saw-scaled viper (Echis carinatus), a snake whose venom activates prothrombin. Am J Med 54:653-62, May 73
ANTIVENINS, therapeutic use/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION DISORDERS, therapy/ BLOOD PLATELETS, drug effects/ CELL AGGREGATION, drug effects/ *HEPARIN, therapeutic use/ HUMAN/ PROTHROMBIN/ SNAKE BITES, blood/ *SNAKE BITES, drug therapy/ SNAKES/ VENOMS, adverse effects

8370. **Weiss HJ, Rogers J:** Platelet factor 4 in platelet disorders--storage location and the requirement of endogenous ADP for its release.
Proc Soc Exp Biol Med 142:30-5, Jan 73
*ADENOSINE DIPHOSPHATE, metabolism/ ASPIRIN/ *BLOOD COAGULATION/ BLOOD PLATELET DISORDERS, chemically induced/ BLOOD PLATELET DISORDERS, familial & genetic/ *BLOOD PLATELET DISORDERS, metabolism/ *BLOOD PLATELETS/ BLOOD PLATELETS, drug effects/ COLLAGEN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ HUMAN/ PLATELET ADHESIVENESS/ SEROTONIN, metabolism

8371. **Weiss HJ, Rogers J:** Correction of the platelet abnormality in von Willebrand's disease by cryoprecipitate. Am J Med 53:734-8, Dec 72
ABO FACTORS/ ADULT/ BIOLOGICAL ASSAY/ BLOOD COAGULATION FACTORS/ *BLOOD PLATELET DISORDERS, therapy/ BLOOD TRANSFUSION/ BUFFERS/ CELL AGGREGATION/ CHILD/ COLD, therapeutic use/ FACTOR VIII, analysis/ FEMALE/ HEMOGLOBINOMETRY/ HEMOPHILIA, therapy/ HEMOSTASIS/ HUMAN/ MALE/ MIDDLE AGE/ PLASMA/ PLATELET ADHESIVENESS/ PRECIPITATION/ *VON WILLEBRAND'S DISEASE, therapy

8372. **Weiss HJ, Rogers J, Brand H:** Properties of the platelet retention (von Willebrand) factor and its similarity to the antihemophilic factor (AHF).
Blood 41:809-15, Jun 73
*BLOOD COAGULATION FACTORS, analysis/ CHROMATOGRAPHY/ *FACTOR VIII, analysis/ HUMAN/ *PLATELET ADHESIVENESS/ TIME FACTORS/ *VON WILLEBRAND'S DISEASE, blood/ VON WILLEBRAND'S DISEASE, diagnosis

8373. **Weiss JI:** Thrombocytopenic purpura: the dentist's responsibility. J Am Dent Assoc 87:165-8, Jul 73
ADULT/ CASE REPORT/ FEMALE/ *HEMORRHAGE, ORAL, etiology/ HUMAN/ MEDICAL HISTORY TAKING/ *ORAL MANIFESTATIONS/ PURPURA, THROMBOPENIC, complications/ *PURPURA, THROMBOPENIC, diagnosis/ PURPURA, THROMBOPENIC, drug therapy/ *TOOTH EXTRACTION, adverse effects

8374. **Weiss L, Chang MK:** Some effects of actinomycin D, cycloheximde and puromycin on cell adhesion.
J Cell Sci 12:655-64, Mar 73
AMINO ACIDS, metabolism/ CARBON ISOTOPES/ CARCINOMA, EHRLICH TUMOR, metabolism/ *CELL ADHESION, drug effects/ CELL COUNT/ *CYCLOHEXIMIDE, pharmacodynamics/ CYTOLOGICAL TECHNICS/ *DACTINOMYCIN, pharmacodynamics/ ELECTROPHORESIS/ *PUROMYCIN, pharmacodynamics/ TRYPSIN

8375. **Weiss L, Maslow DE:** Some effects of trypsin dissociation on the inhibition of reaggregation among embryonic chicken neural retina cells by cycloheximide. Dev Biol 29:482-5, Dec 72
ANIMAL EXPERIMENTS/ CELL ADHESION, drug effects/ *CELL AGGREGATION, drug effects/ CELLS, CULTURED/ CHICK EMBRYO/ *CYCLOHEXIMIDE, pharmacodynamics/ EYE PROTEINS, biosynthesis/ RETINA, cytology/ *RETINA, embryology/ *TRYPSIN

8376. **Weiss RC, Dutkin AR:** Central hemangioma of the maxilla: case report. J NJ Dent Assoc 44:25-6, Fall 72
HEMANGIOMA/ MAXILLARY NEOPLASMS/ SPECIAL LIST DENTAL

8377. **Weiss RL, Fraser D:** Surface structure of intact cells and spheroplasts of pseudomonas aeruginosa.
J Bacteriol 113:963-8, Feb 73
CELL MEMBRANE/ CELL WALL/ DIMETHYL SULFOXIDE/ EDTA/ FREEZE ETCHING/ HISTOLOGICAL TECHNICS/ *L FORMS, cytology/ MICROSCOPY, ELECTRON/ MURAMIDASE/ *PSEUDOMONAS AERUGINOSA, cytology/ SPHEROPLASTS/ TRYPSIN

8378. **Weissman B, Green RS, Roberts PT:** Frontal sinus barotrauma. Laryngoscope 82:2160-8, Dec 72
ADULT/ *ATMOSPHERIC PRESSURE/ *AVIATION MEDICINE/ *DIVING/ *FRONTAL SINUS, injuries/ FRONTAL SINUS, surgery/ HEMATOMA, diagnosis/ HEMATOMA, drug therapy/ *HEMATOMA, etiology/ HEMATOMA, surgery/ HUMAN/ MALE/ SINUSITIS, diagnosis/ SINUSITIS, drug therapy/ *SINUSITIS, etiology/ TREPHINING/ VASOCONSTRICTOR AGENTS, therapeutic use/ WOUNDS AND INJURIES, diagnosis/ WOUNDS AND INJURIES, drug therapy/ WOUNDS AND INJURIES, surgery

8379. **Weissman BW, Panettiere F:** Hemophilia in otolaryngology. Current concepts.
Arch Otolaryngol 95:526-9, Jun 72
ADOLESCENCE/ *CHOLESTEATOMA, surgery/ *EAR DISEASES, surgery/ FACTOR VIII, therapeutic use/ *HEMOPHILIA/ HEMOPHILIA, drug therapy/ HUMAN/ MALE/ TIME FACTORS

8380. **Weisz GM, Barzilai A:** Nonfulminant fat embolism: review of concepts on its genesis and physiopathology.
Anesth Analg (Cleve) 52:303-9, Mar 73 (38 ref.)
ADIPOSE TISSUE/ ADULT/ ANOXIA, etiology/ CEREBRAL EMBOLISM AND THROMBOSIS, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *EMBOLISM, FAT/ EMBOLISM, FAT, complications/ EMBOLISM, FAT, etiology/ EMBOLISM, FAT, physiopathology/ FATTY ACIDS, NONESTERIFIED, metabolism/ FEMALE/ HUMAN/ LIPID MOBILIZATION/ LIPIDS, metabolism/ MALE/ PULMONARY EMBOLISM, etiology/ PULMONARY VALVE INSUFFICIENCY, etiology/ REVIEW/ SHOCK, complications

8381. **Weitzel G, Stock W, Guglielmi H:** Stoffwechseleffekte von Argininderivaten. 3. Insulinähnliche Aktivität von L-Arginin-N,N-dialkylamiden in vitro.
Hoppe Seylers Z Physiol Chem 353:1661-70, Nov 72 (Ger)
ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, metabolism/ AMIDES, chem synthesis/ *AMIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ ARGININE, chem synthesis/ *ARGININE, pharmacodynamics/ DIAPHRAGM/ ENGLISH ABSTRACT/ FATTY ACIDS, NONESTERIFIED, analysis/ GLUCOSE, metabolism/ GLYCOGEN, analysis/ GLYCOGEN, metabolism/ IN VITRO/ INSULIN, pharmacodynamics/ MUSCLES, drug effects/ *MUSCLES, metabolism/ RATS/ RECEPTORS, HORMONE, drug effects/ STIMULATION, CHEMICAL/ TRYPSIN, pharmacodynamics

8382. **Wekerle H, Lanal P, Feldman M:** Diversity of T cells recognizing transplantation antigens: mechanism of antigen recognition. Transplant Proc 5:133-6, Mar 73
ANIMAL EXPERIMENTS/ ANTILYMPHOCYTE SERUM/ BINDING SITES, ANTIBODY/ CELL ADHESION/ CELLS, CULTURED/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ FIBROBLASTS/ GRAFT VS HOST REACTION, drug effects/ *HISTOCOMPATIBILITY ANTIGENS/ IMMUNE SERUMS, pharmacodynamics/ *IMMUNITY, CELLULAR/ IMMUNITY, CELLULAR, drug effects/ IMMUNOGLOBULINS, FAB/ LEUKOCYTE CULTURE TEST, MIXED/ LYMPHOCYTE TRANSFORMATION/ MICE/ MICE, INBRED C3H/ NEURAMINIDASE, pharmacodynamics/ RABBITS, immunology/ RATS/ RATS, INBRED LEW/ TEMPERATURE/ TRYPSIN, pharmacodynamics

8383. **Weksler BB, Coupal CE:** Platelet-dependent generation of chemotactic activity in serum.
J Exp Med 137:1419-30, 1 Jun 73
BLOOD COAGULATION/ BLOOD PLATELETS, immunology/ *BLOOD PLATELETS, physiology/ CELL MIGRATION INHIBITION/ *CHEMOTAXIS/ HUMAN/ INFLAMMATION, immunology/ LEUKOCYTES, immunology/ *LEUKOCYTES, physiology/ NEUTROPHILS, physiology/ PLATELET ADHESIVENESS/ TEMPERATURE

8384. **Weksler ME, Birnbasum G:** Lymphocyte transformation induced by autologous cells: stimulation by cultured lymphoblast lines.
J Clin Invest 51:3124-32, Dec 72
BINDING SITES/ CELL FRACTIONATION/ CELLS, CULTURED/ CONCANAVALIN A, pharmacodynamics/ DNA, biosynthesis/ DOSE-RESPONSE RELATIONSHIP, RADIATION/ FREEZING/ HUMAN/ *LEUKOCYTES, immunology/ *LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES, radiation effects/ MEMBRANES, ARTIFICIAL/ NEURAMINIDASE, pharmacodynamics/ PLANT AGGLUTININS, pharmacodynamics/ THYMIDINE, metabolism/ TRITIUM/ TRYPSIN, pharmacodynamics

8385. **Wel H van der, Loeve K:** Isolation and characterization of thaumatin I and II, the sweet-tasting proteins from Thaumatococcus daniellii Benth.
Eur J Biochem 31:221-5, 4 Dec 72
AMINO ACIDS, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ DISULFIDES/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ELECTROPHORESIS, STARCH GEL/ FRUIT/ GEL FILTRATION/ HEAT/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ *PLANT PROTEINS, isolation & purification/ *PLANTS, analysis/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SWEETENING AGENTS, analysis/ TRYPSIN/ ULTRACENTRIFUGATION/ ULTRAFILTRATION

8386. **Welch CE:** Abdominal surgery. I.
N Engl J Med 288:609-16, 22 Mar 73 (106 ref.)
*ABDOMEN, surgery/ AGED/ CARDIOSPASM, surgery/ DIAPHRAGMATIC HERNIA, surgery/ DUODENAL DISEASES, surgery/ DUODENAL ULCER, surgery/ ENTERITIS, REGIONAL, surgery/ ESOPHAGITIS, surgery/ FOLLOW-UP STUDIES/ GASTRECTOMY/ GASTRITIS, surgery/ HEMATOMA, surgery/ HEMORRHAGE, GASTROINTESTINAL, drug therapy/ HEMORRHAGE, GASTROINTESTINAL, surgery/ HUMAN/ INTESTINE, SMALL, surgery/ METHODS/ OBESITY, surgery/ PEPTIC ULCER HEMORRHAGE, surgery/ POSTOPERATIVE COMPLICATIONS/ REVIEW/ STOMACH NEOPLASMS, surgery/ STOMACH ULCER, surgery/ VAGOTOMY/ VASOPRESSIN, therapeutic use/ ZOLLINGER-ELLISON SYNDROME, surgery

8387. **Welch MH, Guenter CA, Hammarsten JF:** Precocious emphysema and alpha 1 antitrypsin deficiency.
Adv Intern Med 17:379-92, 1971 (55 ref.)
AUTOSOME ABNORMALITIES/ ELECTROCARDIOGRAPHY/ HEMODYNAMICS/ HETEROZYGOTE/ HUMAN/ *METABOLISM, INBORN ERRORS, complications/ METABOLISM, INBORN ERRORS, radiography/ *PULMONARY EMPHYSEMA, etiology/ PULMONARY EMPHYSEMA, familial & genetic/ PULMONARY EMPHYSEMA, immunology/ PULMONARY EMPHYSEMA, radiography/ REVIEW/ SPIROMETRY/ *TRYPSIN INHIBITORS, blood/ TRYPSIN INHIBITORS, metabolism

8388. **Weliky N, Weetall HH:** Behavior of antidinitrophenyl antigen-antibody complexes in hydrochloric acid and guanidine.
Immunochemistry 9:1121-7, Nov 72
ANTIBODY DISSOCIATION/ *ANTIGEN-ANTIBODY COMPLEX/ BINDING SITES, ANTIBODY/ CATTLE/ *DINITROPHENOLS/ FIBRINOGEN/ *GUANIDINES/ HAPTENS/ *HYDROCHLORIC ACID/ HYDROGEN-ION CONCENTRATION/ METHYLCELLULOSE/ RABBITS, immunology/ SERUM ALBUMIN, BOVINE/ SOLUBILITY/ SPECTROPHOTOMETRY

8389. **Weliky N, Weetall HH:** Studies of antigen-antibody interaction on some specific solid adsorbents derived from cellulose.
Immunochemistry 9:967-78, Oct 72
ADSORPTION/ ANTIBODIES, isolation & purification/ *ANTIBODY DISSOCIATION/ *ANTIGEN-ANTIBODY REACTIONS/ ANTIGENIC DETERMINANTS/ ARSENICALS/ CATTLE/ *CELLULOSE/ ESTRADIOL/ FIBRINOGEN/ HAPTENS/ HEMOCYANIN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ METHYLCELLULOSE/ MOLLUSCA/ NITROBENZENES/ RABBITS, immunology/ SERUM ALBUMIN, BOVINE/ STRUCTURE-ACTIVITY RELATIONSHIP

8390. **Welt SI, Graham JB, Kossove DB, et al:** Vitamin D-resistant rickets and hemophilia A--lack of close linkage on the X chromosome.
Am J Hum Genet 25:105-7, Jan 73
FEMALE/ GENES/ *HEMOPHILIA, familial & genetic/ HUMAN/ *LINKAGE (GENETICS)/ MALE/ PEDIGREE/ *RICKETS, VITAMIN D RESISTANT, familial & genetic/ *SEX CHROMOSOMES

8391. **Wemple RR, Mockros LF:** Pressure and flow in the systemic arterial system.
J Biomech 5:629-41, Nov 72
AORTA, anatomy & histology/ AORTA, physiology/ *ARTERIES, physiology/ BIOMECHANICS/ *BLOOD FLOW VELOCITY/ *BLOOD PRESSURE/ BLOOD VISCOSITY/ CARDIAC OUTPUT/ ELASTICITY/ HEART RATE/ HUMAN/ ILIAC ARTERY, anatomy & histology/ ILIAC ARTERY, physiology/ MATHEMATICS/ MODELS, BIOLOGICAL

8392. **Wen HL, Cheung SY:** Incidence of tumors in the nervous system in Hong Kong.
Int Surg 58:555-6, Aug 73
ADOLESCENCE/ ADULT/ AGE FACTORS/ *BRAIN NEOPLASMS, occurrence/ CHILD/ CRANIOPHARYNGIOMA, occurrence/ CYSTS,

occurrence/ FEMALE/ GLIOMA, occurrence/ HEMANGIOMA, occurrence/ HONG KONG/ HUMAN/ MALE/ MENINGIOMA, occurrence/ MIDDLE AGE/ MONGOLOID RACE/ NEOPLASM METASTASIS/ NEURILEMMOMA, occurrence/ PITUITARY NEOPLASMS, occurrence/ SPINAL CORD NEOPLASMS, occurrence

8393. **Wende S, Nakayama N:** Magnification angiography in orbital diseases. Neuroradiology 5:187-9, Aug 73
ADENOCARCINOMA, diagnosis/ *CEREBRAL ANGIOGRAPHY/ HEMANGIOMA, diagnosis/ HUMAN/ MENINGIOMA, diagnosis/ METHODS/ NEOPLASM METASTASIS/ OPHTHALMIC ARTERY, radiography/ *ORBITAL NEOPLASMS, diagnosis/ PHLEBOGRAPHY

8394. **Wendling F, Tambourin PE, Jullien P:** Hematopoietic colony-forming units in mice infected by the polycythemia-inducing friend virus. 3. Pattern of blood recovery in irradiated mice grafted with normal or infected spleen cells.
J Natl Cancer Inst 51:179-89, Jul 73
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *CELL DIFFERENTIATION/ CLONE CELLS/ ERYTHROCYTES/ FEMALE/ *FRIEND VIRUS/ *HEMATOPOIESIS/ LEUKEMIA, EXPERIMENTAL, therapy/ *LEUKEMIA, RADIATION-INDUCED, therapy/ LEUKOCYTES/ MALE/ MICE/ MICE, INBRED C3H/ *POLYCYTHEMIA, microbiology/ RETICULOCYTES/ *SPLEEN, transplantation/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS

8395. **Wendt P, Fietzek PP, Kühn K:** The covalent structure of collagen: the tryptic, thermolytic and chymotryptic peptides of 1-CB3 from calf skin collagen.
FEBS Lett 26:69-73, 1 Oct 72
AMINO ACIDS, analysis/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ *COLLAGEN, analysis/ CYANOGEN BROMIDE/ GEL FILTRATION/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PROTEIN CONFORMATION/ SKIN, analysis/ THERMOLYSIN/ TRYPSIN

8396. **Wendt P, Mark K von der, Rexrodt F, et al:** The covalent structure of collagen. The amino-acid sequence of the 112-residues. Amino-terminal part of peptide 1-CB6 from calf-skin collagen.
Eur J Biochem 30:169-83, 17 Oct 72
AMINO ACID SEQUENCE/ AUTOANALYSIS/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ CLOSTRIDIOPEPTIDASE A/ *COLLAGEN, analysis/ CRYSTALLIZATION/ CYANOGEN BROMIDE/ GEL FILTRATION/ HYDROXYPROLINE, analysis/ PEPTIDES/ *PEPTIDES, analysis/ PROTEIN CONFORMATION/ SKIN/ THERMOLYSIN/ TRYPSIN

8397. **Wengeler H, Seidel D:** Does lipoprotein-X (LP-X) act as a substrate for the lecithin: cholesterol acyltransferase (LCAT)?
Clin Chim Acta 45:429-32, 30 May 73
*ACYLTRANSFERASES, blood/ ACYLTRANSFERASES, metabolism/ BIOPSY/ CARBON ISOTOPES/ *CHOLESTASIS, enzymology/ CHOLESTEROL/ HEPARIN/ *HEPATITIS, enzymology/ HUMAN/ *JAUNDICE, OBSTRUCTIVE, enzymology/ LECITHINS/ *LIPOPROTEINS, blood/ LIPOPROTEINS, metabolism/ LIVER, pathology

8398. **Wenger NK, Hellerstein HK, Blackburn H, et al:** Uncomplicated myocardial infarction. Current physician practice in patient management.
JAMA 224:511-4, 23 Apr 73
AGE FACTORS/ ANTICOAGULANTS, therapeutic use/ CARDIOLOGY/ CORONARY CARE UNITS/ DIET THERAPY/ GENERAL PRACTICE/ HOSPITALIZATION/ HUMAN/ INTERNAL MEDICINE/ LENGTH OF STAY/ MYOCARDIAL INFARCT, drug therapy/ *MYOCARDIAL INFARCT, therapy/ PATIENT CARE PLANNING/ QUESTIONNAIRES/ SMOKING

8399. **Wenske G, Linneweh F:** Beta-Alanin-Vermehrung in Lympho- und Thrombocyten zur biochemischen diagnose der Cystinose.
Klin Wochenschr 50:1082-4, 1 Dec 72 (Ger)
*ALANINE, blood/ *BLOOD PLATELETS, analysis/ CHROMATOGRAPHY/ CYSTINE, blood/ *CYSTINOSIS, blood/ CYSTINOSIS, familial & genetic/ DISEASES IN TWINS/ ENGLISH ABSTRACT/ HETEROZYGOTE/ HUMAN/ *LYMPHOCYTES, analysis

8400. **Wenz W:** Perkutane transhepatische Cholangiographie.
Radiologe 13:41-6, Jan 73 (Ger)
ADOLESCENCE/ ADULT/ AGED/ BILE DUCT NEOPLASMS, radiography/ BLOOD COAGULATION TESTS/ CHILD/ CHILD, PRESCHOOL/ *CHOLANGIOGRAPHY/ CHOLANGIOGRAPHY, adverse effects/ COMMON BILE DUCT CALCULI, radiography/ FEMALE/ HUMAN/ INFANT/ JAUNDICE, OBSTRUCTIVE, radiography/ LIVER/ MALE/ MIDDLE AGE/ PANCREATIC NEOPLASMS, radiography/ PERITONITIS, etiology/ TECHNOLOGY, RADIOLOGIC

8401. **Wenz W:** Ursachen und Diagnose des Ileus. Angiographie.
Wien Z Inn Med 53:433-8, 1972 (Ger)
ADHESIONS, complications/ ANGIOGRAPHY/ DIAGNOSIS, DIFFERENTIAL/ DIAPHRAGMATIC HERNIA, complications/ FEMALE/ FOREIGN BODIES, complications/ HUMAN/ INTESTINAL NEOPLASMS, complications/ *INTESTINAL OBSTRUCTION/ INTESTINAL OBSTRUCTION, etiology/ INTESTINAL OBSTRUCTION, radiography/ INTESTINES, blood supply/ MALE/ MESENTERIC ARTERIES, radiography/ PERITONITIS, complications/ THROMBOEMBOLISM, complications

8402. **Werber MM, Greenzaid P:** Chymotrypsin-catalyzed reactions of phenyl hippurate with alcohols. Kinetic evidence for a binding site for nucleophiles.
Biochim Biophys Acta 293:208-16, 12 Jan 73
*ALCOHOLS/ BINDING SITES/ CATALYSIS/ *CHYMOTRYPSIN/ *HIPPURATES/ KINETICS/ *NUCLEIC ACIDS

8403. **Werblin T, Kim YT, Smith C, et al:** Technical problems in equilibrium dialysis.
Immunochemistry 10:3-7, Jan 73
AMINOCAPROIC ACID/ ANIMAL EXPERIMENTS/ ANTIBODY SPECIFICITY/ *ANTIGEN-ANTIBODY REACTIONS/ BINDING SITES, ANTIBODY/ CARBON ISOTOPES/ CATTLE/ CHROMATOGRAPHY, THIN LAYER/ *DIALYSIS/ DINITROPHENOLS/ GAMMA GLOBULIN/ GLYCINE/ *HAPTENS/ METHODS/ MODELS, CHEMICAL/ RABBITS, immunology/ TRITIUM

8404. **Werblin TP, Siskind GW:** Distribution of antibody affinities: technique of measurement.
Immunochemistry 9:987-1011, Oct 72
AMINOCAPROIC ACID/ ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ *ANTIBODY SPECIFICITY/ *ANTIGEN-ANTIBODY REACTIONS/ BINDING SITES, ANTIBODY/ CATTLE/ DINITROPHENOLS/ FEMALE/ FIBRINOGEN/ GAMMA GLOBULIN/ IMMUNIZATION/ KINETICS/ METHODS/ MODELS, CHEMICAL/ PRECIPITIN TESTS/ RABBITS/ TRITIUM

8405. **Werblińska B:** Prawidłowy obraz krwi obwodowej u dzieci zdrowych w wieku od 2 tygodno do 3 lat życia.
Acta Haematol Pol 3:5-21, Jan-Mar 72 (Pol)
AGE FACTORS/ *BLOOD CELLS/ BLOOD PLATELETS/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ ERYTHROCYTE COUNT/ HEMATOCRIT/ HEMOGLOBIN, analysis/ HUMAN/ INFANT/ INFANT, NEWBORN/ INTERNATIONAL COOPERATION/ LEUKOCYTE COUNT/ LYMPHOCYTES/ MONOCYTES/ POLAND/ RETICULOCYTES/ WORLD HEALTH ORGANIZATION

8406. **Werle E:** Entwicklungslinien und Ergebnisse der Kallikrein-Kininforschung.
Munch Med Wochenschr 115:225-30, 16 Feb 73 (Ger)
ANIMAL EXPERIMENTS/ BRADYKININ, physiology/ DOGS/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ FACTOR XII, physiology/ IODINE ISOTOPES/ KALLIKREIN/ KALLIKREIN, antagonists & inhibitors/ KALLIKREIN, biosynthesis/ KALLIKREIN, blood/ KALLIKREIN, physiology/ KALLIKREIN, urine/ KALLIKREIN-TRYPSIN INACTIVATOR/ *KININS/ KININS, antagonists & inhibitors/ KININS, blood/ KININS, physiology/ KININS, urine/ PANCREATIC JUICE, enzymology/ RATS/ SALIVA, enzymology

8407. **Werner A:** Réflexions sur les hémorragies méningo-cérébrales (Leur fréquence, leur étiologie.
Schweiz Arch Neurol Neurochir Psychiatr 111:485-92, 1972 (Fre)
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ ANGIOMATOSIS, complications/ BRAIN NEOPLASMS, complications/ *CEREBRAL HEMORRHAGE/ CEREBRAL HEMORRHAGE, etiology/ CEREBRAL HEMORRHAGE, mortality/ CEREBRAL HEMORRHAGE, occurrence/ CEREBRAL HEMORRHAGE, surgery/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERTENSION, complications/ MALE/ MIDDLE AGE/ SEX FACTORS/ SWITZERLAND

8408. **Werner G, Wetterfors J:** Treatment of pain in chronic pancreatitis by irradiation.
Acta Radiol [Ther] (Stockh) 12:9-16, Feb 73
ADULT/ AMYLASE, metabolism/ BLOOD SUGAR/ CHRONIC DISEASE/ COBALT ISOTOPES/ FEMALE/ FOLLOW-UP STUDIES/ GLUCOSE TOLERANCE TEST/ HUMAN/ LIPASE, metabolism/ MALE/ MIDDLE AGE/ PANCREATITIS, blood/ PANCREATITIS, enzymology/ *PANCREATITIS, radiotherapy/ RADIOTHERAPY, HIGH ENERGY/ TRYPSIN, metabolism

8409. **Werning C, Siegenthaler W:** La terapia dell'iperaldosteronismo secondario.
Minerva Med 64:664-6, 14 Mar 73 (Ita)
*ALDOSTERONE, antagonists & inhibitors/ AMINOGLUTETHIMIDE, therapeutic use/ BUTANONES, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ *HYPERALDOSTERONISM, drug therapy/ HYPERALDOSTERONISM, surgery/ METYRAPONE, therapeutic use/ SPIRONOLACTONE, therapeutic use/ TRIAMTERENE, therapeutic use/ TRIPARANOL, therapeutic use

8410. **Wesseling B, Stolz W:** Anwendung der Weichstrahltechnik bei der Röntgendiagnostik der peripherenarteriellen Durchblutungsstörungen.
Roentgenpraxis 25:125-9, Jun 72 (Ger)
*BLOOD COAGULATION DISORDERS, radiography/ HUMAN/ *REGIONAL BLOOD FLOW

8411. **Wessler S, Yin ET:** Theory and practice of minidose heparin in surgical patients. A status report.
Circulation 47:671-6, Apr 73 (30 ref.)
ADULT/ *HEPARIN, administration & dosage/ HEPARIN, blood/ HEPARIN, therapeutic use/ HEPARIN CO-FACTOR/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ IODINE ISOTOPES, DIAGNOSTIC/ LEG, blood supply/ PHLEBOGRAPHY/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ PULMONARY EMBOLISM, prevention & control/ RADIOISOTOPE SCANNING/ REGIONAL BLOOD FLOW/ REVIEW/ THIGH, blood supply/ *THROMBOEMBOLISM, prevention & control/ THROMBOPHLEBITIS, prevention & control/ THROMBOSIS, prevention & control/ TIME FACTORS

8412. **Wessler S, Yin ET, Flute PT, et al:** Thrombin-time test.
Lancet 2:877-8, 21 Oct 72
BLOOD COAGULATION, drug effects/ *BLOOD COAGULATION TESTS/ *HEPARIN, blood/ HEPARIN, pharmacodynamics/ HUMAN/ *THROMBIN

8413. **Westman BJ:** Serum creatinine and creatinine clearance after transfusion with ACD-adenine blood and ACD blood. Transfusion 12:371-5, Nov-Dec 72
ACIDS/ *ADENINE/ ADENINE, adverse effects/ BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ CITRATES/ *CREATININE, blood/ CREATININE, metabolism/ ERYTHROCYTES/ FEMALE/ GLUCOSE/ HEART SURGERY/ HUMAN/ KIDNEY FUNCTION TESTS/ MALE

8414. **Weston WJ:** Soft tissue signs in recent sub-luxation and dislocation of the acromio-clavicular joint.
Br J Radiol 45:832-4, Nov 72
ADIPOSE TISSUE, radiography/ CLAVICLE, radiography/ *EDEMA, etiology/ EDEMA, radiography/ *HEMATOMA, etiology/ HEMATOMA, radiography/ HUMAN/ MUSCLES, radiography/ SCAPULA, radiography/ *SHOULDER, radiography/ *SHOULDER DISLOCATION, radiography

8415. **Westwood RM, Tilson HB, Marengo-Rowe AJ, et al:** A new approach to the surgical management of patients with von Willebrand's disease.
J Oral Surg 31:483-6, Jun 73
ADOLESCENCE/ ADULT/ *AMINOCAPROIC ACID, therapeutic use/ BLOOD COAGULATION TESTS/ CHILD/ FACTOR VIII, analysis/ *FACTOR VIII, therapeutic use/ FEMALE/ *HEMORRHAGIC DIATHESIS, prevention & control/ HUMAN/ MALE/ *TOOTH EXTRACTION/ *VON WILLEBRAND'S DISEASE

8416. **Wetlaufer DB:** Nucleation, rapid folding, and globular intrachain regions in proteins.
Proc Natl Acad Sci USA 70:697-701, Mar 73
ALBUMINS/ CHYMOTRYPSIN/ IMMUNOGLOBULINS/ LACTATE DEHYDROGENASE/ MALATE DEHYDROGENASE/ *MODELS, STRUCTURAL/ MURAMIDASE/ MYOGLOBIN/ PANCREATOPEPTIDASE/ PAPAIN/ PHOSPHATASES/ PHOSPHOGLYCERATE KINASE/ *PROTEIN CONFORMATION/ RIBONUCLEASE/ RUBREDOXINS/ SERUM ALBUMIN, BOVINE/ SUBTILISINS/ THERMOLYSIN/ TRYPSIN/ TRYPSIN INHIBITORS

8417. **Wetterhus S:** Alvorlig trombocytopeni ved mononucleosis infectiosa.
Tidsskr Nor Laegeforen 92:2257-8, 30 Nov 72 (Nor)
ADOLESCENCE/ BLOOD CELL COUNT/ BLOOD PLATELET DISORDERS, complications/ *BLOOD PLATELET DISORDERS, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFECTIOUS MONONUCLEOSIS, complications/ INFECTIOUS MONONUCLEOSIS, physiopathology/ *INFECTIOUS MONONUCLEOSIS, therapy/ MENORRHAGIA, etiology/ *PREDNISONE, therapeutic use/ SPLENECTOMY

8418. **Wezel AL van:** New trends in the preparation of cell substrates for the production of virus vaccines.
Prog Immunobiol Stand 5:187-92, 1972
CELLS, CULTURED/ CULTURE MEDIA/ KIDNEY/ MONKEYS/ POLIOVIRUS, growth & development/ POLIOVIRUS, isolation & purification/ POLIOVIRUS VACCINE, isolation & purification/ TRYPSIN/ ULTRAFILTRATION/ *VIRAL VACCINES/ *VIRUS CULTIVATION/ VIRUS CULTIVATION, instrumentation

8419. **Whaun JM, Oski FA, Urmson J:** Experience with disseminated intravascular coagulation in a children's hospital. Can Med Assoc J 107:963-7, 18 Nov 72
AGE FACTORS/ CANADA/ *DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/

DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ HUMAN/ INFANT/ INFANT, NEWBORN

8420. **Whayne TF Jr, Witlak DT:** A comparative study of the inhibitory activity of clofibrate and related an alogs on lipoprotein lipase in vitro.
J Med Chem 16:228-31, Mar 73
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *CLOFIBRATE, pharmacodynamics/ DOSE-RESPONSE RELATIONSHIP, DRUG/ FATTY ACIDS, NONESTERIFIED, blood/ GUINEA PIGS/ HEPARIN/ HUMAN/ *LIPOPROTEIN LIPASE, antagonists & inhibitors/ LIPOPROTEIN LIPASE, blood/ LIPOPROTEIN LIPASE, metabolism/ METHODS/ MYOCARDIUM, enzymology/ RATS/ STRUCTURE-ACTIVITY RELATIONSHIP/ TRIGLYCERIDES, blood/ TRIOLEIN

8421. **Wheat MW Jr:** Treatment of dissecting aneurysms of the aorta: current status.
Prog Cardiovasc Dis 16:87-101, Jul-Aug 73 (25 ref.)
AORTIC ANEURYSM, diagnosis/ AORTIC ANEURYSM, drug therapy/ AORTIC ANEURYSM, etiology/ AORTIC ANEURYSM, mortality/ AORTIC ANEURYSM, occurrence/ AORTIC ANEURYSM, physiopathology/ AORTIC ANEURYSM, radiography/ AORTIC ANEURYSM, surgery/ *AORTIC ANEURYSM, therapy/ AORTOGRAPHY/ DOPA, therapeutic use/ GUANETHIDINE, therapeutic use/ HEMATOMA, complications/ HEMORRHAGE, complications/ HUMAN/ HYDROCHLOROTHIAZIDE, therapeutic use/ HYPERTENSION, complications/ KENTUCKY/ MEDIASTINUM/ PLEURAL EFFUSION, complications/ PROPRANOLOL, therapeutic use/ PROSPECTIVE STUDIES/ RESERPINE, therapeutic use/ REVIEW/ TRIMETHAPHAN, therapeutic use

8422. **Wheeler EE, Gavin JB, Herdson PB:** A scanning electron microscopy study of human heart valve allografts. Pathology 4:185-92, Jul 72
ANTIBIOTICS/ AORTIC VALVE, pathology/ AUTOPSY/ COLLAGEN/ EPITHELIAL CELLS/ ERYTHROCYTES/ FIBRIN/ *HEART VALVES, transplantation/ HUMAN/ LACTONES/ LEUKOCYTES/ LYMPHOCYTES/ MACROPHAGES/ MICROSCOPY, ELECTRON, SCANNING/ PULMONARY VALVE, pathology/ STERILIZATION/ TRANSPLANTATION, HOMOLOGOUS

8423. **Whitaker AN, Bunce I, Nicoll P, et al:** Interaction of angiotensin with disseminated intravascular coagulation: a possible mechanism in the genesis of acute renal failure. Am J Pathol 72:1-12, Jul 73
*ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ CAPILLARIES/ CREATININE, blood/ *DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ FIBRINOGEN/ KIDNEY, drug effects/ *KIDNEY CORTEX NECROSIS, etiology/ *KIDNEY FAILURE, ACUTE, etiology/ KIDNEY GLOMERULUS/ RABBITS/ RENIN, pharmacodynamics/ THROMBIN, pharmacodynamics/ THROMBOSIS, etiology

8424. **Whitaker AN, Emmerson BT:** Acute disseminated intravascular coagulation in systemic lupus erythematosus. Aust NZ J Med 2:182-7, May 72
ADULT/ BLOOD COAGULATION TESTS/ BLOOD PROTEINS, analysis/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FIBRINOLYSIS/ HUMAN/ LUPUS ERYTHEMATOSUS, SYSTEMIC, blood/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ LUPUS ERYTHEMATOSUS, SYSTEMIC, enzymology/ MALE/ PULMONARY EMBOLISM, etiology/ TRYPSIN INHIBITORS, blood

8425. **Whitaker AN, Emmerson BT, Bunce IH, et al:** Reversal of renal failure in Wegener's granulomatosis cy heparin. Am J Med Sci 265:399-406, May 73
AZATHIOPRINE, therapeutic use/ BIOPSY/ BLOOD COAGULATION TESTS/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ FEMALE/ FIBRIN, analysis/ *HEPARIN, therapeutic use/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ KIDNEY, pathology/ KIDNEY FAILURE, CHRONIC, complications/ *KIDNEY FAILURE, CHRONIC, drug therapy/ KIDNEY FAILURE, CHRONIC, etiology/ KIDNEY GLOMERULUS, pathology/ PREDNISONE, therapeutic use/ PREGNANCY/ WEGENER'S GRANULOMATOSIS, complications/ *WEGENER'S GRANULOMATOSIS, drug therapy/ WEGENER'S GRANULOMATOSIS, pathology

8426. **Whitcomb ME:** Drug-induced lung disease.
Chest 63:418-22, Mar 73 (33 ref.)
ANTIBIOTICS, adverse effects/ ANTICOAGULANTS, adverse effects/ ANTIHYPERTENSIVE AGENTS, adverse effects/ ASPIRATION/ BLEOMYCIN, adverse effects/ BUSULFAN, adverse effects/ CHLORPROPAMIDE, adverse effects/ CYCLOPHOSPHAMIDE, adverse effects/ DIACETYLMORPHINE, adverse effects/ DIPHENYLHYDANTOIN, adverse effects/ HEMORRHAGE, chemically induced/ HUMAN/ HYDROCHLOROTHIAZIDE, adverse effects/ HYPERTENSION, PULMONARY, chemically induced/ LEUKEMIA, LYMPHOBLASTIC, drug therapy/ LIPIDS, adverse effects/ LUNG, pathology/ *LUNG DISEASES, chemically induced/ LUNG DISEASES, pathology/ METHOTREXATE, adverse effects/ METHOTREXATE, therapeutic use/ METHYSERGIDE, adverse effects/ NITROFURANTOIN, adverse effects/ PULMONARY EDEMA, chemically induced/ REVIEW

8427. **Whitcomb ME, Rocklin RE:** Transfer factor therapy in a patient with progressive primary tuberculosis.
Ann Intern Med 79:161-6, Aug 73
ADULT/ AMINOSALICYLIC ACID, therapeutic use/ ANEMIA, APLASTIC, etiology/ CELL MIGRATION INHIBITION/ ETHAMBUTOL, therapeutic use/ FEMALE/ HUMAN/ IMMUNITY, CELLULAR/ *IMMUNITY, PASSIVE/ ISONIAZID, therapeutic use/ LYMPHOCYTES, metabolism/ MACROPHAGES, metabolism/ PLANT AGGLUTININS, pharmacodynamics/ PYRAZINAMIDE, therapeutic use/ RIFAMPIN, therapeutic use/ SPLENECTOMY/ STREPTODORNASE AND STREPTOKINASE, pharmacodynamics/ STREPTOMYCIN, therapeutic use/ THYMIDINE, metabolism/ TRITIUM/ TUBERCULIN TEST/ TUBERCULOSIS, PULMONARY, immunology/ TUBERCULOSIS, PULMONARY, radiography/ *TUBERCULOSIS, PULMONARY, therapy

8428. **White JG:** Ultrastructural defects in congenital disorders of platelet function.
Ann NY Acad Sci 201:205-33, 27 Oct 72
*BLOOD PLATELET DISORDERS, familial & genetic/ *BLOOD PLATELETS/ BLOOD PLATELETS, cytology/ CELL MEMBRANE/ HUMAN/ *MICROSCOPY, ELECTRON/ ORGANOIDS/ STRUCTURE-ACTIVITY RELATIONSHIP

8429. **White JG:** Uptake of latex particles by blood platelets: phagocytosis or sequestration?
Am J Pathol 69:439-58, Dec 72
*BLOOD PLATELETS/ CELL MEMBRANE/ CYTOPLASM/ HISTOCYTOCHEMISTRY/ HUMAN/ *LATEX PARTICLES/ MICROSCOPY, ELECTRON/ NEUTROPHILS/ *PHAGOCYTOSIS/ THORIUM DIOXIDE

8430. **White JG:** Exocytosis of secretory organelles from blood platelets incubated with cationic polypeptides.
Am J Pathol 69:41-54, Oct 72
AFIBRINOGENEMIA, blood/ AFIBRINOGENEMIA, pathology/ BLOOD

PLATELET DISORDERS, blood/ BLOOD PLATELET DISORDERS, pathology/ *BLOOD PLATELETS/ BLOOD PLATELETS, cytology/ BLOOD PLATELETS, drug effects/ CHILD/ DIMETHYLAMINES, pharmacodynamics/ HUMAN/ HYDROCARBONS, HALOGENATED, pharmacodynamics/ LYSINE, pharmacodynamics/ MICROSCOPY, ELECTRON/ ORGANOIDS/ *PEPTIDES, pharmacodynamics/ PLATELET ADHESIVENESS/ POLYAMINES, pharmacodynamics/ POLYMERS, pharmacodynamics

8431. **White JG, Conard WJ:** The fine structure of freeze-fractured blood platelets.
Am J Pathol 70:45-56, Jan 73
*BLOOD PLATELETS, cytology/ CELL MEMBRANE/ CYTOLOGICAL TECHNICS/ CYTOPLASM/ *FREEZE ETCHING/ HUMAN/ METHODS/ MICROSCOPY, ELECTRON

8432. **White JG, Krumwiede M:** Influence of cytochalasin B on the shape change induced in platelets by cold.
Blood 41:823-32, Jun 73
BLOOD PLATELETS, cytology/ *BLOOD PLATELETS, drug effects/ *COLD/ CYTOCHALASIN B, pharmacodynamics/ HUMAN/ *INDOLES, pharmacodynamics/ MICROSCOPY, ELECTRON/ *MONILIALES/ PSEUDOPODIA, drug effects

8433. **White JG, Witkop CJ:** Effects of normal and aspirin platelets on defective secondary aggregation in the Hermansky-Pudlak syndrome. A test for storage pool deficient platelets. Am J Pathol 68:57-66, Jul 72
ADULT/ *ALBINISM, blood/ ALBINISM, diagnosis/ *ASPIRIN, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ BONE MARROW CELLS/ *HEMORRHAGIC DIATHESIS, blood/ HEMORRHAGIC DIATHESIS, diagnosis/ HUMAN/ MACROPHAGES/ MALE/ METHODS/ *PLATELET ADHESIVENESS, drug effects

8434. **White JG, Witkop CJ Jr, Gerritsen SM:** The Hermansky-Pudlak syndrome: ultrastructure of bone marrow macrophages. Am J Pathol 70:329-43, Mar 73
ADULT/ ALBINISM, immunology/ *ALBINISM, pathology/ BIOPSY, NEEDLE/ *BONE MARROW CELLS, cytology/ BONE MARROW CELLS, immunology/ CELLULAR INCLUSIONS/ CHILD/ CYTOPLASM/ ERYTHROCYTES, immunology/ HEMATOLOGIC DISEASES, pathology/ HEMORRHAGIC DIATHESIS, immunology/ *HEMORRHAGIC DIATHESIS, pathology/ HISTOCYTOCHEMISTRY/ HUMAN/ LIPIDS/ *MACROPHAGES, cytology/ MACROPHAGES, immunology/ METABOLIC DISEASES, pathology/ MICROSCOPY, ELECTRON/ MICROSCOPY, FLUORESCENCE/ MICROSCOPY, PHASE CONTRAST/ PHAGOCYTOSIS/ PIGMENTS/ SYNDROME

8435. **White JG, Witkop CJ Jr, Gerritsen SM:** The Hermansky-Pudlak syndrome: inclusions in circulating leucocytes. Br J Haematol 24:761-5, Jun 73
*ALBINISM, blood/ BONE MARROW CELLS/ *CELLULAR INCLUSIONS/ *HEMORRHAGIC DIATHESIS, blood/ HUMAN/ *LEUKOCYTES/ MACROPHAGES/ MICROSCOPY, ELECTRON

8436. **White MK, Shepro D, Hechtman HB:** Pulmonary function and platelet-lung interaction.
J Appl Physiol 34:697-703, May 73
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, physiology/ CHROMIUM ISOTOPES/ DOGS/ DYE DILUTION TECHNIC/ LUNG COMPLIANCE/ PERFUSION/ PULMONARY CIRCULATION/ RESPIRATION/ VASCULAR RESISTANCE

8437. **Whitecar JP Jr, Bodey GP, Freireich EJ, et al:** Cyclophosphamide (NSC-26271), vincristine (NSC-67574), cytosine arabinoside (NSC-63878), and prednisone (NSC-10023) (COAP) combination chemotherapy for acute leukemia in adults.
Cancer Chemother Rep 56:543-50, Aug 72
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ BLOOD PLATELETS, drug effects/ *CYCLOPHOSPHAMIDE, administration & dosage/ CYCLOPHOSPHAMIDE, adverse effects/ CYCLOPHOSPHAMIDE, therapeutic use/ *CYTARABINE, administration & dosage/ CYTARABINE, adverse effects/ CYTARABINE, therapeutic use/ FEMALE/ HEPATITIS, TOXIC, etiology/ HUMAN/ *LEUKEMIA, drug therapy/ LEUKEMIA, mortality/ MALE/ MIDDLE AGE/ *PREDNISONE, administration & dosage/ PREDNISONE, adverse effects/ PREDNISONE, therapeutic use/ REMISSION/ *VINCRISTINE, administration & dosage/ VINCRISTINE, adverse effects/ VINCRISTINE, therapeutic use

8438. **Whitehead PH, Divall GB:** Assay of "soluble fibrinogen" in bloodstain extracts as an aid to identification of menstrual blood in forensic science: preliminary findings. Clin Chem 19:762-5, Jul 73
ADULT/ BLOOD COAGULATION/ *BLOOD STAINS/ BODY FLUIDS, analysis/ CAPILLARIES/ CLOTHING/ FEMALE/ FIBRIN, analysis/ *FIBRINOGEN, analysis/ FORENSIC MEDICINE/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS/ MALE/ *MENSTRUATION/ SEMEN, analysis/ SOLUBILITY/ VAGINA

8439. **Whitfield JB, Moss DW, Neale G, et al:** Changes in plasma -glutamyl transpeptidase activity associated with alterations in drug metabolism in man.
Br Med J 1:316-8, 10 Feb 73
*ACYLTRANSFERASES, blood/ ADULT/ AGED/ *AMOBARBITAL, pharmacodynamics/ *ANTIPYRINE, pharmacodynamics/ CHLORDIAZEPOXIDE, pharmacodynamics/ DIAZEPAM, pharmacodynamics/ ENZYME INDUCTION/ FEMALE/ GLUTAMYL TRANSPEPTIDASE, blood/ HUMAN/ MALE/ METHAQUALONE, pharmacodynamics/ MIDDLE AGE/ NITRAZEPAM, pharmacodynamics/ *SECOBARBITAL, pharmacodynamics/ TIME FACTORS/ WARFARIN, blood/ *WARFARIN, metabolism

8440. **Whitmore PG:** Microfibrillar material from various sources of keratin. Aust J Biol Sci 25:1373-6, Dec 72
ANIMAL EXPERIMENTS/ CATTLE/ CHICKENS/ CHYMOTRYPSIN/ *FEATHERS, analysis/ *HOOF AND CLAW, analysis/ *KERATIN, analysis/ MICROSCOPY, ELECTRON/ NOSE, analysis/ *SKIN, analysis

8441. **Whittaker JA, Tuddenham EG, Bradley J:** Hyperviscosity syndrome in IgA multiple myeloma.
Lancet 2:572, 8 Sep 73
AGED/ *BLOOD VISCOSITY/ EPISTAXIS, complications/ FEMALE/ *HEMORRHAGE, complications/ HEMORRHAGE, GASTROINTESTINAL, complications/ HUMAN/ *IGA/ IMMUNOELECTROPHORESIS/ MALE/ MIDDLE AGE/ *MULTIPLE MYELOMA, blood/ MULTIPLE MYELOMA, complications/ MULTIPLE MYELOMA, immunology/ SYNDROME

8442. **Whittaker LD Jr, Lynn HB:** Mediastinal tumors and cysts in the pediatric patient.
Surg Clin North Am 53:893-904, Aug 73
ADOLESCENCE/ BRONCHIAL DISEASES, surgery/ CHILD/ CYSTS, surgery/ FEMALE/ HEMANGIOMA, radiography/ HUMAN/ INFANT/ LYMPH NODES, pathology/ LYMPHANGIOMA, surgery/ MALE/ *MEDIASTINAL CYST/ MEDIASTINAL CYST, diagnosis/ MEDIASTINAL CYST, radiography/ MEDIASTINAL CYST, surgery/ *MEDIASTINAL NEOPLASMS/ MEDIASTINAL NEOPLASMS, diagnosis/ MEDIASTINAL NEOPLASMS, pathology/ MEDIASTINAL NEOPLASMS, radiography/ MEDIASTINAL NEOPLASMS, surgery/ NEOPLASMS, NERVOUS TISSUE, pathology/ TERATOID TUMOR, surgery/ THYMUS HYPERPLASIA, surgery

8443. **Whittaker RG, Fisher WK, Thompson EO:** Studies on monotreme proteins. I. Amino acid sequence of the

-chain of haemoglobin from the echidna, Tachyglossus aculeatus aculeatus. Aust J Biol Sci 25:989-1004, Oct 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CYANOGEN BROMIDE/ DANSYL COMPOUNDS/ *EDENTATA/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ *HEMOGLOBIN, analysis/ HORSES/ HUMAN/ MARSUPIALIA/ PEPTIDES, isolation & purification/ TRYPSIN

8444. **Whittemore AD, Williams JE:** Microsystem for collecting and shipping diagnostic sera. Appl Microbiol 24:671-2, Oct 72
AGGLUTINATION TESTS/ AGGLUTININS, analysis/ *BLOOD PRESERVATION/ *BLOOD SPECIMEN COLLECTION/ *IMMUNE SERUMS/ POULTRY, immunology/ SALMONELLA, immunology/ SPECIMEN HANDLING/ STYRENES

8445. **Whittington RM, Fairly JL, Majima H, et al:** BCNU (NSC-409962) in the treatment of bronchogenic carcinoma. Cancer Chemother Rep 56:739-43, Dec 72
*CARCINOMA, BRONCHOGENIC, drug therapy/ CARCINOMA, BRONCHOGENIC, radiotherapy/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ CYCLOPHOSPHAMIDE, therapeutic use/ HUMAN/ *LUNG NEOPLASMS, drug therapy/ LUNG NEOPLASMS, radiotherapy/ NITROSOUREA COMPOUNDS, adverse effects/ *NITROSOUREA COMPOUNDS, therapeutic use/ THROMBOPENIA, chemically induced/ TIME FACTORS

8446. **Whitworth JA, McIvor MA, Fairley KF, et al:** Urinary fibrin-degradation products and the site of urinary infection. Lancet 1:234-5, 3 Feb 73
ADULT/ ANTIBODIES, analysis/ BLADDER DISEASES, diagnosis/ BLADDER DISEASES, urine/ FEMALE/ FIBRIN, metabolism/ *FIBRIN, urine/ HUMAN/ KIDNEY DISEASES, diagnosis/ KIDNEY DISEASES, urine/ METHODS/ PROSPECTIVE STUDIES/ RECURRENCE/ URINARY CATHETERIZATION/ *URINARY TRACT INFECTIONS, diagnosis/ URINARY TRACT INFECTIONS, immunology

8447. **Whur P, Robson RT, Payne NE:** Changes in growth and adhesion of Ehrlich ascites tumour cells coated with trypsin inhibitor (soybean). Br J Cancer 28:80, Jul 73
ANIMAL EXPERIMENTS/ BINDING SITES/ *CARCINOMA, EHRLICH TUMOR, physiopathology/ CELL ADHESION, drug effects/ DNA, metabolism/ MICE/ SOY BEANS/ *TRYPSIN INHIBITORS, pharmacodynamics

8448. **Wicher V, Dolovich J:** Effects of human serum inhibitors on immunologic properties of B. subtilis alkaline proteinase. Immunochemistry 10:239-44, Apr 73
*ALPHA GLOBULIN, pharmacodynamics/ AUTORADIOGRAPHY/ *BACILLUS SUBTILIS, enzymology/ BACILLUS SUBTILIS, immunology/ ELECTROPHORESIS/ ESCHERICHIA COLI, drug effects/ GEL FILTRATION/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ IODINE ISOTOPES/ MACROGLOBULINS/ *PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ RABBITS, immunology/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SUBTILISINS, antagonists & inhibitors/ TIME FACTORS/ TRICHLOROACETIC ACID/ TRYPSIN/ TRYPSIN INHIBITORS, pharmacodynamics/ ULTRAFILTRATION

8449. **Wick A, Sulser H, Pflugshaupt R:** Erworbener isolierter Faktor-X-defekt bei generalisierter Amyloidose. Schweiz Med Wochenschr 102:1799-803, 9 Dec 72 (Ger)
ADULT/ AGED/ AMYLOID, blood/ *AMYLOIDOSIS, complications/ AUTOPSY/ BILIRUBIN, blood/ BIOPSY/ BLOOD PROTEIN ELECTROPHORESIS/ FACTOR X, analysis/ FEMALE/ FIBRINOGEN, analysis/ HEPATOMEGALY, pathology/ HUMAN/ *HYPOPROTHROMBINEMIAS, etiology/ IMMUNOELECTROPHORESIS/ MALE/ MIDDLE AGE/ PROTEINURIA, pathology/ SPLENOMEGALY, pathology/ SULFOBROMOPHTHALEIN, blood

8450. **Wick A, Sulser H, Pflugshaupt R:** Erworbener isolierter Faktor-X-Defekt bei generalisierter Amyloidose. Schweiz Med Wochenschr 102:1760-6, 2 Dec 72 (Ger)
AGED/ AMYLOID, metabolism/ *AMYLOIDOSIS, complications/ AMYLOIDOSIS pathology/ AUTOPSY/ BIOPSY/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ *FACTOR X/ HEMORRHAGIC DIATHESIS, diagnosis/ HUMAN/ *HYPOPROTHROMBINEMIAS, complications/ LIVER DISEASES, pathology/ LYMPH NODES/ MALE/ SPLENIC DISEASES, pathology/ SYNDROME

8451. **Wickerhauser M:** Factor VIII preparations. N Engl J Med 288:913, 26 Apr 73
*FACTOR VIII, standards/ HUMAN

8452. **Wickus GG, Rubenstein PA, Warth AD, et al:** Partial purification and some properties of the uridine diphospho-N-acetylglucosamine-enolpyruvate reductase from Staphylococcus epidermidis. J Bacteriol 113:291-4, Jan 73
AMMONIA, pharmacodynamics/ CARBON ISOTOPES/ CELL-FREE SYSTEM/ CHEMISTRY/ ENZYME ACTIVATION/ FAD, metabolism/ GEL FILTRATION/ HEXOSAMINES/ HEXOSAMINES, metabolism/ HYDROGEN-ION CONCENTRATION/ METHODS/ MURAMIC ACID, biosynthesis/ NADP, metabolism/ *OXIDOREDUCTASES, analysis/ OXIDOREDUCTASES, isolation & purification/ OXIDOREDUCTASES, metabolism/ POTASSIUM, pharmacodynamics/ PRECIPITATION/ PROTAMINES/ PYRUVATES/ *STAPHYLOCOCCUS, enzymology/ SULFATES/ TEMPERATURE/ ULTRACENTRIFUGATION

8453. **Wickus GG, Strominger JL:** Partial purification and properties of the pyruvate-uridine diphospho-N-acetylglucosamine transferase from Staphylococcus epidermidis. J Bacteriol 113:287-90, Jan 73
CALCIUM PHOSPHATES/ CARBON ISOTOPES/ CELL-FREE SYSTEM/ DITHIOTHREITOL/ GEL FILTRATION/ HEXOSAMINES, biosynthesis/ HYDROGEN-ION CONCENTRATION/ METHODS/ PHOSPHOENOLPYRUVATE, metabolism/ PRECIPITATION/ PROTAMINES/ PYRUVATES/ *STAPHYLOCOCCUS, enzymology/ SULFATES/ SULFHYDRYL REAGENTS, pharmacodynamics/ TEMPERATURE/ *TRANSFERASES, analysis/ TRANSFERASES, isolation & purification/ TRANSFERASES, metabolism/ ULTRACENTRIFUGATION

8454. **Widmann WD, Davidson SJ, Laubscher FA, et al:** Effects of splenectomy and splenosis on the blood and platelet count and red cell morphology. Milit Med 136:15-9, Jan 71
ANIMAL EXPERIMENTS/ *BLOOD CELL COUNT/ *BLOOD PLATELETS/ *ERYTHROCYTES, cytology/ LEUKOCYTE COUNT/ MALE/ RATS/ *SPLEEN, transplantation/ *SPLENECTOMY/ *TRANSPLANTATION, AUTOLOGOUS

8455. **Wiederanders B, Lasch J, Kirschke H, et al:** The suitability of bovine-lens leucine aminopeptidase for sequence analysis and limited hydrolysis of polypeptides. Eur J Biochem 36:504-8, 16 Jul 73
AMINO ACID SEQUENCE/ CATTLE/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ ELECTROPHORESIS, DISK/ HYDROLYSIS/ *LENS, CRYSTALLINE, enzymology/ *LEUCINE AMINOPEPTIDASE/ PEPTIDE PEPTIDOHYDROLASES/ PROLINE

8456. **Wiegers U, Hilz H:** Rapid isolation of undegraded

polysomal RNA without phenol.
FEBS Lett 23:77-82, 1 Jun 72
ALCOHOL, ETHYL/ CELL NUCLEUS, analysis/ CENTRIFUGATION, DENSITY GRADIENT/ CHLORIDES/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HELA CELLS, analysis/ HELA CELLS, metabolism/ LITHIUM/ METHODS/ PEPTIDE HYDROLASES, analysis/ PHENOLS/ *POLYRIBOSOMES, analysis/ *RNA, MESSENGER, isolation & purification/ RNA, RIBOSOMAL, isolation & purification/ SUCROSE/ TEMPERATURE/ TRITIUM/ URIDINE, metabolism

8457. **Wiegershausen B, Rostock G, Paegelow I:** Der Einfluss einiger Lokalanaesthetika auf die erregende Wirkung von Bradykinin am glatten Muskel. 3. Weitere Untersuchungen zur Verstärkung der Bradykininkontraktion am Meerschweinchen-Ileum durch Lokalanaesthetika und Chymotrypsin in Abhängigkeit von Temperatur und Elektrolytkonzentration.
Arch Int Pharmacodyn Ther 201:106-14, Jan 73 (Ger)
*ANESTHETICS, LOCAL, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BRADYKININ, pharmacodynamics/ CALCIUM, metabolism/ *CHYMOTRYPSIN, pharmacodynamics/ COCAINE, pharmacodynamics/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ GUINEA PIGS/ ILEUM, drug effects/ MUSCLE CONTRACTION, drug effects/ *MUSCLE, SMOOTH, drug effects/ POTASSIUM, metabolism/ PROCAINE, pharmacodynamics/ TEMPERATURE/ TETRACAINE, pharmacodynamics

8458. **Wiemers K, Vogel W, Mittermayer C, et al:** Lungenkomplikationen.
Langenbecks Arch Chir 332:537-43, 1972 (Ger)
ADULT/ ENGLISH ABSTRACT/ GERMANY, WEST/ HEPARIN, therapeutic use/ HUMAN/ INTENSIVE CARE UNITS/ MALE/ RESPIRATION, ARTIFICIAL/ RESPIRATORY INSUFFICIENCY, drug therapy/ *RESPIRATORY INSUFFICIENCY, etiology/ RESPIRATORY INSUFFICIENCY, therapy/ *SHOCK, TRAUMATIC, complications

8459. **Wierciński J, Mierzejewski T:** Badanie proteinaz w moczu królików po dożylnych iniekcjach białka. I. Stałe kinetyczne dla kazeinolitycznej proteinazy w fizjologicznym moczu królików nie indukowanych kazeiną.
Ann Univ Mariae Curie Sklodowska [Med] 26:91-8, 1971 (Pol)
ACETONE, urine/ ANIMAL EXPERIMENTS/ CASEIN, administration & dosage/ CASEIN, metabolism/ *CASEIN, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ MALE/ *PEPTIDE HYDROLASES, urine/ PRECIPITATION/ RABBITS/ SPECTROPHOTOMETRY

8460. **Wierzbowska A, Stępień R, Geraga W, et al:** Leptospiroza, przebiegająca pod postacią zakrzepowej plamicy małopłytkowej.
Wiad Lek 26:359-62, 15 Feb 73 (Pol)
AUTOPSY/ HUMAN/ LEPTOSPIROSIS, pathology/ MALE/ *PURPURA, THROMBOTIC THROMBOPENIC, diagnosis/ *WEIL'S DISEASE, diagnosis

8461. **Wieser O, Mähr H, Maieron B:** Uber die Blutstillung bei bronchoskopischen Eingriffen mit dem neuen Vasokonstriktor Ornithin-8-Vasopressin.
Wien Med Wochenschr 123:231-2, 7 Apr 73 (Ger)
ADOLESCENCE/ ADULT/ AGED/ *BRONCHOSCOPY/ CHILD/ DRUG COMBINATIONS/ FEMALE/ HEMORRHAGE, drug therapy/ *HEMOSTASIS/ HUMAN/ MALE/ MIDDLE AGE/ *ORNITHINE, therapeutic use/ *VASOCONSTRICTOR AGENTS, therapeutic use/ *VASOPRESSIN, therapeutic use

8462. **Wietzerbin-Falszpan J, Das BC, Gros C, et al:** The amino acids of the cell wall of Mycobacterium tuberculosis var. bovis, strain BCG. Presence of a poly(L-glutamic acid). Eur J Biochem 32:525-32, 1 Feb 73
ACETYLATION/ ALANINE, analysis/ AMINO ACIDS, analysis/ *BACTERIAL PROTEINS, analysis/ *CELL WALL, analysis/ CHYMOTRYPSIN, pharmacodynamics/ GEL FILTRATION/ *GLUTAMATES, analysis/ HYDROLYSIS/ MASS SPECTRUM ANALYSIS/ METHYLATION/ MURAMIDASE/ *MYCOBACTERIUM TUBERCULOSIS, analysis/ MYCOBACTERIUM TUBERCULOSIS, cytology/ PEPTIDOGLYCAN, analysis/ PIMELIC ACID, analysis/ SPECIES SPECIFICITY/ TRYPSIN, pharmacodynamics

8463. **Wigand R, Gelderblom H, Kron I, et al:** Structure, hemagglutinins, and subgroup position of adenovirus 20, 25, and 28.
Arch Gesamte Virusforsch 38:167-76, 1972
*ADENOVIRUS, classification/ ADENOVIRUS, immunology/ ADSORPTION/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, DEAE-CELLULOSE/ ERYTHROCYTES, immunology/ HELA CELLS/ HEMAGGLUTINATION INHIBITION TESTS/ HEMAGGLUTINATION TESTS/ HEMAGGLUTININS, VIRAL, analysis/ HUMAN/ MACACA, immunology/ MICROSCOPY, ELECTRON/ MONKEYS, immunology/ PHOSPHOTUNGSTIC ACID/ RATS, immunology/ STAINS AND STAINING/ TRYPSIN/ VIRAL PROTEINS/ VIRUS CULTIVATION

8464. **Wiggers KD, Jacobson NL, Getty R, et al:** Mode of cholesterol ingestion and atherosclerosis in the young bovine. Atherosclerosis 17:281-95, Mar-Apr 73
ANIMAL EXPERIMENTS/ AORTA, pathology/ *AORTIC DISEASES, chemically induced/ *ARTERIOSCLEROSIS, chemically induced/ CATTLE/ CHOLESTEROL, blood/ *CHOLESTEROL, DIETARY/ *CORONARY DISEASE, chemically induced/ CORONARY VESSELS, pathology/ DIET, ATHEROGENIC/ FECES, analysis/ LIVER/ MAGNESIUM, blood/ MUCOPOLYSACCHARIDES, metabolism/ ORGAN WEIGHT

8465. **Wijffels JC:** Het hemolytisch-uremisch syndroom.
Ned Tijdschr Geneeskd 116:1735-42, 23 Sep 72 (51 ref.) (Dut)
*ANEMIA, HEMOLYTIC, ACQUIRED/ DEXTRAN, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ DISSEMINATED INTRAVASCULAR COAGULATION/ HEMODIALYSIS/ HEMOLYTIC-UREMIC SYNDROME, diagnosis/ HEMOLYTIC-UREMIC SYNDROME, drug therapy/ HEMOLYTIC-UREMIC SYNDROME, etiology/ HEMOLYTIC-UREMIC SYNDROME, physiopathology/ HEMOLYTIC-UREMIC SYNDROME, therapy/ HEPARIN, therapeutic use/ HUMAN/ KIDNEY FAILURE, ACUTE, diagnosis/ PERITONEAL DIALYSIS/ REVIEW/ STREPTOKINASE, therapeutic use/ *UREMIA

8466. **Wiktor TJ, Clark HF:** Chronic rabies virus infection of cell cultures. Infect Immun 6:988-95, Dec 72
ANIMAL EXPERIMENTS/ ANTIGENS, VIRAL, analysis/ CARRIER STATE/ *CELL LINE/ CYTOPATHOGENIC EFFECT, VIRAL/ FLUORESCENT ANTIBODY TECHNIC/ HAMSTERS/ INTERFERON, analysis/ LIZARDS/ PLAQUE ASSAY/ *RABIES VIRUS, immunology/ RABIES VIRUS, pathogenicity/ SNAKES/ TRYPSIN, pharmacodynamics/ VESICULAR STOMATITIS VIRUS, immunology

8467. **Wilchek M, Gorecki M:** A new approach for the isolation of biologically active compounds by affinity chromatography: isolation of trypsin.
FEBS Lett 31:149-52, 1 Apr 73
ANTIBODIES, isolation & purification/ ANTIGEN-ANTIBODY COMPLEX/ CHROMATOGRAPHY, AFFINITY/ DINITROPHENOLS/ GEL FILTRATION/ GOATS, immunology/ METHODS/ SPECTROPHOTOMETRY, ULTRAVIOLET/ *TRYPSIN, isolation & purification/ TRYPSIN INHIBITORS

8468. **Wildbolz A:** Methotrexat in der Malariatherapie.

Ther Umsch 30:218-22, Mar 73 (Ger)
ADOLESCENCE/ ADULT/ BLOOD COAGULATION, drug effects/ CHILD/ ENGLISH ABSTRACT/ HEMATOCRIT/ HEMOGLOBIN/ HUMAN/ *MALARIA, drug therapy/ METHOTREXATE, pharmacodynamics/ *METHOTREXATE, therapeutic use/ PLASMODIUM MALARIAE, drug effects

8469. **Wilde J, Ampt HJ:** Die Einflubb von Fibrinolytika und Antifibrinolytika auf die Wundheilung. Eine experimentelle Studie.
Z Exp Chir 4:241-7, 1971 (Ger)
AMINOBENZOIC ACID, administration & dosage/ AMINOBENZOIC ACID, pharmacodynamics/ AMINOCAPROIC ACID, administration & dosage/ AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ ENGLISH ABSTRACT/ *FIBRINOLYTIC AGENTS, pharmacodynamics/ INDENES, administration & dosage/ INDENES, pharmacodynamics/ KALLIKREIN-TRYPSIN INACTIVATOR, administration & dosage/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ KETONES, administration & dosage/ KETONES, pharmacodynamics/ STREPTOKINASE, administration & dosage/ STREPTOKINASE, pharmacodynamics/ *WOUND HEALING, drug effects

8470. **Wilgis EF:** Tourniquet in reconstructive surgery of the hand. Handchirurgie 4:99-102, 1972
ADOLESCENCE/ ADULT/ BLOOD/ BLOOD COAGULATION/ CARBON DIOXIDE, blood/ HAND, blood supply/ *HAND, surgery/ HUMAN/ HYDROGEN-ION CONCENTRATION/ METHODS/ MIDDLE AGE/ PARTIAL PRESSURE/ *TOURNIQUETS/ VEINS

8471. **Wilke J, Walther I:** Uber den Nachweis von Heparin im Tonsillengewebe.
Monatsschr Ohrenheilkd Laryngorhinol 106:237-45, 1972 (Ger)
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ CHROMATOGRAPHY, PAPER/ ENGLISH ABSTRACT/ FEMALE/ *HEPARIN, analysis/ HUMAN/ INFANT/ MALE/ METHODS/ *TONSIL, analysis/ TONSILLECTOMY/ TONSILLITIS, surgery

8472. **Wilkins RJ, Hurvitz AI, Dodds-Laffin WJ:** Immunologically mediated thrombocytopenia in the dog. J Am Vet Med Assoc 163:277-82, 1 Aug 73
ANEMIA, HEMOLYTIC, AUTOIMMUNE, veterinary/ ANIMAL EXPERIMENTS/ ANTIBODIES/ BLOOD CELL COUNT/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ BLOOD PLATELETS, immunology/ COOMBS' TEST/ DOG DISEASES, drug therapy/ *DOG DISEASES, immunology/ DOGS/ FEMALE/ HEMATOCRIT/ IGG/ LEUKEMIA, LYMPHOCYTIC, veterinary/ LEUKOCYTE COUNT/ LIPOPROTEINS/ LUPUS ERYTHEMATOSUS, SYSTEMIC, veterinary/ MALE/ PURPURA, THROMBOPENIC, veterinary/ RABBITS, immunology/ THROMBOPENIA, drug therapy/ THROMBOPENIA, immunology/ *THROMBOPENIA, veterinary

8473. **Wilkinson EJ, Hosty TA, Straumfjord JV:** Alpha 1 -antitrypsin in amniotic fluid. Lancet 1:559, 10 Mar 73
*AMNIOTIC FLUID, analysis/ FEMALE/ FETAL DISEASES, diagnosis/ GESTATIONAL AGE/ HUMAN/ PREGNANCY/ PRENATAL DIAGNOSIS/ *TRYPSIN INHIBITORS, analysis

8474. **Wilkinson PC:** Characterization of the chemotactic activity of casein for neutrophil leucocytes and macrophages. Experientia 28:1051-2, 15 Sep 72
ANIMAL EXPERIMENTS/ CALCIUM CHLORIDE/ CASEIN, isolation & purification/ *CASEIN, pharmacodynamics/ *CHEMOTAXIS/ CHEMOTAXIS, drug effects/ CHYMOTRYPSIN, pharmacodynamics/ FIBRINOLYSIN, pharmacodynamics/ GEL FILTRATION/ GUINEA PIGS/ HUMAN/ *MACROPHAGES, drug effects/ MOLECULAR WEIGHT/ *NEUTROPHILS, drug effects/ PRECIPITATION/ RABBITS/ THROMBIN, pharmacodynamics/ TRYPSIN, pharmacodynamics

8475. **Wilkinson TS:** Tissue adhesives in cutaneous surgery. Arch Dermatol 106:834-6, Dec 72
AEROSOLS/ BIODEGRADATION/ *CYANOACRYLATES/ CYANOACRYLATES, administration & dosage/ HAIR, transplantation/ HEMOSTASIS/ HUMAN/ *SKIN, surgery/ SKIN, transplantation/ SURGERY, PLASTIC/ SUTURE TECHNICS/ TRANSPLANTATION, AUTOLOGOUS/ WOUND HEALING

8476. **Wilkinson TS, Tenery JH, Zufi D:** The skin graft donor site as a model for evaluation of hemostatic agents. Plast Reconstr Surg 51:541-4, May 73
ANIMAL EXPERIMENTS/ ANTIBODIES/ BIOPSY/ CATTLE/ *COLLAGEN, pharmacodynamics/ COLLAGEN, therapeutic use/ COMPARATIVE STUDY/ CRYSTALLIZATION/ CYANOACRYLATES, pharmacodynamics/ CYANOACRYLATES, therapeutic use/ GUINEA PIGS/ HEMAGGLUTINATION TESTS/ HEMOGLOBIN, analysis/ HEMORRHAGE, drug therapy/ *HEMOSTATICS/ HUMAN/ METHODS/ *SKIN, transplantation/ SKIN TESTS/ TRANSPLANTATION, AUTOLOGOUS/ WOUND HEALING

8477. **Willbanks OL, Fuller CH:** Femoral neuropathy due to retroperitoneal bleeding. An unusual complication of heparin therapy. Arch Intern Med 132:83-6, Jul 73
ADULT/ AGED/ BLOOD PRESSURE/ CREATINE KINASE, blood/ FEMALE/ FEMORAL ARTERY/ *FEMORAL NERVE/ HEMATOCRIT/ HEMORRHAGE, chemically induced/ *HEMORRHAGE, complications/ HEMORRHAGE, diagnosis/ HEPARIN, administration & dosage/ *HEPARIN, adverse effects/ HUMAN/ MALE/ MIDDLE AGE/ MUSCULAR DISEASES, etiology/ MYOCARDIAL INFARCT, drug therapy/ PAIN, etiology/ PERIPHERAL NERVE DISEASES, chemically induced/ PERIPHERAL NERVE DISEASES, diagnosis/ PERIPHERAL NERVE DISEASES, etiology/ PULSE/ *RETROPERITONEAL SPACE/ TACHYCARDIA, etiology

8478. **Williams A, Udris J:** Proteolytic enzymes. Function of the "Tosyl Hole" in reactions of -chymotrypsin. Hoppe Seylers Z Physiol Chem 353:688-9, May 72
BINDING SITES/ CHEMISTRY/ *CHYMOTRYPSIN/ NITROPHENOLS/ *SULFONES/ *TOLUENE/ TOSYL COMPOUNDS

8479. **Williams CW:** Delaying of flaps. A useful adjunct. Br J Plast Surg 26:61-5, Jan 73
ADULT/ BIOPSY/ DECUBITUS ULCER, surgery/ DRAINAGE/ FRACTURE FIXATION, INTERNAL/ HEMATOMA, prevention & control/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ SILICONE ELASTOMERS/ *SKIN, transplantation/ SURGICAL WOUND INFECTION, prevention & control/ TIME FACTORS/ TRANSPLANTATION, AUTOLOGOUS

8480. **Williams CW, Dickie WR, Colville J:** Silastic sheeting in hand surgery. Hand 4:273-6, Oct 72
ADHESIONS, prevention & control/ ADOLESCENCE/ ADULT/ CHILD/ FEMALE/ FINGER JOINT/ FINGERS, surgery/ *HAND, surgery/ HUMAN/ MALE/ POSTOPERATIVE COMPLICATIONS/ *SILICONES/ TENDONS, PARA-ARTICULAR

8481. **Williams GM, Sterioff S, Bias W:** Hyperacute and acute fulminating rejection of human renal allografts. Transplant Proc 4:665-7, Dec 72
ANTIBODIES, analysis/ ANTILYMPHOCYTE SERUM, therapeutic use/ AZATHIOPRINE,

therapeutic use/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ *GRAFT REJECTION/ HEMATOMA, SUBDURAL, complications/ HEMORRHAGE, diagnosis/ HEPARIN, therapeutic use/ HISTOCOMPATIBILITY TESTING/ HUMAN/ KIDNEY, pathology/ *KIDNEY, transplantation/ METHYLPREDNISOLONE, therapeutic use/ PREDNISONE, therapeutic use/ THROMBOSIS, diagnosis/ TRANSPLANTATION, HOMOLOGOUS

8482. **Williams JL: Plasma thromboplastin antecedent deficiency. Br J Oral Surg 10:126-32, Nov 72**
ADULT/ AGED/ AMINOCAPROIC ACID, therapeutic use/ BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ *FACTOR XI DEFICIENCY/ FACTOR XI DEFICIENCY, diagnosis/ FACTOR XI DEFICIENCY, therapy/ *HEMORRHAGE, ORAL, etiology/ HEMORRHAGE, ORAL, therapy/ HUMAN/ MALE/ *TOOTH EXTRACTION, adverse effects

8483. **Williams JP, Fowler GW: Gyriform calcifications following encephalitis. Neuroradiology 4:57-9, Jun 72**
ANGIOMATOSIS, radiography/ *BRAIN DISEASES, etiology/ *CALCINOSIS, etiology/ CALCINOSIS, radiography/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ *ENCEPHALITIS, complications/ ENCEPHALITIS, radiography/ FEMALE/ HUMAN

8484. **Williams KL, Smith E, Shaw DC, et al: Studies of the levels and synthesis of cytochrome c during adult development of the blowfly Lucilia cuprina. J Biol Chem 247:6024-30, 10 Oct 72**
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ CARBON ISOTOPES/ CHLORAMPHENICOL, pharmacodynamics/ CHLORELLA/ CHROMATOGRAPHY, PAPER/ CYCLOHEXIMIDE, pharmacodynamics/ CYTOCHROME C, analysis/ CYTOCHROME C, biosynthesis/ CYTOCHROME C, isolation & purification/ *CYTOCHROME C, metabolism/ DIPTERA, drug effects/ DIPTERA, growth & development/ *DIPTERA, metabolism/ ELECTROPHORESIS, PAPER/ FEMALE/ KINETICS/ LARVA, metabolism/ LYSINE, metabolism/ PEPTIDES, isolation & purification/ PROTEINS, metabolism/ PUPA, metabolism/ THORAX, metabolism/ TRYPSIN

8485. **Williams OB, McCaffrey JF, Lau OJ: Deep vein thrombosis in a Queensland hospital. Br Med J 1:517-9, 3 Mar 73**
ADULT/ AGE FACTORS/ AGED/ AUSTRALIA/ FEMALE/ FIBRINOGEN, diagnostic use/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ LEG, blood supply/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS, diagnosis/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, occurrence/ *THROMBOSIS, diagnosis/ ULTRASONICS

8486. **Williams R: Problems of fulminant hepatic failure. Br Med Bull 28:114-9, May 72 (33 ref.)**
ACUTE DISEASE/ ADRENAL CORTEX HORMONES, therapeutic use/ AMYLASE, blood/ BRAIN DISEASES, complications/ BRAIN STEM/ DIAZEPAM, therapeutic use/ DOPA, therapeutic use/ EXCHANGE TRANSFUSION/ EXTRACORPOREAL CIRCULATION/ HEMORRHAGIC DIATHESIS, drug therapy/ HEPARIN, therapeutic use/ HEPATIC COMA, complications/ HUMAN/ IODINE ISOTOPES/ JAUNDICE, complications/ *LIVER DISEASES/ LIVER DISEASES, complications/ LIVER DISEASES, drug therapy/ NECROSIS/ REVIEW/ SEROTHERAPY/ URINARY CATHETERIZATION

8487. **Williamson J: Vitreous surgery. Br Med J 2:666, 16 Jun 73**
ADULT/ *EYE DISEASES, drug therapy/ *FIBRINOLYTIC AGENTS, therapeutic use/ *HEMORRHAGE, drug therapy/ HUMAN/ MALE/ VITREOUS BODY, surgery

8488. **Williamson J, Forrester JV: Treatment of vitreous haemorrhage with urokinase. Lancet 808:888, 21 Apr 73**
ADULT/ AGED/ DIABETES MELLITUS, complications/ EYE INJURIES, complications/ FEMALE/ FIBRINOLYTIC AGENTS, administration & dosage/ *FIBRINOLYTIC AGENTS, therapeutic use/ *HEMORRHAGE, drug therapy/ HEMORRHAGE, etiology/ HUMAN/ MALE/ MIDDLE AGE/ VISUAL ACUITY/ *VITREOUS BODY

8489. **Williamson J, Forrester JV: Treatment of vitreous haemorrhage with urokinase. Lancet 1:888, 21 Apr 73**
ADULT/ AGED/ DIABETES MELLITUS, complications/ EYE INJURIES, complications/ FEMALE/ FIBRINOLYTIC AGENTS, administration & dosage/ *FIBRINOLYTIC AGENTS, therapeutic use/ *HEMORRHAGE, drug therapy/ HEMORRHAGE, etiology/ HUMAN/ MALE/ MIDDLE AGE/ VISUAL ACUITY/ *VITREOUS BODY

8490. **Willis AL, Kuhn DC: A new potential mediator of arterial thrombosis whose biosynthesis is inhibited by aspirin. Prostaglandins 4:127-30, Jul 73**
ANIMAL EXPERIMENTS/ ARACHIDONIC ACID, pharmacodynamics/ ASPIRIN, pharmacodynamics/ CHROMATOGRAPHY, THIN LAYER/ *FIBRINOLYTIC AGENTS, antagonists & inhibitors/ MALE/ *PLATELET ADHESIVENESS, drug effects/ PROSTAGLANDINS, biosynthesis/ SEMINAL VESICLES, enzymology/ SHEEP/ STIMULATION, CHEMICAL

8491. **Willoughby CP, Evans E, Stoker TA, et al: Arterial haemorrhage in a drug addict. Br Med J 2:307-8, 5 May 73**
ADULT/ BLOOD TRANSFUSION/ *DRUG ADDICTION, complications/ *FEMORAL ARTERY, injuries/ HEMATOMA, etiology/ *HEMORRHAGE, etiology/ HUMAN/ *INJECTIONS, INTRAVENOUS, adverse effects/ MALE/ STAPHYLOCOCCAL INFECTIONS, complications

8492. **Willoughby ML, Murphy AV, McMorris S, et al: Coagulation studies in haemolytic uraemic syndrome. Arch Dis Child 47:766-71, Oct 72**
*ANEMIA, HEMOLYTIC, ACQUIRED, blood/ BLOOD CELL COUNT/ *BLOOD COAGULATION/ BLOOD PLATELETS/ CHILD/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FACTOR V, analysis/ FACTOR VIII, analysis/ FEMALE/ FIBRINOGEN, analysis/ HEMOLYTIC-UREMIC SYNDROME, blood/ HEMOLYTIC-UREMIC SYNDROME, complications/ HEMOLYTIC-UREMIC SYNDROME, drug therapy/ HEPARIN, therapeutic use/ HUMAN/ INFANT/ MALE/ PLASMINOGEN, analysis/ *UREMIA, blood/ URINE

8493. **Wills ED: Effects of vitamin K and naphthoquinones on lipid peroxide formation and oxidative demethylation by liver microsomes. Biochem Pharmacol 21:1879-83, 1 Jul 72**
AMINOPYRINE, metabolism/ ANILINE COMPOUNDS, metabolism/ ANIMAL EXPERIMENTS/ IN VITRO/ KINETICS/ LIPIDS, antagonists & inhibitors/ *LIPIDS, biosynthesis/ *MICROSOMES, LIVER, metabolism/ NADP, metabolism/ *NAPHTHOQUINONES, pharmacodynamics/ OXIDATION-REDUCTION/ OXYGEN CONSUMPTION, drug effects/ PEROXIDES, antagonists & inhibitors/ *PEROXIDES, biosynthesis/ QUINONES, administration & dosage/ QUINONES, pharmacodynamics/ RATS/ VITAMIN K, administration & dosage/ *VITAMIN K, pharmacodynamics

8494. **Wilson BJ, McNab JM, Bentley H: The effect on chick growth of a trypsin inhibitor isolate from the field bean (Vicia faba L.). Br Poult Sci 13:521-3, Sep 72**
ANIMAL EXPERIMENTS/ *ANIMAL FEED/

ANIMAL FEED, analysis/ BODY WEIGHT/ *CHICKENS, growth & development/ FEMALE/ ORGAN WEIGHT/ PANCREAS, anatomy & histology/ PANCREAS, drug effects/ TRYPSIN INHIBITORS, isolation & purification/ *TRYPSIN INHIBITORS, pharmacodynamics

8495. **Wilson DE, Flowers CM, Reading JC:** Validation of a "clearing" assay for milk lipoprotein lipase in agarose gel. J Lipid Res 14:124-8, Jan 73
ANIMAL EXPERIMENTS/ CATTLE/ FEMALE/ GEL DIFFUSION TESTS/ HYDROLYSIS/ *LIPOPROTEIN LIPASE, isolation & purification/ METHODS/ MILK, analysis/ *MILK, enzymology

8496. **Wilson DR, Fedoroff S:** Demonstration of a heterophile antigen on clone 929-L cells and their variant, Le cells, by an indirect fluorescent antibody technique. In Vitro 8:68-76, Sep-Oct 72
ACETIC ACIDS/ ACETONE/ ADSORPTION/ AMNION/ *ANTIGENS, isolation & purification/ ANTIGENS, NEOPLASM, isolation & purification/ CELL LINE/ CELL MEMBRANE, immunology/ CLONE CELLS/ COOMBS' TEST/ DOGS, immunology/ FLUORESCENT ANTIBODY TECHNIC/ HELA CELLS, immunology/ HEMAGGLUTINATION TESTS/ HUMAN/ IMMUNE SERUMS/ *L CELLS, immunology/ *LE CELLS/ PEPTIDE HYDROLASES/ TRICHLOROACETIC ACID/ TRYPSIN

8497. **Wilson FE, Morse SR:** Therapy of acute meningococcal infections: early volume expansion and prophylactic low dose heparin. Am J Med Sci 264:445-55, Dec 72
ACUTE DISEASE/ ADULT/ BLOOD PRESSURE/ *BLOOD VOLUME/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ FEMALE/ HEMORRHAGE, complications/ HEMORRHAGE, drug therapy/ HEPARIN, administration & dosage/ HEPARIN, adverse effects/ *HEPARIN, therapeutic use/ HUMAN/ HYPOTENSION, complications/ HYPOTENSION, drug therapy/ MALE/ MENINGOCOCCAL INFECTIONS, blood/ *MENINGOCOCCAL INFECTIONS, drug therapy/ NEISSERIA MENINGITIDIS/ *PLASMA SUBSTITUTES, therapeutic use/ SEPTICEMIA, complications/ SEPTICEMIA, drug therapy

8498. **Wilson KA, Laskowski M Sr:** Isolation of three isoinhibitors of trypsin from garden bean, Phaseolus vulgaris, having either lysine or arginine at the reactive site. J Biol Chem 248:756-62, 10 Feb 73
AMINO ACIDS, analysis/ AMMONIUM SULFATE/ *ARGININE, analysis/ BINDING SITES/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHYMOTRYPSIN, antagonists & inhibitors/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ *LYSINE, analysis/ PEPTIDES, analysis/ *PLANTS, analysis/ SULFHYDRYL COMPOUNDS, analysis/ TRICHLOROACETIC ACID/ TRYPSIN/ TRYPSIN INHIBITORS, analysis/ *TRYPSIN INHIBITORS, isolation & purification

8499. **Wilson PD Jr, Amstutz HC, Czerniecki A, et al:** Total hip replacement with fixation by acrylic cement. A preliminary study of 100 consecutive McKee-Farrar prosthetic replacements.
J Bone Joint Surg [Am] 54:207-36, Mar 72
ACETABULUM, surgery/ ADULT/ AGED/ ANALGESIA/ ANTICOAGULANTS, therapeutic use/ ARTHRITIS, RHEUMATOID, surgery/ *ARTHROPLASTY/ *BONE CEMENTS/ CHROMIUM-COBALT ALLOYS/ EVALUATION STUDIES/ FEMALE/ FEMUR HEAD, surgery/ FOLLOW-UP STUDIES/ *HIP JOINT/ HUMAN/ *JOINT PROSTHESIS/ LOCOMOTION/ MALE/ *METHYLMETHACRYLATE/ MIDDLE AGE/ MYOSITIS OSSIFICANS, surgery/ OSTEOARTHRITIS, surgery/ OSTEOTOMY/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, prevention & control/ SPONDYLITIS, ANKYLOSING, surgery/ SURGICAL WOUND INFECTION/ THROMBOPHLEBITIS, prevention & control/ WOUND HEALING

8500. **Wilson RF, McCarthy B, LeBlanc LP, et al:** Respiratory and coagulation changes after uncomplicated fractures. Arch Surg 106:395-9, Apr 73
ADOLESCENCE/ ADULT/ AGED/ ALKALOSIS, RESPIRATORY, etiology/ ARM INJURIES, complications/ BLOOD CELL COUNT/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD PLATELET DISORDERS, etiology/ BLOOD PLATELETS/ BLOOD PRESSURE/ CARBON DIOXIDE, blood/ CHILD/ FEMALE/ FIBRINOGEN/ *FRACTURES, complications/ HUMAN/ LEG INJURIES, complications/ MALE/ MIDDLE AGE/ OXYGEN, blood/ OXYGEN CONSUMPTION/ PROSPECTIVE STUDIES/ PULMONARY ALVEOLI/ *RESPIRATORY INSUFFICIENCY, etiology

8501. **Wilson SS, Guilian RA, Hocker EV:** Studies of the stability of 18 chemical constituents of human serum. Clin Chem 18:1498-503, Dec 72
ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ *AUTOANALYSIS, standards/ BILIRUBIN, blood/ *BLOOD CHEMICAL ANALYSIS, standards/ BLOOD PRESERVATION/ BLOOD PROTEINS, analysis/ BLOOD SUGAR, analysis/ BLOOD UREA NITROGEN/ CALCIUM, blood/ CARBON DIOXIDE, blood/ CHLORIDES, blood/ CHOLESTEROL, blood/ CREATININE, blood/ DRUG STABILITY/ FREEZE DRYING/ HUMAN/ LACTATE DEHYDROGENASE, blood/ PHOSPHORUS, blood/ POTASSIUM, blood/ QUALITY CONTROL/ SERUM ALBUMIN, analysis/ SODIUM, blood/ TEMPERATURE/ URIC ACID, blood

8502. **Wilson WB:** Disseminated intravascular coagulation. J Miss State Med Assoc 13:420-6, Oct 72
*DISSEMINATED INTRAVASCULAR COAGULATION/ HUMAN

8503. **Wiltink WF, Esseveld MR, Gerbrandy J, et al:** Hyperviscosity in cold environment caused by a 6.5 S cryoglobulin in a patient with rheumatoid arthritis. Acta Med Scand 193:133-5, Jan-Feb 73
*ARTHRITIS, RHEUMATOID, blood/ ARTHRITIS, RHEUMATOID, complications/ BLOOD PROTEIN DISORDERS, etiology/ *BLOOD VISCOSITY/ *COLD, adverse effects/ *CRYOGLOBULINS, blood/ FEMALE/ HUMAN/ LEG ULCER, etiology/ MIDDLE AGE

8504. **Wilusz T, Lomako J, Mejbaum-Katzenellenbogen:** An improved method of isolation of crystalline basic trypsin inhibitor from bovine tissues. Acta Biochim Pol 20:25-31, 1973
ANIMAL EXPERIMENTS/ CATTLE/ ELECTROPHORESIS, DISK/ METHODS/ MYOCARDIUM, analysis/ PITUITARY GLAND, analysis/ THYROID GLAND, analysis/ *TRYPSIN INHIBITORS, isolation & purification

8505. **Wiman B, Wallén P:** Activation of human plasminogen by an insoluble derivative of urokinase. Structural changes of plasminogen in the course of activation to plasmin and demonstration of a possible intermediate compound. Eur J Biochem 36:25-31, 2 Jul 73
AMINO ACIDS, analysis/ AUTOANALYSIS/ AUTOLYSIS/ BENZOATES/ CHROMATOGRAPHY, AFFINITY/ DISULFIDES/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ ENZYME ACTIVATION/ FIBRINOLYSIN, analysis/ FIBRINOLYSIN, antagonists & inhibitors/ *FIBRINOLYSIN, metabolism/ *FIBRINOLYTIC AGENTS, metabolism/ GUANIDINES/ HUMAN/ MACROMOLECULAR SYSTEMS/

METHIONINE, analysis/ MOLECULAR WEIGHT/ NITROPHENOLS/ PEPTIDES, analysis/ PLASMINOGEN, analysis/ *PLASMINOGEN, metabolism/ VALINE, analysis

8506. **Winand RJ, Kohn LD:** Retrobulbar modifications in experimental exophthalmos: the effect of thyrotropin and an exophthalmos producing substance derived from thyrotropin on the 35SO4 incorporation and glycosaminoglycan content of Harderian glands.
Endocrinology 93:870-80, Sep 73
ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ CHONDROITIN, metabolism/ CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS/ *EXOPHTHALMOS PRODUCING SUBSTANCE, pharmacodynamics/ GLUCOSAMINE, metabolism/ GUINEA PIGS/ HEPARIN, metabolism/ HYALURONIC ACID, metabolism/ INTESTINE, SMALL, metabolism/ *LACRIMAL APPARATUS, drug effects/ LACRIMAL APPARATUS, metabolism/ *MUCOPOLYSACCHARIDES, metabolism/ PEPSIN/ *SULFATES, metabolism/ SULFUR ISOTOPES/ *THYROTROPIN, pharmacodynamics

8507. **Winch J:** A model which can be used to improve the treatment of acute hepatic failure.
Br J Surg 59:771-6, Oct 72
ALBUMINS, biosynthesis/ ANESTHESIA, GENERAL/ ANIMAL EXPERIMENTS/ BIOTRANSFORMATION/ BLOOD COAGULATION/ BLOOD PRESSURE, drug effects/ FIBRINOGEN, biosynthesis/ GLUCOSE, metabolism/ HALOTHANE/ HEPATIC COMA, therapy/ IODINE ISOTOPES/ LIVER, metabolism/ *LIVER DISEASES, therapy/ METHODS/ MODELS, BIOLOGICAL/ PARABIOSIS/ SULFOBROMOPHTHALEIN, metabolism/ SWINE

8508. **Winckelmann G:** Von-Willebrand-Jürgens-Syndrom.
Med Klin 68:37-42, 12 Jan 73 **(Ger)**
BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ CONTRACEPTIVES, ORAL, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ FACTOR VIII/ HEMOPHILIA, diagnosis/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ LUPUS ERYTHEMATOSUS, SYSTEMIC, diagnosis/ PLATELET ADHESIVENESS/ PURPURA, THROMBOPENIC, diagnosis/ PURPURA, THROMBOPENIC, familial & genetic/ THROMBELASTOGRAPHY/ *VON WILLEBRAND'S DISEASE/ VON WILLEBRAND'S DISEASE, diagnosis/ VON WILLEBRAND'S DISEASE, drug therapy/ VON WILLEBRAND'S DISEASE, familial & genetic/ VON WILLEBRAND'S DISEASE, history/ VON WILLEBRAND'S DISEASE, therapy

8509. **Winckelmann G:** Thrombopathien.
Med Klin 68:31-6, 12 Jan 73 (56 ref.) **(Ger)**
ADENOSINE DIPHOSPHATE/ AFIBRINOGENEMIA, complications/ ASPIRIN, pharmacodynamics/ *BLOOD PLATELET DISORDERS/ BLOOD PLATELET DISORDERS, chemically induced/ BLOOD PLATELET DISORDERS, complications/ BLOOD PLATELET DISORDERS, congenital/ BLOOD PLATELET DISORDERS, diagnosis/ BLOOD PLATELET DISORDERS, familial & genetic/ BLOOD PLATELET DISORDERS, therapy/ BLOOD PLATELETS, drug effects/ DIAGNOSIS, DIFFERENTIAL/ EHLERS-DANLOS SYNDROME, complications/ EOSINOPHILIA/ HEMATOLOGIC DISEASES, diagnosis/ HUMAN/ LEUKOCYTES/ LIVER CIRRHOSIS, complications/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ MACROGLOBULINEMIA, complications/ NEUTROPHILS/ PLATELET ADHESIVENESS/ PURPURA, THROMBOPENIC, familial & genetic/ REVIEW

8510. **Wincqz PJ, Verbist R:** Les complications de la résection endoscopique.
Acta Urol Belg 41:78-81, Jan 73 **(Fre)**
ANESTHESIA, EPIDURAL/ BLADDER, injuries/ *BLADDER, surgery/ *CYSTOSCOPY, adverse effects/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ HEMOLYSIS/ HEMORRHAGE, etiology/ HUMAN/ MALE/ *POSTOPERATIVE COMPLICATIONS/ *PROSTATE, surgery/ PULMONARY EDEMA, etiology/ RUPTURE/ SHOCK, SURGICAL/ URETHRA/ URINARY CATHETERIZATION, instrumentation/ WATER-ELECTROLYTE BALANCE

8511. **Windischbauer G, Schnetz H:** Nil nocere. Iatrogenes Hämoperikard mit Herzbeuteltamponade bei akuter benigner unspezifischer Perikarditis.
Munch Med Wochenschr 114:2049-53, 24 Nov 72 (Ger)
ANTICOAGULANTS, therapeutic use/ ANTICOAGULANTS, toxicity/ CARDIAC TAMPONADE, etiology/ DIAGNOSIS, DIFFERENTIAL/ DIAGNOSTIC ERRORS/ ENGLISH ABSTRACT/ HUMAN/ *IATROGENIC DISEASE/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, diagnosis/ MYOCARDIAL INFARCT, drug therapy/ PERICARDIAL EFFUSION, complications/ *PERICARDIAL EFFUSION, etiology/ PERICARDITIS, chemically induced/ PERICARDITIS, complications/ PERICARDITIS, diagnosis

8512. **Wingard LB Jr, Levy G:** Kinetics of anticoagulant effect of dicumarol in rats.
J Pharmacol Exp Ther 184:253-60, Jan 73
ANIMAL EXPERIMENTS/ BISHYDROXYCOUMARIN, analysis/ BISHYDROXYCOUMARIN, blood/ *BISHYDROXYCOUMARIN, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ CARBON ISOTOPES/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ERYTHROCYTES, drug effects/ HEMATOCRIT/ HUMAN/ KINETICS/ MALE/ OXALATES, pharmacodynamics/ PROTHROMBIN, analysis/ PROTHROMBIN, biosynthesis/ PROTHROMBIN TIME/ RATS/ SPECTROPHOTOMETRY/ TIME FACTORS/ WARFARIN, pharmacodynamics

8513. **Wingard M, Matsueda G, Wolfe RS:** Myxobacter AL-1 protease II: specific peptide bond cleavage on the amino side of lysine. J Bacteriol 112:940-9, Nov 72
AMINO ACIDS, analysis/ AMMONIUM SULFATE/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY/ CHROMATOGRAPHY, THIN LAYER/ CRYSTALLIZATION/ CYTOCHROME C, metabolism/ ELECTROPHORESIS/ HYDROGEN-ION CONCENTRATION/ INSULIN, metabolism/ *LYSINE/ MICROSCOPY, PHASE CONTRAST/ MOLECULAR WEIGHT/ MURAMIDASE, metabolism/ *PEPTIDE HYDROLASES/ PEPTIDE HYDROLASES, analysis/ PEPTIDE HYDROLASES, isolation & purification/ PEPTIDE HYDROLASES, metabolism/ *PEPTIDES, metabolism/ *POLYANGIUM, enzymology/ PRECIPITATION/ TEMPERATURE/ VASOPRESSIN, metabolism

8514. **Winkelstein A, Segel D, Stolzer BL, et al:** Immunosuppressive therapy.
Am J Med Sci 265:92-108, Feb 73
ANEMIA, HEMOLYTIC, AUTOIMMUNE, drug therapy/ ANTIGEN-ANTIBODY REACTIONS, drug effects/ ARTHRITIS, RHEUMATOID, drug therapy/ AZATHIOPRINE, therapeutic use/ CYCLOPHOSPHAMIDE, therapeutic use/ ENTERITIS, REGIONAL, drug therapy/ FEMALE/ GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, immunology/ GLUCOCORTICOIDS, therapeutic use/ HEPATITIS, drug therapy/ HEPATITIS, immunology/ HUMAN/ IMMUNITY, drug effects/ IMMUNITY, CELLULAR, drug effects/ *IMMUNOSUPPRESSION/ IMMUNOSUPPRESSIVE AGENTS, adverse effects/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ MALE/ MERCAPTOPURINE, therapeutic use/ METHOTREXATE, therapeutic use/ NEPHROTIC SYNDROME, drug therapy/ PURPURA, THROMBOPENIC, drug therapy

8515. **Winkler VW, Regnier FE, Yoder JM, et al:** GLC analysis of menadione bisulfite addition compounds by on-column pyrolysis to menadione.
J Pharm Sci 61:1462-5, Sep 72
CHROMATOGRAPHY, GAS/ DRUG STABILITY/ MASS SPECTRUM ANALYSIS/ SULFITES/ TEMPERATURE/ *VITAMIN K

8516. **Winninger AL:** L'ischémie aiguë de l'intestin et sa revascularisation.
J Chir (Paris) 104:441-50, Nov 72 (Fre)
ACIDOSIS, etiology/ ACUTE DISEASE/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD PRESSURE/ EMBOLISM, etiology/ ENGLISH ABSTRACT/ HUMAN/ *INTESTINAL DISEASES, etiology/ INTESTINAL OBSTRUCTION, surgery/ INTESTINES, blood supply/ INTESTINES, pathology/ *ISCHEMIA/ ISCHEMIA, complications/ ISCHEMIA, mortality/ ISCHEMIA, pathology/ MICROSCOPY, ELECTRON/ SHOCK, etiology

8517. **Winterbourn CC, Carrell RW:** Characterization of Heinz bodies in unstable haemoglobin haemolytic anaemia.
Nature (Lond) 240:150-2, 17 Nov 72
AMINO ACIDS, analysis/ *ANEMIA, HEMOLYTIC, CONGENITAL, blood/ ERYTHROCYTES, analysis/ ERYTHROCYTES, cytology/ FEMALE/ GEL FILTRATION/ *HEINZ BODIES, analysis/ HEINZ BODIES, metabolism/ *HEMOGLOBINS, ABNORMAL, analysis/ HEMOGLOBINS, ABNORMAL, metabolism/ HEMOLYSIS/ HUMAN/ PEPTIDES, analysis/ SPLENECTOMY/ TRYPSIN, metabolism

8518. **Wintzer G, Uhlenbruck G:** Action of different proteolytic enzymes on the surface of nucleated red cells. Z Klin Chem Klin Biochem 9:266-8, May 71
BLOOD PROTEINS, analysis/ CHICKENS/ *CHYMOTRYPSIN, metabolism/ DUCKS/ ERYTHROCYTES, analysis/ *ERYTHROCYTES, metabolism/ HYDROGEN-ION CONCENTRATION/ ISOELECTRIC FOCUSING/ MONILIALES, enzymology/ *MUCOPROTEINS, analysis/ NEURAMINIC ACIDS, analysis/ *PAPAIN, metabolism/ *PEPTIDE HYDROLASES, metabolism/ PHOSPHORUS, analysis/ *TRYPSIN, metabolism

8519. **Wirbatz W, Tzschirner L, Meyer M, et al:** Katheterismus der Vena cava mit dem Reservoirkatheter.
Dtsch Gesundheitsw 27:2101-5, 2 Nov 72 (Ger)
*CATHETERIZATION, adverse effects/ ENGLISH ABSTRACT/ HEPARIN/ HUMAN/ THROMBOPHLEBITIS, etiology/ THROMBOSIS, etiology/ TIME FACTORS/ VENA CAVA, SUPERIOR/ *VENAE CAVAE

8520. **Wisch N, Litwak RS, Luckban SB, et al:** Hematologic complications of open heart surgery.
Am J Cardiol 31:282-5, Feb 73 (35 ref.)
ANEMIA, HEMOLYTIC, etiology/ ANEMIA, HYPOCHROMIC, etiology/ AORTIC VALVE/ AUTOANTIBODIES/ BLOOD TRANSFUSION, adverse effects/ CYTOMEGALOVIRUSES/ DIAGNOSIS, DIFFERENTIAL/ *EXTRACORPOREAL CIRCULATION, adverse effects/ *HEART SURGERY, adverse effects/ HEART VALVE PROSTHESIS, adverse effects/ *HEMATOLOGIC DISEASES, etiology/ HEMOLYSIS/ HEMORRHAGE, etiology/ HEMORRHAGIC DIATHESIS, etiology/ HEPATITIS, etiology/ HERPESVIRUS INFECTIONS/ HUMAN/ MITRAL VALVE/ REVIEW

8521. **Wisdom C, Welker NE:** Membranes of Bacillus stearothermophilus: factors affecting protoplast stability and thermostability of alkaline phosphatase and reduced nicotinamide adenine dinucleotide oxidase. J Bacteriol 114:1336-45, Jun 73
ALKALINE PHOSPHATASE, analysis/ *ALKALINE PHOSPHATASE, metabolism/ *BACILLUS, enzymology/ BUFFERS/ CALCIUM, pharmacodynamics/ CENTRIFUGATION, DENSITY GRADIENT/ CULTURE MEDIA/ EDTA, pharmacodynamics/ LIPIDS, metabolism/ MAGNESIUM, pharmacodynamics/ MEMBRANES/ MICROSCOPY, ELECTRON/ MURAMIDASE/ NADH, NADPH OXIDOREDUCTASES, analysis/ NADH, NADPH OXIDOREDUCTASES, metabolism/ OSMOTIC FRAGILITY, drug effects/ *OXIDOREDUCTASES, metabolism/ PRONASE/ *PROTOPLASTS, enzymology/ TEMPERATURE/ TRYPSIN/ VIBRATION

8522. **Wiseman GM, Caird JD:** Further observations on the mode of action of the alpha toxin of Staphylococcus aureus "Wood-46". Can J Microbiol 18:987-92, Jul 72
ADSORPTION/ ANTITOXINS, pharmacodynamics/ CELL MEMBRANE, enzymology/ EDTA, pharmacodynamics/ ENZYME ACTIVATION/ ERYTHROCYTES, enzymology/ ERYTHROCYTES, immunology/ HEMOLYSIS/ IMMUNE SERUMS, pharmacodynamics/ MICE, immunology/ *PEPTIDE HYDROLASES, pharmacodynamics/ RABBITS, immunology/ SPECTROPHOTOMETRY/ STAPHYLOCOCCUS, enzymology/ *STAPHYLOCOCCUS, immunology/ *TOXINS, pharmacodynamics

8523. **Wiseman RL, Fothergill JE, Fothergill LA:** Replacement of asparagine by aspartic acid in hen ovalbumin and a difference in immunochemical reactivity. Biochem J 127:775-80, May 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ ANTIGENS/ *ASPARAGINE/ *ASPARTIC ACID/ CHICKENS, immunology/ CHYMOTRYPSIN/ EGG YOLK/ ELECTROPHORESIS, STARCH GEL/ FEMALE/ IMMUNE SERUMS/ *OVALBUMIN/ PEPTIDES, analysis/ TRYPSIN/ VARIATION (GENETICS)

8524. **Wisheart JD, Hassan MA, Jackson JW:** A complication of percutaneous cannulation of the internal jugular vein. Thorax 27:496-9, Jul 72
ADULT/ AORTIC VALVE, transplantation/ AORTIC VALVE STENOSIS, surgery/ *ARTERIES, injuries/ *CATHETERIZATION, adverse effects/ *CENTRAL VENOUS PRESSURE/ FEMALE/ HEMATOMA, etiology/ HEMORRHAGE, etiology/ HEMOTHORAX, etiology/ HUMAN/ *JUGULAR VEIN/ *NECK, blood supply/ POSTOPERATIVE COMPLICATIONS/ RESUSCITATION/ TRANSPLANTATION, HOMOLOGOUS

8525. **Wissing F, Christensen F:** The complexity of the inhibitory action of dicoumarol on the mixed function oxidase system of rat liver microsomes.
Biochem Pharmacol 22:581-9, 1 Mar 73
ANIMAL EXPERIMENTS/ ANISOLES, pharmacodynamics/ BINDING SITES/ *BISHYDROXYCOUMARIN, pharmacodynamics/ CYTOCHROME P-450, metabolism/ CYTOCHROME REDUCTASES, antagonists & inhibitors/ CYTOCHROMES, metabolism/ FERRICYANIDES, metabolism/ IN VITRO/ MALE/ METHYLTRANSFERASES, antagonists & inhibitors/ MICROSOMES, LIVER, drug effects/ *MICROSOMES, LIVER, enzymology/ NAD, metabolism/ NADP/ *OXIDOREDUCTASES, antagonists & inhibitors/ PROTEINS, metabolism/ RATS/ RATS, INBRED STRAINS/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TIME FACTORS

8526. **Witkop CJ Jr, Hill CW, Desnick S, et al:** Ophthalmologic, biochemical, platelet, and ultrastructural defects in the various types of oculocutaneous albinism.
J Invest Dermatol 60:443-56, Jun 73
*ALBINISM/ ALBINISM, complications/ ALBINISM, familial & genetic/ ALBINISM, pathology/ ALBINISM, physiopathology/ ALBINISM, urine/ BLOOD PLATELET DISORDERS, complications/ BLOOD PLATELETS, cytology/ BONE MARROW CELLS, analysis/ CELLULAR INCLUSIONS/ DOPA, urine/ GLYCOLIPIDS, urine/ HAIR, pathology/ HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ LIPIDS, analysis/ MACROPHAGES, analysis/ MELANOCYTES, cytology/ MICROSCOPY, ELECTRON/ NYSTAGMUS, etiology/ PIGMENTS, analysis/ PLATELET

ADHESIVENESS, drug effects/ SKIN, pathology/ VISUAL ACUITY

8527. **Witkop CJ Jr, White JG, Gerritsen SM, et al:** Hermansky-Pudlak syndrome (HPS): a proposed block in glutathione peroxidase.
Oral Surg 35:790-806, Jun 73
ADULT/ *ALBINISM/ *BONE MARROW CELLS/ FEMALE/ GLUTATHIONE, metabolism/ *HEMORRHAGIC DIATHESIS/ HISTOCYTOCHEMISTRY/ HUMAN/ *MACROPHAGES/ MALE/ MIDDLE AGE/ *ORAL MANIFESTATIONS/ *PEROXIDASES, metabolism

8528. **Witt CB Jr:** Problems with cardiac pacemakers in the aged. Geriatrics 27:92-5, Nov 72
ADHESIONS, etiology/ *AGED/ ANXIETY/ ARRHYTHMIA, therapy/ ATTITUDE TO HEALTH/ CICATRIX, etiology/ DIABETES MELLITUS/ ELECTRODES, IMPLANTED/ FEMALE/ HUMAN/ MALE/ *PACEMAKER, ARTIFICIAL/ PACEMAKER, ARTIFICIAL, adverse effects/ PSYCHOLOGY/ STAPHYLOCOCCAL INFECTIONS, etiology

8529. **Witzel L, Becker F, Fuchs HF, et al:** Pseudotumoren der Knochen bei Hämophilie.
Dtsch Med Wochenschr 98:206-9, 2 Feb 73 (Ger)
ADULT/ AMPUTATION/ *BONE DISEASES, etiology/ BONE DISEASES, surgery/ ENGLISH ABSTRACT/ FACTOR VIII, therapeutic use/ FEMORAL FRACTURES, complications/ *HEMATOMA, etiology/ HEMATOMA, surgery/ *HEMOPHILIA, complications/ HUMAN/ MALE

8530. **Wiznitzer T, Loewenthal M, Michowitz M, et al:** [The effect of Trasylol on experimental endotoxic shock and hemorrhagic necrosis of the intestine]
Harefuah 84:368-72, 1 Apr 73 (Heb)
ANIMAL EXPERIMENTS/ DOGS/ ENDOTOXINS/ ENGLISH ABSTRACT/ *HEMORRHAGE, GASTROINTESTINAL, chemically induced/ INJECTIONS, INTRAVENOUS/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ NECROSIS/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *SHOCK, ENDOTOXIC, complications/ SHOCK, ENDOTOXIC, mortality/ TIME FACTORS

8531. **Wocjan J, Gajewski Z:** Przypadek ziepowego zapalenia zbiorników podstawy mózgu o nietypowym przebiegu klinicznym.
Neurol Neurochir Pol 7:129-32, Jan-Feb 73 (Pol)
ADHESIONS, diagnosis/ ADHESIONS, etiology/ *ARACHNOIDITIS, diagnosis/ ARACHNOIDITIS, etiology/ CHILD/ CISTERNA MAGNA/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ HEAD INJURIES, complications/ HUMAN/ MALE/ NYSTAGMUS, diagnosis/ *OCCIPITAL LOBE/ VISION DISORDERS, etiology

8532. **Woessner JF Jr:** Cartilage cathepsin D and its action on matrix components. Fed Proc 32:1485-8, Apr 73
ANIMAL EXPERIMENTS/ CARTILAGE, drug effects/ *CARTILAGE, enzymology/ CARTILAGE, ARTICULAR/ CARTILAGE, ARTICULAR, enzymology/ *CATHEPSIN/ CATHEPSIN, pharmacodynamics/ CATTLE/ CHICK EMBRYO/ COLLAGEN/ EAR, EXTERNAL, enzymology/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ LEUKOCYTES, enzymology/ LIVER, enzymology/ LYSOSOMES, enzymology/ *MACROMOLECULAR SYSTEMS/ MUCOPOLYSACCHARIDES/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *POLYSACCHARIDES/ *PROTEINS/ RABBITS/ UTERUS, enzymology

8533. **Woessner JF Jr:** Purification of cathepsin D from cartilage and uterus and its action on the protein-polysaccharide complex of cartilage.
J Biol Chem 248:1634-42, 10 Mar 73
AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ ARGININE, pharmacodynamics/ *CARTILAGE, enzymology/ CATALYSIS/ *CATHEPSIN/ CATHEPSIN, antagonists & inhibitors/ CATHEPSIN, isolation & purification/ CATTLE/ CHICK EMBRYO/ CHLOROQUINE, pharmacodynamics/ CHROMATOGRAPHY, ION EXCHANGE/ FEMALE/ GEL FILTRATION/ HEMOGLOBIN/ HYDROGEN-ION CONCENTRATION/ INDOLES, pharmacodynamics/ INSULIN/ ISOELECTRIC FOCUSING/ KINETICS/ MOLECULAR WEIGHT/ *MUCOPOLYSACCHARIDES/ PEPTIDES, isolation & purification/ RABBITS/ *UTERUS, enzymology/ VISCOSITY

8534. **Wolf M, Ransberger K:** Der Einfluss von Vitamin A und-oder proteolytischen Enzymen auf embryonales Leber-, Haut- und-oder Tumorgewebe in der Gewebekultur.
Osterr Z Erforsch Bekaempf Krebskr 27:269-75, 1972 (Ger)
ANIMAL EXPERIMENTS/ CELL MEMBRANE PERMEABILITY, drug effects/ CELLS, CULTURED/ CHICK EMBRYO/ EMBRYO/ ENGLISH ABSTRACT/ HUMAN/ *LIVER, drug effects/ MICE/ *NEOPLASMS, drug therapy/ NEOPLASMS, metabolism/ NEOPLASMS, EXPERIMENTAL, drug therapy/ *PEPTIDE HYDROLASES, pharmacodynamics/ PEPTIDE HYDROLASES, therapeutic use/ *SKIN, drug effects/ *VITAMIN A, pharmacodynamics/ VITAMIN A, therapeutic use

8535. **Wolfenstein-Todel C, Frangione B, Franklin EC:** Structure of immunoglobulin A. II. Sequence around the hinge region and labile disulfide bonds of an immunoglobulin A2 myeloma protein.
Biochemistry 11:3971-5, 10 Oct 72
ALKYLATION/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CYSTEINE, analysis/ ELECTROPHORESIS/ GEL FILTRATION/ *IGA, analysis/ IMMUNOGLOBULIN FRAGMENTS, analysis/ *MYELOMA PROTEINS, analysis/ OXIDATION-REDUCTION/ PEPSIN/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PROLINE, analysis/ THIOCYANATES/ TOSYL COMPOUNDS/ TRYPSIN

8536. **Wolff H, Schwarzer R, Woschik E, et al:** Erfahrungen mit der orthotopen Lebertransplantation beim Hund.
Z Exp Chir 4:253-7, 1971 (Ger)
ANIMAL EXPERIMENTS/ DOGS/ ENGLISH ABSTRACT/ HEPARIN, administration & dosage/ LIGATION/ *LIVER, transplantation/ LIVER CIRCULATION/ MESENTERIC VEINS/ METHODS/ PORTAL VEIN/ TRANSPLANTATION, HOMOLOGOUS/ VENA CAVA, INFERIOR

8537. **Wolfson N, Fry DS:** L'incorporation de thymidine tritiée par les embryons d'oursin en présence de trypsine. C R Soc Biol (Paris) 166:1231-3, 1972 (Fre)
ANIMAL EXPERIMENTS/ CELL DIFFERENTIATION/ FEMALE/ OVUM, drug effects/ *OVUM, metabolism/ *SEA URCHINS, embryology/ *THYMIDINE, metabolism/ TRITIUM/ *TRYPSIN, pharmacodynamics

8538. **Wöllenweber HD, Stintz AR, Preusser KP, et al:** Die Hämophilie als chirurgisches Problem.
Zentralbl Chir 97:1541-50, 28 Oct 72 (Ger)
ADOLESCENCE/ ADULT/ BLOOD TRANSFUSION/ CHILD/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ FACTOR VIII, analysis/ *HEMOPHILIA/ HEMOPHILIA, complications/ HEMOPHILIA, therapy/ HEMORRHAGE, GASTROINTESTINAL, diagnosis/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ SURGERY, OPERATIVE

8539. **Wolloch Y, Dintsman M, Weiss A, et al:** Pneumatosis cystoides intestinalis of adulthood.
Arch Surg 104:723-6, Nov 72
ADHESIONS/ ADOLESCENCE/ AGED/ AUTOPSY/ EMPHYSEMA, complications/ FEMALE/ HUMAN/ INTESTINAL OBSTRUCTION, complications/ MALE/

MIDDLE AGE/ *PNEUMATOSIS CYSTOIDES INTESTINALIS/ PNEUMATOSIS CYSTOIDES INTESTINALIS, complications/ PNEUMATOSIS CYSTOIDES INTESTINALIS, pathology/ PNEUMATOSIS CYSTOIDES INTESTINALIS, radiography/ PNEUMOPERITONEUM, etiology/ STOMACH DISEASES, complications

8540. **Wolloch Y, Dintsman M, Weiss A:** Pneumatosis cystoides intestinalis of adulthood.
Arch Surg 105:723-6, Nov 72
ADHESIONS/ ADOLESCENCE/ AGED/ AUTOPSY/ EMPHYSEMA, complications/ FEMALE/ HUMAN/ INTESTINAL OBSTRUCTION, complications/ MALE/ MIDDLE AGE/ *PNEUMATOSIS CYSTOIDES INTESTINALIS/ PNEUMATOSIS CYSTOIDES INTESTINALIS, complications/ PNEUMATOSIS CYSTOIDES INTESTINALIS, pathology/ PNEUMATOSIS CYSTOIDES INTESTINALIS, radiography/ PNEUMOPERITONEUM, etiology/ STOMACH DISEASES, complications

8541. **Wolpowitz A, Voss TJ, Barnard CN, et al:** The postoperative intensive care after cardiac surgery in the neonate. S Afr Med J 47:472-9, 17 Mar 73
ACIDOSIS, drug therapy/ ALKALOSIS, drug therapy/ ANTIBIOTICS, therapeutic use/ BLOOD TRANSFUSION/ BODY TEMPERATURE/ DIGOXIN, administration & dosage/ DIURETICS, therapeutic use/ DRAINAGE/ GLUCOSE, therapeutic use/ HEART ARREST, therapy/ *HEART DEFECTS, CONGENITAL, surgery/ HUMAN/ HYPOGLYCEMIA, drug therapy/ HYPOPROTEINEMIA, drug therapy/ INFANT, NEWBORN/ INTUBATION, INTRATRACHEAL, adverse effects/ ISOPROTERENOL, therapeutic use/ PARENTERAL FEEDING/ POSITIVE-PRESSURE RESPIRATION/ *POSTOPERATIVE CARE/ SERUM ALBUMIN, therapeutic use/ THROMBOPENIA, therapy/ WATER-ELECTROLYTE BALANCE

8542. **Wolstenholme DR, McLaren JD, Koike K, et al:** Catenated oligomeric circular DNA molecules from mitochondria of malignant and normal mouse and rat tissues. J Cell Biol 56:247-55, Jan 73
ANIMAL EXPERIMENTS/ *DNA/ DNA, CIRCULAR, isolation & purification/ DNA, MITOCHONDRIAL, isolation & purification/ *DNA, NEOPLASM/ HEMATOMA/ LIVER, analysis/ LIVER REGENERATION/ MICE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, LIVER/ NEOPLASMS, EXPERIMENTAL/ RATS

8543. **Womack JE, Fitzgerald KB:** Comparative tissue distribution and substrate specificity of electrophoretical distinct peptidases in the rabbit, the rat and the gerbil.
Comp Biochem Physiol [B] 44:915-21, 15 Mar 73
AMINOPEPTIDASES, analysis/ ANIMAL EXPERIMENTS/ DIPEPTIDASES, analysis/ DUODENUM, enzymology/ ELECTROPHORESIS, STARCH GEL/ ERYTHROCYTES, enzymology/ GERBILS/ ISOENZYMES, analysis/ ISOENZYMES, blood/ KIDNEY, enzymology/ ORGAN SPECIFICITY/ PEPTIDE HYDROLASES, analysis/ *PEPTIDE HYDROLASES, blood/ PEPTIDE HYDROLASES, metabolism/ RABBITS/ RATS/ SPECIES SPECIFICITY

8544. **Wong P, Colman RW, Talamo RC, et al:** Kallikrein-bradykinin system in chronic alcoholic liver disease. Ann Intern Med 77:205-9, Aug 72
ADULT/ AGED/ *ALCOHOLISM, blood/ ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BLOOD PROTEINS, analysis/ BLOOD UREA NITROGEN/ *BRADYKININ, blood/ CHRONIC DISEASE/ CREATININE, blood/ ENZYME PRECURSORS, blood/ FACTOR XII, analysis/ FEMALE/ HUMAN/ *KALLIKREIN, blood/ KALLIKREIN-TRYPSIN INACTIVATOR, blood/ KIDNEY DISEASES, blood/ KIDNEY DISEASES, etiology/ *LIVER CIRRHOSIS, blood/ LIVER CIRRHOSIS, complications/ MALE/ METHODS/ MIDDLE AGE/ PROTHROMBIN TIME

8545. **Woo J, Cater DB:** A study of the cell surface of tumour, foetal and lymph-node cells by cell electrophoresis after antibody and enzymic treatment.
Biochem J 128:1273-84, Aug 72
ANIMAL EXPERIMENTS/ ANTIGENS/ CELL MEMBRANE, immunology/ COMPLEMENT/ CYTOLOGICAL TECHNICS/ ELECTROPHORESIS/ FEMALE/ FETUS, enzymology/ *FETUS, immunology/ HEPATOMA, enzymology/ HEPATOMA, immunology/ IGM/ IMMUNE SERUMS/ IN VITRO/ LIVER, enzymology/ *LIVER, immunology/ LIVER NEOPLASMS, enzymology/ *LIVER NEOPLASMS, immunology/ LYMPH NODES, enzymology/ *LYMPH NODES, immunology/ NEURAMINIC ACIDS/ NEURAMINIDASE, pharmacodynamics/ RABBITS/ RABBITS, immunology/ RATS/ RIBONUCLEASE, pharmacodynamics/ SURFACE PROPERTIES/ TRYPSIN, pharmacodynamics

8546. **Wood JE:** The cardiovascular effects of oral contraceptives.
Mod Concepts Cardiovasc Dis 41:37-40, Aug 72 (13 ref.)
ALDOSTERONE, blood/ ANGIOTENSIN, blood/ BLOOD COAGULATION, drug effects/ BLOOD FLOW VELOCITY/ BLOOD VESSELS, drug effects/ *CARDIOVASCULAR SYSTEM, drug effects/ CEREBROVASCULAR DISORDERS, chemically induced/ CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ESTROGENS, adverse effects/ ESTROGENS, pharmacodynamics/ FEMALE/ HUMAN/ HYPERTENSION, chemically induced/ MIGRAINE, chemically induced/ MUSCLE, SMOOTH, drug effects/ MYOCARDIAL INFARCT, chemically induced/ PLATELET ADHESIVENESS, drug effects/ PREGNANCY/ PULMONARY EMBOLISM, chemically induced/ RENIN, blood/ REVIEW/ THROMBOEMBOLISM, chemically induced/ THROMBOSIS, chemically induced/ VARICOSE VEINS/ VEINS, drug effects

8547. **Wood LA, Beutler E:** The effect of periodic mixing on the preservation of 2,3-diphosphoglycerate (2,3-DPG) levels in stored blood. Blood 42:17-25, Jul 73
ADENOSINE TRIPHOSPHATE, blood/ BLOOD/ *BLOOD PRESERVATION/ BLOOD SUGAR, analysis/ BLOOD TRANSFUSION, adverse effects/ DIPHOSPHOGLYCERIC ACIDS, blood/ ERYTHROCYTES, physiology/ *GLYCERIC ACIDS, blood/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *ORGANOPHOSPHORUS COMPOUNDS, blood/ OXYGEN, metabolism/ SOLUTIONS/ TIME FACTORS

8548. **Wood N, Bashir H, Greally J, et al:** A simple method of freezing and storing live lymphocytes.
Tissue Antigens 2:27-31, 1972
*BLOOD PRESERVATION/ CRYOPROTECTIVE AGENTS/ CYTOTOXICITY TESTS, IMMUNOLOGIC/ DIMETHYL SULFOXIDE/ *FREEZING/ GLUCOSE/ HISTOCOMPATIBILITY TESTING/ HUMAN/ ISOANTIBODIES, analysis/ LYMPHOCYTE TRANSFORMATION, drug effects/ *LYMPHOCYTES/ METHODS/ PLANT AGGLUTININS, pharmacodynamics

8549. **Wood PJ, Karpawich PP:** Studies of the coagulation process in the crayfish, Orconectes virilis: attempts to identify a fibrinogen-like factor.
Comp Biochem Physiol [B] 42:41-8, 15 May 72
ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ BLOOD COAGULATION/ *BLOOD COAGULATION FACTORS, metabolism/ BLOOD COAGULATION TESTS/ CALCIUM CHLORIDE, pharmacodynamics/ CATTLE/ CELL-FREE SYSTEM/ CRAYFISH, metabolism/ *CRAYFISH, physiology/ ELECTROPHORESIS/ ELECTROPHORESIS, DISK/ FIBRINOGEN, metabolism/ GEL FILTRATION/ HEMOLYMPH, drug effects/

*HEMOLYMPH, physiology/ HUMAN/ PRECIPITIN TESTS/ PROTHROMBIN TIME/ RABBITS, immunology/ THROMBIN, pharmacodynamics/ THROMBOPLASTIN

8550. **Wood S Jr, Hilgard P:** Aspirin and tumour metastasis. Lancet 2:1416-7, 30 Dec 72
ANIMAL EXPERIMENTS/ ASPIRIN, pharmacodynamics/ *ASPIRIN, therapeutic use/ BLOOD PLATELETS, drug effects/ LUNG NEOPLASMS, drug therapy/ *NEOPLASM METASTASIS, prevention & control/ NEOPLASMS, EXPERIMENTAL/ RABBITS

8551. **Woodard G, Woodard MW, McNeely WH, et al:** Xanthan gum: safety evaluation by two-year feeding studies in rats and dogs and a three-generation reproduction study in rats. Toxicol Appl Pharmacol 24:30-6, Jan 73
ALBUMINS, urine/ ANIMAL EXPERIMENTS/ BEHAVIOR, ANIMAL, drug effects/ BIRTH WEIGHT, drug effects/ BLOOD CELL COUNT/ BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, drug effects/ BLOOD PRESSURE, drug effects/ BODY WEIGHT, drug effects/ DOGS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ELECTROCARDIOGRAPHY/ EVALUATION STUDIES/ FECES, drug effects/ FEMALE/ *FOOD ADDITIVES, pharmacodynamics/ MALE/ POLYSACCHARIDES, BACTERIAL, administration & dosage/ *POLYSACCHARIDES, BACTERIAL, pharmacodynamics/ RATS/ *REPRODUCTION, drug effects/ TIME FACTORS/ XANTHOMONAS

8552. **Woodley JF:** Pyrrolidonecarboxylyl peptidase activity in normal intestinal biopsies and those from coeliac patients. Clin Chim Acta 42:211-3, Nov 72
BIOPSY/ CARBOXYLIC ACIDS/ *CELIAC DISEASE, enzymology/ HUMAN/ *INTESTINAL MUCOSA, enzymology/ *PEPTIDE PEPTIDOHYDROLASES, analysis/ PYRROLIDINONES

8553. **Woodley JF, Keane R:** Enterokinase in normal intestinal biopsies and those from patients with untreated coeliac disease. Gut 13:900-2, Nov 72
BIOPSY/ *CELIAC DISEASE, enzymology/ EPITHELIUM, enzymology/ HUMAN/ *INTESTINES, enzymology/ LACTOSE, analysis/ *PEPTIDE PEPTIDOHYDROLASES, analysis/ SUCRASE, analysis

8554. **Woodley JF, Keane R:** Enterokinase levels in intestinal mucosa from normal subjects and patients with coeliac disease. Gut 13:850-1, Oct 72
*CELIAC DISEASE, enzymology/ DUODENUM, enzymology/ GALACTOSIDASE, analysis/ HUMAN/ *INTESTINAL MUCOSA, enzymology/ JEJUNUM, enzymology/ *PEPTIDE PEPTIDOHYDROLASES, analysis/ SUCRASE, analysis

8555. **Woodward WR, Adamson SD, McQueen HM, et al:** Globin synthesis on reticulocyte membrane-bound ribosomes. J Biol Chem 248:1556-61, 10 Mar 73
ACETONE/ AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, ION EXCHANGE/ FEMALE/ GEL FILTRATION/ *GLOBIN, biosynthesis/ GLOBIN, isolation & purification/ ISOTOPE LABELING/ MEMBRANES, metabolism/ PEPTIDES, isolation & purification/ PRECIPITATION/ PROTEIN CONFORMATION/ RABBITS/ RETICULOCYTES, cytology/ *RETICULOCYTES, metabolism/ *RIBOSOMES, metabolism/ *TRITIUM/ TRYPSIN/ TRYPTOPHAN, metabolism/ TYROSINE, metabolism

8556. **Woolcock AJ:** Surfactant.
Med J Aust 1:900-3, 5 May 73 (23 ref.)
ADULT/ BRONCHI, metabolism/ DEXAMETHASONE, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ HUMAN/ HYALINE MEMBRANE DISEASE, drug therapy/ HYALINE MEMBRANE DISEASE, etiology/ HYALINE MEMBRANE DISEASE, metabolism/ HYALINE MEMBRANE DISEASE, pathology/ HYALINE MEMBRANE DISEASE, therapy/ INFANT, NEWBORN/ LECITHINS, analysis/ LUNG, pathology/ PULMONARY ALVEOLI, blood supply/ PULMONARY ALVEOLI, metabolism/ *PULMONARY SURFACTANT/ PULMONARY SURFACTANT, biosynthesis/ PULMONARY SURFACTANT, metabolism/ RESPIRATORY INSUFFICIENCY, etiology/ RESPIRATORY INSUFFICIENCY, metabolism/ RESPIRATORY INSUFFICIENCY, pathology/ RESPIRATORY INSUFFICIENCY, therapy/ REVIEW/ SURFACE TENSION

8557. **Woolf IL, Kipnes RS, Babior BM:** The determination of factor X in tissue homogenates. Evidence for the inactivation of Russell's viper venom by tissue homogenates in the presence of plasma.
J Lab Clin Med 81:77-84, Jan 73
ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS/ CALCIUM, antagonists & inhibitors/ FACTOR V/ *FACTOR X, analysis/ KIDNEY, analysis/ LIVER, analysis/ MALE/ RATS/ *SNAKES/ SPLEEN, analysis/ THROMBOPLASTIN/ *VENOMS, antagonists & inhibitors

8558. **Woolgar AE, Morris GJ:** Some combined effects of hypertonic solutions and changes in temperature on posthypertonic hemolysis of human red blood cells.
Cryobiology 10:82-6, Apr 73
*BLOOD PRESERVATION/ CRYOPROTECTIVE AGENTS, pharmacodynamics/ *ERYTHROCYTES/ *HEMOLYSIS/ HUMAN/ *HYPERTONIC SOLUTIONS, pharmacodynamics/ SODIUM CHLORIDE/ SUCROSE, pharmacodynamics/ *TEMPERATURE

8559. **Wootton JC, Chambers GK, Taylor JG, et al:** Amino-acid sequence homologies between the NADP-dependent glutamate dehydrogenase of Neurospora and the bovine enzyme.
Nature [New Biol] 241:42-3, 10 Jan 73
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ CATTLE/ GENETIC CODE/ *GLUTAMATE DEHYDROGENASE, analysis/ GLUTAMATE DEHYDROGENASE, biosynthesis/ GLUTAMATE DEHYDROGENASE, metabolism/ MUTATION/ NADP, metabolism/ *NEUROSPORA, enzymology/ NEUROSPORA CRASSA, enzymology/ PEPTIDES, isolation & purification/ SPECIES SPECIFICITY/ TRYPSIN, pharmacodynamics

8560. **Worowski K, Farbiszewski R:** Studies on the role of protease inhibitor from potato bulbs in digesting protein food. Acta Physiol Pol 24:361-70, 1973
ANIMAL EXPERIMENTS/ CHYMOTRYPSIN, metabolism/ *DIETARY PROTEINS, metabolism/ *DIGESTION/ FECES, enzymology/ GASTROINTESTINAL SYSTEM, enzymology/ GASTROINTESTINAL SYSTEM, metabolism/ PEPSIN, pharmacodynamics/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ PLANT PROTEINS, metabolism/ RATS/ TEMPERATURE/ TIME FACTORS/ TRYPSIN, metabolism/ TRYPSIN INHIBITORS, pharmacodynamics/ *VEGETABLES/ VEGETABLES, analysis

8561. **Wosilait WD, Eisenbrandt LL:** The effect of novibiocin and tolbutamide on the excretion of warfarin in the bile of rats.
Res Commun Chem Pathol Pharmacol 5:109-16, Jan 73
ANIMAL EXPERIMENTS/ BILE, analysis/ BILE, drug effects/ *BILE, metabolism/ CARBON ISOTOPES/ DIALYSIS/ MALE/ *NOVOBIOCIN, pharmacodynamics/ PROTEIN BINDING/ RATS/ SERUM ALBUMIN, metabolism/ TIME FACTORS/ *TOLBUTAMIDE, pharmacodynamics/ WARFARIN, analysis/ *WARFARIN, metabolism

8562. **Wosilait WD, Eisenbrandt LL:** The effect of oxyphenbutazone on the excretion of 14 C-warfarin in

the bile of rat.
Res Commun Chem Pathol Pharmacol 4:413-20, Sep 72
ANIMAL EXPERIMENTS/ BILE, drug effects/ *BILE, metabolism/ BLOOD PROTEINS, metabolism/ CARBON ISOTOPES/ INJECTIONS, INTRAVENOUS/ MALE/ OXYPHENBUTAZONE, administration & dosage/ *OXYPHENBUTAZONE, pharmacodynamics/ PROTEIN BINDING, drug effects/ RATS/ STIMULATION, CHEMICAL/ TIME FACTORS/ WARFARIN, administration & dosage/ WARFARIN, blood/ *WARFARIN, metabolism/ WARFARIN, urine

8563. **Wray R, Jeyasingh K, Maurer B:** The diagnosis of acute fibrinous pericarditis using 125 I labelled fibrinogen.
Br J Radiol 46:217-9, Mar 73
ACUTE DISEASE/ AGED/ FEMALE/ *FIBRINOGEN, diagnostic use/ HEART AUSCULTATION/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, complications/ *PERICARDITIS, diagnosis/ RADIOISOTOPE SCANNING

8564. **Wray R, Maurer B, Shillingford J:** Prophylactic anticoagulant therapy in the prevention of calf-vein thrombosis after myocardial infarction.
N Engl J Med 288:815-7, 19 Apr 73
ACUTE DISEASE/ ADMINISTRATION, ORAL/ AGED/ *ANTICOAGULANTS, therapeutic use/ CLINICAL RESEARCH/ EXERCISE THERAPY/ FIBRINOGEN/ HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INFUSIONS, PARENTERAL/ IODINE ISOTOPES/ *LEG, blood supply/ MOVEMENT/ *MYOCARDIAL INFARCT, complications/ PROGNOSIS/ THROMBOPHLEBITIS, diagnosis/ *THROMBOPHLEBITIS, prevention & control/ TIME FACTORS/ WARFARIN, administration & dosage/ WARFARIN, therapeutic use

8565. **Wretlind B, Hedén L, Sjöberg L, et al:** Production of enzymes and toxins by hospital strains of Pseudomonas aeruginosa in relation to serotype and phage-typing pattern. J Med Microbiol 6:91-100, Feb 73
BACTERIOLYSIS/ BACTERIOPHAGE TYPING/ CARRIER STATE, microbiology/ CATTLE/ *CROSS INFECTION, microbiology/ DEOXYRIBONUCLEASE, biosynthesis/ ESTERASES, biosynthesis/ *HEMOLYSINS, biosynthesis/ HORSES/ HUMAN/ LIPASE, biosynthesis/ PANCREATOPEPTIDASE, biosynthesis/ PEPTIDE HYDROLASES, biosynthesis/ PHOSPHOLIPASE, biosynthesis/ *PSEUDOMONAS AERUGINOSA, enzymology/ PSEUDOMONAS AERUGINOSA, isolation & purification/ PSEUDOMONAS AERUGINOSA, metabolism/ PSEUDOMONAS INFECTIONS, microbiology/ RABBITS/ RIBONUCLEASE, biosynthesis/ SEPTICEMIA, microbiology/ SEROTYPING/ SHEEP/ STAPHYLOCOCCUS

8566. **Wright CB, Solis RT:** Microaggregation in canine autotransfusion. Am J Surg 126:25-9, Jul 73
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD PLATELETS/ *BLOOD TRANSFUSION, AUTOLOGOUS/ COMPARATIVE STUDY/ DOGS/ FEMORAL ARTERY/ *FILTRATION/ FILTRATION, instrumentation/ MALE/ METHODS/ PARTICLE SIZE/ *PLATELET ADHESIVENESS

8567. **Wright CS, Hess GP, Blow DM:** Structure of crystalline methyl-chymotrypsin. J Mol Biol 63:295-303, 28 Jan 72
ACETIC ACIDS/ AMMONIUM SULFATE/ BINDING SITES/ CARBON ISOTOPES/ CHROMATOGRAPHY, ION EXCHANGE/ *CHYMOTRYPSIN/ CRYSTALLIZATION/ HISTIDINE/ INDOLES/ MATHEMATICS/ METHYLATION/ MODELS, STRUCTURAL/ NITROBENZENES/ NITROPHENOLS/ PROTEIN BINDING/ PROTEIN CONFORMATION/ SERINE/ SULFONIC ACIDS/ TOSYL COMPOUNDS/ TRYPTOPHAN/ ULTRAFILTRATION/ X-RAY DIFFRACTION

8568. **Wright IS:** Comments on the use of anticoagulants in geriatric patients. J Am Geriatr Soc 21:1-3, Jan 73
AGED/ ANEMIA, complications/ *ANTICOAGULANTS, therapeutic use/ CEREBROVASCULAR DISORDERS, complications/ DEHYDRATION, complications/ FRACTURE FIXATION, adverse effects/ HEART FAILURE, CONGESTIVE, complications/ HUMAN/ IMMOBILIZATION/ MYOCARDIAL INFARCT, complications/ NEOPLASMS, complications/ POLYCYTHEMIA, complications/ THROMBOEMBOLISM, etiology/ *THROMBOEMBOLISM, prevention & control/ VARICOSE VEINS, complications

8569. **Wright JS, McCulloch CH, Torda TA, et al:** Pediatric application of Landé-Edwards membrane oxygenator. Continuous perfusion and hypothermic arrest techniques.
J Thorac Cardiovasc Surg 65:503-10, Apr 73
BLOOD PLATELETS/ BODY TEMPERATURE/ BODY WEIGHT/ CARBON DIOXIDE, blood/ CHILD/ CHILD, PRESCHOOL/ EXTRACORPOREAL CIRCULATION/ *HEART ARREST, INDUCED/ *HEART, MECHANICAL/ HEMOGLOBIN/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *HYPOTHERMIA, INDUCED/ INFANT/ INFANT, NEWBORN/ *MEMBRANES, ARTIFICIAL/ OXYGEN, blood/ OXYGENATORS, MEMBRANE/ PERFUSION

8570. **Wrightstone RN, Wilson JB, Reynolds CA, et al:** Hb-Genova (2 2 28(B10)Leu leads to Pro); methods for detection and analysis of unstable hemoglobins.
Clin Chim Acta 44:217-27, 14 Mar 73
ADULT/ AMINO ACIDS, analysis/ AUTOANALYSIS/ CANADA/ CHROMATOGRAPHY, ION EXCHANGE/ DRUG STABILITY/ ELECTROPHORESIS, STARCH GEL/ FEMALE/ GEL FILTRATION/ HEAT/ HEINZ BODIES/ *HEMOGLOBINS, ABNORMAL, analysis/ HUMAN/ OXYGEN/ PEPTIDES, analysis/ PROTEIN CONFORMATION/ SPECTROPHOTOMETRY/ TRYPSIN

8571. **Wrigley NG, Skehel JJ, Charlwood PA, et al:** The size and shape of influenza virus neuraminidase.
Virology 51:525-9, Feb 73
CENTRIFUGATION, DENSITY GRADIENT/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GLYCOPEPTIDES, analysis/ *INFLUENZA VIRUSES, enzymology/ MICROSCOPY, ELECTRON/ MOLECULAR WEIGHT/ *NEURAMINIDASE, analysis/ NEURAMINIDASE, isolation & purification/ TRYPSIN/ ULTRACENTRIFUGATION

8572. **Wriston JC Jr:** Modification of chymotrypsinogen with 1-aminoglucose. FEBS Lett 33:93-6, 15 Jun 73
AUTOANALYSIS/ CATTLE/ *CHYMOTRYPSINOGEN/ CHYMOTRYPSINOGEN, analysis/ CITRULLINE, analysis/ *GLUCOSAMINE/ HYDROGEN-ION CONCENTRATION/ KINETICS/ SPECTROPHOTOMETRY, ULTRAVIOLET/ SWINE/ TIME FACTORS/ TRYPSIN

8573. **Wu KK, Jacobsen CD, Hoak JC:** Highly sensitive method for the assay of plasminogen.
J Lab Clin Med 81:484-8, Mar 73
BLOOD/ CASEIN/ GEL DIFFUSION TESTS/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ METHODS/ *PLASMINOGEN, analysis/ PLASMINOGEN, cerebrospinal fluid/ PLASMINOGEN, urine

8574. **Wu KK, Jacobsen CD, Hoak JC:** Plasminogen in normal and abnormal human cerebrospinal fluid.
Arch Neurol 28:64-6, Jan 73
*BRAIN DISEASES, cerebrospinal fluid/ *BRAIN NEOPLASMS, cerebrospinal fluid/ CEREBRAL EMBOLISM AND THROMBOSIS, cerebrospinal fluid/ CEREBRAL HEMORRHAGE, cerebrospinal fluid/ CEREBROSPINAL FLUID PROTEINS, analysis/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ MENINGITIS, cerebrospinal fluid/ *PLASMINOGEN, cerebrospinal fluid

8575. **Wuepper KD, Cochrane CG:** Effect of plasma kallikrein

on coagulation in vitro.
Proc Soc Exp Biol Med 141:271-6, Oct 72
BLOOD/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION DISORDERS/ DOSE-RESPONSE RELATIONSHIP, DRUG/ ELECTROPHORESIS/ ENZYME PRECURSORS, blood/ ENZYME PRECURSORS, isolation & purification/ HUMAN/ IN VITRO/ IODINE ISOTOPES/ KALLIKREIN, antagonists & inhibitors/ KALLIKREIN, blood/ KALLIKREIN, isolation & purification/ *KALLIKREIN, pharmacodynamics/ MACROGLOBULINS, pharmacodynamics/ PROTEIN PRECURSORS, pharmacodynamics/ RABBITS/ SOY BEANS/ SPECIES SPECIFICITY/ STIMULATION, CHEMICAL/ TRYPSIN INHIBITORS, pharmacodynamics

8576. **Wunderer G, Kummer K, Fritz H:** Charakterisierung des Schweine- und Human-serumkallikreins durch die Hemmbarkeit mit Protein-Proteinase-Inhibitoren.
Hoppe Seylers Z Physiol Chem 353:1646-50, Oct 72 (Ger)
AMIDINES/ CHEMISTRY/ CHROMATOGRAPHY, AFFINITY/ ENGLISH ABSTRACT/ ENZYME ACTIVATION/ HUMAN/ KALLIKREIN, antagonists & inhibitors/ *KALLIKREIN, blood/ KALLIKREIN-TRYPSIN INACTIVATOR/ SWINE/ TRYPSIN INHIBITORS

8577. **Wünschmann-Henderson B, Astrup T:** Relation of fibrinolytic activity in human oral epithelial cells to cellular maturation: the influence of smoking.
J Pathol 108:293-301, Dec 72
ADOLESCENCE/ ADULT/ AGED/ CELL DIFFERENTIATION/ CYTOPLASM/ EPITHELIAL CELLS, cytology/ *FIBRINOLYSIS/ HISTOCYTOCHEMISTRY/ HUMAN/ LEUKOCYTE COUNT/ MIDDLE AGE/ *MOUTH MUCOSA, cytology/ *SMOKING/ STAINS AND STAINING

8578. **Wünschmann-Henderson B, Horwitz DL, Astrup T:** Release of plasminogen activator from viable leukocytes of man, baboon, dog and rabbit.
Proc Soc Exp Biol Med 141:634-8, Nov 72
ANIMAL EXPERIMENTS/ BABOONS/ BLOOD SPECIMEN COLLECTION/ CELL SURVIVAL, drug effects/ DEXTRAN/ DOGS/ ENDOTOXINS, pharmacodynamics/ FIBRINOLYSIS, drug effects/ HISTOCYTOCHEMISTRY/ LEUKOCYTES, drug effects/ *LEUKOCYTES, metabolism/ NEUTROPHILS, drug effects/ NEUTROPHILS, metabolism/ *PLASMINOGEN, metabolism/ RABBITS/ SPECIMEN HANDLING

8579. **Würbach G, Klöcking HP:** 2-Thiontetrahydro-1.3.5-thiadiazine mit antifibrinolytischen Eingenschaften.
Pharmazie 28:254-7, Apr 73 (Ger)
AMINES/ AMINOBENZOIC ACID/ AMINOCAPROIC ACID/ ANIMAL EXPERIMENTS/ *ANTIFIBRINOLYTIC AGENTS, chem synthesis/ ANTIFUNGAL AGENTS/ CHROMATOGRAPHY, THIN LAYER/ DELAYED-ACTION PREPARATIONS/ *HETEROCYCLIC COMPOUNDS, chem synthesis/ MICROBIAL SENSITIVITY TESTS/ RABBITS/ THIADIAZINES, chem synthesis/ THIADIAZINES, metabolism/ THIADIAZINES, pharmacodynamics/ THIADIAZINES, urine/ TIME FACTORS

8580. **Wurnig P:** Der kindliche Thoraxtumor.
Langenbecks Arch Chir 329:123-35, Dec 71 (Ger)
ADENOMA, surgery/ AGE FACTORS/ BRONCHIAL DISEASES, surgery/ CHILD/ CYSTS, surgery/ DIAGNOSIS, DIFFERENTIAL/ DIAGNOSTIC ERRORS/ DIAPHRAGMATIC HERNIA, diagnosis/ ENGLISH ABSTRACT/ FEMALE/ HAMARTOMA, diagnosis/ HAMARTOMA, surgery/ HEMANGIOPERICYTOMA, surgery/ HUMAN/ INFANT/ INFANT, NEWBORN/ LUNG DISEASES, surgery/ LYMPHOSARCOMA, surgery/ NEOPLASM METASTASIS/ NEUROBLASTOMA, surgery/ POLYPS, surgery/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ RESPIRATORY INSUFFICIENCY/ THORACIC NEOPLASMS, diagnosis/ *THORACIC NEOPLASMS, surgery

8581. **Wurster DH:** Mouse chromosomes identified by trypsin-Giemsa (T-G) banding.
Cytogenetics 11:379-87, 1972
ANIMAL EXPERIMENTS/ *CHROMOSOMES, analysis/ DYES/ FEMALE/ KARYOTYPING/ MALE/ METHODS/ MICE/ SEX CHROMOSOMES, analysis/ STAINS AND STAINING/ TRYPSIN

8582. **Wusteman FS:** Glycosaminoglycans of bovine lung parenchyma and pleura.
Experientia 28:887-8, 15 Aug 72
ANIMAL EXPERIMENTS/ CATTLE/ CHONDROITIN, analysis/ COLLAGEN, analysis/ ELASTIN, analysis/ ELECTROPHORESIS/ HEPARIN, analysis/ HYALURONIC ACID, analysis/ *LUNG, analysis/ MALE/ *MUCOPOLYSACCHARIDES, analysis/ PLEURA, analysis

8583. **Wüthrich B, Storck H, Grob P, et al:** Zur Immunpathologie der Neurodermitis.
Arch Dermatol Forsch 244:327-32, 1972 (Ger)
CERULOPLASMIN, analysis/ HAPTOGLOBINS, analysis/ HUMAN/ IGA, analysis/ IGE, analysis/ IGG, analysis/ IGM, analysis/ IMMUNOGLOBULINS, analysis/ NEURODERMATITIS, enzymology/ *NEURODERMATITIS, immunology/ TRYPSIN INHIBITORS, analysis

8584. **Wyatt RJ, Murphy DL, Belmaker R, et al:** Reduced monoamine oxidase activity in platelets: a possible genetic marker for vulnerability to schizophrenia.
Science 179:916-8, 2 Mar 73
ADULT/ *BLOOD PLATELETS, enzymology/ CARBON ISOTOPES/ DISEASES IN TWINS/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MONOAMINE OXIDASE, blood/ MONOAMINE OXIDASE, metabolism/ PHENOTHIAZINES, therapeutic use/ SCHIZOPHRENIA, blood/ SCHIZOPHRENIA, drug therapy/ SCHIZOPHRENIA, enzymology/ *SCHIZOPHRENIA, familial & genetic/ SCHIZOPHRENIA, PARANOID, enzymology/ SCHIZOPHRENIA, PARANOID, familial & genetic/ TRYPTAMINES, metabolism

8585. **Wyatt RJ, Saavedra JM, Axelrod J:** A dimethyltryptamine-forming enzyme in human blood.
Am J Psychiatry 130:754-60, Jul 73
ADOLESCENCE/ ADULT/ ALCOHOLISM, blood/ ALCOHOLISM, enzymology/ BLOOD PLATELETS, enzymology/ BLOOD PROTEINS, analysis/ CARBON ISOTOPES/ DEPRESSION, blood/ DEPRESSION, enzymology/ DIMETHYLTRYPTAMINE, blood/ ERYTHROCYTES, enzymology/ FEMALE/ *HALLUCINOGENS, blood/ HEMODIALYSIS/ HUMAN/ MALE/ METHYLATION/ *METHYLTRANSFERASES, blood/ PSYCHOSES, blood/ *PSYCHOSES, enzymology/ SCHIZOPHRENIA, blood/ SCHIZOPHRENIA, enzymology/ *TRYPTAMINES, blood

8586. **Wybar K:** Stimulus deprivation amblyopia.
Isr J Med Sci 8:1482-7, Aug-Sep 72
*AMBLYOPIA, etiology/ BLEPHAROPTOSIS, complications/ CATARACT, congenital/ CATARACT EXTRACTION/ CHILD, PRESCHOOL/ CORNEAL OPACITY, complications/ EYELID NEOPLASMS, complications/ HEMANGIOMA, complications/ HUMAN/ INFANT/ INFANT, NEWBORN, DISEASES, complications/ METHODS/ PHOTIC STIMULATION/ *SENSORY DEPRIVATION

8587. **Wybran J, Fudenberg HH:** Cellular immunity to platelets in idiopathic thrombocytopenic purpura.
Blood 40:856-61, Dec 72
ANTIGENS/ AUTOIMMUNE DISEASES, immunology/ *BLOOD PLATELETS, immunology/ CELL SURVIVAL/ CHROMIUM ISOTOPES/ HUMAN/ *IMMUNITY,

CELLULAR/ LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES, immunology/ PLANT AGGLUTININS, pharmacodynamics/ PREDNISONE, therapeutic use/ PURPURA, THROMBOPENIC, drug therapy/ *PURPURA, THROMBOPENIC, immunology/ THYMIDINE, metabolism/ TRITIUM

8588. **Wybran J, Fudenberg HH:** Cellular immunity to platelets in idiopathic thrombocytopenic purpura. Blood 40:856-61, Dec 72
*BLOOD PLATELETS, immunology/ DNA, biosynthesis/ HUMAN/ *IMMUNITY, CELLULAR/ LEUKOCYTE CULTURE TEST, MIXED/ PLANT AGGLUTININS, pharmacodynamics/ *PURPURA, THROMBOPENIC, immunology/ SPLENECTOMY/ THYMIDINE, metabolism/ TRITIUM

8589. **Wybran J, Stacquez C, Govaerts AE:** Storage of human platelets in liquid nitrogen isotopic studies. Transfusion 12:413-7, Nov-Dec 72
ABO FACTORS/ *BLOOD PLATELETS/ *BLOOD PRESERVATION/ BLOOD TRANSFUSION/ CELL SURVIVAL/ CEREBROVASCULAR DISORDERS, therapy/ CHROMIUM ISOTOPES/ DIMETHYL SULFOXIDE/ FREEZING/ HUMAN/ *NITROGEN/ POLYVINYLPYRROLIDONE/ RH FACTORS

8590. **Wysokińska T:** Wartość udoparniająca niektórych antygenów gronkowcowych. 3. Rola białka A, koagulazy oraz frakcji rybosomalnej. Med Dosw Mikrobiol 25:21-30, 1973 (Pol)
ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ *ANTIGENS, BACTERIAL/ *BACTERIAL PROTEINS, pharmacodynamics/ *COAGULASE, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ MALE/ MICE/ *RIBOSOMES, immunology/ *STAPHYLOCOCCUS, immunology

Y

8591. **Yacoub MH, Schottenfeld M, Kittle CF:** Hematoma of the interatrial septum with heart block secondary to dissecting aneurysm of the aorta. A clinicopathologic entity. Circulation 46:537-45, Sep 72
AGED/ *AORTIC ANEURYSM, complications/ AUTOPSY/ ELECTROCARDIOGRAPHY/ FEMALE/ HEART ATRIUM/ *HEART BLOCK, etiology/ HEART CONDUCTION SYSTEM, pathology/ *HEART SEPTUM/ HEART SEPTUM, pathology/ *HEMATOMA, diagnosis/ HEMATOMA, etiology/ HEMATOMA, pathology/ HUMAN/ MALE/ MIDDLE AGE/ PERICARDIAL EFFUSION/ SINO-ATRIAL NODE, pathology

8592. **Yadav NR, Bharadwaj UR:** Repletion studies on liver proteins and liver enzymes by feeding some wild leguminous seed protein isolates. J Indian Med Assoc 60:93-5, 1 Feb 73
ACID PHOSPHATASE, analysis/ ALKALINE PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ CATALASE, analysis/ *DIETARY PROTEINS/ LIVER, analysis/ *LIVER, enzymology/ MALE/ PEPTIDE HYDROLASES, analysis/ *PLANT PROTEINS/ *PROTEINS, analysis/ RATS/ *SEEDS/ SUCCINATE DEHYDROGENASE, analysis

8593. **Yadley RA, Chrambach A:** Isohormones of human growth hormone. II. Plasmin-catalyzed transformation and increase in prolactin biological activity. Endocrinology 93:858-65, Oct 73
AMIDES, analysis/ AMIDINES, pharmacodynamics/ BENZOATES, pharmacodynamics/ BIOLOGICAL ASSAY/ BIOTRANSFORMATION/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FIBRINOLYSIN, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ PIGEONS/ *PROLACTIN, analysis/ *SOMATOTROPIN, metabolism/ UREA

8594. **Yagi Y, Pressman D:** Monoclonal IgA and IgM in the serum of a single patient (SC). I. Sharing of individually specific determinants between IgA and IgM. J Immunol 110:335-44, Feb 73
AGED/ ANTIBODY SPECIFICITY/ *ANTIGENIC DETERMINANTS/ GEL DIFFUSION TESTS/ GEL FILTRATION/ GOATS, immunology/ HUMAN/ *IGA/ *IGM/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ IMMUNOGLOBULIN FRAGMENTS/ IODINE ISOTOPES/ LYMPHOSARCOMA, immunology/ MALE/ PAPAIN/ RABBITS, immunology/ TRYPSIN/ ULTRACENTRIFUGATION

8595. **Yajima G, Aihara K, Yamanaka N, et al:** [Electron microscopic features of glomerular changes in toxemia of pregnancy] Jap J Clin Med 30:1382-7, Jun 72 (Jap)
BASEMENT MEMBRANE, pathology/ ECLAMPSIA, pathology/ EPITHELIAL CELLS/ FEMALE/ FIBRIN/ HUMAN/ *KIDNEY GLOMERULUS, pathology/ MICROSCOPY, ELECTRON/ PREGNANCY/ *PREGNANCY TOXEMIAS, pathology

8596. **Yakeley WL, Streeter RJ:** Transient thrombasthenia in a dog (a case report). Vet Med Small Anim Clin 67:1193-6, Nov 72
ANIMAL EXPERIMENTS/ *BLOOD PLATELET DISORDERS, veterinary/ *DOG DISEASES/ DOGS/ FEMALE

8597. **Yalow RS:** Radioimmunoassay. Practices and pitfalls. Circ Res 32:Suppl 1:116-28, 5 May 73 (46 ref.)
ANTIBODIES/ ANTIBODIES, isolation & purification/ ANTIGEN-ANTIBODY COMPLEX/ ANTIGEN-ANTIBODY REACTIONS/ ANTIGENS, isolation & purification/ ANTIGENS, HETEROGENETIC/ BINDING SITES, ANTIBODY/ CATTLE/ CORTICOTROPIN/ CROSS REACTIONS/ GASTRIN/ HEPARIN, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IMMUNIZATION/ INSULIN ANTIBODIES/ IODINE ISOTOPES/ ISOTOPE LABELING/ METHODS/ *RADIOIMMUNOASSAY/ REVIEW/ SOMATOTROPIN/ SPECIES SPECIFICITY/ SWINE/ TEMPERATURE/ TRITIUM

8598. **Yalow RS, Berson SA:** Characteristics of "big ACTH" in human plasma and pituitary extracts. J Clin Endocrinol Metab 36:415-23, Mar 73
ADDISON'S DISEASE, blood/ *CORTICOTROPIN, analysis/ CUSHING'S SYNDROME, blood/ ELECTROPHORESIS, STARCH GEL/ GEL FILTRATION/ HUMAN/ IODINE ISOTOPES/ *PITUITARY GLAND, analysis/ *PLASMA, analysis/ RADIOIMMUNOASSAY/ SOMATOTROPIN/ *TISSUE EXTRACTS, analysis/ TRYPSIN

8599. **Yamada K, Shirahata A, Meguro T, et al:** [FDP in newborn period. Especially the FDP and fibrin monomers in respiratory distress syndrome of premature infants] Acta Haematol Jap 35:646-50, Oct 72 (Jap)
ENGLISH ABSTRACT/ *FIBRIN, metabolism/ *FIBRINOGEN, metabolism/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ INFANT, NEWBORN/ *RESPIRATORY DISTRESS SYNDROME, blood

8600. **Yamada K, Yamada Z, Nakazawa S, et al:** [Determination of FDP by staphylococcal clumping test and the significance of the method in consumption coagulopathy] Jap J Clin Hematol 13:411-4, Jun 72 (Jap)
AGGLUTINATION/ CHROMATOGRAPHY/ COMPARATIVE STUDY/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ *FIBRIN, analysis/ *FIBRINOGEN, analysis/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS/ METHODS/ RABBITS, immunology/ SHEEP, immunology/ *STAPHYLOCOCCUS

8601. **Yamada S:** [Von Willebrand's disease] Jap J Clin Med 31:805-9, Apr 73 (86 ref.) (Jap)
HUMAN/ REVIEW/ *VON WILLEBRAND'S

DISEASE/ VON WILLEBRAND'S DISEASE, diagnosis/ VON WILLEBRAND'S DISEASE, etiology/ VON WILLEBRAND'S DISEASE, therapy

8602. **Yamada S, Ido K:** [Consumption coagulopathy in internal medicine]
Jap J Clin Hematol 13:199-202, Apr 72 (Jap)
ADULT/ AGED/ ANIMAL EXPERIMENTS/ BLOOD COAGULATION DISORDERS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ RABBITS

8603. **Yamadori T:** [Serum trypsin inhibitor and trypsin binding protein in pancreatic diseases]
Jap J Gastroenterol 70:3-19, Jan 73 (Jap)
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ *BLOOD PROTEINS, analysis/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PANCREATIC NEOPLASMS, blood/ *PANCREATITIS, blood/ PROTEIN BINDING/ *TRYPSIN INHIBITORS, blood

8604. **Yamaguchi K, Uemura K, Takahashi H:** An angiographic study of sequential changes in hypertensive intracerebral haemorrhage.
Br J Radiol 46:125-30, Feb 73
ADULT/ BRAIN EDEMA/ CEREBRAL ANGIOGRAPHY/ CEREBRAL HEMORRHAGE, etiology/ *CEREBRAL HEMORRHAGE, radiography/ FOLLOW-UP STUDIES/ HEMATOMA, radiography/ HUMAN/ *HYPERTENSION, complications/ MALE/ MIDDLE AGE/ TIME FACTORS

8605. **Yamaguchi K, Uemura K, Takahashi H, et al:** [Extravasation of contrast media in hypertensive cerebral hemorrhage]
Jap J Clin Radiol 17:257-63, Apr 72 (Jap)
ADULT/ AGED/ CAROTID ARTERIES, radiography/ *CEREBRAL ANGIOGRAPHY/ *CEREBRAL HEMORRHAGE, etiology/ *CEREBRAL HEMORRHAGE, radiography/ *CONTRAST MEDIA/ FEMALE/ HEMATOMA, radiography/ HUMAN/ *HYPERTENSION, complications/ MALE/ MIDDLE AGE

8606. **Yamaguchi S:** Uber den Einfluss von Heparin auf die Metastasierung von Impftumoren der Ratte.
Med J Osaka Univ 23:31-9, Sep 72 (Ger)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ FIBRINOLYSIN, therapeutic use/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ INJECTIONS, INTRAVENOUS/ *NEOPLASM METASTASIS, prevention & control/ NEOPLASMS, EXPERIMENTAL/ PROTAMINES, therapeutic use/ RATS/ WARFARIN, therapeutic use

8607. **Yamamoto K, Omata S, Onishi T, et al:** In vivo effects of proteases on cell surface architecture and cell proliferation in the liver. Cancer Res 33:567-72, Mar 73
ANIMAL EXPERIMENTS/ CELL MEMBRANE, analysis/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, metabolism/ CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ CYTOSOL, metabolism/ DNA, analysis/ DNA, biosynthesis/ GLUCOSAMINE, metabolism/ KIDNEY, metabolism/ *LIVER, cytology/ LIVER, metabolism/ MALE/ MICE/ MICE, INBRED ICR/ MICROSOMES, LIVER, metabolism/ MITOCHONDRIA, LIVER, metabolism/ *MITOSIS, drug effects/ MUCOPOLYSACCHARIDES, analysis/ PAPAIN, pharmacodynamics/ *PEPTIDE HYDROLASES, pharmacodynamics/ PRONASE, pharmacodynamics/ RATS/ THYMIDINE, metabolism/ TRYPSIN, pharmacodynamics

8608. **Yamamura H, Nishiyama K, Shimomura R, et al:** Comparison of catalytic units of muscle and liver adenosine 3',5'-monophosphate dependent protein kinases. Biochemistry 12:856-62, 27 Feb 73
*ADENOSINE CYCLIC 3',5' MONOPHOSPHATE/ ADENOSINE TRIPHOSPHATE/ AMMONIUM SULFATE/ ANIMAL EXPERIMENTS/ AUTORADIOGRAPHY/ CARBON ISOTOPES/ CHROMATOGRAPHY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS, PAPER/ ENZYME ACTIVATION/ GLYCOGEN PHOSPHORYLASE/ ISOELECTRIC FOCUSING/ *LIVER, enzymology/ MOLECULAR WEIGHT/ *MUSCLES, enzymology/ PHOSPHORUS ISOTOPES/ *PHOSPHOTRANSFERASES/ PHOSPHOTRANSFERASES, isolation & purification/ PROTEIN BINDING/ PROTEINS/ RABBITS/ RATS/ TRYPSIN/ URIDINE DIPHOSPHATE SUGARS

8609. **Yamanishi Y, Dabbous MK, Hashimoto K:** Effect of collagenolytic activity in basal cell epithelioma of the skin on reconstituted collagen and physical properties and kinetics of the crude enzyme.
Cancer Res 32:2551-60, Nov 72
CARBON ISOTOPES/ *CARCINOMA, BASAL CELL, enzymology/ CARCINOMA, BASAL CELL, metabolism/ CARCINOMA, EPIDERMOID/ *CLOSTRIDIOPEPTIDASE A/ CLOSTRIDIOPEPTIDASE A, administration & dosage/ *COLLAGEN, metabolism/ CYSTEINE, pharmacodynamics/ EDTA, pharmacodynamics/ ELECTROPHORESIS, DISK/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ OPTICAL ROTATION/ PROTEIN DENATURATION/ *SKIN NEOPLASMS, enzymology/ SKIN NEOPLASMS, metabolism/ TEMPERATURE/ TRYPSIN INHIBITORS, pharmacodynamics/ VISCOSITY

8610. **Yamanouchi H:** [Postmortem angiographic studies on the aged coronary arteries]
Jap Circ J 36:623-43, Jun 72 (Jap)
AGED/ *ARTERIES, radiography/ ATROPHY/ AUTOPSY/ BLOOD PRESSURE/ CALCINOSIS, radiography/ CHOLESTEROL, blood/ CONSTRICTION, radiography/ CORONARY DISEASE, pathology/ *CORONARY VESSELS, radiography/ DIATRIZOATE/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ FATTY STREAK, ARTERIAL/ FEMALE/ HEART, anatomy & histology/ HUMAN/ MALE/ MIDDLE AGE/ MYOCARDIUM, pathology/ ORGAN WEIGHT

8611. **Yamazaki Y, Matsuda T, Kuroda M, et al:** [A case of thrombotic thrombocytopenic purpura]
Jap J Clin Hematol 14:81-7, Jan 73 (Jap)
ADULT/ BLOOD COAGULATION TESTS/ BLOOD PROTEINS, analysis/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *PURPURA, THROMBOTIC THROMBOPENIC/ PURPURA, THROMBOTIC THROMBOPENIC, diagnosis

8612. **Yammoto S, Nishiura M, Hayashi H:** The natural mediator for PMN emigration in inflammation. V. The site of structural change in the chemotactic generation of immunoglobulin G by inflammatory SH-dependent protease.
Immunology 24:791-801, May 73
ANIMAL EXPERIMENTS/ *ARTHUS PHENOMENON, enzymology/ BINDING SITES, ANTIBODY/ CAPILLARY PERMEABILITY/ CATTLE/ *CHEMOTAXIS/ CYSTEINE/ DIALYSIS/ GEL FILTRATION/ GOATS, immunology/ GUINEA PIGS/ *IGG/ IMMUNOGLOBULINS, FAB/ IMMUNOGLOBULINS, FC/ MOLECULAR WEIGHT/ *NEUTROPHILS/ PASSIVE CUTANEOUS ANAPHYLAXIS/ *PEPTIDE HYDROLASES/ PEPTIDES/ PRECIPITIN TESTS/ RABBITS, immunology/ SERUM ALBUMIN, BOVINE

8613. **Yancey ST, Laki K:** Transglutaminase and tumor growth. Ann NY Acad Sci 202:344-8, 8 Dec 72
ANIMAL EXPERIMENTS/ BLOOD COAGULATION/ CROSS REACTIONS/ DIPEPTIDES, therapeutic use/ GEL DIFFUSION TESTS/ GLUTAMINE/ GLUTAMINE, therapeutic use/ GLYCINE, therapeutic use/ GLYCOSIDES, therapeutic use/ GUINEA PIGS/ IMMUNIZATION/ LIVER, enzymology/ LYSINE, therapeutic use/ MICE/ NEOPLASM METASTASIS/ NEOPLASMS,

EXPERIMENTAL, enzymology/ PEPTIDES, therapeutic use/ *PLASMACYTOMA, enzymology/ PLASMACYTOMA, prevention & control/ PUTRESCINE, therapeutic use/ RABBITS, immunology/ *TRANSFERASES, antagonists & inhibitors/ TRANSFERASES, blood

8614. **Yáñez Polo MA:** Estudios sobre las hiperlipemias primitivas.
Rev Clin Esp 125:331-40, 31 May 72 (Spa)
ADULT/ CHILD, PRESCHOOL/ CHROMATOGRAPHY, THIN LAYER/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERLIPEMIA/ HYPERLIPEMIA, classification/ LIPID MOBILIZATION/ LIPOPROTEIN LIPASE, blood/ MALE/ MIDDLE AGE/ TRIGLYCERIDES, blood

8615. **Yang HJ, Przybylska M:** The microheterogeneity of human haptoglobin and its complex with hemoglobin.
Can J Biochem 51:597-605, May 73
AMMONIUM SULFATE/ CRYSTALLIZATION/ CYANIDES/ ELECTROPHORESIS, STARCH GEL/ FIBRINOLYSIN/ *HAPTOGLOBINS/ HAPTOGLOBINS, analysis/ HAPTOGLOBINS, isolation & purification/ *HEMOGLOBIN/ HORSES/ HUMAN/ HYDROLYSIS/ ISOELECTRIC FOCUSING/ METHEMOGLOBIN/ NEURAMINIC ACIDS, analysis/ NEURAMINIDASE

8616. **Yang HY, Neff NH:** Distribution and properties of angiotensin converting enzyme of rat brain.
J Neurochem 19:2443-50, Oct 72
ANIMAL EXPERIMENTS/ BRAIN, cytology/ *BRAIN, enzymology/ CELL NUCLEUS, enzymology/ CHLORIDES, pharmacodynamics/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ FLUORESCENCE SPECTROMETRY/ KINETICS/ KININASE II, metabolism/ MALE/ MICROSOMES, enzymology/ MITOCHONDRIA, enzymology/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ PITUITARY GLAND, enzymology/ RATS

8617. **Yang YJ, Davies DM:** A mosquito-chymotrypsin inhibitor in tissues of adult Aedes aegypti.
Comp Biochem Physiol [B] 43:137-41, 15 Sep 72
ABDOMEN, analysis/ *AEDES/ ANIMAL EXPERIMENTS/ CATTLE/ *CHYMOTRYPSIN, antagonists & inhibitors/ DIPTERA, enzymology/ LARVA, enzymology/ SALIVARY GLANDS, analysis/ SPECIES SPECIFICITY/ *THORAX, analysis/ TIME FACTORS

8618. **Yankee RA, Graff KS, Dowling R, et al:** Selection of unrelated compatible platelet donors by lymphocyte HL-A matching. N Engl J Med 288:760-4, 12 Apr 73
ADULT/ BLOOD CELL COUNT/ *BLOOD DONORS/ *BLOOD PLATELETS/ BLOOD TRANSFUSION/ CHILD/ COMPUTERS/ FEMALE/ HISTOCOMPATIBILITY ANTIGENS, analysis/ *HISTOCOMPATIBILITY TESTING/ HUMAN/ *LYMPHOCYTES, immunology/ MALE/ METHODS/ MIDDLE AGE/ THROMBOPENIA, therapy

8619. **Yao MG, Denny CB, Bohrer CW:** Effect of frozen storage time on heat inactivation of Clostridium botulinum type E toxin.
Appl Microbiol 25:503-5, Mar 73
ANAEROBIOSIS/ *BOTULINUM TOXIN, toxicity/ *CLOSTRIDIUM BOTULINUM/ CLOSTRIDIUM BOTULINUM, growth & development/ CORN/ DRUG STORAGE/ FISH PRODUCTS/ FOOD MICROBIOLOGY/ FREEZING/ HEAT/ HYDROGEN-ION CONCENTRATION/ SALMON/ SEROTYPING/ TIME FACTORS/ TRYPSIN

8620. **Yao ST, Needham TN, Lewis JB, et al:** Limb blood flow in congenital arteriovenous fistula.
Surgery 73:80-4, Jan 73
ADOLESCENCE/ ADULT/ ANGIOMATOSIS, physiopathology/ *ARM, blood supply/ *ARTERIOVENOUS FISTULA, congenital/ ARTERIOVENOUS FISTULA, physiopathology/ CHILD/ HUMAN/ *LEG, blood supply/ MICROCIRCULATION/ MUSCLES, blood supply/ PLETHYSMOGRAPHY, IMPEDANCE/ REGIONAL BLOOD FLOW/ SKIN, blood supply

8621. **Yarnell PR, Godfrey C:** EKG changes after spinal subarachnoid hemorrhage. Stroke 4:156-9, Mar-Apr 73
ADULT/ BLOOD PRESSURE/ CALCINOSIS, etiology/ ELECTROCARDIOGRAPHY/ FEMALE/ *HEART, physiopathology/ HEMATOMA, surgery/ HUMAN/ LUMBAR VERTEBRAE, radiography/ MYELOGRAPHY/ SPINAL CORD DISEASES, diagnosis/ *SPINAL CORD DISEASES, physiopathology/ SPINAL CORD DISEASES, radiography/ SPINAL CORD DISEASES, surgery/ SUBARACHNOID HEMORRHAGE, diagnosis/ *SUBARACHNOID HEMORRHAGE, physiopathology/ SUBARACHNOID HEMORRHAGE, radiography/ SUBARACHNOID HEMORRHAGE, surgery/ THORACIC VERTEBRAE, radiography

8622. **Yaron A, Tal N, Berger A:** Synthesis and conformation of poly(L-lysyl-L-alanyl-L-alanyl), a sequence-ordered water-soluble copolymer.
Biopolymers 11:2461-81, 1972
ALANINE/ *AMINO ACID SEQUENCE/ CIRCULAR DICHROISM/ HYDROLYSIS/ LYSINE/ MOLECULAR CONFORMATION/ OPTICAL ROTATORY DISPERSION/ PANCREATOPEPTIDASE/ *PEPTIDES, chem synthesis/ SOLUBILITY/ SPECTRUM ANALYSIS/ TEMPERATURE/ TRYPSIN/ WATER

8623. **Yasuda J, Miura Y, Abe T:** Comparative study on identification for fibrinogen in human plasma and its preparations. Acta Haematol Jap 35:101-12, Feb 72
COMPARATIVE STUDY/ *FIBRINOGEN, analysis/ GEL DIFFUSION TESTS/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS/ IMMUNOGLOBULINS, analysis/ RABBITS/ SERUM ALBUMIN, analysis

8624. **Yasukouchi T, Watanabe T:** A new method based on one dimensional diffusion using small glass tubes for the measurement of fibrinolytic activity. I. Fibrinolytic activity of plasmin and "euglobulin + streptokinase".
Thromb Diath Haemorrh 28:329-41, 31 Dec 72
ADOLESCENCE/ ADULT/ CATTLE/ FEMALE/ FIBRIN, analysis/ FIBRINOGEN/ *FIBRINOLYSIN, physiology/ *FIBRINOLYSIS/ GEL DIFFUSION TESTS, instrumentation/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ *SERUM GLOBULINS, physiology/ SEX FACTORS/ SOLUBILITY/ *STREPTODORNASE AND STREPTOKINASE, physiology/ TEMPERATURE/ THROMBIN/ TIME FACTORS

8625. **Yasunaga K:** [Keypoints in clinical tests for hemorrhagic and thrombotic tendencies]
Jap J Clin Med 31:783-97, Apr 73 (20 ref.) (Jap)
ADOLESCENCE/ BLOOD COAGULATION TESTS/ BLOOD VISCOSITY/ CAPILLARY FRAGILITY/ CLOT RETRACTION/ FIBRINOLYSIS/ *HEMORRHAGIC DIATHESIS, diagnosis/ HEPARIN, diagnostic use/ HUMAN/ MALE/ PLATELET ADHESIVENESS/ PROTHROMBIN TIME/ REVIEW/ THROMBELASTOGRAPHY/ *THROMBOSIS, diagnosis

8626. **Yasunaga K:** [Idiopathic thrombopenic purpura]
Jap J Clin Hematol 13:504-9, Aug 72 (Jap)
AGGLUTINATION TESTS/ ANTIGENS/ BLOOD PLATELETS, immunology/ COMPLEMENT FIXATION TESTS/ HUMAN/ *PURPURA, THROMBOPENIC, immunology

8627. **Yates JW:** Problems of neoplastic disease: infections.
Semin Drug Treat 3:27-35, Summer 73
AGRANULOCYTOSIS, etiology/ ANTIBIOTICS, therapeutic use/ ANTI-INFECTIVE AGENTS, therapeutic use/ *BACTERIAL INFECTIONS, complications/ BACTERIAL INFECTIONS, drug therapy/ FEVER, etiology/ HODGKIN'S DISEASE, complications/ HUMAN/

HYPERSENSITIVITY, DELAYED/ IMMUNOLOGIC DEFICIENCY SYNDROMES, etiology/ IMMUNOSUPPRESSION/ LEUKEMIA, complications/ LYMPHOMA, complications/ MONILIASIS, complications/ MYCOSES, etiology/ *NEOPLASMS, complications/ PENICILLIN, therapeutic use/ PROTOZOAN INFECTIONS, complications/ THROMBOPENIA, etiology/ TUBERCULOSIS, etiology/ VIRUS DISEASES, complications

8628. **Yates SG 2d, Nakagawa Y, Berger K, et al:** Surface thrombogenicity of arterial prostheses.
Surg Gynecol Obstet 136:12-6, Jan 73
ANIMAL EXPERIMENTS/ AORTA, THORACIC, surgery/ *BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ *BLOOD VESSEL PROSTHESIS, standards/ DEXTRAN, pharmacodynamics/ DOGS/ FIBRINOLYSIS/ HEPARIN, pharmacodynamics/ POLYETHYLENE TEREPHTHALATE/ *SURFACE PROPERTIES/ *THROMBOSIS/ THROMBOSIS, prevention & control/ WOUND HEALING

8629. **Yatzidis H, Digenis P, Tountas C:** Heparin treatment of uremic itching. JAMA 222:1183, 27 Nov 72
HEMODIALYSIS/ HEPARIN, administration & dosage/ *HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, INTRAVENOUS/ *PRURITUS, drug therapy/ PRURITUS, etiology/ TIME FACTORS/ *UREMIA, complications

8630. **Yau TM, Rouhandeh H:** Monkeypox virus (MPV). I. Propagation, purification, and further characterization.
Arch Gesamte Virusforsch 39:140-50, 1972
ANTIMETABOLITES, pharmacodynamics/ CELL LINE/ CENTRIFUGATION, DENSITY GRADIENT/ HYDROCARBONS, HALOGENATED, pharmacodynamics/ KIDNEY/ MONKEY DISEASES, microbiology/ MONKEYS/ *POXVIRUS/ POXVIRUS, drug effects/ POXVIRUS, growth & development/ POXVIRUS, isolation & purification/ POXVIRUS INFECTIONS, veterinary/ THYMIDINE/ TRITIUM/ TRYPSIN, pharmacodynamics/ VIBRATION/ VIRUS CULTIVATION/ VIRUS REPLICATION, drug effects

8631. **Yavin E, Menkes JH:** The culture of dissociated cells from rat cerebral cortex. J Cell Biol 57:232-7, Apr 73
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ CELL AGGREGATION/ *CEREBRAL CORTEX, cytology/ COLLAGEN/ CYTOLOGICAL TECHNICS/ EMBRYO/ MICROSCOPY, PHASE CONTRAST/ PLASTICS/ RATS/ TIME FACTORS/ *TISSUE CULTURE/ TRYPSIN

8632. **Yazawa Y, Yagi K:** Studies on enzymatically active subfragments of myosin adenosine triphosphatase. II. Preparation by nagarse digestion and comparison with subfragments prepared by using different proteolytic enzymes.
J Biochem (Tokyo) 73:567-80, Mar 73
ACTIN/ *ADENOSINE TRIPHOSPHATASE/ AMINO ACIDS/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY/ CHROMATOGRAPHY, DEAE-CELLULOSE/ COMPARATIVE STUDY/ ENZYME ACTIVATION/ ENZYME INDUCTION/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ KINETICS/ MOLECULAR WEIGHT/ *MYOSIN/ MYOSIN, analysis/ *PEPTIDE HYDROLASES/ PROTEIN CONFORMATION/ RABBITS/ TRYPSIN/ VISCOSITY

8633. **Yeboah ED, Chisholm GD, Short MD, et al:** The detection and prediction of acute rejection episodes in human renal transplants using radioactive fibrinogen. Br J Urol 45:273-80, Jun 73
ANURIA/ BLADDER, analysis/ BLOOD CELL COUNT/ CREATININE, blood/ FIBRINOGEN, analysis/ *FIBRINOGEN, diagnostic use/ *GRAFT REJECTION/ HEMODIALYSIS/ HUMAN/ IMMUNOSUPPRESSION/ IODINE ISOTOPES/ KIDNEY, analysis/ *KIDNEY, transplantation/ MYOCARDIUM, analysis/ UREA, blood

8634. **Yee RD, Hepler RS:** Congenital hemangiomas of the skin with orbital and subglottic hemangiomas. Am J Ophthalmol 75:876-9, May 73
EXOPHTHALMOS, etiology/ FEMALE/ *GLOTTIS/ *HEMANGIOMA, congenital/ HEMANGIOMA, pathology/ HUMAN/ INFANT, NEWBORN/ *LARYNGEAL NEOPLASMS, congenital/ *ORBITAL NEOPLASMS, congenital/ PREDNISONE, therapeutic use/ RESPIRATORY INSUFFICIENCY, therapy/ *SKIN NEOPLASMS, congenital/ TRACHEA, pathology/ TRACHEAL NEOPLASMS, pathology

8635. **Yeh SH, Shih WJ, Liang JC:** Intravenous radionuclide hepatography in the differential diagnosis of intrahepatic mass lesions. J Nucl Med 14:565-7, Aug 73
CHOLANGIOMA, diagnosis/ CYSTS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ HEMATOMA, diagnosis/ HEPATOMA, diagnosis/ HUMAN/ INDIUM, administration & dosage/ INDIUM, diagnostic use/ INJECTIONS, INTRAVENOUS/ LIVER ABSCESS, diagnosis/ LIVER ABSCESS, AMEBIC, diagnosis/ *LIVER DISEASES, diagnosis/ *LIVER NEOPLASMS, diagnosis/ NEOPLASM METASTASIS/ *RADIOISOTOPE SCANNING/ RADIOISOTOPES, administration & dosage/ RADIOISOTOPES, diagnostic use/ TECHNETIUM, diagnostic use

8636. **Yeoman LC, Olson MO, Sugano N, et al:** Amino acid sequence of the center of the arginine-lysine-rich histone from calf thymus. The total sequence.
J Biol Chem 247:6018-23, 10 Oct 72
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ DANSYL COMPOUNDS/ ELECTROPHORESIS, PAPER/ GEL FILTRATION/ *HISTONES, analysis/ MALEATES/ PEPSIN/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ THERMOLYSIN/ THIOCYANATES/ *THYMUS GLAND, analysis/ TRYPSIN

8637. **Yin ET, Giudice LC, Wessler S:** Inhibition of activated factor X-induced platelet aggregation: the role of heparin and the plasma inhibitor to activated factor X.
J Lab Clin Med 82:390-8, Sep 73
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, drug effects/ CALCIUM, pharmacodynamics/ FACTOR V, pharmacodynamics/ *FACTOR X, antagonists & inhibitors/ FACTOR X, pharmacodynamics/ *HEPARIN, pharmacodynamics/ IN VITRO/ MAGNESIUM, pharmacodynamics/ *PLATELET ADHESIVENESS, drug effects/ PROTHROMBIN, pharmacodynamics/ RABBITS/ THROMBIN, pharmacodynamics

8638. **Yin ET, Wessler S, Butler JV:** Plasma heparin: a unique, practical, submicrogram-sensitive assay.
J Lab Clin Med 81:298-310, Feb 73
CALCIUM CHLORIDE/ CEPHALINS/ FACTOR X/ *HEPARIN, blood/ HUMAN/ METHODS/ SERUM ALBUMIN, BOVINE/ TROMETHAMINE

8639. **Yogamundi Moon J:** Factors affecting arterial calcification associated with atherosclerosis. A review. Atherosclerosis 16:119-26, Jul-Aug 72 (49 ref.)
ANIMAL EXPERIMENTS/ ARTERIOSCLEROSIS, chemically induced/ *ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, metabolism/ BLOOD VESSELS, metabolism/ CALCINOSIS, etiology/ CALCIUM, DIETARY/ CHOLECALCIFEROL, biosynthesis/ DIET, ATHEROGENIC/ ERGOCALCIFEROL, administration & dosage/ ERGOCALCIFEROL, poisoning/ HUMAN/ HYPERCHOLESTEREMIA, complications/ MAGNESIUM DEFICIENCY, complications/ MILK/ REVIEW

8640. **Yokoo A, Enomoto H, Matsui Y, et al:** [Pulmonary nocardiosis with Evans' syndrome]
Jap J Thorac Dis 11:292-5, May 73 (Jap)
ADULT/ *ANEMIA, HEMOLYTIC,

AUTOIMMUNE, complications/ FEMALE/ HUMAN/ *LEUKOPENIA, complications/ *LUNG DISEASES, complications/ *NOCARDIA INFECTIONS, complications/ *PURPURA, THROMBOPENIC, complications/ SYNDROME

8641. Yokota K, Chen R, Sakaguchi O: [Food hygienic studies of sulfite. 3. Effects of sulphus oxides on microbial hydrolytic enzymes and digestive enzymes]
Jap J Hyg 26:481-5, Feb 72 (Jap)
*AMYLASE, antagonists & inhibitors/ ASPERGILLUS FUMIGATUS, enzymology/ BACILLUS SUBTILIS, enzymology/ ENGLISH ABSTRACT/ FOOD ADDITIVES, pharmacodynamics/ PANCREATIC JUICE, enzymology/ PEPSIN, antagonists & inhibitors/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ SALIVA, enzymology/ *SULFITES, pharmacodynamics/ TRYPSIN, antagonists & inhibitors

8642. Yomo H, Varner JE: Hormonal control of a secretory tissue. Curr Top Dev Biol 6:111-44, 1971
AMINO ACIDS, pharmacodynamics/ AMYLASE, biosynthesis/ BROMATES, pharmacodynamics/ CALCIUM, pharmacodynamics/ CYCLOHEXIMIDE, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ ENDOPLASMIC RETICULUM, drug effects/ GIBBERELLINS, pharmacodynamics/ GIBBERELLINS, physiology/ *GRASSES, metabolism/ LEUCINE, metabolism/ PEPTIDE HYDROLASES, biosynthesis/ PHOSPHOLIPIDS, metabolism/ PLANT GROWTH REGULATORS, pharmacodynamics/ *PLANT GROWTH REGULATORS, physiology/ POLYRIBOSOMES, metabolism/ SEEDS, cytology/ SEEDS, drug effects/ SEEDS, enzymology/ *SEEDS, metabolism/ TRYPTOPHAN, metabolism

8643. Yon RJ: Wheat-germ aspartate transcarbamoylase. The effects of ligands on the inactivation of the enzyme by trypsin and denaturing agents.
Biochem J 131:699-706, Apr 73
*ASPARTATE CARBAMOYL TRANSFERASE, metabolism/ ASPARTIC ACID, pharmacodynamics/ CARBAMATES/ DICARBOXYLIC ACIDS, pharmacodynamics/ DRUG STABILITY/ GEL FILTRATION/ HEAT/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LIGANDS/ ORGANOPHOSPHORUS COMPOUNDS/ PLANTS/ PLANTS, drug effects/ *PLANTS, enzymology/ PROTEIN CONFORMATION/ PROTEIN DENATURATION/ SODIUM DODECYL SULFATE/ TIME FACTORS/ TRYPSIN, metabolism/ *TRYPSIN, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics/ URACIL NUCLEOTIDES, pharmacodynamics/ WHEAT

8644. Yoneda Y, Yamane K, Maruo B: Membrane mutation related to the production of extracellular -amylase and protease in bacillus subtilis.
Biochem Biophys Res Commun 50:765-70, 5 Feb 73
*AMYLASE, biosynthesis/ BACILLUS SUBTILIS, cytology/ *BACILLUS SUBTILIS, enzymology/ BACTERIAL PROTEINS, analysis/ CELL MEMBRANE, analysis/ *CELL MEMBRANE, enzymology/ DENSITOMETRY/ ELECTROPHORESIS, DISK/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GENES, REGULATOR/ GENES, STRUCTURAL/ MUTATION/ *PEPTIDE HYDROLASES, biosynthesis/ SODIUM DODECYL SULFATE/ TRANSFORMATION, GENETIC

8645. Yonkers AJ: Diagnosing and treating common disorders of the larynx. Geriatrics 28:150-5, Apr 73
ADULT/ ARTHRITIS, therapy/ ATROPHY, therapy/ CYSTS, therapy/ FIBROMA, therapy/ GRANULOMA, therapy/ HEMATOMA, therapy/ HOARSENESS, etiology/ HUMAN/ LARYNGEAL DISEASES, complications/ *LARYNGEAL DISEASES, diagnosis/ LARYNGEAL DISEASES, therapy/ LARYNGEAL EDEMA/ LARYNGEAL NEOPLASMS, therapy/ LARYNGITIS, therapy/ LARYNX, abnormalities/ LARYNX, injuries/ LEUKOPLAKIA, ORAL, therapy/ POLYPS, therapy/ SPEECH DISORDERS, etiology/ ULCER, therapy/ VOCAL CORD PARALYSIS

8646. Yoo BY, Krause MO: Extractability of histones from formalin-treated nuclei of L-cells.
Can J Biochem 51:106-11, Jan 73
*CELL NUCLEUS, analysis/ CHROMATOGRAPHY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ *HISTONES, isolation & purification/ HYDROCHLORIC ACID/ HYDROLYSIS/ *L CELLS, analysis/ L CELLS, cytology/ MICE/ TRYPSIN

8647. York NG: Malignant haemangioendothelioma of the breast. Med J Aust 2:1361-3, 9 Dec 72
ADOLESCENCE/ *BREAST NEOPLASMS/ CASE REPORT/ FEMALE/ *HEMANGIOENDOTHELIOMA/ HUMAN/ NEOPLASM METASTASIS

8648. Yoshida A: Micro method for determination of blocked NH 2 - terminal amino acids of protein: application to identification of acetylserine of phosphoglycerate kinase and pyroglutamic acid of glucose 6-phosphate dehydrogenase. Anal Biochem 49:320-5, Oct 72
ACETIC ACIDS, analysis/ *AMINO ACIDS, analysis/ BACILLUS SUBTILIS, enzymology/ CARBOXYPEPTIDASES/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, PAPER/ ERYTHROCYTES, enzymology/ *GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ GLUCOSEPHOSPHATE DEHYDROGENASE, blood/ HUMAN/ METHODS/ MICROCHEMISTRY/ PANCREAS, enzymology/ PEPTIDE HYDROLASES/ PEPTIDE PEPTIDOHYDROLASES/ PEPTIDES, isolation & purification/ *PHOSPHOGLYCERATE KINASE, analysis/ PHOSPHOGLYCERATE KINASE, blood/ PSEUDOMONAS, enzymology/ *PYRROLIDINONES, analysis/ PYRROLIDONECARBOXYLIC ACID, analysis/ *SERINE, analysis/ STREPTOMYCES GRISEUS, enzymology/ SWINE

8649. Yoshida K: Isolation of an additional capsular-type strain of Staphylococcus aureus by the serum-soft agar technique. Infect Immun 5:833-4, May 72
ACID PHOSPHATASE, metabolism/ AGAR/ ANTIBODIES, BACTERIAL/ *BACTERIOLOGICAL TECHNICS/ COAGULASE, metabolism/ DEOXYRIBONUCLEASE, metabolism/ FERMENTATION/ HUMAN/ OXIDATION-REDUCTION/ STAPHYLOCOCCUS, enzymology/ *STAPHYLOCOCCUS, isolation & purification/ STAPHYLOCOCCUS, metabolism

8650. Yoshida K, Tagawa N: [On the coagulation factors from V through XIII]
Jap J Clin Med 31:755-64, Apr 73 (66 ref.) (Jap)
*BLOOD COAGULATION FACTORS/ CHRISTMAS DISEASE, blood/ FACTOR V/ FACTOR V DEFICIENCY, blood/ FACTOR VII/ FACTOR VIII/ FACTOR IX/ FACTOR X/ FACTOR XI/ FACTOR XI DEFICIENCY, blood/ FACTOR XII/ FACTOR XIII/ FACTOR XIII DEFICIENCY, blood/ HEMOPHILIA, blood/ HUMAN/ HYPOPROCONVERTINEMIA, blood/ HYPOPROTHROMBINEMIAS, blood/ REVIEW

8651. Yoshida N, Yamasaki M, Ishii S: Specificity-determining site of alpha-chymotrypsin. 3. Inactivation of alpha-chymotrypsin by p-diazo-N-acetyl-L-phenylalanine methyl ester.
J Biochem (Tokyo) 73:1175-83, Jun 73
AMINO ACIDS, analysis/ AZO COMPOUNDS, pharmacodynamics/ BENZENE DERIVATIVES, pharmacodynamics/ BINDING SITES/ CHYMOTRYPSIN, analysis/ *CHYMOTRYPSIN, antagonists & inhibitors/ ESTERS/ *PHENYLALANINE, pharmacodynamics/ PROPIONATES, pharmacodynamics

8652. Yoshikawa S: [A study on the changes in the number of basophilic granulocytes in the peripheral blood in relation to immune reactions]
Jap J Clin Hematol 13:281-8, Jun 72 (Jap)

ANIMAL EXPERIMENTS/ *ANTIGEN-ANTIBODY REACTIONS/ ASTHMA, blood/ *BASOPHILS/ COLLAGEN DISEASES, blood/ ENGLISH ABSTRACT/ HUMAN/ INFECTION, blood/ LEUKOCYTE COUNT/ MALE/ PURPURA, THROMBOPENIC, blood/ RABBITS/ SERUM ALBUMIN, BOVINE/ TUBERCULOSIS, blood

8653. Yoshikawa-Fukada M, Nojima T: Biochemical characteristics of normal and virally transformed mouse cell lines. J Cell Physiol 80:421-30, Dec 72
ADENOSINE CYCLIC 3',5' MONOPHOSPHATE, analysis/ ADENOSINE TRIPHOSPHATASE, metabolism/ ADENOSINE TRIPHOSPHATE, analysis/ ADENYL CYCLASE, metabolism/ BINDING SITES/ CELL COUNT/ CELL LINE/ CELL MEMBRANE, enzymology/ *CELL TRANSFORMATION, NEOPLASTIC, drug effects/ CONCANAVALIN A, metabolism/ CONTACT INHIBITION/ CULTURE MEDIA/ FIBROBLASTS/ MICE/ *POTASSIUM, pharmacodynamics/ SV40 VIRUS/ TIME FACTORS/ TRITIUM/ TRYPSIN

8654. Yoshiki S, Umeda T: Histochemical demonstration of acid mucopolysaccharides in rat enamel matrix at the stage of matrix formation after treatment with proteases. Arch Oral Biol 17:1765-70, Dec 72
ANIMAL EXPERIMENTS/ *DENTAL ENAMEL, analysis/ DENTAL ENAMEL, drug effects/ DENTAL ENAMEL, growth & development/ HISTOCYTOCHEMISTRY/ *MUCOPOLYSACCHARIDES, analysis/ *PEPTIDE HYDROLASES/ RATS/ STAINS AND STAINING

8655. Yoshimoto T, Tsuru D: Studies on bacteriolytic enzymes. II. Purification and some properties of two types of staphylolytic enzymes from Streptomyces griseus. J Biochem (Tokyo) 72:379-90, Aug 72
*BACTERIOLYSIS/ CHROMATOGRAPHY/ ELECTROPHORESIS, DISK/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ ISOELECTRIC FOCUSING/ *MURAMIDASE, isolation & purification/ *PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ STAPHYLOCOCCUS/ *STREPTOMYCES, enzymology/ STREPTOMYCES GRISEUS, cytology/ STREPTOMYCES GRISEUS, enzymology

8656. Youmans AS, Youmans GP: Effect of polybasic amines on the immunogenicity of mycobacterial ribonucleic acid. Infect Immun 6:798-804, Nov 72
*AMINES, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ANTIGENS, BACTERIAL/ DEXTRAN, pharmacodynamics/ FREUND'S ADJUVANT/ IMMUNIZATION/ MALE/ MICE/ MYCOBACTERIUM TUBERCULOSIS, immunology/ NEOMYCIN, pharmacodynamics/ PROTAMINES, pharmacodynamics/ *RNA, BACTERIAL/ SERUM ALBUMIN, pharmacodynamics/ STREPTOMYCIN, pharmacodynamics

8657. Young JR: Thrombophlebitis and chronic venous insufficiency. Geriatrics 28:63-9, Sep 73
AGED/ BLOOD COAGULATION DISORDERS, complications/ CHRONIC DISEASE/ CONTRACEPTIVES, ORAL, adverse effects/ ENDOTHELIUM/ FEMALE/ FIBRINOGEN/ GANGRENE, complications/ HUMAN/ IODINE ISOTOPES/ MALE/ PALPATION/ PHLEBOGRAPHY/ PULMONARY EMBOLISM, complications/ SUDECK'S ATROPHY, complications/ THROMBOPHLEBITIS, complications/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, pathology/ THROMBOPHLEBITIS, prevention & control/ THROMBOPHLEBITIS, therapy/ VENOUS INSUFFICIENCY, complications/ *VENOUS INSUFFICIENCY, diagnosis/ VENOUS INSUFFICIENCY, etiology/ WOUNDS AND INJURIES, complications

8658. Young RC, Canellos GP, Chabner BA, et al: Maintenance chemotherapy for advanced Hodgkin's disease in remission. Lancet 1:1339-43, 16 Jun 73
BLOOD CELL COUNT/ BLOOD PLATELETS/ COMPARATIVE STUDY/ HODGKIN'S DISEASE, complications/ *HODGKIN'S DISEASE, drug therapy/ HODGKIN'S DISEASE, mortality/ HUMAN/ LYMPHOCYTES/ MECHLORETHAMINE, administration & dosage/ MECHLORETHAMINE, therapeutic use/ MYELOFIBROSIS, complications/ NITROSOUREA COMPOUNDS, administration & dosage/ NITROSOUREA COMPOUNDS, therapeutic use/ PREDNISONE, administration & dosage/ PREDNISONE, therapeutic use/ PROCARBAZINE, administration & dosage/ PROCARBAZINE, therapeutic use/ PROGNOSIS/ RECURRENCE/ REMISSION/ TIME FACTORS/ VINCRISTINE, administration & dosage/ VINCRISTINE, therapeutic use

8659. Young RC, Walker MD, Canellos GP, et al: Initial clinical trials with methyl-CCNU 1-(2-chlorethyl)-3-(4-methyl cyclohexyl)-1-nitrosourea (MeCCNU). Cancer 31:1164-9, May 73
CYCLOHEXANE, administration & dosage/ *CYCLOHEXANE, therapeutic use/ EVALUATION STUDIES/ HEMATOPOIETIC SYSTEM, drug effects/ HUMAN/ LEUKOPENIA, chemically induced/ *NEOPLASMS, drug therapy/ NITROSOUREA COMPOUNDS, administration & dosage/ NITROSOUREA COMPOUNDS, adverse effects/ *NITROSOUREA COMPOUNDS, therapeutic use/ THROMBOPENIA, chemically induced

8660. Young RC Jr, Headings VE, Bose S, et al: Alpha 1 antitrypsin levels in sarcoidosis: relationship to disease activity. Chest 64:39-45, Jul 73
ACETATES/ AIRWAY OBSTRUCTION, complications/ AIRWAY OBSTRUCTION, physiopathology/ AIRWAY RESISTANCE/ ALPHA GLOBULIN, analysis/ CELLULOSE/ ELECTROPHORESIS/ GEL DIFFUSION TESTS/ HUMAN/ LUNG COMPLIANCE/ *SARCOIDOSIS, blood/ SARCOIDOSIS, complications/ SARCOIDOSIS, physiopathology/ SMOKING, complications/ SPIROMETRY/ *TRYPSIN INHIBITORS, blood

8661. Youngs GR, Agnew JE, Levin GE, et al: A comparative study of four tests of pancreatic function in the diagnosis of pancreatic disease. Q J Med 42:597-618, Jul 73
COMPARATIVE STUDY/ FOOD/ HUMAN/ INJECTIONS, INTRAVENOUS/ INTUBATION, GASTROINTESTINAL/ *PANCREAS, physiopathology/ *PANCREATIC DISEASES, diagnosis/ RADIOISOTOPE SCANNING/ RADIOISOTOPES, diagnostic use/ SELENIUM, diagnostic use/ SUBTRACTION TECHNIC/ TRYPSIN, analysis

8662. Yourassowsky E, DeBroe ME, Wieme RJ: Effect of heparin on gentamicin concentration in blood. Clin Chim Acta 42:189-91, Nov 72
CHEMISTRY/ ESCHERICHIA COLI, drug effects/ ESCHERICHIA COLI, growth & development/ GENTAMICIN/ GENTAMICIN, antagonists & inhibitors/ *GENTAMICIN, blood/ HEPARIN/ *HEPARIN, pharmacodynamics/ STAPHYLOCOCCUS, drug effects/ STAPHYLOCOCCUS, growth & development

8663. Yu PH, Kula MR, Tsai H: Studies on the apparent instability of Neurospora tryptophan synthase. Evidence for protease. Eur J Biochem 32:129-35, 3 Jan 73
BENZYL COMPOUNDS/ CASEIN/ EDTA/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ GEL FILTRATION/ *HYDRO-LYASES, antagonists & inhibitors/ INDOLES/ MERCURIBENZOATES/ *NEUROSPORA, enzymology/ NEUROSPORA CRASSA, enzymology/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ PEPTIDE PEPTIDOHYDROLASES, biosynthesis/ PEPTIDE

PEPTIDOHYDROLASES, isolation & purification/ SERINE/ SULFONES/ TRYPTOPHAN SYNTHETASE, antagonists & inhibitors/ TRYPTOPHAN SYNTHETASE, isolation & purification

8664. **Yu RJ, Grappel SF, Blank F:** Inhibition of keratinases by 2 -macroglobulin. Experientia 28:886, 15 Aug 72
ADULT/ CHYMOTRYPSIN, antagonists & inhibitors/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HUMAN/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ INFANT, NEWBORN/ KERATIN/ MACROGLOBULINS, isolation & purification/ *MACROGLOBULINS, pharmacodynamics/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ RABBITS, immunology/ *TINEA, enzymology/ TINEA, immunology/ *TRICHOPHYTON, enzymology/ TRICHOPHYTON, immunology/ TRYPSIN INHIBITORS, analysis

8665. **Yu RJ, Ragot J, Blank F:** Keratinases: hydrolysis of keratinous substrates by three enzymes of Trichophyton mentagrophytes. Experientia 28:1512-3, 15 Dec 72
ADULT/ ANIMAL EXPERIMENTS/ CALLUS, analysis/ CHILD/ GOATS/ GUINEA PIGS/ HAIR, analysis/ HOOF AND CLAW, analysis/ HORSES/ HUMAN/ HYDROLYSIS/ KERATIN/ KERATIN, isolation & purification/ KERATIN, metabolism/ NAILS, analysis/ *PEPTIDE PEPTIDOHYDROLASES, metabolism/ RABBITS/ RATS/ SHEEP/ *TRICHOPHYTIN/ WOOL, analysis

8666. **Yu SK, Goldsmith HL:** Behavior of model particles and blood cells at spherical obstructions in tube flow. Microvasc Res 6:5-31, Jul 73
ALUMINUM/ *BLOOD FLOW VELOCITY/ *BLOOD PLATELETS, physiology/ CARBON/ DENSITOMETRY/ *ERYTHROCYTES, physiology/ HUMAN/ LATEX PARTICLES/ MATHEMATICS/ METHODS/ MICROSCOPY/ MICROSPHERES/ MODELS, THEORETICAL/ PLATELET ADHESIVENESS/ POLYSTYRENES

8667. **Yuan L, Stivala SS:** Viscosity of heparin as a function of dielectric constant and of desulfation. Biopolymers 11:2079-89, 1972
ELECTROCHEMISTRY/ *HEPARIN/ SOLVENTS/ *SULFATES/ *VISCOSITY

8668. **Yudaken IR, Bloomberg BM:** Oral glucose tolerance tests. S Afr Med J 47:865-7, 26 May 73
ADMINISTRATION, ORAL/ BLOOD PRESERVATION/ BLOOD SPECIMEN COLLECTION/ BLOOD SUGAR, metabolism/ DIABETES MELLITUS, diagnosis/ GLUCOSE, administration & dosage/ GLUCOSE, metabolism/ *GLUCOSE TOLERANCE TEST/ GLUCOSE TOLERANCE TEST, standards/ HUMAN/ INSURANCE, LIFE/ INTESTINAL ABSORPTION/ PREDIABETIC STATE, diagnosis/ TIME FACTORS

8669. **Yudis M:** Thrombotic thrombocytopenic purpura and gynaecological manifestations. Lancet 1:1445, 23 Jun 73
*ABORTION, SEPTIC, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ *DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ FEMALE/ HUMAN/ PURPURA, THROMBOTIC THROMBOPENIC, complications/ *PURPURA, THROMBOTIC THROMBOPENIC, diagnosis

8670. **Yudkin J, Szanto S:** Increased levels of plasma insulin and eleven hydroxycorticosteroid induced by sucrose, and their reduction by phenformin. Horm Metab Res 4:417-20, Nov 72
ADULT/ BLOOD COAGULATION FACTORS/ BLOOD PLATELETS, drug effects/ BODY WEIGHT, drug effects/ CHOLESTEROL, blood/ CLINICAL RESEARCH/ DIET/ FIBRINOGEN, analysis/ HUMAN/ *11-HYDROXYCORTICOSTEROIDS, blood/ *INSULIN, blood/ INSULIN ANTIBODIES, analysis/ MALE/ *PHENFORMIN, pharmacodynamics/ PLACEBOS/ PLATELET ADHESIVENESS, drug effects/ *SUCROSE, pharmacodynamics/ TIME FACTORS/ TRIGLYCERIDES, blood

8671. **Yunis AA, Schultz DR, Sato GH:** The secretion of fibrinolysin by cultured rat ovarian tumor cells. Biochem Biophys Res Commun 52:1003-12, 8 Jun 73
AMINOCAPROIC ACID, pharmacodynamics/ ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ CENTRIFUGATION, DENSITY GRADIENT/ CLONE CELLS/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ FEMALE/ FIBRINOGEN/ FIBRINOLYSIN, isolation & purification/ *FIBRINOLYSIN, secretion/ GEL FILTRATION/ HUMAN/ IMMUNOELECTROPHORESIS/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ *OVARIAN NEOPLASMS, metabolism/ OVARY, secretion/ RATS/ TRYPSIN INHIBITORS, pharmacodynamics

Z

8672. **Zabezhinskiĭ MA:** O bystrom methode induktsii opukholeĭ pecheni u krys. Vopr Onkol 18:85, 1972 (Rus)
ANIMAL EXPERIMENTS/ CHOLANGIOMA, chemically induced/ HEMANGIOENDOTHELIOMA, chemically induced/ HEPATOMA, chemically induced/ *LIVER NEOPLASMS, chemically induced/ METHODS/ *NEOPLASMS, EXPERIMENTAL, chemically induced/ *NITROSAMINES/ RATS

8673. **Zach HP, Werle E:** Uber den Kininogengehalt von Serum und Plasma nach Gewebsschädigung bei Ratten. Naunyn Schmiedebergs Arch Pharmacol 276:167-80, 23 Feb 73 (Ger)
ACETIC ACIDS, pharmacodynamics/ ADRENAL GLANDS, physiology/ ALPHA GLOBULIN, analysis/ ANIMAL EXPERIMENTS/ CROTON OIL, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, analysis/ HYDROCORTISONE, pharmacodynamics/ INFLAMMATION/ KALLIKREIN, blood/ KININASE I, blood/ KININOGENS, blood/ *KININS, blood/ PHENYLBUTAZONE, pharmacodynamics/ *PROTEIN PRECURSORS, blood/ RATS/ SALICYLATES, pharmacodynamics/ *WOUNDS AND INJURIES, blood

8674. **Zachara B:** The effect of persantin on the phosphate compounds in erythrocytes during blood conservation. Acta Haematol (Basel) 48:164-75, 1972
ACIDS/ ADENINE NUCLEOTIDES, blood/ ADENOSINE/ *BLOOD PRESERVATION/ CITRATES/ *DIPYRIDAMOLE, pharmacodynamics/ *ERYTHROCYTES, drug effects/ ERYTHROCYTES, metabolism/ GLUCOSE/ GLYCEROPHOSPHATES, blood/ HUMAN/ *PHOSPHATES, blood/ PHOSPHATES, metabolism

8675. **Zachariae H, Thomsen K, Rasmussen OG:** Occupational enzyme dermatitis. Results of patch testing with Alcalase. Acta Derm Venereol (Stockh) 53:145-8, 1973
*DETERGENTS/ HUMAN/ *OCCUPATIONAL DERMATITIS/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, adverse effects/ SKIN TESTS/ SUBTILISINS

8676. **Zacharski LR, Hoyer LW, McIntyre OR:** Immunologic identification of tissue factor (thromboplastin) synthesized by cultured fibroblasts. Blood 41:671-8, May 73
ANTIBODIES/ BINDING SITES, ANTIBODY/ BLOOD COAGULATION/ CATTLE/ CELLS, CULTURED/ FACTOR VIII/ FACTOR IX/ FACTOR XI/ FACTOR XII/ FIBROBLASTS, metabolism/ HUMAN/ NEUTRALIZATION TESTS/ *THROMBOPLASTIN, analysis

8677. **Zacharski LR, Jenny C, McIntyre OR:** Intravenously given conjugated estrogens. Lack of effect of capillary stability. JAMA 224:1519-20, 11 Jun 73
ADULT/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ *CAPILLARY

FRAGILITY, drug effects/ CLINICAL RESEARCH/ *ESTROGENIC SUBSTANCES, CONJUGATED, administration & dosage/ ESTROGENIC SUBSTANCES, CONJUGATED, adverse effects/ ESTROGENIC SUBSTANCES, CONJUGATED, pharmacodynamics/ FEMALE/ HEMOSTASIS/ HUMAN/ INJECTIONS, INTRAVENOUS/ MALE/ PLACEBOS/ THROMBOPHLEBITIS, chemically induced/ TIME FACTORS

8678. **Zacharski LR, McIntyre OR:** Membrane-mediated synthesis of tissue factor (thromboplastin) in cultured fibroblasts. Blood 41:679-85, May 73
BINDING SITES, ANTIBODY/ CELL ADHESION/ CELL MEMBRANE/ CELLS, CULTURED/ CULTURE MEDIA/ DACTINOMYCIN, pharmacodynamics/ FIBROBLASTS, drug effects/ *FIBROBLASTS, metabolism/ PUROMYCIN, pharmacodynamics/ *THROMBOPLASTIN, biosynthesis/ TRYPSIN, pharmacodynamics/ TRYPSIN INHIBITORS, pharmacodynamics

8679. **Zacharski LR, McIntyre OR:** A standardized test of platelet adhesiveness.
Am J Clin Pathol 58:422-7, Oct 72
FEMALE/ HEMATOLOGY, instrumentation/ HEMOPHILIA, blood/ HEPARIN, diagnostic use/ HUMAN/ MALE/ METHODS/ *PLATELET ADHESIVENESS/ VON WILLEBRAND'S DISEASE, blood

8680. **Zachary D, Hoffmann JA, Porte A:** Sur un nouveau type de cellule sanguine (le thrombocytoide) chez Calliphora erythrocephala.
C R Acad Sci [D] (Paris) 275:393-5, 17 Jul 72 (Fre)
ANIMAL EXPERIMENTS/ *BLOOD CELLS/ BLOOD PLATELETS/ CELL MEMBRANE/ CELL NUCLEUS/ CYTOPLASM/ *DIPTERA, cytology/ *HEMOLYMPH, cytology/ MICROSCOPY, ELECTRON/ MICROSCOPY, PHASE CONTRAST

8681. **Zaets NA:** Proba tormozheniia svertyvaemosti krovi u LORbol'nykh s bakterial'noĭ allergieĭ.
Voen Med Zh 5:18-21, May 72 (Rus)
ALLERGENS/ BACTERIA/ *BLOOD COAGULATION/ HUMAN/ *HYPERSENSITIVITY, blood/ MALE/ *NASAL POLYPS, blood/ *SINUSITIS, blood

8682. **Zaeveld LJ, Schumacher GF, Fritz H, et al:** Interaction of human sperm acrosomal proteinase with human seminal plasma proteinase inhibitors.
J Reprod Fertil 32:525-9, Mar 73
CHROMATOGRAPHY, AFFINITY/ GEL FILTRATION/ HUMAN/ LYSOSOMES/ MALE/ MOLECULAR WEIGHT/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ *SEMEN, enzymology/ *SPERMATOZOA, enzymology

8683. **Zaffiri O, Centi R, Pertoldi S, et al:** Le reazioni da ipersensibilità al dextran.
Minerva Anestesiol 39:238-41, May 73 (Ita)
BLOOD COAGULATION DISORDERS, chemically induced/ *DEXTRAN, adverse effects/ *DRUG HYPERSENSITIVITY/ HUMAN/ NEPHROSIS, chemically induced

8684. **Zagalski J:** Naczyniaki krwionośne jamy ustnej i ich leczenie.
Czas Stomatol 25:729-34, 1972 (Pol)
ENGLISH ABSTRACT/ *HEMANGIOMA, drug therapy/ HUMAN/ SCLEROSING SOLUTIONS, therapeutic use/ *TONGUE NEOPLASMS, drug therapy/ TRICHLOROACETIC ACID, therapeutic use

8685. **Zager J, Tjandramaga TB, Cucinell SA, et al:** Coumarin resistance in a Negro woman.
Ann Intern Med 78:775-6, May 73
ADULT/ BISHYDROXYCOUMARIN, administration & dosage/ BISHYDROXYCOUMARIN, therapeutic use/ CASE REPORT/ *COUMARINS/ *DRUG RESISTANCE/ FEMALE/ HALF-LIFE/ HUMAN/ PROTHROMBIN TIME/ WARFARIN, therapeutic use

8686. **Zahavi J, Dreyfuss F, Kalef M, et al:** Adenosine diphosphate-induced platelet aggregation in healthy women with and without a combined and sequential contraceptive pill.
Am J Obstet Gynecol 117:107-13, 1 Sep 73
*ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADULT/ BLOOD COAGULATION TESTS/ BLOOD SEDIMENTATION/ CHLORMADINONE, pharmacodynamics/ CONTRACEPTIVES, ORAL, administration & dosage/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ FIBRINOGEN/ HUMAN/ MALE/ MENSTRUATION/ MESTRANOL, pharmacodynamics/ MIDDLE AGE/ OVULATION/ *PLATELET ADHESIVENESS, drug effects/ STATISTICS/ URIC ACID, blood

8687. **Zaikina NA, Ivanova SP, Grekova VK, et al:** Serologicheskie osobennosti plazmokoagulazy zolotistogo stafilokokka.
Zh Mikrobiol Epidemiol Immunobiol 49:60-3, Sep 72 (Rus)
ANIMAL EXPERIMENTS/ ANTIGENIC DETERMINANTS/ ANTIGENS, BACTERIAL/ *COAGULASE/ COMPLEMENT FIXATION TESTS/ ENGLISH ABSTRACT/ HUMAN/ LEUCINE AMINOPEPTIDASE, blood/ RABBITS/ *STAPHYLOCOCCUS, immunology

8688. **Zakarian AE, Akopian TN, Panosian GA:** Opredelenie vzaimodeĭstviia politsiklicheskikh uglevodorodov s belkami metodom khemiliuminestsentsii.
Biofizika 17:769-74, Sep-Oct 72 (Rus)
ANTHRACENES/ BENZANTHRACENES/ *CARCINOGENS/ DEOXYRIBONUCLEASE/ DIMETHYLFORMAMIDE/ ENGLISH ABSTRACT/ *ENZYMES/ HISTONES/ LUMINESCENCE/ METHODS/ METHYLCHOLANTHRENE/ PEROXIDES/ PROTAMINES/ *PROTEINS/ RIBONUCLEASE/ SERUM ALBUMIN, BOVINE/ TRYPSIN

8689. **Zakarian LM:** Rezistentnost' k suleme stafilokokkov vydelennykh ot bol'nykh i ot zdorovykh liudeĭ.
Zh Mikrobiol Epidemiol Immunobiol 49:46-50, Nov 72 (Rus)
ANTIBIOTICS, pharmacodynamics/ BACTERIOPHAGE TYPING/ CHLORIDES, pharmacodynamics/ *CROSS INFECTION, microbiology/ *DRUG RESISTANCE, MICROBIAL/ ENGLISH ABSTRACT/ FIBRINOLYSIN, biosynthesis/ HEMOLYSIS/ HUMAN/ *MERCURY, pharmacodynamics/ PHOSPHOLIPASE, biosynthesis/ *STAPHYLOCOCCUS, drug effects/ STAPHYLOCOCCUS, enzymology

8690. **Zakharchenko VN, Larionov SM:** A method for measurement of biological fluids using a viscometer with a free floating cylinder.
Biorheology 10:267-70, Jun 73
BLOOD VISCOSITY/ METHODS/ *RHEOLOGY, instrumentation/ VISCOSITY

8691. **Zakharia HS, Asdourian K, Matta CS:** Unilateral exophthalmos. Aetiological study of 85 cases.
Br J Ophthalmol 56:678-86, Sep 72
ADOLESCENCE/ ADULT/ AGED/ CAROTID ARTERY DISEASES, complications/ CAVERNOUS SINUS/ CELLULITIS, complications/ CHILD/ CHILD, PRESCHOOL/ ECHINOCOCCOSIS, complications/ *EXOPHTHALMOS, etiology/ FEMALE/ FISTULA, complications/ HEMANGIOMA, complications/ HEMORRHAGE, complications/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ MENINGIOMA, complications/ MIDDLE AGE/ ORBIT/ ORBIT, injuries/ ORBITAL NEOPLASMS, complications/ THROMBOSIS, complications/ THYROID DISEASES, complications

8692. **Zakirov EKh, Smyshliaev IV, Kazantsev FN:** Gistamin i svertyvaiushchaia sistema krovi pri travmaticheskom shoke.
Vestn Khir 108:102-5, Jul 72 (Rus)
*BLOOD COAGULATION/ ENGLISH ABSTRACT/ *HISTAMINE, blood/ HUMAN/

*SHOCK, TRAUMATIC, blood/ THROMBELASTOGRAPHY/ TIME FACTORS/ WOUNDS AND INJURIES, surgery

8693. **Zakirov UB, Aliev KhU, Kamilov IK:** O farmakologicheskikh svoĭstvakh metilapogalantamina gidrokhlorida.
Farmakol Toksikol 35:708-11, Nov-Dec 72 (Rus)
ANIMAL EXPERIMENTS/ ANTIHISTAMINICS, pharmacodynamics/ *ANTIHYPERTENSIVE AGENTS/ BLOOD COAGULATION, drug effects/ *BLOOD PRESSURE, drug effects/ BRAIN, drug effects/ CONDITIONING (PSYCHOLOGY), drug effects/ *CORONARY CIRCULATION, drug effects/ DOGS/ ENGLISH ABSTRACT/ EPINEPHRINE, antagonists & inhibitors/ *GALANTHAMINE, pharmacodynamics/ GALANTHAMINE, toxicity/ GANGLIA, AUTONOMIC, drug effects/ GASTROINTESTINAL MOTILITY, drug effects/ HEART, drug effects/ *HYPERTENSION, drug therapy/ RABBITS/ RATS/ RESPIRATION, drug effects

8694. **Zalusky R, Zanjani ED, Gidari AS, et al:** Site of action of a serum inhibitor of erythropoiesis.
J Lab Clin Med 81:867-75, Jun 73
ADULT/ ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ ANTINUCLEAR FACTORS, analysis/ *AUTOIMMUNE DISEASES, immunology/ BINDING SITES/ BONE MARROW EXAMINATION/ *ERYTHROPOIESIS, drug effects/ *ERYTHROPOIETIN, administration & dosage/ ERYTHROPOIETIN, pharmacodynamics/ FEMALE/ HEMATOCRIT/ HEME, biosynthesis/ HEMOGLOBINOMETRY/ HUMAN/ *IGG/ IMMUNE SERUMS/ IN VITRO/ IRON ISOTOPES/ LEUKOCYTE COUNT/ MICE/ *MYASTHENIA GRAVIS, immunology/ *PURPURA, THROMBOPENIC, immunology/ RATS/ RETICULOCYTES, drug effects/ RHEUMATOID FACTOR, analysis

8695. **Zander R, Schmid-Schönbein H:** Influence of intracellular convection on the oxygen release by human erythrocytes. Pfluegers Arch 335:58-73, 1972
BIOLOGICAL TRANSPORT/ BLOOD VISCOSITY/ *BODY FLUIDS, metabolism/ CELL MEMBRANE, physiology/ DIFFUSION/ *ERYTHROCYTES, physiology/ ERYTHROCYTES, ABNORMAL, metabolism/ FEMALE/ HEMOGLOBIN, metabolism/ HUMAN/ MALE/ OSMOTIC PRESSURE/ *OXYGEN, metabolism/ PARTIAL PRESSURE/ RHEOLOGY/ TEMPERATURE/ TIME FACTORS

8696. **Zandomeneghi R, Buchanan KD:** A method for measuring the release of gut glucagon-like immunoreactivity from rat jejunum "in vitro".
Diabetologia 8:283-6, Aug 72
ANIMAL EXPERIMENTS/ ANTIBODIES/ EDTA/ *GLUCAGON, metabolism/ GLUCAGON, secretion/ GLUCOSE, pharmacodynamics/ INTESTINES, drug effects/ INTESTINES, immunology/ *INTESTINES, metabolism/ INTESTINES, secretion/ IODINE ISOTOPES/ KALLIKREIN-TRYPSIN INACTIVATOR/ METHODS/ RABBITS, immunology/ RADIOIMMUNOASSAY/ RATS

8697. **Zaneveld LJ, Schumacher GF, Travis J:** Human sperm acrosomal proteinase: antibody inhibition and immunologic dissimilarity to human pancreatic trypsin. Fertil Steril 24:479-84, Jun 73
ANTIBODY FORMATION/ *ANTIGEN-ANTIBODY REACTIONS/ ESTERASES, analysis/ FERTILIZATION, drug effects/ FIBRINOLYSIN, analysis/ GEL DIFFUSION TESTS/ GELATIN/ HUMAN/ IMMUNE SERUMS/ MALE/ METHODS/ *PANCREAS, enzymology/ PEPTIDE HYDROLASES, antagonists & inhibitors/ *PEPTIDE HYDROLASES, physiology/ PLASMINOGEN, analysis/ RABBITS, immunology/ *SPERMATOZOA, enzymology/ *TRYPSIN, physiology

8698. **Zangara A, Dugoni D, Anselmi L:** Valutazione tromboelastografica dell'emocoagulazione nell'infarto miocardico acuto trattato con 3,4,5 trimetossibenzoilaminicaproato sodico.
Minerva Med 64:803-11, 21 Mar 73 (Ita)
ACUTE DISEASE/ ADULT/ AGED/ AMINOCAPROIC ACID, pharmacodynamics/ *AMINOCAPROIC ACID, therapeutic use/ BENZOATES, pharmacodynamics/ *BENZOATES, therapeutic use/ BLOOD COAGULATION, drug effects/ *COUMARINS, therapeutic use/ DRUG INTERACTIONS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, drug therapy/ THROMBELASTOGRAPHY/ TIME FACTORS

8699. **Zangara A, Dugoni D, Anselmi L:** Valutazione tromboelastografica dell'emocoagulazione nell'infarto miocardico acuto trattato con 3,4,5 trimetossibenzoilaminocaproato sodico.
Minerva Med 64:803-11, 21 Mar 73 (Ita)
ACUTE DISEASE/ ADULT/ *AMINOCAPROIC ACID, pharmacodynamics/ *BENZOATES, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ CAPROATES, administration & dosage/ CAPROATES, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ HEMODYNAMICS, drug effects/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, physiopathology/ THROMBELASTOGRAPHY/ TIME FACTORS

8700. **Zapatka FA, Bartolomeo B:** Microbiological evaluation of cold-water shrimp (Pandalus borealis).
Appl Microbiol 25:858-61, Jun 73
BACTERIOLOGICAL TECHNICS/ CELL COUNT/ COAGULASE, biosynthesis/ *ESCHERICHIA COLI, isolation & purification/ FOOD HANDLING/ *FOOD MICROBIOLOGY/ MAINE/ PUBLIC HEALTH/ *SHELLFISH/ SHRIMP/ STAPHYLOCOCCUS, enzymology/ *STAPHYLOCOCCUS, isolation & purification/ TEMPERATURE

8701. **Zapponi MC, Ferri G, Forcina BG, et al:** Reaction of rabbit muscle apo-glyceraldehyde-3-P-dehydrogenase with pyridoxal-5'-phosphate.
FEBS Lett 31:287-91, 1 May 73
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ APOPROTEINS/ APOPROTEINS, analysis/ APOPROTEINS, metabolism/ BINDING SITES/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ CRYSTALLIZATION/ ELECTROPHORESIS, PAPER/ *GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE/ GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE, analysis/ GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE, metabolism/ KINETICS/ *MUSCLES, enzymology/ NAD/ PEPTIDES, analysis/ PROTEIN BINDING/ *PYRIDOXAL PHOSPHATE/ PYRIDOXAL PHOSPHATE, metabolism/ RABBITS/ SPECTROPHOTOMETRY, ULTRAVIOLET/ TRYPSIN

8702. **Zarębski M:** Układ fibrynolityczny i kininotwórczy w zapaleniu stawu kolanowego u szczura, wywołanym filipainą.
Reumatologia 11:173-8, 1973 (Pol)
ANIMAL EXPERIMENTS/ *ARTHRITIS, blood/ ARTHRITIS, chemically induced/ BODY TEMPERATURE/ ENGLISH ABSTRACT/ *FATTY ACIDS, UNSATURATED/ *FIBRINOLYSIS, drug effects/ INJECTIONS, INTRA-ARTICULAR/ KALLIKREIN, blood/ KININOGENS/ *KININS/ *KNEE JOINT/ LACTONES, pharmacodynamics/ MALE/ RATS

8703. **Zarfolomeev SD, Martinek K, Berezin IV:** Interaction of leuco-carbinol of brilliant green with active center of -chymotrypsin. Mol Biol 6:118-22, Jan-Feb 72
ACETIC ACIDS/ BINDING SITES/ *CHYMOTRYPSIN/ CHYMOTRYPSIN, antagonists & inhibitors/ *DYES/ HYDROGEN-ION CONCENTRATION/

KINETICS/ MATHEMATICS/ PROTEIN BINDING/ SPECTROPHOTOMETRY/ TRYPTOPHAN

8704. **Zaslavskaia RM, Perepelkin EG, Sazonova NM:** Sutochnyĭ ritm kolebaniĭ pokazateleĭ svertyvaiushcheĭ i protivosvertyvaiushcheĭ sistem krovi u zdorovykh lits.
Fiziol Zh SSSR 59:95-8, Jan 73 (Rus)
ADULT/ AGED/ *BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ *CIRCADIAN RHYTHM/ ENGLISH ABSTRACT/ FACTOR V, analysis/ FACTOR VII, analysis/ FIBRINOGEN, analysis/ HEPARIN, analysis/ HUMAN/ MIDDLE AGE

8705. **Zaslavskaia RM, Perepelkin EG, Sazonova NM:** Ritm sutochnykh kolebaniĭ pokazatelei svertiuvaiushchei i protivosvertyvaiushchei sistem krovi u bolnykh infarktom miokarda.
Sov Med 35:25-9, Aug 72 (Rus)
ADULT/ AGED/ *BLOOD COAGULATION/ *CIRCADIAN RHYTHM/ ENGLISH ABSTRACT/ HUMAN/ MIDDLE AGE/ *MYOCARDIAL INFARCT, blood/ PERIODICITY

8706. **Zatula DG, Reznik SR:** Mikromodyfikatsiia metodu vyznachennia chutlyvosti dehidrohenaz pukhlyn liudyny do antyblastomnykh antyviotykiv i khimioterapevtychnykh preparativ.
Mikrobiol Zh 33:520-2, Aug-Sep 71 (Ukr)
*ANTIBIOTICS, ANTINEOPLASTIC/ *DRUG RESISTANCE/ ENGLISH ABSTRACT/ HUMAN/ METHODS/ *NEOPLASMS, enzymology/ *PEPTIDE HYDROLASES

8707. **Zavell PM:** Perinatal tips.
Mich Med 71:1008 passim, Dec 72
ADOLESCENCE/ CESAREAN SECTION/ FEMALE/ *HEMORRHAGIC DISEASE OF NEWBORN/ HUMAN/ *INFANT MORTALITY/ INFANT, NEWBORN/ *LABOR COMPLICATIONS/ PREGNANCY/ PRENATAL CARE

8708. **Zawidzka ZZ, Coldwell BB, Grice HC:** Effect of non-narcotic analgesics on anticoagulant-induced hypoprothrombinemia in rats.
Experientia 28:1482-3, 15 Dec 72
ACETAMINOPHEN, pharmacodynamics/ ACETANILIDE, pharmacodynamics/ ADMINISTRATION, ORAL/ ANIMAL EXPERIMENTS/ ANTIPYRINE, pharmacodynamics/ ASPIRIN, administration & dosage/ *ASPIRIN, pharmacodynamics/ BISHYDROXYCOUMARIN, administration & dosage/ *BISHYDROXYCOUMARIN, antagonists & inhibitors/ BLOOD COAGULATION, drug effects/ FEMALE/ *HYPOPROTHROMBINEMIAS, chemically induced/ INJECTIONS, INTRAPERITONEAL/ MALE/ PHENACETIN, pharmacodynamics/ PHENINDIONE, pharmacodynamics/ PHENYLBUTAZONE, pharmacodynamics/ RATS/ SALICYLAMIDES, pharmacodynamics/ SODIUM SALICYLATE, pharmacodynamics/ SPECIES SPECIFICITY/ TIME FACTORS/ WARFARIN, pharmacodynamics

8709. **Zawilska K, Furmaniuk J:** Przydatność zmodyfikowanego testu generacji trombiny w rozpoznawaniu nadkrzepliwości chronometrycznej.
Acta Haematol Pol 3:155-60, Apr-Jun 72 (Pol)
*BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FIBRINOGEN, metabolism/ HUMAN/ MYOCARDIAL INFARCT, blood/ PULMONARY EMBOLISM, blood/ THROMBELASTOGRAPHY/ *THROMBIN/ THROMBOPHLEBITIS, blood/ TIME FACTORS

8710. **Zawilska K, Jazienicki B:** Hiperfibrynogenemia po zakończeniu terapii aktywatorowej.
Acta Haematol Pol 3:53-8, Jan-Mar 72 (Pol)
ADULT/ BISHYDROXYCOUMARIN, administration & dosage/ *BLOOD COAGULATION DISORDERS, chemically induced/ BLOOD COAGULATION DISORDERS, drug therapy/ EMBOLISM, drug therapy/ ENGLISH ABSTRACT/ ETHYLESTRENOL, therapeutic use/ *FIBRINOGEN/ FIBRINOGEN, metabolism/ HEPARIN, administration & dosage/ HUMAN/ MIDDLE AGE/ MYOCARDIAL INFARCT, drug therapy/ PHENFORMIN, therapeutic use/ STREPTOKINASE, adverse effects/ *STREPTOKINASE, adverse effects/ STREPTOKINASE, therapeutic use/ TIME FACTORS

8711. **Zawilska K, Owczarek L, Furmaniuk J, et al:** Odczyny parakoagulacyjne w doświadczalnym zespole krzepnięcia wewnątrznaczyniowego.
Przegl Lek 29:624-8, 1972 (Pol)
ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS/ *DISSEMINATED INTRAVASCULAR COAGULATION, blood/ DISSEMINATED INTRAVASCULAR COAGULATION, chemically induced/ ENGLISH ABSTRACT/ MALE/ RABBITS/ THROMBELASTOGRAPHY/ THROMBOPLASTIN

8712. **Zbinden G, Hégeké M, Grimm L:** Toxicological effects of vincristine sulfate on blood platelets.
Agents Actions 2:241-5, 1972
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD COAGULATION, drug effects/ *BLOOD PLATELETS, drug effects/ CARBON ISOTOPES/ FEMALE/ GUINEA PIGS/ HEPARIN, pharmacodynamics/ MALE/ RABBITS/ SEROTONIN, blood/ TIME FACTORS/ VINCRISTINE, administration & dosage/ *VINCRISTINE, toxicity

8713. **Zbytniewski Z, Drewa G:** Proteolytic activity of the homogenates of transplantable melanotic and amelanotic melanoma in golden hamster (Mesocricetus auratus, Waterhouse).
Pol Med J 11:397-404, 1972
ANIMAL EXPERIMENTS/ FEMALE/ HAMSTERS/ HYDROGEN-ION CONCENTRATION/ MELANIN, metabolism/ *MELANOMA, enzymology/ NEOPLASM METASTASIS/ NEOPLASM REGRESSION, SPONTANEOUS/ NEOPLASM TRANSPLANTATION/ NEOPLASMS, EXPERIMENTAL, enzymology/ NITROGEN, metabolism/ *PEPTIDE HYDROLASES, metabolism/ SPECIFIC GRAVITY/ TYROSINE, metabolism

8714. **Zechel K, Schäfer R, Zillig W:** Differenzierung von Übergangszuständen bei der Initiation der Transkription durch DNA-abhängige RNA-Polymerase aus E. coli.
Hoppe Seylers Z Physiol Chem 353:1577-8, Oct 72 (Ger)
BINDING SITES/ *DNA, VIRAL/ ESCHERICHIA COLI, enzymology/ GENETICS, BIOCHEMICAL/ GENETICS, MICROBIAL/ HEPARIN/ OSMOLAR CONCENTRATION/ RNA, BACTERIAL/ *RNA POLYMERASE/ *TRANSCRIPTION, GENETIC

8715. **Zechovsky N, Phellion C, Bergogne-Bérézin E:** Les infections humaines à Ristella pseudo-insolita. Etude clinique et bactériologique.
Ann Med Interne (Paris) 123:323-30, Apr 72 (Fre)
ADULT/ AGED/ ANTIBIOTICS, pharmacodynamics/ ANTIBIOTICS, therapeutic use/ BACTEROIDES, isolation & purification/ *BACTEROIDES INFECTIONS/ BACTEROIDES INFECTIONS, drug therapy/ CROSS INFECTION/ DRUG RESISTANCE, MICROBIAL/ ENGLISH ABSTRACT/ FEMALE/ GASTROINTESTINAL DISEASES, microbiology/ GYNECOLOGIC DISEASES, microbiology/ HEPARIN, therapeutic use/ HUMAN/ LUNG DISEASES, microbiology/ MALE/ MICROBIAL SENSITIVITY TESTS/ MIDDLE AGE/ PLEURAL DISEASES, microbiology/ SEPTICEMIA

8716. **Zeeberg B, Caplow M:** Transition state charge distribution in reactions of an acetyltyrosylchymotrypsin intermediate.
J Biol Chem 248:5887-91, 25 Aug 73

ACETIC ACIDS/ *AMINES/ AMMONIA/ ANILINE COMPOUNDS/ BINDING SITES/ CATALYSIS/ CHEMISTRY/ CHLORINE/ *CHYMOTRYPSIN/ DEUTERIUM/ ETHYLAMINES/ FLUORINE/ FORMIC ACIDS/ HYDRAZINES/ HYDROGEN-ION CONCENTRATION/ HYDROXYLAMINES/ KINETICS/ METHYL ETHER/ SEMICARBAZONES/ STRUCTURE-ACTIVITY RELATIONSHIP/ TYROSINE

8717. **Zeeberg B, Caswell M, Caplow M:** Concerning a reported change in rate-determining step in chymotrypsin catalysis.
J Am Chem Soc 95:2734-5, 18 Apr 73
CATALYSIS/ *CHYMOTRYPSIN/ HYDRAZINES/ HYDROGEN-ION CONCENTRATION/ HYDROLYSIS/ KINETICS/ PHENYLALANINE

8718. **Zellhofer R, Witzel L:** Lungenembolie.
Fortschr Med 90:700-2 passim, 15 Jun 72 (Ger)
ANGIOGRAPHY/ ELECTROCARDIOGRAPHY/ HEART FAILURE, CONGESTIVE, complications/ HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, complications/ NEOPLASMS, complications/ OBESITY, complications/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, drug therapy/ *PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, radiography/ RADIOISOTOPE SCANNING/ STREPTOKINASE, therapeutic use

8719. **Zeitler E, Reichold J, Schoop W, et al:** Einfluss von Acetylsalicylsäure auf das Frühergebnis nach perkutaner Rekanalisation arterieller Obliterationen nach Dotter.
Dtsch Med Wochenschr 98:1285-8, 29 Jun 73 (Ger)
*ARTERIAL OCCLUSIVE DISEASES, surgery/ *ASPIRIN, therapeutic use/ *ENDARTERECTOMY/ ENGLISH ABSTRACT/ EVALUATION STUDIES/ FEMORAL ARTERY, surgery/ FOLLOW-UP STUDIES/ HEPARIN, therapeutic use/ HUMAN/ ILIAC ARTERY, surgery/ METHODS/ POPLITEAL ARTERY, surgery/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PREOPERATIVE CARE/ THROMBOEMBOLISM, prevention & control

8720. **Zekert F, Gottlob R:** Eine einfache experimentelle Methods zue quantitativen Bestimmung der anti-thrombogenen Wirkung von Thrombozyten=Aggregationschmmern.
Dtsch Med Wochenschr 98:1004-5, 11 May 73 (Ger)
ANIMAL EXPERIMENTS/ ASPIRIN, pharmacodynamics/ CHROMIUM ISOTOPES/ *HEPARIN, pharmacodynamics/ JUGULAR VEIN/ METHODS/ *PLATELET ADHESIVENESS, drug effects/ RABBITS/ RADIOMETRY/ THROMBOPHLEBITIS, prevention & control

8721. **Zeldin MH, Skea W, Matteson D:** Organelle formation in the presence of a protease inhibitor.
Biochem Biophys Res Commun 52:544-9, 15 May 73
AMINO ACIDS, pharmacodynamics/ AMMONIUM COMPOUNDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ BENZYL COMPOUNDS, pharmacodynamics/ *CHLOROPHYLL, biosynthesis/ *CHLOROPLASTS, drug effects/ DARKNESS/ EUGLENA GRACILIS, cytology/ EUGLENA GRACILIS, drug effects/ EUGLENA GRACILIS, enzymology/ *EUGLENA GRACILIS, growth & development/ EUGLENA GRACILIS, radiation effects/ FLUORINE, pharmacodynamics/ KINETICS/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PHOSPHATES, pharmacodynamics/ RADIATION EFFECTS/ *SULFONIC ACIDS, pharmacodynamics

8722. **Zelenetskii RG:** Opyt preduprezhdeniia posleoperatsionnoi spaechnoi bolezni (predvaritel'noe soobshchenie.
Klin Khir 3:9-12, Mar 73 (Rus)
*ADHESIONS, prevention & control/ ADULT/ AGED/ ANIMAL EXPERIMENTS/ DOGS/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PERITONEAL DISEASES, prevention & control/ PNEUMOPERITONEUM, ARTIFICIAL/ POSTOPERATIVE COMPLICATIONS, prevention & control

8723. **Zeme D, Targetti M, Sassu G:** Azione antalgica dell'eparinoterapia sottocutanea nelle stenocardie.
Clin Ter 62:225-38, 15 Aug 72 (Ita)
AGED/ *ANGINA PECTORIS, drug therapy/ CORONARY DISEASE, drug therapy/ FEMALE/ *HEPARIN, administration & dosage/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, drug therapy

8724. **Zenner O, Goerz G:** Verbrauchskoagulopathie: Eine klinische, diagnostische, therapeutische und pathogenetische Betrachtung.
Hautarzt 24:139-45, Apr 73 (Ger)
ADULT/ AMPICILLIN, therapeutic use/ ANEMIA, etiology/ BLOOD COAGULATION TESTS/ COLISTIN, therapeutic use/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ *DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ DISSEMINATED INTRAVASCULAR COAGULATION, therapy/ ENGLISH ABSTRACT/ FEMALE/ FOCAL INFECTION, DENTAL, complications/ HEMOGLOBINURIA, PAROXYSMAL, complications/ HEPARIN, administration & dosage/ HUMAN/ INJECTIONS, INTRAVENOUS/ SKIN MANIFESTATIONS/ TOOTH EXTRACTION

8725. **Zerbino DD:** Patologicheskaia anatomiia i patogenez khronicheskoĭ limfedemy (slonovosti.
Arkh Patol 34:17-29, 1972 (Rus)
ADOLESCENCE/ ADULT/ ARM/ ATROPHY/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HEMANGIOMA, complications/ HEMANGIOMA, congenital/ HUMAN/ HYPERPLASIA/ HYPERTROPHY/ INFANT/ LEG/ *LYMPHATIC SYSTEM, pathology/ LYMPHEDEMA, classification/ LYMPHEDEMA, complications/ LYMPHEDEMA, congenital/ LYMPHEDEMA, etiology/ *LYMPHEDEMA, pathology/ MALE/ MIDDLE AGE/ SCLEROSIS

8726. **Zerial A, Wilkins DJ:** Electrophoretic behaviour of some human blood cells.
Experientia 28:1435-6, 15 Dec 72
*BLOOD CELLS/ BLOOD PLATELETS/ CELL MOVEMENT/ ELECTROPHORESIS/ ERYTHROCYTES/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LEUKOCYTES/ LYMPHOCYTES

8727. **Zervas NT, Kuwayama A, Rosoff CB, et al:** Cerebral arterial spasm. Modification by inhibition of platelet function. Arch Neurol 28:400-4, Jun 73
ANGIOTENSIN, blood/ ANIMAL EXPERIMENTS/ BASILAR ARTERY/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ BRADYKININ, blood/ BRAIN, pathology/ CATECHOLAMINES, blood/ CATS/ CEREBRAL ANGIOGRAPHY/ CEREBRAL ISCHEMIA, TRANSIENT, blood/ *CEREBRAL ISCHEMIA, TRANSIENT, etiology/ CEREBRAL ISCHEMIA, TRANSIENT, pathology/ CISTERNA MAGNA/ DOGS/ HISTAMINE, blood/ RABBITS/ RATS/ RENIN, blood/ RESERPINE, administration & dosage/ RESERPINE, pharmacodynamics/ SEROTONIN, blood/ SUBARACHNOID HEMORRHAGE, blood/ SUBARACHNOID HEMORRHAGE, complications/ SUBARACHNOID HEMORRHAGE, pathology

8728. **Zeth K:** Neue therapeutische Möglichkeiten bei der Behandlung von Schwellungszuständen.
Z Haut Geschlechtskr 47:939-50, 1 Dec 72 (Ger)
ADOLESCENCE/ ADULT/ AESCULUS/ AGED/ ANTICOAGULANTS, therapeutic use/ CAMPHOR, therapeutic use/ *EDEMA, drug therapy/ FEMALE/ FIBRINOLYSIS/ *FOOT

DISEASES, drug therapy/ HUMAN/ HYALURONIC ACID, antagonists & inhibitors/ MALE/ MIDDLE AGE/ POLYSACCHARIDES, therapeutic use/ SAPONINS, therapeutic use

8729. **Zeus J:** Vorbereitung und Nachsorge bei endoskopischen Untersuchungen.
Fortschr Med 91:809-11, 5 Jul 73 (Ger)
AFTER CARE/ BIOPSY/ BLOOD COAGULATION TESTS/ BLOOD GROUPS/ CHOLANGIOGRAPHY/ *ENDOSCOPY/ GASTROINTESTINAL DISEASES, blood/ GASTROINTESTINAL DISEASES, diagnosis/ GASTROINTESTINAL DISEASES, pathology/ GASTROINTESTINAL DISEASES, radiography/ GASTROINTESTINAL DISEASES, therapy/ GASTROSCOPY/ HUMAN/ PREMEDICATION

8730. **Zhankina GKh:** Izmeneniia svoistv fibrinogena pri krovopotere.
Vestn Khir 108:80-3, Sep 72 (Rus)
ADULT/ *BLOOD COAGULATION/ BLOOD DONORS/ ENGLISH ABSTRACT/ *FACTOR XIII, metabolism/ *FIBRINOGEN/ FIBRINOGEN, metabolism/ *FIBRINOLYSIS/ HEAT/ *HEMORRHAGE, blood/ HUMAN/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ TIME FACTORS

8731. **Zhardetskii AS, Komardina GA, Tatarskii ML, et al:** O narusheniiakh v posleface svertyvanii krovi (retaraktsii sgustka) u bol'nykh zlokachestvennymi opukholiami. Vopr Onkol 19:77, 1973 (Rus)
*BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION TESTS/ HUMAN/ *NEOPLASM METASTASIS, blood/ *NEOPLASMS, blood

8732. **Zhenchevskii RA:** Povyshennaia naklonnost' k vozniknoveniiu posleoperatsionnykh spaek v briushnoi polosti. Klin Khir 3:57-9, Mar 73 (Rus)
*ADHESIONS, etiology/ DIATHESIS/ HUMAN/ *PERITONEAL DISEASES, etiology/ POSTOPERATIVE COMPLICATIONS

8733. **Zhenchevskiĭ RA:** Primenenie proteoliticheskikh fermentoc dlia preduprezhdeniia posleoperatsionnykh spaek briushnoĭ polosti.
Vestn Khir 108:48-53, Oct 72 (Rus)
*ADHESIONS, prevention & control/ ANIMAL EXPERIMENTS/ CATALYSIS/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FIBRIN/ FIBRINOLYSIN/ *FIBRINOLYSIN, administration & dosage/ FIBRINOLYSIN, therapeutic use/ FIBRINOLYTIC AGENTS/ *FIBRINOLYTIC AGENTS, administration & dosage/ FIBRINOLYTIC AGENTS, therapeutic use/ HYDROCORTISONE/ HYDROCORTISONE, administration & dosage/ HYDROCORTISONE, therapeutic use/ *PEPTIDE HYDROLASES, therapeutic use/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ RABBITS/ TIME FACTORS/ TRYPSIN/ *TRYPSIN, administration & dosage/ TRYPSIN, therapeutic use

8734. **Zherzhov AI:** Nekotorye pokazateli svertvaiushcheĭ i protivosvertvaiushcheĭ sistemy krovi pri ugrozhaiushchem i nachevshemsia aborte.
Vopr Okhr Materin Det 17:85-6, Aug 72 (Rus)
*ABORTION, blood/ ABORTION, THREATENED, blood/ *BLOOD COAGULATION/ FEMALE/ HUMAN/ PREGNANCY

8735. **Zhukov NA, Potashov DA:** Sostoianie svertyvaiushcheĭ sistemy krovi i funktsiĭ pecheni u bol'nykh s khronicheskoĭ koronarnoĭ nedostatochnost'iu dlitel'no i nepreryvno prinimaiushchikh antikoagulianty nepriamogo deĭstviia.
Sov Med 35:152-4, Aug 72 (Rus)
ADULT/ AGED/ *ANTICOAGULANTS, pharmacodynamics/ ANTICOAGULANTS, therapeutic use/ *BLOOD COAGULATION, drug effects/ CHRONIC DISEASE/ *CORONARY DISEASE, drug therapy/ FEMALE/ HUMAN/ *LIVER, drug effects/ MALE/ MIDDLE AGE/ TIME FACTORS

8736. **Zhukovskaia ES, Itin AB:** Gemokoaguliatsiia bol'nykh rakom podzheludochnoĭ zhelezy i izmenenie ee v rezul'tate predoperatsionnoĭ podgotovki.
Klin Med (Mosk) 50:66-9, Nov 72 (Rus)
*BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ HUMAN/ JAUNDICE, OBSTRUCTIVE, blood/ *PANCREATIC NEOPLASMS, blood/ *PREOPERATIVE CARE

8737. **Zhukovskaia ES, Khvatova NV:** Sistema svertyvaniia krovi bol'nykh s razlichnymi formami ostrogo leĭkoza.
Probl Gematol Pereliv Krovi 18:41-7, Jan 73 (Rus)
ADULT/ *BLOOD COAGULATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LEUKEMIA, LYMPHOBLASTIC, blood/ *LEUKEMIA, MYELOBLASTIC, blood/ MIDDLE AGE/ THROMBELASTOGRAPHY

8738. **Zhuravlev VA, Korepanov VI, Vasil'ev PN:** Rezul'taty khirurgicheskogo lecheniia zlokachestvannykh opukholeĭ pecheni.
Vopr Onkol 18:36-42, 1972 (Rus)
ADULT/ CHILD/ CHOLANGIOMA, surgery/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HEMANGIOENDOTHELIOMA, surgery/ HEPATECTOMY/ HEPATOMA, surgery/ HUMAN/ LIVER NEOPLASMS, mortality/ *LIVER NEOPLASMS, surgery/ MALE/ NEOPLASM METASTASIS/ NEOPLASM RECURRENCE, LOCAL, mortality

8739. **Zhuravlev VA, Ushchekov VL, Vasil'ev PN, et al:** Skennirovanie pecheni posle radikal'nykh rezektsiĭ.
Med Radiol (Mosk) 16:7-9, Nov 71 (Rus)
ADULT/ AGED/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ GOLD COLLOID, RADIOACTIVE/ *HEMANGIOMA, diagnosis/ HEMANGIOMA, surgery/ *HEPATECTOMY/ HUMAN/ *LIVER DISEASES, diagnosis/ LIVER DISEASES, surgery/ *LIVER NEOPLASMS, diagnosis/ LIVER NEOPLASMS, surgery/ *LIVER REGENERATION/ MALE/ MIDDLE AGE/ *NEOPLASM RECURRENCE, LOCAL, diagnosis/ *RADIOISOTOPE SCANNING/ RECURRENCE

8740. **Zhurenko AN:** O svertyvani krovi u bol'nykh gipertonicheskoĭ bolezn'iu i ateroskleroze s narusheniem mozgovogo krovoobrashcheniia.
Vrach Delo 11:34-7, Nov 72 (Rus)
ARTERIOSCLEROSIS, blood/ *ARTERIOSCLEROSIS, complications/ *BLOOD COAGULATION/ CEREBROVASCULAR DISORDERS, blood/ *CEREBROVASCULAR DISORDERS, complications/ ENGLISH ABSTRACT/ HUMAN/ HYPERTENSION, blood/ *HYPERTENSION, complications

8741. **Ziegenhorn J, Niedermeier R, Nüssler C, et al:** Charakterisierung der Acetyltransferase in der Fettsäuresynthetase aus Hefe.
Eur J Biochem 30:285-300, Oct 72 (Ger)
ACETYLTRANSFERASES, analysis/ ACETYLTRANSFERASES, antagonists & inhibitors/ *ACETYLTRANSFERASES, metabolism/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BINDING SITES/ CARBOXYPEPTIDASES/ CARRIER PROTEINS/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ COENZYME A/ ELECTROPHORESIS, PAPER/ ENGLISH ABSTRACT/ ETHYLMALEIMIDE/ *FATTY ACID SYNTHETASE COMPLEX, metabolism/ FATTY ACIDS, biosynthesis/ GEL FILTRATION/ IODOACETATES/ PEPSIN/ PEPTIDES/ *SACCHAROMYCES CEREVISIAE, enzymology/ TRYPSIN

8742. **Ziegler FD, Kelly JH:** The critical evaluation of thromboplastin.
Ann Clin Lab Sci 2:16-25, Jan-Feb 72 (69 ref.)
ANTICOAGULANTS/ CALCIUM/ CATTLE/ CHROMATOGRAPHY, THIN LAYER/ DOGS/ EVALUATION STUDIES/ HEAT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INDICATORS AND REAGENTS/ ORGAN SPECIFICITY/ OSMOLAR CONCENTRATION/ PHOSPHOLIPIDS/ PROTEIN DENATURATION/

*PROTHROMBIN TIME, standards/ QUALITY CONTROL/ RABBITS/ REVIEW/ SPECIES SPECIFICITY/ *THROMBOPLASTIN, standards/ TISSUE EXTRACTS/ VIBRATION

8743. **Ziemski JM, Lopaciuk S, Rudowski W:** Dwa przypadki operacyjnego leczenia pęknięcia śledziony u chorych z hemofilią.
Acta Hepatogastroenterol (Stuttg) 2:87-90, Jan-Mar 71 (Pol)
ADULT/ BLOOD TRANSFUSION/ CHILD/ ENGLISH ABSTRACT/ FACTOR VIII, administration & dosage/ *HEMOPHILIA, complications/ HUMAN/ MALE/ POSTOPERATIVE COMPLICATIONS/ *SPLENIC RUPTURE, surgery

8744. **Ziemski JM, Zywiecka-Lopaciuk H, Pawlikowski J:** Krwawienia z przwwodu pokarmowego u chorych na hemofilię.
Pol Tyg Lek 27:981-4, 26 Jun 72 (Pol)
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ *HEMOPHILIA, complications/ *HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ MIDDLE AGE/ PEPTIC ULCER, complications

8745. **Zieve FJ:** A rapid and sensitive lipase assay using triethylaminoethyl cellulose columns.
Anal Biochem 51:436-42, Feb 73
CARBON ISOTOPES/ CHROMATOGRAPHY, ION EXCHANGE/ GLYCERIDES, isolation & purification/ HUMAN/ KINETICS/ *LIPOPROTEIN LIPASE, analysis/ LIPOPROTEIN LIPASE, blood/ METHODS/ OLEIC ACID, isolation & purification/ TRIOLEIN, isolation & purification/ TRITIUM

8746. **Zikan J, Mestecky J, Schrohenloher RE, et al:** Studies on human secretory immunoglobulin A. V. Trypsin hydrolysis at elevated temperatures.
Immunochemistry 9:1185-93, Dec 72
ANTIGENIC DETERMINANTS/ CARBOHYDRATES, analysis/ COLOSTRUM, immunology/ DISULFIDES, analysis/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ *HEAT/ HUMAN/ HYDROLYSIS/ *IGA, analysis/ IMMUNOELECTROPHORESIS/ IMMUNOGLOBULINS, FAB, analysis/ IMMUNOGLOBULINS, FC, analysis/ MOLECULAR WEIGHT/ PEPTIDES, analysis/ TIME FACTORS/ *TRYPSIN/ ULTRACENTRIFUGATION

8747. **Zimelman AP:** Thrombocytosis in multiple myeloma.
Ann Intern Med 78:970-1, Jun 73
BONE MARROW, pathology/ HUMAN/ MALE/ MIDDLE AGE/ *MULTIPLE MYELOMA, complications/ MULTIPLE MYELOMA, pathology/ *THROMBOCYTOSIS, complications/ THROMBOCYTOSIS, pathology

8748. **Zimmerman EG, Sihvonen DA:** Chromosomal banding pattern and idiogram of the cotton rat, Sigmodon arizonae (Rodentia, Muridae).
Chromosoma 41:85-91, 1973
ANIMAL EXPERIMENTS/ *CHROMOSOMES/ CYTOGENETICS/ DIPLOIDY/ FEMALE/ GENETIC TECHNICS/ HAPLOIDY/ KARYOTYPING/ MALE/ MITOSIS/ RODENTS/ SEX CHROMOSOMES/ TRYPSIN

8749. **Zimmerman HM:** The ten most common types of brain tumor. Semin Roentgenol 6:48-58, Jan 71
ANGIOSARCOMA, occurrence/ ASTROCYTOMA, occurrence/ BRAIN, pathology/ BRAIN ABSCESS, occurrence/ BRAIN DISEASES, occurrence/ *BRAIN NEOPLASMS, occurrence/ BRAIN NEOPLASMS, pathology/ EPENDYMOMA, occurrence/ GLIOBLASTOMA MULTIFORME, occurrence/ GLIOMA, occurrence/ GLIOMA, pathology/ GRANULOMA, occurrence/ HEMANGIOMA, occurrence/ HUMAN/ MEDULLOBLASTOMA, occurrence/ MENINGIOMA, occurrence/ NEOPLASM METASTASIS/ OLIGODENDROGLIOMA, occurrence/ PITUITARY NEOPLASMS, occurrence/ SARCOMA, occurrence

8750. **Zimmerman LE:** Problems in the diagnosis of malignant melanomas of the choroid and ciliary body. The 1972 Arthur J. Bedell Lecture.
Am J Ophthalmol 75:917-29, Jun 73 (47 ref.)
ADENOMA, diagnosis/ ADENOMA, pathology/ CHOROID NEOPLASMS, complications/ *CHOROID NEOPLASMS, diagnosis/ CHOROID NEOPLASMS, pathology/ *CILIARY BODY/ DIAGNOSIS, DIFFERENTIAL/ DIAGNOSTIC ERRORS/ EYE NEOPLASMS, complications/ *EYE NEOPLASMS, diagnosis/ EYE NEOPLASMS, pathology/ FLUORESCENCE ANGIOGRAPHY/ HEMATOMA, diagnosis/ HEMATOMA, pathology/ HUMAN/ MELANOMA, complications/ *MELANOMA, diagnosis/ MELANOMA, pathology/ REVIEW/ TIME FACTORS

8751. **Zimmerman SB, Coleman NF:** An ordered precipitate of polyadenylic acid formed by freezing at acidic pH: comparison of X-ray diffraction and other properties of the precipitate with those of fibers or direct acid-precipitates. Biopolymers 11:1943-60, 1972
*ADENOSINE MONOPHOSPHATE/ COMPARATIVE STUDY/ FIBRIN, analysis/ FREEZING/ HYDROGEN-ION CONCENTRATION/ *POLYNUCLEOTIDES/ PRECIPITATION/ SOLUBILITY/ X-RAY DIFFRACTION

8752. **Zimmerman TS, Müller-Eberhard HJ:** Complement-induced platelet protein alterations.
Science 180:1183-5, 15 Jun 73
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, analysis/ *BLOOD PLATELETS, drug effects/ *BLOOD PROTEINS, analysis/ *COMPLEMENT, pharmacodynamics/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ HUMAN/ MOLECULAR WEIGHT/ PEPTIDES, analysis/ RABBITS/ THROMBIN, pharmacodynamics

8753. **Zimmermann HG:** Diagnostische und therapeutische Leitlinien bei grossen blutungen im proximalen Intestinaltrakt. Chirurg 43:564-8, Dec 72 (Ger)
BLOOD TRANSFUSION/ CHLORAMPHENICOL, therapeutic use/ DIET THERAPY/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ESOPHAGEAL VARICES, complications/ GASTRITIS, complications/ *HEMORRHAGE, GASTROINTESTINAL, diagnosis/ HEMORRHAGE, GASTROINTESTINAL, drug therapy/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HEMORRHAGE, GASTROINTESTINAL, surgery/ HEMORRHAGE, GASTROINTESTINAL, therapy/ HEMOSTATICS, therapeutic use/ HUMAN/ PEPTIC ULCER HEMORRHAGE, diagnosis/ SHOCK, HEMORRHAGIC, etiology/ TIME FACTORS

8754. **Zimmermann WE, Walter F, Vogel W, et al:** Funktionell-klinische Untersuchungen der Lunge im Schock.
Langenbecks Arch Chir 329:671-82, Dec 71 (Ger)
ANOXEMIA, etiology/ ANOXIA, etiology/ BLOOD COAGULATION FACTORS, analysis/ BLOOD PLATELETS, secretion/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ ENGLISH ABSTRACT/ FATTY ACIDS, NONESTERIFIED, blood/ GLYCERIN, blood/ HUMAN/ HYPERTENSION, PULMONARY, etiology/ LACTATES, blood/ *LUNG/ LUNG, blood supply/ *LUNG, physiopathology/ RESPIRATORY DEAD SPACE/ SHOCK, blood/ SHOCK, complications/ SHOCK, metabolism/ *SHOCK, physiopathology/ SHOCK, ENDOTOXIC, physiopathology/ SHOCK, HEMORRHAGIC, physiopathology/ SHOCK, TRAUMATIC, physiopathology

8755. **Zimovskii VL:** Nabliudenie sindroma gemobilii.
Klin Khir 5:54-5, May 73 (Rus)
AUTOPSY/ *BILIARY TRACT DISEASES, diagnosis/ CASE REPORT/ HEMATOMA,

diagnosis/ *HEMORRHAGE, diagnosis/ HUMAN/ LIVER DISEASES, diagnosis/ MALE/ MIDDLE AGE/ SYNDROME

8756. **Zittoun R, Renoux M, Bousser J, et al:** Rechutes aiguës de purpura thrombopéniques idiopathiques à l'occasion d'épisodes infectieux.
Ann Med Interne (Paris) 123:399-402, Apr 72 (Fre)
ADOLESCENCE/ ANGINA PECTORIS, complications/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CHICKENPOX, complications/ CHILD/ CHILD, PRESCHOOL/ EPISTAXIS, etiology/ FEMALE/ HEMORRHAGE, ORAL, etiology/ HUMAN/ *INFECTION, complications/ MALE/ *PURPURA, THROMBOPENIC/ PURPURA, THROMBOPENIC, diagnosis/ RECURRENCE/ RUBELLA, complications/ SERODIAGNOSIS/ TOXOPLASMOSIS, complications/ TUBERCULOSIS, complications

8757. **Zlotkin E, Miranda F, Lissitzky S:** A factor toxic to crustacean in the venom of the scorpion Androctonus australis Hector. Toxicon 10:211-6, May 72
ANIMAL EXPERIMENTS/ ARACHNIDA/ BEETLES/ CHROMATOGRAPHY/ COCKROACHES/ *CRUSTACEA/ DIPTERA/ DRUG INTERACTIONS/ GEL FILTRATION/ LARVA/ MICE/ MOTOR ACTIVITY, drug effects/ PARALYSIS, chemically induced/ *SCORPIONS/ TRYPSIN, pharmacodynamics

8758. **Zlydnikov DM, Evdokimov NM:** Svetyvaemost' krovi pri kronicheskikh pnevmoniiakh.
Ter Arkh 44:42-5, Aug 72 (Rus)
ADULT/ *BLOOD COAGULATION/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HUMAN/ MIDDLE AGE/ *PNEUMONIA, blood/ TIME FACTORS

8759. **Zobell CE, Kim J:** Effects of deep-sea pressures on microbial enzyme systems.
Symp Soc Exp Biol 26:125-46, 1972 (98 ref.)
AMYLASE/ BACTERIA, enzymology/ CELL DIVISION/ CHITINASE/ *ENZYMES/ FUNGI, enzymology/ GELATIN/ HYDROLASES/ HYDROSTATIC PRESSURE/ HYPERBARIC OXYGENATION/ LUCIFERASE/ LYSOSOMES/ *MARINE BIOLOGY/ PEPTIDE HYDROLASES/ PHOSPHATASES/ *PRESSURE/ REVIEW/ SUCRASE/ UREASE

8760. **Zohman BL:** Emotional factors in coronary disease.
Geriatrics 28:110-9, Feb 73
BLOOD COAGULATION/ BLOOD VISCOSITY/ CATECHOLAMINES, physiology/ *CORONARY DISEASE/ *EMOTIONS/ HUMAN/ OCCUPATIONS/ PERSONALITY/ REVIEW/ SMOKING/ STRESS/ STRESS, PSYCHOLOGICAL

8761. **Zohrab WJ, McHattie JD, Jeejeebhoy KN:** Total parenteral alimentation, with lipid.
Gastroenterology 64:583-92, Apr 73
BLOOD SUGAR, analysis/ BLOOD UREA NITROGEN/ BODY WEIGHT/ CASEIN, administration & dosage/ CATHETERIZATION, adverse effects/ CHOLESTEROL, blood/ DIETARY CARBOHYDRATES, administration & dosage/ EMULSIONS/ ESOPHAGITIS, therapy/ FIBRIN, administration & dosage/ GASTROINTESTINAL DISEASES, therapy/ HEMOGLOBIN, analysis/ HUMAN/ INSULIN, blood/ *LIPIDS, administration & dosage/ LIPIDS, blood/ LIVER, pathology/ LIVER FUNCTION TESTS/ NUTRITIONAL REQUIREMENTS/ *PARENTERAL FEEDING/ PARENTERAL FEEDING, adverse effects/ PROTEIN HYDROLYSATES, administration & dosage/ SEPTICEMIA, etiology/ STAPHYLOCOCCAL INFECTIONS, etiology/ TRIGLYCERIDES, blood

8762. **Zola-Sięczek E, Dubiel JP, Niewiadomski S:** Układ krzepnięcia krwi i fibrynolizy w nadciśnieniu płucnym.
Pol Tyg Lek 28:1026-9, 2 Jul 73 (Pol)
ADOLESCENCE/ ADULT/ *BLOOD COAGULATION/ BLOOD PRESSURE/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIS/ HUMAN/ *HYPERTENSION, PULMONARY, blood/ HYPERTENSION, PULMONARY, physiopathology/ MALE/ MIDDLE AGE/ PULMONARY ARTERY/ THROMBELASTOGRAPHY

8763. **Zola-Sieczek E, Skawiński S, Natorska-Targosz H:** Leczenie streptokinazą kilkudniowej niedrożności tętnicy podkolanowej.
Pol Tyg Lek 28:23-4, 1 Jan 73 (Pol)
ADULT/ *ARTERIAL OCCLUSIVE DISEASES, drug therapy/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN/ MALE/ *POPLITEAL ARTERY/ *STREPTOKINASE, therapeutic use/ TIME FACTORS

8764. **Zöller H:** Blutgerinnungsstörung bei einer chronischen Eosinophilenleukämie.
Munch Med Wochenschr 115:1036-8, 1 Jun 73 (Ger)
ADULT/ BLOOD COAGULATION DISORDERS, blood/ *BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION FACTORS, analysis/ BLOOD COAGULATION TESTS/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ *EOSINOPHILS/ FIBRINOGEN, analysis/ FIBRINOLYSIS/ HEMORRHAGIC DIATHESIS, complications/ HUMAN/ LEUKEMIA, blood/ *LEUKEMIA, complications/ MALE/ THROMBOPENIA, complications

8765. **Zöller H:** Vergleichende thrombelastographische Untersuchung von zitriertem Sternalmarkblut und Venenblut. Blut 26:321-5, May 73 (Ger)
ADULT/ BLOOD COAGULATION/ *BONE MARROW/ CITRATES/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FIBRINOLYSIS/ HUMAN/ MIDDLE AGE/ STERNUM/ *THROMBELASTOGRAPHY/ VEINS

8766. **Zöller H, Gross W:** Zeitgemässe Diagnostik thrombozytärer Funktionsstörungen.
Munch Med Wochenschr 114:1922-6, 3 Nov 72 (Ger)
*BLOOD PLATELET DISORDERS, diagnosis/ BLOOD PLATELETS, enzymology/ BLOOD PLATELETS, physiology/ CLOT RETRACTION/ ENGLISH ABSTRACT/ HALF-LIFE/ HUMAN/ METHODS/ PHOSPHOLIPIDS, biosynthesis/ PHOTOMETRY/ PLATELET ADHESIVENESS/ RADIOISOTOPES/ THROMBELASTOGRAPHY

8767. **Zöllner N, Kaiser W:** Uber Verteilungsraum und Halbwertszeit von intravenös injiziertem Heparin.
Res Exp Med (Berl) 158:89-94, 1972 (Ger)
CLINICAL RESEARCH/ ENGLISH ABSTRACT/ HALF-LIFE/ HEPARIN, administration & dosage/ HEPARIN, blood/ *HEPARIN, metabolism/ HUMAN/ INJECTIONS, INTRAVENOUS/ *TIME

8768. **Zolotukhin NA:** Ingibitory proteinaz i stafilokokkovaia infektsiia.
Khirurgiia (Mosk) 48:79-80, Sep 72 (Rus)
ADULT/ ANIMAL EXPERIMENTS/ *ANTIBIOTICS, administration & dosage/ ANTIBIOTICS, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *PEPTIDE HYDROLASES, antagonists & inhibitors/ RABBITS/ *SEPTICEMIA, drug therapy/ *STAPHYLOCOCCAL INFECTIONS, drug therapy

8769. **Zoppi G, Andreotti G, Pajno-Ferrara F, et al:** Exocrine pancreas function in premature and full term neonates. Pediatr Res 6:880-6, Dec 72
AGE FACTORS/ AMYLASE, metabolism/ DIETARY FATS, pharmacodynamics/ DIETARY PROTEINS, pharmacodynamics/ DUODENUM/ FEMALE/ GLUCOSE, pharmacodynamics/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN/ *INFANT NUTRITION/ *INFANT, PREMATURE/ INTESTINAL SECRETIONS, enzymology/ INTUBATION, GASTROINTESTINAL/ LIPASE, metabolism/ MALE/ MILK/ PANCREAS, enzymology/ *PANCREAS, physiology/ PANCREOZYMIN, pharmacodynamics/ SECRETIN, pharmacodynamics/ STARCH,

pharmacodynamics/ STIMULATION, CHEMICAL/ TRYPSIN, metabolism

8770. **Zoschke DC, Bach FH:** In vitro elimination of specific immunoreactive cells with 5-bromodeoxyuridine.
J Immunol Methods 1:55-65, Sep 71
*BROMODEOXYURIDINE, pharmacodynamics/ CELLS, CULTURED/ HUMAN/ LEUKOCYTE CULTURE TEST, MIXED/ *LYMPHOCYTE TRANSFORMATION, drug effects/ MITOMYCIN/ MUMPS VACCINE, pharmacodynamics/ PLANT AGGLUTININS, pharmacodynamics/ STREPTOKINASE, pharmacodynamics/ TETANUS TOXOID, pharmacodynamics/ THYMIDINE, metabolism/ TRITIUM/ TUBERCULIN, pharmacodynamics

8771. **Zosin P, Roth L:** Date acutale în diagnosticul şi tratamentul stărilor tromboembolice.
Med Interna (Bucur) 24:947-58, Aug 72 (Rum)
*ANTICOAGULANTS, therapeutic use/ ENGLISH ABSTRACT/ *FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ MYOCARDIAL INFARCT, drug therapy/ *PEPTIDE HYDROLASES, therapeutic use/ PULMONARY EMBOLISM, drug therapy/ STREPTOKINASE, therapeutic use/ THROMBOEMBOLISM, diagnosis/ *THROMBOEMBOLISM, drug therapy/ THROMBOPHLEBITIS, drug therapy/ THROMBOSIS, drug therapy/ VITAMIN K, antagonists & inhibitors

8772. **Zsernaviczky J, Horst M:** Ein Beitrag zur Diagnostik und Begutachtung der Densfraktur.
Z Orthop 111:333-5, Jun 73 (Ger)
ACCIDENTS, TRAFFIC/ ADULT/ *AXIS, injuries/ AXIS, radiography/ CERVICAL VERTEBRAE, radiography/ ENGLISH ABSTRACT/ *EXPERT TESTIMONY/ FRACTURES, complications/ *FRACTURES, radiography/ GERMANY, WEST/ HEMATOMA, etiology/ HEMATOMA, radiography/ HUMAN/ MALE/ PHARYNX, radiography/ *SPINAL INJURIES, radiography/ TOMOGRAPHY, RADIOGRAPHIC

8773. **Zsuzsa S, Károly L, Jean A:** Intramitochondrialis inclusiók enzym emésztéses vizsgálata.
Morphol Igazsagugyi Orv Sz 13:91-7, Apr 73 (Hun)
BIOPSY, NEEDLE/ *CELLULAR INCLUSIONS, enzymology/ ENGLISH ABSTRACT/ HUMAN/ *HYPERBILIRUBINEMIA, HEREDITARY, pathology/ LIVER, enzymology/ *LIVER, pathology/ MICROSCOPY, ELECTRON/ MICROTOMY/ *MITOCHONDRIA, LIVER, enzymology/ *PEPSIN, metabolism/ PRONASE, metabolism/ *TRYPSIN, metabolism

8774. **Zubairov DM, Popova LG, Akhmetshina MKh:** Vliianie lizotsima, ribonukleazy i tsitokhroma C na aktivirovanie odnogo iz faktorov svertyvaniia krovi--faktora Khageman--adrenalinom.
Ukr Biokhim Zh 45:86-90, 1973 (Rus)
ALLOSTERIC REGULATION/ ANIMAL EXPERIMENTS/ BENZOPYRANS, pharmacodynamics/ BLOOD COAGULATION TESTS/ *CYTOCHROME C, pharmacodynamics/ ENGLISH ABSTRACT/ *EPINEPHRINE, pharmacodynamics/ *FACTOR XII, antagonists & inhibitors/ KETONES, pharmacodynamics/ *MURAMIDASE, pharmacodynamics/ RABBITS/ *RIBONUCLEASE, pharmacodynamics/ SILICA, pharmacodynamics

8775. **Zubova VA, Novitskaia VM, Tsyba MM:** Deiaki pokaznyky trombotsytopoezu pry hemorahichnomu vaskuliti u ditei.
Pediatr Akush Ginekol 6:22-3, 1972 (Ukr)
ACUTE DISEASE/ ADOLESCENCE/ *BLOOD PLATELET DISORDERS, blood/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ HUMAN/ MEGAKARYOCYTES, analysis/ *PURPURA, blood

8776. **Zubova VA, Tsyba LN, Novitskaia VM:** Nekotorye pokazateli trombotsitopoeza pri bolezni Verl'gofa u detei. Lab Delo 9:569-71, 1972 (Rus)
ADOLESCENCE/ *BLOOD PLATELETS/ CHILD/ CHILD, PRESCHOOL/ *HEMATOPOIESIS/ HUMAN/ *PURPURA, THROMBOPENIC, physiopathology

8777. **Zubzhitskiĭ IuN, Nagornev VA:** Immunologicheskie aspekty ateroskleroza (obzor literatury.
Vestn Akad Med Nauk SSSR 27:88-94, 1972 (130 ref.) (Rus)
ANIMAL EXPERIMENTS/ *ANTIBODIES/ ANTIGEN-ANTIBODY COMPLEX/ ANTIGENIC DETERMINANTS/ *ANTIGENS/ AORTA, immunology/ *ARTERIOSCLEROSIS, immunology/ AUTOANTIBODIES/ CHOLESTEROL/ DIETARY FATS/ ELASTIN/ FLUORESCENT ANTIBODY TECHNIC/ FREUND'S ADJUVANT/ HAPTENS/ HEPARIN/ HUMAN/ HYALURONIC ACID/ LIPOPROTEINS, LDL/ MUCOPOLYSACCHARIDES/ RABBITS/ REVIEW/ SERUM SICKNESS, immunology

8778. **Zuch A, Januszko T, Buluk K, et al:** Aktywator plazminogenu w płynie perfundującym nerki.
Przegl Lek 30:504-9, 1973 (Pol)
ANIMAL EXPERIMENTS/ CATTLE/ ENGLISH ABSTRACT/ *FIBRINOLYSIS/ HORSES/ HUMAN/ *KIDNEY, metabolism/ PERFUSION/ *PLASMINOGEN, metabolism/ SWINE

8779. **Zuch A, Pietruska Z, Bogdanikowa B, et al:** Zaburzenia w gojeniu się ran spowodowane współstnenem niedoboru transaminazy osoczowej i grup tiolowych.
Pol Arch Med Wewn 50:399-403, Apr 73 (Pol)
ADOLESCENCE/ *AMINOTRANSFERASES, blood/ AMINOTRANSFERASES, pharmacodynamics/ DEFICIENCY DISEASES, complications/ ENGLISH ABSTRACT/ *FACTOR XIII/ FEMALE/ HUMAN/ PENICILLAMINE, pharmacodynamics/ *SULFHYDRYL COMPOUNDS, blood/ *WOUND HEALING/ WOUND HEALING, drug effects

8780. **Zuch A, Piotrowski L:** Procesy krzepnięcia i fibrynolizy we krwi miesiączkowej.
Acta Haematol Pol 2:359-65, Oct-Dec 71 (43 ref.) (Pol)
*BLOOD COAGULATION/ BLOOD COAGULATION FACTORS/ ENDOMETRIUM, physiology/ FEMALE/ FIBRINOLYSIN, metabolism/ *FIBRINOLYSIS/ HEMOSTASIS/ HUMAN/ MENORRHAGIA, physiopathology/ *MENSTRUATION/ PLASMINOGEN, metabolism/ REVIEW/ VON WILLEBRAND'S DISEASE, physiopathology

8781. **Zuch A, Rudobielska M, Zwierzowa W, et al:** Ontogenetyczna zmienność poziomu stabilizatora włóknika (FSF--XIII czynnik układu krzepnięcia) w osoczu krwi dzieci zdrowych.
Pediatr Pol 47:1197-203, Oct 72 (Pol)
ADOLESCENCE/ ADULT/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ ENZYMES, blood/ *FACTOR XIII, analysis/ HEMOSTASIS/ HUMAN/ INFANT/ INFANT, NEWBORN

8782. **Zuch A, Zwierzowa W, Rudobielska M, et al:** Porównanie aktywności desmofibrynotwórczej z poziomem FSF (XIII czynnik układu krzepnięcia) w osoczu krwi dzieci zdrowych w zależności od wieku.
Pediatr Pol 47:1205-11, Oct 72 (Pol)
ADOLESCENCE/ ADULT/ AGE FACTORS/ *BLOOD COAGULATION/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ ENZYMES, blood/ *FACTOR XIII, analysis/ HUMAN/ INFANT/ INFANT, NEWBORN/ SULFHYDRYL COMPOUNDS, blood

8783. **Zuck TF, Bergin JJ, Perkins RP:** Antithrombin 3 and oestrogen content of oral contraceptives.
Lancet 1:831, 14 Apr 73
*ANTITHROMBIN, blood/ *CONTRACEPTIVES, ORAL, analysis/ CONTRACEPTIVES, ORAL, pharmacodynamics/ DEPRESSION, CHEMICAL/ *ETHINYL ESTRADIOL, analysis/ ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ HUMAN/ *MESTRANOL, analysis/ MESTRANOL, pharmacodynamics

8784. **Zuck TF, Bergin JJ:** Thrombotic predisposition

associated with oral contraceptives.
Obstet Gynecol 41:427-35, Mar 73
ANTITHROMBIN, blood/ ARTERIAL OCCLUSIVE DISEASES, chemically induced/ BLOOD COAGULATION TESTS/ COLORADO/ *CONTRACEPTIVES, ORAL, adverse effects/ ESTROGENS, adverse effects/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ PROGESTERONE, adverse effects/ REMISSION/ THROMBIN, biosynthesis/ THROMBOPHLEBITIS, chemically induced/ *THROMBOSIS, chemically induced/ TIME FACTORS

8785. **Zucker MB:** Platelet function and atherosclerosis.
Am J Med Sci 264:485-7, Dec 72
*ARTERIOSCLEROSIS, blood/ *BLOOD PLATELETS/ CORONARY DISEASE/ HUMAN/ PLATELET ADHESIVENESS

8786. **Zucker MB:** Proteolytic inhibitors, contact and other variables in the release reaction of human platelets.
Thromb Diath Haemorrh 28:393-407, 31 Dec 72
ADENOSINE DIPHOSPHATE, blood/ ADENOSINE DIPHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATE, blood/ ADULT/ BLOOD PLATELETS, analysis/ BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, physiology/ CARBON ISOTOPES/ CENTRIFUGATION/ CITRATES, pharmacodynamics/ EPINEPHRINE, antagonists & inhibitors/ EPINEPHRINE, pharmacodynamics/ GLUCURONIDASE, blood/ HEPARIN, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ PLASMA/ PLATELET ADHESIVENESS, drug effects/ SEROTONIN, antagonists & inhibitors/ SEROTONIN, blood/ TEMPERATURE/ ZINC, blood

8787. **Zucker MB, Rifkin PL, Friedberg NM, et al:** Mechanisms of platelet function as revealed by the retention of platelets in glass bead columns.
Ann NY Acad Sci 201:138-44, 27 Oct 72
ADENOSINE DIPHOSPHATE, pharmacodynamics/ *BLOOD PLATELETS, physiology/ ERYTHROCYTES/ *GLASS/ HUMAN/ PHOSPHATASES, pharmacodynamics/ *PLATELET ADHESIVENESS/ PLATELET ADHESIVENESS, drug effects

8788. **Zuidweg MH, Bos CJ, Welzen H van:** Proteolytic components of alkaline proteases of Bacillus strains. Zymograms and electrophoretic isolation.
Biotechnol Bioeng 14:685-714, Sep 72
ALKALIES/ *BACILLUS, enzymology/ BACILLUS SUBTILIS, enzymology/ BUFFERS/ EDTA/ ELECTROPHORESIS, DISK/ HEAT/ HYDROGEN-ION CONCENTRATION/ ISOELECTRIC FOCUSING/ *ISOENZYMES, isolation & purification/ METHODS/ *PEPTIDE HYDROLASES, isolation & purification

8789. **Zukova NA, Ponomarev JT, Sirjaev VV:** Der Einfluss der Plasmakomponente des Blutsillungssystems auf die funktionellen Eigenschaften der Blutplättchen, die Resistenz der Gefässe und die Blutungsbereitschaft bei Strahlenkrankheit.
Radiobiol Radiother (Berl) 13:667-74, 1972 (Ger)
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, radiation effects/ BLOOD PLATELETS, transplantation/ BLOOD TRANSFUSION/ BLOOD VESSELS, physiopathology/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ GUINEA PIGS/ HEMORRHAGE, etiology/ MALE/ PLASMA/ PLATELET ADHESIVENESS, radiation effects/ RABBITS/ RADIATION INJURIES, EXPERIMENTAL, blood/ RADIATION INJURIES, EXPERIMENTAL, physiopathology/ RADIATION INJURIES, EXPERIMENTAL, therapy/ RATS/ TRANSPLANTATION, HOMOLOGOUS/ VASCULAR RESISTANCE, radiation effects

8790. **Zweerink HJ, Ito Y, Matsuhisa T:** Synthesis of reovirus double-stranded RNA within virionlike particles.
Virology 50:349-58, Nov 72
ADENINE, metabolism/ CARBON ISOTOPES/ CELL-FREE SYSTEM/ CENTRIFUGATION, DENSITY GRADIENT/ CESIUM/ CHLORIDES/ CHYMOTRYPSIN/ L CELLS/ MICE/ REOVIRUS, analysis/ REOVIRUS, enzymology/ REOVIRUS, growth & development/ *REOVIRUS, metabolism/ RNA POLYMERASE, metabolism/ RNA, VIRAL, analysis/ *RNA, VIRAL, biosynthesis/ SUCROSE/ URACIL NUCLEOTIDES, metabolism/ VALINE, metabolism/ VIRAL PROTEINS, analysis/ VIRUS REPLICATION

8791. **Zweifach BW:** Microcirculation.
Annu Rev Physiol 35:117-50, 1973 (207 ref.)
BASEMENT MEMBRANE/ BLOOD VISCOSITY/ CAPILLARIES, anatomy & histology/ CAPILLARY PERMEABILITY/ ENDOTHELIUM, anatomy & histology/ ERYTHROCYTES/ HUMAN/ INTERCELLULAR JUNCTIONS/ LYMPHATIC SYSTEM, anatomy & histology/ METHODS/ *MICROCIRCULATION/ MICROCIRCULATION, anatomy & histology/ MICROCIRCULATION, physiology/ MODELS, BIOLOGICAL/ MUSCLES, blood supply/ OXYGEN, blood/ PRESSURE/ REVIEW/ VASOMOTOR SYSTEM, anatomy & histology

8792. **Zwerina H:** Zur Nomenklatur der Dyschondroplasie.
Z Orthop 110:659-62, Oct 72 (Ger)
ADOLESCENCE/ ADULT/ AGED/ ANGIOMATOSIS/ BONE NEOPLASMS, radiography/ CHONDROMA, radiography/ *DYSCHONDROPLASIA/ DYSCHONDROPLASIA, classification/ DYSCHONDROPLASIA, radiography/ ENGLISH ABSTRACT/ FEMALE/ HAND/ HUMAN/ MALE/ *NOMENCLATURE/ PELVIS

8793. **Zwicker M:** Zur Chirurgie des postperitonitischen Frühileus.
Dtsch Med Wochenschr 98:751-6, 11 May 73 (Ger)
ABDOMEN, ACUTE, diagnosis/ ADHESIONS/ CHLORAMPHENICOL, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HUMAN/ ILEOSTOMY/ INTESTINAL OBSTRUCTION, diagnosis/ *INTESTINAL OBSTRUCTION, etiology/ INTESTINAL OBSTRUCTION, surgery/ *PERITONITIS, complications/ PERITONITIS, drug therapy/ POSTOPERATIVE COMPLICATIONS, surgery/ TIME FACTORS

8794. **Zwiener U:** Das Verhltnis zwischen Fibrinolyse- und Gerinnungsaktivierung im Rahmen des neurovegetativen Efferenzmusters nach psychischer Belastung.
Acta Physiol Acad Sci Hung 42:119-27, 1972 (Ger)
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ ELECTROENCEPHALOGRAPHY/ FEMALE/ *FIBRINOLYSIS/ HEART RATE/ MALE/ PHYSICAL STIMULATION/ RABBITS/ RESPIRATION/ TIME FACTORS

8795. **Zwiener U, Hindersin P:** Die Wirkung von Schmerzreizen auf die Fibrinolyse- und Gerinnungsaktivität postoperativ und bei erhöhter immunologischer Abwehrlage.
Folia Haematol (Leipz) 98:330-7, 1972 (Ger)
ANESTHESIA, GENERAL/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ BLOOD COAGULATION TESTS/ ELECTRIC STIMULATION/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIS/ FIBRINOLYSIS, drug effects/ GLOBULINS/ HEXOBARBITAL, pharmacodynamics/ HYPERSENSITIVITY, blood/ MALE/ *PAIN, blood/ RABBITS/ SURGERY, OPERATIVE

8796. **Zwiener U, Hindersin P:** Zur Dynamik von Veränderungen in der fibrinolytischen Plasmaaktivität nach Schmerzreizung.
Folia Haematol (Leipz) 98:322-9, 1972 (Ger)
ANIMAL EXPERIMENTS/ BLOOD COAGULATION TESTS/ ELECTRIC STIMULATION/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOLYSIS/ MALE/ *PAIN, blood/ RABBITS/ SERUM GLOBULINS

8797. **Zwilling R, Medugorac I, Mella K:** The evolution of endopeptidases. XIV. Non-tryptic cleavage specificity of a BAEE-hydrolyzing enzyme (-protease) from tenebrio molitor.
Comp Biochem Physiol [B] 43:419-24, 15 Oct 72
ANIMAL EXPERIMENTS/ ARGININE/ BENZOATES/ ELECTROPHORESIS/ INSULIN/ LYSINE/ MOLECULAR WEIGHT/ OLIGOPEPTIDES/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, antagonists & inhibitors/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ PEPTIDES/ STRUCTURE-ACTIVITY RELATIONSHIP/ *TENEBRIO, enzymology/ TRYPSIN INHIBITORS

8798. **Zygmunt WA, Tavormina PA:** Lysostaphin: model for a specific enzymatic approach to infectious disease.
Prog Drug Res 16:309-33, 1972 (88 ref.)
ANIMAL EXPERIMENTS/ BACTERIOLYSIS, drug effects/ COAGULASE/ DOGS/ DRUG RESISTANCE, MICROBIAL/ ENDOCARDITIS, BACTERIAL, drug therapy/ HUMAN/ LETHAL DOSE 50/ *LYSOSTAPHIN/ LYSOSTAPHIN, biosynthesis/ LYSOSTAPHIN, pharmacodynamics/ LYSOSTAPHIN, therapeutic use/ LYSOSTAPHIN, toxicity/ MICE/ MICROBIAL SENSITIVITY TESTS/ NOSE DISEASES, drug therapy/ NOSE DISEASES, immunology/ OXACILLIN, pharmacodynamics/ PENICILLIN G, pharmacodynamics/ RABBITS/ RATS/ REVIEW/ STAPHYLOCOCCAL INFECTIONS, drug therapy/ STAPHYLOCOCCAL INFECTIONS, immunology/ STAPHYLOCOCCAL PHAGES, drug effects/ STAPHYLOCOCCUS, drug effects/ STAPHYLOCOCCUS, enzymology/ STAPHYLOCOCCUS, metabolism

8799. **Zywicka-Lopaciuk H, Lopaciuk S:** Skaza krwotoczna na tle nieznacznego niedoboru czynnika XI.
Acta Haematol Pol 3:257-63, Jul-Sep 72 (Pol)
ADULT/ BLOOD COAGULATION DISORDERS, complications/ BLOOD COAGULATION DISORDERS, familial & genetic/ ENGLISH ABSTRACT/ FACTOR VII, metabolism/ *FACTOR XII/ FEMALE/ GENES, RECESSIVE/ *HEMORRHAGIC DIATHESIS, etiology/ HETEROZYGOTE/ HUMAN/ MALE/ PEDIGREE

ANONYMOUS

Aerosp Med

8800. Would you fly with these pilots? A panel discussion.
Aerosp Med 44:786-93, Jul 73
ADULT/ ANEMIA, SICKLE CELL/ AORTOCORONARY BYPASS/ ATMOSPHERIC PRESSURE/ *AVIATION MEDICINE/ BRADYCARDIA, therapy/ ELECTROMAGNETICS/ HUMAN/ MALE/ MICROWAVES/ MYOCARDIAL INFARCT, therapy/ *PACEMAKER, ARTIFICIAL/ PITUITARY NEOPLASMS, surgery/ PURPURA, THROMBOPENIC/ VISION DISORDERS/ VISUAL FIELDS

Am J Hosp Pharm

8801. Drug therapy review--coumarin and indandione derivatives.
Am J Hosp Pharm 30:705-13, Aug 73 (73 ref.)
*ANTICOAGULANTS, therapeutic use/ ARTERIAL OCCLUSIVE DISEASES, drug therapy/ CEREBROVASCULAR DISORDERS, drug therapy/ COUMARINS, administration & dosage/ COUMARINS, adverse effects/ COUMARINS, metabolism/ COUMARINS, pharmacodynamics/ *COUMARINS, therapeutic use/ DRUG INTERACTIONS/ DRUG RESISTANCE/ HEMORRHAGE, chemically induced/ HUMAN/ INDENES, administration & dosage/ INDENES, adverse effects/ INDENES, metabolism/ INDENES, pharmacodynamics/ *INDENES, therapeutic use/ INTESTINAL ABSORPTION/ KETONES, administration & dosage/ KETONES, adverse effects/ KETONES, metabolism/ KETONES, pharmacodynamics/ KETONES, therapeutic use/ REVIEW/ THROMBOEMBOLISM, drug therapy

8802. Methotrexate U.S.P. (amethopterin) and methotrexate sodium.
Am J Hosp Pharm 30:542-8, Jun 73
ABORTION, INDUCED/ ANEMIA, chemically induced/ BURKITT'S LYMPHOMA, drug therapy/ CHORIOCARCINOMA, drug therapy/ DRUG INTERACTIONS/ FEMALE/ HUMAN/ LEUKEMIA, complications/ LEUKEMIA, drug therapy/ LEUKOPENIA, chemically induced/ LIVER DISEASES, chemically induced/ MALE/ METHOTREXATE, administration & dosage/ METHOTREXATE, adverse effects/ METHOTREXATE, metabolism/ METHOTREXATE, pharmacodynamics/ *METHOTREXATE, therapeutic use/ NEOPLASMS, drug therapy/ PREGNANCY/ PSORIASIS, drug therapy/ SKIN DISEASES, chemically induced/ TESTICULAR NEOPLASMS/ THROMBOPENIA, chemically induced/ URIC ACID, blood/ UTERINE NEOPLASMS, drug therapy

Angiologia

8803. Mesa roedonda sobre terapéutica antitrombótica actual. Angiologia 25:215-54, Sep-Oct 73 (Spa)
*ANTICOAGULANTS, therapeutic use/ *FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ *PLATELET ADHESIVENESS, drug effects/ *THROMBOSIS, drug therapy

Arch Sci Physiol (Paris)

8804. Tentative rules for generic descriptors and trivial names for vitamins and related compounds.
Arch Sci Physiol (Paris) 25:5-15, 1971
AMINOBENZOIC ACID/ ASCORBIC ACID/ BIOTIN/ CAROTENOIDS/ CHOLINE/ FOLIC ACID/ INOSITOL/ NICOTINAMIDE/ *NOMENCLATURE/ PANTOTHENIC ACID/ PYRIDOXINE/ RIBOFLAVIN/ VITAMIN A/ VITAMIN B 12/ VITAMIN D/ VITAMIN E/ VITAMIN K/ *VITAMINS

Blut

8805. Report to the World Federation of Haemophilia on the activities of the South African Haemophilia Foundation for the year 1971-72. Blut 25:203-6, Sep 72
HEALTH EDUCATION/ *HEMOPHILIA, therapy/ HUMAN/ REGISTRIES/ *SOCIETIES, MEDICAL/ SOUTH AFRICA

Br J Haematol

8806. Reference method for the erythrocyte sedimentation rate (ESR) test on human blood.
Br J Haematol 24:671-3, May 73
BLOOD COAGULATION/ *BLOOD SEDIMENTATION/ ERYTHROCYTES/ HUMAN/ METHODS/ TIME FACTORS

Br Med J

8807. Massive pulmonary haemorrhage in the newborn.
Br Med J 3:553-4, 15 Sep 73
*HEMORRHAGE, etiology/ HEMORRHAGE, prevention & control/ *HEMORRHAGIC DISEASE OF NEWBORN/ HUMAN/ INFANT MORTALITY/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, etiology/ INFANT, NEWBORN, DISEASES, prevention & control/ *LUNG DISEASES, etiology/ LUNG DISEASES, prevention & control

8808. Treatment of acute lymphoblastic leukaemia: effect of "prophylactic" therapy against central nervous system leukaemia. Report ot the Medical Research

Council by the Leukaemia Committee and the Working Party on Leukaemia in Childhood. Br Med J 2:381-4, 19 May 73
ADOLESCENCE/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CENTRAL NERVOUS SYSTEM DISEASES, etiology/ *CENTRAL NERVOUS SYSTEM DISEASES, prevention & control/ CENTRAL NERVOUS SYSTEM DISEASES, radiotherapy/ CHILD/ CHILD, PRESCHOOL/ CLINICAL RESEARCH/ HUMAN/ INFANT/ LEUKEMIA, LYMPHOBLASTIC, complications/ LEUKEMIA, LYMPHOBLASTIC, drug therapy/ LEUKEMIA, LYMPHOBLASTIC, mortality/ LEUKEMIA, LYMPHOBLASTIC, radiotherapy/ *LEUKEMIA, LYMPHOBLASTIC, therapy/ LEUKOCYTE COUNT/ METHOTREXATE, therapeutic use/ RADIOTHERAPY DOSAGE/ REMISSION/ TIME FACTORS

8809. Enzymes and emphysema. Br Med J 1:1-2, 6 Jan 73
BRONCHITIS/ HETEROZYGOTE/ HUMAN/ *METABOLISM, INBORN ERRORS/ *PULMONARY EMPHYSEMA, etiology/ SMOKING, physiopathology/ *TRYPSIN INHIBITORS, metabolism

8810. Prevention of pulmonary embolism. Br Med J 2:1-2, 7 Apr 73
ANTICOAGULANTS, therapeutic use/ HUMAN/ PHLEBOGRAPHY/ PULMONARY EMBOLISM, etiology/ *PULMONARY EMBOLISM, prevention & control/ THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, physiopathology/ THROMBOPHLEBITIS, therapy

8811. Extensive resections for cancer of the large bowel. Br Med J 1:692, 24 Mar 73
ADHESIONS/ COLONIC NEOPLASMS, mortality/ *COLONIC NEOPLASMS, surgery/ HUMAN/ NEOPLASM RECURRENCE, LOCAL/ PALLIATIVE TREATMENT/ PROGNOSIS/ RECTAL NEOPLASMS, mortality/ *RECTAL NEOPLASMS, surgery

8812. Alpha 1 antitrypsin deficiency and liver disease in childhood. Br Med J 1:758, 31 Mar 73
CHILD, PRESCHOOL/ HEPATITIS, congenital/ HUMAN/ INFANT/ INFANT, NEWBORN/ LIVER CIRRHOSIS, complications/ *LIVER DISEASES, complications/ *METABOLISM, INBORN ERRORS, complications/ PULMONARY EMPHYSEMA, complications/ *TRYPSIN INHIBITORS, blood

8813. Primary excess and deficiency or renin. Br Med J 1:627-8, 17 Mar 73
ADOLESCENCE/ ADULT/ AGED/ ALDOSTERONE, blood/ CHILD/ *ENDOCRINE DISEASES/ ENDOCRINE DISEASES, complications/ HEMANGIOPERICYTOMA, metabolism/ HUMAN/ HYPERALDOSTERONISM, etiology/ HYPERTENSION, etiology/ KIDNEY NEOPLASMS, metabolism/ *RENIN/ RENIN, secretion

8814. Clot failure in pregnancy. Br Med J 4:628, 16 Dec 72
ANTIBODIES/ *BLOOD COAGULATION DISORDERS/ *FACTOR VIII/ FEMALE/ HEMOPHILIA/ HUMAN/ IGM/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC

8815. Blood clotting and the pill. Br Med J 4:378-9, 18 Nov 72
BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ CHLORMADINONE/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ NORETHINDRONE/ *THROMBOEMBOLISM, chemically induced

8816. Epipodophyllotoxin VP 16213 in treatment of acute leukaemias, haematosarcomas, and solid tumours. Br Med J 3:199-202, 28 Jul 73
ADULT/ AGED/ AGRANULOCYTOSIS, chemically induced/ ALOPECIA, chemically induced/ *ANTINEOPLASTIC AGENTS, therapeutic use/ FEMALE/ GLYCOSIDES, therapeutic use/ HODGKIN'S DISEASE, drug therapy/ HUMAN/ LACTONES, therapeutic use/ *LEUKEMIA, drug therapy/ MALE/ MIDDLE AGE/ NAUSEA, chemically induced/ *NEOPLASMS, drug therapy/ NEUTROPHILS, drug effects/ PODOPHYLLOTOXIN, administration & dosage/ PODOPHYLLOTOXIN, adverse effects/ *PODOPHYLLOTOXIN, therapeutic use/ REMISSION/ SARCOMA, RETICULUM CELL, drug therapy/ THROMBOPENIA, chemically induced/ VOMITING, chemically induced

8817. Hazards of laparoscopy. Br Med J 2:773, 30 Jun 73
ADULT/ ELECTROCOAGULATION, adverse effects/ FEMALE/ HEMATOMA, etiology/ HUMAN/ *LAPAROSCOPY, adverse effects/ LAPAROTOMY

8818. Prevention of pulmonary embolism. Br Med J 2:612, 9 Jun 73
AGED/ EXERCISE THERAPY/ HEPARIN, therapeutic use/ HUMAN/ POSTURE/ PULMONARY EMBOLISM, diagnosis/ PULMONARY EMBOLISM, occurrence/ *PULMONARY EMBOLISM, prevention & control

Bull WHO

8819. Pathogenetic mechanisms in dengue haemorrhagic fever: report of an international collaborative study. Bull WHO 48:117-33, 1973
BLOOD COAGULATION TESTS/ CHILD/ COMPLEMENT/ DENGUE, immunology/ DENGUE, microbiology/ *DENGUE, physiopathology/ DENGUE VIRUS, isolation & purification/ EPIDEMIC HEMORRHAGIC FEVER, immunology/ *EPIDEMIC HEMORRHAGIC FEVER, physiopathology/ FEMALE/ FIBRINOGEN/ FLUORESCENT ANTIBODY TECHNIC/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ INFANT/ INTERNATIONAL COOPERATION/ MALE/ PLAQUE ASSAY/ THAILAND/ TRANSFERRIN, blood/ WORLD HEALTH ORGANIZATION

Calif Med

8820. Hypersplenism. Calif Med 118:24-9, Jan 73
BLOOD PLATELET DISORDERS, etiology/ BLOOD PLATELETS/ CELL SURVIVAL/ CHROMIUM ISOTOPES/ *HYPERSPLENISM/ HYPERSPLENISM, blood/ HYPERSPLENISM, classification/ HYPERSPLENISM, complications/ HYPERSPLENISM, etiology/ HYPERSPLENISM, physiopathology/ PURPURA, THROMBOPENIC, diagnosis/ PURPURA, THROMBOPENIC, physiopathology/ SPLENOMEGALY, complications

Cent Afr J Med

8821. Disseminated intravascular coagulation. Cent Afr J Med 19:59, Mar 73
*DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ HUMAN

Chest

8822. The treatment of pulmonary embolism. Chest 63:1006-11, Jun 73
ADULT/ ASPIRIN, therapeutic use/ BLOOD COAGULATION TESTS/ CASE REPORT/ CHOLELITHIASIS, surgery/ DIABETES MELLITUS, complications/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ POSTOPERATIVE COMPLICATIONS/ PULMONARY EMBOLISM, complications/ *PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, etiology/ PULMONARY EMBOLISM, radiography/ RADIOISOTOPE SCANNING/ THROMBOPHLEBITIS, etiology/ THROMBOSIS, diagnosis/ WARFARIN, therapeutic use

Chin Med J

8823. [Periodic fever, chill, shock and hemorrhagic tendency] Chin Med J 5:316-20, 1973 (Chi)
ADOLESCENCE/ CASE REPORT/ DISSEMINATED INTRAVASCULAR

COAGULATION, diagnosis/ *DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ FEMALE/ FEVER/ HEMORRHAGE, diagnosis/ HEMORRHAGE, pathology/ HUMAN/ MALARIA, diagnosis/ *MALARIA, pathology/ SHOCK

Circulation

8824. The urokinase pulmonary embolism trial. A national cooperative study.
Circulation 47:Suppl 2:1-108, Apr 73
ADULT/ AGED/ ANGIOGRAPHY/ ARRHYTHMIA, etiology/ ATELECTASIS, etiology/ BLOOD COAGULATION TESTS/ DYSPNEA, etiology/ ELECTROCARDIOGRAPHY/ FIBRINOLYTIC AGENTS, adverse effects/ *FIBRINOLYTIC AGENTS, therapeutic use/ HEART ARREST, etiology/ HEART BLOCK, etiology/ HEART ENLARGEMENT, etiology/ HEMODYNAMICS, drug effects/ HEMORRHAGE, etiology/ HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, PULMONARY, etiology/ MIDDLE AGE/ PLEURISY, etiology/ PULMONARY EMBOLISM, complications/ PULMONARY EMBOLISM, diagnosis/ *PULMONARY EMBOLISM, drug therapy/ PULMONARY EMBOLISM, mortality/ RADIOISOTOPE SCANNING/ THORACIC RADIOGRAPHY

Drug Ther Bull

8825. Low-dose heparin prophylaxis of postoperative venous thrombosis: preparations and costs.
Drug Ther Bull 10:100, 8 Dec 72
COSTS AND COST ANALYSIS/ *HEPARIN, therapeutic use/ *THROMBOPHLEBITIS, drug therapy

8826. Low-dose subcutaneous heparin in prevention of deep-vein thrombosis.
Drug Ther Bull 10:89-91, 10 Nov 72
*HEPARIN, administration & dosage/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ *MYOCARDIAL INFARCT, complications/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ THROMBOPHLEBITIS, drug therapy/ *THROMBOPHLEBITIS, prevention & control

Dtsch Med J

8827. Zur Therapie der Haut- und Geschlechtskrankheiten. Schrifttumsübersicht 1970-71.
Dtsch Med J 23:xvixxix contd, 10 Jun 72 (Ger)
ACNE, drug therapy/ ADULT/ ALOPECIA, drug therapy/ CARCINOMA, radiotherapy/ CARCINOMA, surgery/ CARCINOMA, therapy/ CHILD/ DERMATOMYCOSIS, drug therapy/ ECZEMA, drug therapy/ ERYTHEMA MULTIFORME, drug therapy/ FEMALE/ FLUDROCORTISONE, therapeutic use/ GONORRHEA, drug therapy/ HEMANGIOMA, therapy/ HEMORRHOIDS, drug therapy/ HIRSUTISM, drug therapy/ HUMAN/ IMPOTENCE, drug therapy/ INFANT, NEWBORN/ MALE/ MELANOMA, radiotherapy/ MELANOMA, surgery/ MELANOMA, therapy/ MIDDLE AGE/ MONILIASIS, CUTANEOUS, drug therapy/ REVIEW/ *SKIN DISEASES, therapy/ SKIN NEOPLASMS, radiotherapy/ SKIN NEOPLASMS, surgery/ SKIN NEOPLASMS, therapy/ *VENEREAL DISEASES, drug therapy

Food Cosmet Toxicol

8828. Aluminium takes the rap.
Food Cosmet Toxicol 11:139-41, Feb 73 (7 ref.)
*ALUMINUM/ ALUMINUM, adverse effects/ ALUMINUM, metabolism/ ALUMINUM, toxicity/ ALUMINUM HYDROXIDE GEL, adverse effects/ ANIMAL EXPERIMENTS/ BLOOD PRESERVATION/ COOKERY/ FECES, analysis/ FEMALE/ FOOD CONTAMINATION/ HEMODIALYSIS/ HUMAN/ KIDNEY FAILURE, CHRONIC, drug therapy/ KIDNEY FAILURE, CHRONIC, metabolism/ MICE/ PREGNANCY/ RATS/ REVIEW

8829. Polymers in surgical repair.
Food Cosmet Toxicol 11:314-8, Apr 73 (30 ref.)
ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ *CYANOACRYLATES/ CYANOACRYLATES, pharmacodynamics/ CYANOACRYLATES, therapeutic use/ CYANOACRYLATES, toxicity/ DENTAL PULP CAPPING/ EYE DISEASES, surgery/ FLUORINE/ FORMALDEHYDE/ GELATIN/ HEMOSTATICS/ HUMAN/ KIDNEY, drug effects/ KIDNEY, physiology/ LIVER, drug effects/ LIVER, physiology/ POLYGLYCOLIC ACID/ RESORCINOL/ REVIEW/ STRUCTURE-ACTIVITY RELATIONSHIP/ *SURGICAL EQUIPMENT/ SUTURES/ TISSUE ADHESIVES

Fortschr Med

8830. Gerinnungsuntersuchungen beim peritonealdialysierten Patienten.
Fortschr Med 91:324, 15 Mar 73 (Ger)
*BLOOD COAGULATION/ HUMAN/ *PERITONEAL DIALYSIS/ UREA, blood/ UREMIA, physiopathology/ UREMIA, therapy

Geburtshilfe Frauenheilkd

8831. "Genetische Beratung".
Geburtshilfe Frauenheilkd 33:525-40, Jul 73 (Ger)
ABNORMALITIES, MULTIPLE/ ABORTION/ ADRENOGENITAL SYNDROME/ AMNIOCENTESIS/ AUTOSOME ABNORMALITIES/ CHROMOSOME ABERRATIONS/ CLEFT PALATE/ CLUBFOOT/ CYSTIC FIBROSIS, familial & genetic/ ENGLISH ABSTRACT/ FEMALE/ *GENETIC COUNSELING/ HEART DEFECTS, CONGENITAL/ HEMOPHILIA/ HERMAPHRODITISM/ HIP DISLOCATION, CONGENITAL/ HUMAN/ INFANT, NEWBORN/ MALE/ MONGOLISM/ MUSCULAR ATROPHY, familial & genetic/ PHENYLKETONURIA/ PREGNANCY/ SPINA BIFIDA/ TURNER'S SYNDROME

Ir J Med Sci

8832. The disseminated intravascular coagulation syndrome: discussion. Ir J Med Sci Suppl:87-96, May 73
*DISSEMINATED INTRAVASCULAR COAGULATION/ DISSEMINATED INTRAVASCULAR COAGULATION, complications/ DISSEMINATED INTRAVASCULAR COAGULATION, diagnosis/ DISSEMINATED INTRAVASCULAR COAGULATION, drug therapy/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ INFANT/ MALE

J Appl Bacteriol

8833. A comparative assessment of media for the isolation and enumeration of coagulase positive staphylococci from foods. A report from a working party of the Public Health Laboratory Service.
J Appl Bacteriol 35:673-9, Dec 72
BACTERIOLOGICAL TECHNICS/ CELL COUNT/ COAGULASE, biosynthesis/ COMPARATIVE STUDY/ CULTURE MEDIA/ EVALUATION STUDIES/ *FOOD MICROBIOLOGY/ STAPHYLOCOCCUS, enzymology/ *STAPHYLOCOCCUS, isolation & purification/ UNITED STATES PUBLIC HEALTH SERVICE

J Ir Med Assoc

8834. Threefold increase in demand for blood concentrates.
J Ir Med Assoc 66:225, 28 Apr 73
ADOLESCENCE/ BLOOD DONORS/ *BLOOD PRESERVATION/ BLOOD TRANSFUSION/ HEMOPHILIA, therapy/ HUMAN

8835. IMA maternal mortality report for 1971.
J Ir Med Assoc 65:499-505, 21 Oct 72
ADOLESCENCE/ ADULT/ AGE FACTORS/ EMBOLISM, AMNIOTIC FLUID, mortality/ FEMALE/ HUMAN/ IRELAND/ *MATERNAL MORTALITY/ MIDDLE AGE/ PARITY/ PREGNANCY/ PREGNANCY COMPLICATIONS, mortality/ SOCIOECONOMIC FACTORS/ SUBARACHNOID HEMORRHAGE, mortality

J Ky Med Assoc

8836. Study of maternal mortality.
J Ky Med Assoc 71:16-8, Jan 73
*EMBOLISM, AMNIOTIC FLUID, mortality/ FEMALE/ HUMAN/ PREGNANCY

8837. Study of maternal mortality.
J Ky Med Assoc 71:230, Apr 73
ADULT/ CASE REPORT/ EMBOLISM, AMNIOTIC FLUID/ HUMAN/ MALE/ PREGNANCY/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ PULMONARY EMBOLISM

8838. From the files of the Committee for the Study of Maternal Mortality. J Ky Med Assoc 71:426-7, Jul 73
ADULT/ *EMBOLISM, AMNIOTIC FLUID, mortality/ FEMALE/ HUMAN/ *IATROGENIC DISEASE/ *MATERNAL MORTALITY/ PREGNANCY/ *PULMONARY EMBOLISM, mortality

J Reprod Med

8839. Hydrotubation used on difficult infertility patients.
J Reprod Med 10:144-6, Mar 73
ANTIBIOTICS, therapeutic use/ CHYMOTRYPSIN, therapeutic use/ CORTISONE, therapeutic use/ DEXAMETHASONE, therapeutic use/ *FALLOPIAN TUBES/ FALLOPIAN TUBES, surgery/ FEMALE/ HUMAN/ HYDROCORTISONE, therapeutic use/ IRRIGATION/ *STERILITY, FEMALE, therapy/ STREPTOMYCIN, therapeutic use

JAMA

8840. Fibrinolytic activity, obesity, and coronary heart disease. JAMA 224:1288, 28 May 73
*CORONARY DISEASE, etiology/ *FIBRINOLYSIS/ HUMAN/ *OBESITY, complications

8841. Primary neoplasms of joints.
JAMA 224:Suppl 5:784-5, 30 Apr 73
ADOLESCENCE/ CHONDROMA, diagnosis/ CHONDROSARCOMA, diagnosis/ FEMALE/ HEMANGIOMA, diagnosis/ HUMAN/ *JOINT DISEASES, diagnosis/ LIPOMA, diagnosis/ MALE/ MIDDLE AGE/ *NEOPLASMS, diagnosis/ SYNOVIAL MEMBRANE/ SYNOVIOMA, diagnosis/ SYNOVITIS, diagnosis/ XANTHOMATOSIS, diagnosis

8842. Thrombotic thrombocytopenic purpura.
JAMA 224:Suppl 5:729, 30 Apr 73
CELLULAR INCLUSIONS/ FEMALE/ FIBRIN/ FIBRINOGEN/ HUMAN/ HYALIN SUBSTANCE/ LUPUS ERYTHEMATOSUS, SYSTEMIC, diagnosis/ *PURPURA, THROMBOTIC THROMBOPENIC, diagnosis/ PURPURA, THROMBOTIC THROMBOPENIC, pathology

8843. Crosby WH:What to treat in Felty's syndrome.
JAMA 225:1114-5, 27 Aug 73
AGRANULOCYTOSIS, diagnosis/ ANEMIA, diagnosis/ ARTHRITIS, RHEUMATOID, diagnosis/ CHRONIC DISEASE/ FELTY'S SYNDROME, diagnosis/ FELTY'S SYNDROME, drug therapy/ *FELTY'S SYNDROME, therapy/ HUMAN/ INFECTION, diagnosis/ LEUKOCYTE COUNT/ SPLENECTOMY/ SPLENOMEGALY, diagnosis/ TESTOSTERONE, therapeutic use/ THROMBOPENIA, diagnosis/ ULCER, diagnosis

8844. Anticoagulants in acute myocardial infarction. Results of a cooperative clinical trial.
JAMA 225:724-9, 13 Aug 73
ACUTE DISEASE/ ADULT/ AGED/ ANTICOAGULANTS, adverse effects/ *ANTICOAGULANTS, therapeutic use/ ARRHYTHMIA, diagnosis/ CLINICAL RESEARCH/ ELECTROCARDIOGRAPHY/ FEMALE/ HEART BLOCK, diagnosis/ HEART FAILURE, CONGESTIVE, diagnosis/ HEMORRHAGE, chemically induced/ HEPARIN, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, mortality/ PLACEBOS/ PROTHROMBIN TIME/ PULMONARY EMBOLISM, diagnosis/ SAMPLING STUDIES/ SODIUM, therapeutic use/ THROMBOSIS, diagnosis/ WARFARIN, therapeutic use

Lakartidningen

8845. Behandling med blod och blodprodukter.
Lakartidningen 69:Suppl 4:53-4, 27 Dec 72 (Swe)
BLOOD PLATELETS/ *BLOOD TRANSFUSION/ ERYTHROCYTES/ HUMAN/ IMMUNOGLOBULINS/ LEUKOCYTES/ LYMPHOCYTES/ *SEROTHERAPY

Lancet

8846. Treatment of haemophilia. Lancet 2:648-9, 22 Sep 73
ECONOMICS, MEDICAL/ FACTOR VIII, administration & dosage/ FACTOR VIII, adverse effects/ *FACTOR VIII, therapeutic use/ FACTOR IX, administration & dosage/ FACTOR IX, adverse effects/ *FACTOR IX, therapeutic use/ HEMARTHROSIS, chemically induced/ *HEMOPHILIA, drug therapy/ HEMOSTASIS/ HUMAN/ MUSCULAR ATROPHY, prevention & control/ PHYSICAL THERAPY/ SPLINTS

8847. Enhancement of fibrinolytic activity.
Lancet 2:716, 29 Sep 73
ANIMAL EXPERIMENTS/ ANTI-INFLAMMATORY AGENTS, therapeutic use/ ARTHRITIS, RHEUMATOID, drug therapy/ ENDOTHELIUM, drug effects/ ETHYLESTRENOL, pharmacodynamics/ ETHYLESTRENOL, therapeutic use/ *FIBRINOLYSIS, drug effects/ FIBRINOLYTIC AGENTS, pharmacodynamics/ HUMAN/ PHENFORMIN, pharmacodynamics/ PHENFORMIN, therapeutic use/ RATS/ THROMBOSIS, drug therapy/ VEINS, drug effects

8848. Organ preservation. Lancet 2:715-6, 29 Sep 73
ANIMAL EXPERIMENTS/ CHLORPROMAZINE, pharmacodynamics/ DOGS/ HEART, transplantation/ HEPARIN, pharmacodynamics/ HUMAN/ KIDNEY, transplantation/ LIVER, transplantation/ LUNG, transplantation/ METHODS/ METHYLPREDNISOLONE, pharmacodynamics/ PANCREAS, transplantation/ PERFUSION/ PHENOXYBENZAMINE, pharmacodynamics/ RATS/ TIME FACTORS/ *TISSUE PRESERVATION/ TRANSPLANTATION, HOMOLOGOUS

8849. Low-dose urokinase in pulmonary embolism.
Lancet 2:613-4, 15 Sep 73
ADULT/ AGE FACTORS/ AGED/ *FIBRINOLYTIC AGENTS, administration & dosage/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ MIDDLE AGE/ *PULMONARY EMBOLISM, drug therapy

8850. Pain in haemophilia. Lancet 809:931-2, 28 Apr 73
ANALGESICS AND ANTIPYRETICS, therapeutic use/ HEMARTHROSIS, drug therapy/ *HEMOPHILIA, complications/ HUMAN/ *JOINT DISEASES, complications/ PAIN, drug therapy/ *PAIN, etiology

8851. Antitrypsin deficiency and adult cirrhosis.
Lancet 809:925, 28 Apr 73
ADULT/ AGE FACTORS/ ALLELES/ CHILD/ GLYCOPROTEINS, physiology/ HOMOZYGOTE/ HUMAN/ LIVER, enzymology/ LIVER CIRRHOSIS, enzymology/ LIVER CIRRHOSIS, familial & genetic/ *LIVER CIRRHOSIS, metabolism/ LUNG, enzymology/ *METABOLISM, INBORN ERRORS, familial & genetic/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, metabolism/ PHENOTYPE/ PULMONARY EMPHYSEMA, enzymology/ *TRYPSIN INHIBITORS, metabolism

8852. Describing banded chromosomes.
Lancet 1:358-9, 17 Feb 73
AUTORADIOGRAPHY/ CHROMOSOME ABERRATIONS/ *CHROMOSOMES/

CHROMOSOMES, enzymology/ FEMALE/ HUMAN/ INTERNATIONAL COOPERATION/ *KARYOTYPING/ MALE/ METHODS/ *NOMENCLATURE/ PEPTIDE HYDROLASES, metabolism/ PROTEIN DENATURATION

8853. Hyperviscosity syndrome in multiple myeloma. Lancet 1:359-60, 17 Feb 73
ANTINEOPLASTIC AGENTS, therapeutic use/ BLOOD PROTEINS, metabolism/ *BLOOD VISCOSITY/ FEMALE/ HUMAN/ IGG/ MALE/ MOLECULAR WEIGHT/ *MULTIPLE MYELOMA, blood/ MULTIPLE MYELOMA, drug therapy/ MULTIPLE MYELOMA, therapy/ PLASMA/ PLASMAPHERESIS/ PLATELET ADHESIVENESS/ SYNDROME

8854. Controlled trial of D(-)penicillamine in severe rheumatoid arthritis. Lancet 1:275-80, 10 Feb 73
ADMINISTRATION, ORAL/ ADULT/ AGED/ ALBUMINURIA, chemically induced/ ANOREXIA NERVOSA, chemically induced/ *ARTHRITIS, RHEUMATOID, drug therapy/ CARBONATES, administration & dosage/ CLINICAL RESEARCH/ COPPER, metabolism/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PALLIATIVE TREATMENT/ PENICILLAMINE, administration & dosage/ PENICILLAMINE, adverse effects/ *PENICILLAMINE, therapeutic use/ PLACEBOS/ SODIUM, administration & dosage/ SULFATES, administration & dosage/ TASTE DISORDERS, chemically induced/ THROMBOPENIA, chemically induced/ TIME FACTORS

8855. Consumption coagulopathy in congenital heart-disease. Lancet 1:324, 10 Feb 73
CYANOSIS/ *DISSEMINATED INTRAVASCULAR COAGULATION, complications/ HEART DEFECTS, CONGENITAL, blood/ *HEART DEFECTS, CONGENITAL, complications/ HUMAN/ INFANT, NEWBORN

8856. Pain in haemophilia. Lancet 1:757, 7 Apr 73
ACETAMINOPHEN, adverse effects/ ACETAMINOPHEN, therapeutic use/ *ANALGESICS AND ANTIPYRETICS, therapeutic use/ *HEMOPHILIA, complications/ HUMAN/ INDOMETHACIN, adverse effects/ INDOMETHACIN, therapeutic use/ MALE/ MEPERIDINE, adverse effects/ MEPERIDINE, therapeutic use/ OXYPHENBUTAZONE, adverse effects/ OXYPHENBUTAZONE, therapeutic use/ *PAIN/ PENTAZOCINE, adverse effects/ PENTAZOCINE, therapeutic use/ PHENYLBUTAZONE, adverse effects/ PHENYLBUTAZONE, therapeutic use

8857. Low-molecular-weight factor 8. Lancet 1:827, 14 Apr 73
*FACTOR VIII/ HUMAN/ MOLECULAR WEIGHT/ VON WILLEBRAND'S DISEASE, blood

8858. Streptokinase in myocardial infarction. Lancet 1:480, 3 Mar 73
ANIMAL EXPERIMENTS/ ARRHYTHMIA, chemically induced/ DOGS/ HUMAN/ *MYOCARDIAL INFARCT, drug therapy/ *STREPTOKINASE, adverse effects/ STREPTOKINASE, therapeutic use/ SWINE/ VENTRICULAR FIBRILLATION, chemically induced

8859. The uses of plasma. Lancet 2:1130-1, 25 Nov 72
*BLOOD COAGULATION FACTORS, therapeutic use/ *BLOOD TRANSFUSION/ HEPATITIS, HOMOLOGOUS SERUM, prevention & control/ HUMAN/ *PLASMA SUBSTITUTES, therapeutic use

8860. Radiosensitisers. Lancet 2:638-40, 23 Sep 72
ACTINOMYCIN, pharmacodynamics/ ANTINEOPLASTIC AGENTS, pharmacodynamics/ CHILD/ FOLIC ACID ANTAGONISTS, pharmacodynamics/ HUMAN/ HYPERBARIC OXYGENATION/ NEOPLASMS, radiotherapy/ OXYGEN/ PHYTONADIONE, pharmacodynamics/ *RADIATION-SENSITIZING AGENTS/ RADIATION-SENSITIZING AGENTS, pharmacodynamics/ RADIOTHERAPY DOSAGE/ TIME FACTORS

8861. Liver trauma. Lancet 2:641, 23 Sep 72
HEMOSTASIS/ HEPATIC ARTERY, surgery/ HUMAN/ LIGATION/ LIVER/ *LIVER, injuries/ LIVER, surgery/ LIVER CIRCULATION/ POSTOPERATIVE CARE/ VASCULAR SURGERY/ WOUNDS AND INJURIES, diagnosis/ WOUNDS AND INJURIES, surgery

8862. F.D.P. Lancet 2:957-8, 4 Nov 72
BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION DISORDERS, enzymology/ BLOOD COAGULATION DISORDERS, metabolism/ CELL MEMBRANE, enzymology/ *FIBRIN, metabolism/ FIBRIN, urine/ *FIBRINOGEN, metabolism/ FIBRINOGEN, urine/ *FIBRINOLYSIN, metabolism/ GRAFT REJECTION, urine/ HUMAN/ KIDNEY, transplantation/ LIVER, metabolism/ METHODS/ PEPTIDE HYDROLASES, metabolism/ RETICULOENDOTHELIAL SYSTEM, metabolism/ TRANSPLANTATION, HOMOLOGOUS

8863. Long-term blood abnormalities in thrombosis. Lancet 2:133-4, 21 Jul 73
*BLOOD COAGULATION DISORDERS, complications/ BLOOD PLATELETS, analysis/ FIBRINOGEN, analysis/ HUMAN/ MYOCARDIAL INFARCT, blood/ MYOCARDIAL INFARCT, prevention & control/ PULMONARY EMBOLISM, blood/ PULMONARY EMBOLISM, prevention & control/ *THROMBOPHLEBITIS, blood/ *THROMBOSIS, blood

8864. Antitrypsin deficiency and adult cirrhosis. Lancet 1:925, 28 Apr 73
ADULT/ AGE FACTORS/ ALLELES/ CHILD/ GLYCOPROTEINS, physiology/ HOMOZYGOTE/ HUMAN/ LIVER, enzymology/ LIVER CIRRHOSIS, enzymology/ LIVER CIRRHOSIS, familial & genetic/ *LIVER CIRRHOSIS, metabolism/ LUNG, enzymology/ *METABOLISM, INBORN ERRORS, familial & genetic/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PEPTIDE HYDROLASES, metabolism/ PHENOTYPE/ PULMONARY EMPHYSEMA, enzymology/ *TRYPSIN INHIBITORS, metabolism

8865. Pain in haemophilia. Lancet 1:931-2, 28 Apr 73
ANALGESICS AND ANTIPYRETICS, therapeutic use/ HEMARTHROSIS, drug therapy/ *HEMOPHILIA, complications/ HUMAN/ *JOINT DISEASES, complications/ PAIN, drug therapy/ *PAIN, etiology

8866. Should we stand all day? Lancet 2:81, 14 Jul 73
ADULT/ ASPIRIN, adverse effects/ ASPIRIN, therapeutic use/ BLOOD COAGULATION/ BLOOD VESSELS, metabolism/ CHILD/ DEXTRAN, adverse effects/ DEXTRAN, therapeutic use/ HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ LEG, blood supply/ PLASMINOGEN, metabolism/ POSTOPERATIVE COMPLICATIONS/ *POSTURE/ *THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, prevention & control

8867. Urokinase in pulmonary embolism. Lancet 1:1427-8, 23 Jun 73
COMPARATIVE STUDY/ *FIBRINOLYTIC AGENTS, therapeutic use/ *HEPARIN, therapeutic use/ HUMAN/ *PULMONARY EMBOLISM, drug therapy/ STREPTODORNASE AND STREPTOKINASE, therapeutic use

Med J Aust

8868. Bleeding after snakebite. Med J Aust 1:322-3, 17 Feb 73
BLOOD COAGULATION TESTS/ HEMORRHAGE, diagnosis/ HEMORRHAGE, drug therapy/ *HEMORRHAGE, etiology/ HEPARIN, therapeutic use/ HUMAN/ *SNAKE BITES, complications/ SNAKE BITES, drug therapy

8869. Anticoagulants in thromboembolism.
Med J Aust 2:1097-8, 11 Nov 72
ANTICOAGULANTS, administration & dosage/ *ANTICOAGULANTS, therapeutic use/ HEPARIN, therapeutic use/ MYOCARDIAL INFARCT, drug therapy/ PULMONARY EMBOLISM, drug therapy/ *THROMBOEMBOLISM, drug therapy/ THROMBOEMBOLISM, prevention & control

8870. The therapy of acute leukaemia in adults.
Med J Aust 2:397-8, 19 Aug 72
ACUTE DISEASE/ ADULT/ BLOOD TRANSFUSION/ CROSS INFECTION, prevention & control/ HUMAN/ LEUKEMIA, drug therapy/ *LEUKEMIA, therapy/ PATIENT ISOLATORS/ THROMBOPENIA, therapy

8871. The detection of venous thrombosis.
Med J Aust 2:695-6, 23 Sep 72
FIBRINOGEN, diagnostic use/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ PHLEBOGRAPHY/ PREGNANCY/ *THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, radiography/ ULTRASONICS, diagnostic use

Med Lab (Stuttg)

8872. Gefrorene rote Blutkörperchen für Bluttransfusion. Beginnende Grossbenützung durch das Amerikanische Rote Kreuz.
Med Lab (Stuttg) 25:272-3, Nov 72 (Ger)
BLOOD PRESERVATION/ *BLOOD TRANSFUSION/ *ERYTHROCYTES/ HEPATITIS, INFECTIOUS, prevention & control/ HUMAN/ RED CROSS/ REFRIGERATION/ UNITED STATES

Med Lett Drugs Ther

8873. Viaflex containers.
Med Lett Drugs Ther 14:69-70, 15 Sep 72
BACTERIA/ *BLOOD PRESERVATION/ *DISPOSABLE EQUIPMENT/ *DRUG CONTAINERS AND CLOSURES/ HUMAN/ INFECTION, prevention & control/ *INJECTIONS, INTRAVENOUS, instrumentation/ METHODS/ PHTHALIC ACID/ *POLYVINYLS/ SOLUTIONS

8874. Uses of blood and of blood components.
Med Lett Drugs Ther 14:89-92, 24 Nov 72
BLOOD COAGULATION FACTORS, administration & dosage/ BLOOD COAGULATION FACTORS, adverse effects/ *BLOOD COAGULATION FACTORS, therapeutic use/ BLOOD DONORS/ BLOOD PLATELETS/ BLOOD PRESERVATION/ BLOOD SPECIMEN COLLECTION/ *BLOOD TRANSFUSION/ BLOOD TRANSFUSION, adverse effects/ ERYTHROCYTES/ FEMALE/ HEPATITIS, HOMOLOGOUS SERUM, prevention & control/ *HEPATITIS, INFECTIOUS, prevention & control/ HUMAN/ IMMUNOGLOBULINS/ METHODS/ PLASMA/ PREGNANCY/ *SEROTHERAPY/ SEROTHERAPY, adverse effects/ SERUM ALBUMIN

8875. Low-dose heparin prophylaxis of deep-vein thrombosis. Med Lett Drugs Ther 15:35, 13 Apr 73
*HEPARIN, administration & dosage/ HEPARIN, adverse effects/ HEPARIN, therapeutic use/ HUMAN/ PULMONARY EMBOLISM, drug therapy/ *PULMONARY EMBOLISM, prevention & control/ THROMBOPHLEBITIS, drug therapy/ *THROMBOPHLEBITIS, prevention & control

8876. Drugs in pregnancy.
Med Lett Drugs Ther 14:94-6, 8 Dec 72
*ABNORMALITIES, DRUG-INDUCED/ *ABORTION, chemically induced/ ANTIBIOTICS, adverse effects/ ANTICOAGULANTS, adverse effects/ ANTIHISTAMINICS, adverse effects/ ANTIMALARIALS, adverse effects/ ANTINEOPLASTIC AGENTS, adverse effects/ BARBITURATES, adverse effects/ DIETHYLSTILBESTROL, adverse effects/ *DRUG ABUSE, complications/ *DRUG THERAPY, adverse effects/ FEMALE/ *FETAL DEATH, chemically induced/ *FETUS, drug effects/ GESTATIONAL AGE/ HUMAN/ INFANT, NEWBORN/ IODINE ISOTOPES, adverse effects/ NARCOTICS, adverse effects/ PREGNANCY/ PROGESTATIONAL HORMONES, adverse effects/ REVIEW/ THYROID ANTAGONISTS, adverse effects/ VITAMINS, adverse effects

Milit Med

8877. Progress in the federal medical services.
Milit Med 136:657-82, Aug 71
ACCLIMATIZATION/ ADAPTATION, PHYSIOLOGICAL/ AVIATION MEDICINE/ BIOMECHANICS/ BLOOD PRESERVATION/ CARDIOVASCULAR DISEASES/ DIVING/ FROSTBITE, therapy/ *GOVERNMENT AGENCIES/ HUMAN/ IMMUNOSUPPRESSION/ MALARIA, prevention & control/ *MILITARY MEDICINE/ NAVAL MEDICINE/ PSYCHIATRY, MILITARY/ REVIEW/ SHOCK, therapy/ SKIN DISEASES, INFECTIOUS, prevention & control/ SPECTRUM ANALYSIS/ TISSUE PRESERVATION/ TROPICAL MEDICINE/ UNITED STATES NATIONAL INSTITUTES OF HEALTH/ UNITED STATES PUBLIC HEALTH SERVICE/ UNITED STATES VETERANS ADMINISTRATION/ WOUNDS AND INJURIES, therapy

N Engl J Med

8878. Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 22-1973.
N Engl J Med 288:1173-80, 31 May 73
ADENOCARCINOMA, diagnosis/ AGED/ AUTOPSY/ CASE REPORT/ CYTODIAGNOSIS/ DIAGNOSIS, DIFFERENTIAL/ DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ EMPHYSEMA, pathology/ ENDOCARDITIS, pathology/ FALSE NEGATIVE REACTIONS/ FEMALE/ HUMAN/ HYPERPLASIA/ LUNG, pathology/ LUNG ABSCESS, pathology/ LUNG NEOPLASMS, diagnosis/ PNEUMOCOCCAL INFECTIONS, diagnosis/ *PNEUMOCOCCAL INFECTIONS, pathology/ *PNEUMONIA, pathology/ PULMONARY ALVEOLI, pathology/ PULMONARY FIBROSIS, pathology/ SPUTUM, cytology

8879. Venous thromboembolism.
N Engl J Med 287:1200-2, 7 Dec 72
ADOLESCENCE/ ADULT/ AGED/ HEPARIN, therapeutic use/ HUMAN/ RADIOISOTOPE SCANNING/ TECHNETIUM/ *THROMBOEMBOLISM/ THROMBOEMBOLISM, diagnosis/ THROMBOEMBOLISM, prevention & control/ *THROMBOPHLEBITIS/ THROMBOPHLEBITIS, diagnosis/ THROMBOPHLEBITIS, prevention & control

8880. Heparinization of patients undergoing coronary arteriography. N Engl J Med 289:105-6, 12 Jul 73
*ANGIOGRAPHY/ ANGIOGRAPHY, adverse effects/ *CORONARY VESSELS, radiography/ *HEPARIN, therapeutic use/ HUMAN/ PROSPECTIVE STUDIES/ THROMBOEMBOLISM, prevention & control

Nouv Presse Med

8881. Régénérateur de sang à transfuser.
Nouv Presse Med 1:3100, 23 Dec 72 (Fre)
BLOOD PRESERVATION/ *BLOOD TRANSFUSION, instrumentation/ CENTRIFUGATION/ HUMAN/ METHODS/ TIME FACTORS

Nutr Rev

8882. Genetic factors in fat mobilization.
Nutr Rev 31:157-8, May 73 (3 ref.)
ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ *ANTILIPEMIC AGENTS, pharmacodynamics/ BIOLOGICAL ASSAY/ BODY COMPOSITION/ EPINEPHRINE, pharmacodynamics/ FATTY ACIDS, NONESTERIFIED, blood/ FATTY ACIDS, NONESTERIFIED, metabolism/ GENETICS/ HUMAN/ LIPID MOBILIZATION/ LIPIDS,

analysis/ *LIPIDS, metabolism/ LIPOTROPIC FACTORS, antagonists & inhibitors/ LIPOTROPIC FACTORS, pharmacodynamics/ LIPOTROPIN, pharmacodynamics/ OBESITY, familial & genetic/ PEPTIDE HYDROLASES, blood/ PITUITARY GLAND/ RABBITS/ REVIEW/ SPECIES SPECIFICITY/ SWINE/ THINNESS

8883. A plasma protein which increases with vitamin K deficiency. Nutr Rev 30:211-3, Sep 72 (8 ref.)
ANIMAL EXPERIMENTS/ BARIUM SULFATE/ BLOOD PROTEINS, biosynthesis/ BLOOD PROTEINS, isolation & purification/ *BLOOD PROTEINS, metabolism/ CHROMATOGRAPHY/ ELECTROPHORESIS, POLYACRYLAMIDE GEL/ MALE/ *PROTHROMBIN, metabolism/ RATS/ REVIEW/ TRITIUM/ VITAMIN K, therapeutic use/ *VITAMIN K DEFICIENCY, blood/ VITAMIN K DEFICIENCY, drug therapy

8884. Atherogenicity of peanut oil in the rabbit. Nutr Rev 30:70-2, Mar 72 (8 ref.)
ANIMAL EXPERIMENTS/ *ARTERIOSCLEROSIS, etiology/ BUTTER, adverse effects/ CHOLESTEROL, DIETARY/ COCONUT/ CORN, adverse effects/ COTTONSEED, pharmacodynamics/ DIET, ATHEROGENIC/ DIETARY FATS, adverse effects/ DISEASE MODELS, ANIMAL/ DRUG SYNERGISM/ FATTY ACIDS, pharmacodynamics/ FATTY ACIDS, toxicity/ FATTY ACIDS, ESSENTIAL, pharmacodynamics/ FATTY ACIDS, UNSATURATED, pharmacodynamics/ ISOMERISM/ MACACA/ MALE/ MONKEYS/ *OILS, toxicity/ *PEANUTS, adverse effects/ RABBITS/ REVIEW/ SPECIES SPECIFICITY/ TRIGLYCERIDES, toxicity

8885. Plasticizers and intravenous therapy. Nutr Rev 31:119-20, Apr 73 (4 ref.)
ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ BLOOD PRESERVATION, instrumentation/ BLOOD TRANSFUSION, adverse effects/ *BLOOD TRANSFUSION, instrumentation/ CHLORINE, adverse effects/ DOGS/ ESTERS, adverse effects/ ESTERS, blood/ ESTERS, metabolism/ EVALUATION STUDIES/ EXTRACORPOREAL CIRCULATION, adverse effects/ FUTUROLOGY/ HUMAN/ INJECTIONS, INTRAVENOUS, instrumentation/ MALE/ *PHTHALIC ACID, adverse effects/ PHTHALIC ACID, blood/ PHTHALIC ACID, metabolism/ PHTHALIC ACID, urine/ PLASTICS, adverse effects/ *POLYVINYLS, adverse effects/ RATS/ REVIEW/ SPLEEN, metabolism

8886. A specific protease for pyridoxal enzymes. Nutr Rev 31:98-9, Mar 73 (6 ref.)
AMINOTRANSFERASES/ ANIMAL EXPERIMENTS/ APOPROTEINS/ APOPROTEINS, antagonists & inhibitors/ ASPARTATE AMINOTRANSFERASE/ CYTOPLASM, enzymology/ HOMOSERINE/ HYDROGEN-ION CONCENTRATION/ HYDRO-LYASES/ *INTESTINE, SMALL, enzymology/ MALE/ MITOCHONDRIA, enzymology/ MOLECULAR WEIGHT/ MUSCLES, enzymology/ ORNITHINE/ *PEPTIDE PEPTIDOHYDROLASES/ PEPTIDE PEPTIDOHYDROLASES, isolation & purification/ PYRIDOXAL PHOSPHATE/ *PYRIDOXINE DEFICIENCY, enzymology/ RATS/ REVIEW/ SERINE DEHYDRATASE/ STRUCTURE-ACTIVITY RELATIONSHIP/ TYROSINE AMINOTRANSFERASE

NZ Med J

8887. New Zealand Committee on Adverse Drug Reactions: seventh annual report. NZ Med J 76:357-64, Nov 72
*ABNORMALITIES, DRUG-INDUCED/ ADOLESCENCE/ ADULT/ AGED/ ANALGESICS AND ANTIPYRETICS, adverse effects/ ANESTHESIA, GENERAL, adverse effects/ ANTIBIOTICS, adverse effects/ ANTICOAGULANTS, adverse effects/ ANTICONVULSANTS, adverse effects/ ANTIDEPRESSIVE AGENTS, adverse effects/ CHILD/ CONTRACEPTIVES, ORAL, adverse effects/ CONTRAST MEDIA, adverse effects/ *DRUG INTERACTIONS/ *DRUG THERAPY, adverse effects/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ SYMPATHOLYTICS, adverse effects/ THROMBOEMBOLISM, chemically induced

Postgrad Med

8888. Cancer of the colon and disseminated intravascular coagulation. Postgrad Med 53:149-51 passim, Jun 73
ADENOCARCINOMA, diagnosis/ CARCINOMA, MUCINOUS, diagnosis/ *CARCINOMA, MUCINOUS, pathology/ CASE REPORT/ COLON, pathology/ COLONIC NEOPLASMS, diagnosis/ *COLONIC NEOPLASMS, pathology/ DIAGNOSIS, DIFFERENTIAL/ DISSEMINATED INTRAVASCULAR COAGULATION, etiology/ *DISSEMINATED INTRAVASCULAR COAGULATION, pathology/ HUMAN/ KIDNEY, pathology/ LUNG, pathology/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ SEPTICEMIA, complications

Prog Immunobiol Stand

8889. General discussion the papers of session 3. Developments with viral vaccines.
Prog Immunobiol Stand 5:213-4, 1972
CELL LINE/ CELLS, CULTURED/ DIPLOIDY/ HERPESVIRUS, pathogenicity/ HISTOCOMPATIBILITY ANTIGENS/ HUMAN/ KIDNEY/ MONKEYS/ POLIOVIRUS, growth & development/ TRYPSIN/ *VIRAL VACCINES/ VIRUS CULTIVATION

Psychiatr Neurol Neurochir

8890. Symposium on subarachnoid hemorrhage organized by the Netherlands society of neurosurgeons. Discussion.
Psychiatr Neurol Neurochir 75:445-58, Nov-Dec 72
ANTIFIBRINOLYTIC AGENTS, therapeutic use/ CEREBRAL ANEURYSM, surgery/ CEREBRAL ANGIOGRAPHY/ CEREBRAL ISCHEMIA, TRANSIENT, drug therapy/ CEREBRAL ISCHEMIA, TRANSIENT, etiology/ FEMALE/ HUMAN/ HYDROCEPHALUS, etiology/ MALE/ PHENOXYBENZAMINE, therapeutic use/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ PROGNOSIS/ SPINAL PUNCTURE/ *SUBARACHNOID HEMORRHAGE/ SUBARACHNOID HEMORRHAGE, complications/ SUBARACHNOID HEMORRHAGE, drug therapy

Q Med Rev

8891. Geriatrics. Q Med Rev 23:1-23, Jul 72 (20 ref.)
AGED/ *AGING/ ANTICOAGULANTS, therapeutic use/ ARRHYTHMIA, therapy/ ARTERIOSCLEROSIS, therapy/ BRONCHITIS/ *CARDIOVASCULAR DISEASES/ CEREBRAL EMBOLISM AND THROMBOSIS, diagnosis/ CEREBRAL HEMORRHAGE, radiography/ CEREBROVASCULAR DISORDERS, classification/ CEREBROVASCULAR DISORDERS, drug therapy/ CORTISONE, therapeutic use/ EXERCISE THERAPY/ HEART FAILURE, CONGESTIVE, drug therapy/ HEMIPLEGIA, therapy/ HUMAN/ HYPERTENSION, drug therapy/ MYOCARDIAL INFARCT, therapy/ *NERVOUS SYSTEM DISEASES/ PNEUMONIA, ASPIRATION/ PSYCHOSES, ORGANIC, diagnosis/ PSYCHOSES, SENILE, therapy/ PULMONARY EMPHYSEMA/ *RESPIRATORY TRACT DISEASES/ REVIEW

S Afr Med J

8892. Home infusions for haemophilia.
S Afr Med J 47:1, 6 Jan 73
FACTOR VIII, administration & dosage/ *FACTOR VIII, therapeutic use/ *HEMOPHILIA, drug therapy/ HUMAN/ INJECTIONS, INTRAVENOUS/ *SELF MEDICATION

Stroke

8893. Clinical prevention of stroke.

Stroke 3:806-25, Nov-Dec 72
AGE FACTORS/ ANTICOAGULANTS, therapeutic use/ ANTIHYPERTENSIVE AGENTS, adverse effects/ ARTERIOSCLEROSIS, complications/ BLOOD PRESSURE/ BLOOD SUGAR, analysis/ CAROTID ARTERY DISEASES, complications/ CAROTID ARTERY DISEASES, surgery/ CEREBRAL EMBOLISM AND THROMBOSIS, etiology/ CEREBRAL HEMORRHAGE, etiology/ CEREBRAL ISCHEMIA, TRANSIENT, complications/ CEREBROVASCULAR DISORDERS, diagnosis/ CEREBROVASCULAR DISORDERS, etiology/ CEREBROVASCULAR DISORDERS, familial & genetic/ *CEREBROVASCULAR DISORDERS, prevention & control/ CONTRACEPTIVES, ORAL, adverse effects/ ELECTROCARDIOGRAPHY/ ELECTROENCEPHALOGRAPHY/ ENDARTERECTOMY/ HUMAN/ HYPERTENSION, complications/ HYPOTENSION, complications/ OBESITY, complications/ PHYSICAL EXAMINATION/ PHYSICAL FITNESS/ RETINAL DISEASES, complications/ SMOKING

Verh Dtsch Ges Inn Med

8894. Therapie der peripheren Gefässverschlüsse.
Verh Dtsch Ges Inn Med 77:374-7, 1971 (Ger)
ANTICOAGULANTS, therapeutic use/ ARTERIES/ *EXTREMITIES, blood supply/ FIBRINOLYTIC AGENTS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ PROGNOSIS/ STREPTOKINASE, therapeutic use/ VASCULAR DISEASES, surgery/ *VASCULAR DISEASES, therapy/ VEINS

WHO Tech Rep Ser

8895. WHO Expert Committee on Biological Standardization: twenty-fifth report. WHO Tech Rep Ser 530:1-66, 1973
ANTIBIOTICS, standards/ ANTIBODIES/ ANTIGENS, standards/ ARSENICALS, standards/ ARSPHENAMINE, standards/ DIMERCAPROL, standards/ *DRUGS, standards/ GLUCAGON, standards/ HEPARIN, standards/ OXOPHENARSINE, standards/ THROMBIN, standards/ TRIAZINES, standards/ VITAMIN D, standards/ WORLD HEALTH ORGANIZATION

8896. Inherited blood clotting disorders. Report of a WHO scientific group. WHO Tech Rep Ser 504:1-48, 1972
ANTIFIBRINOLYTIC AGENTS, therapeutic use/ AUTOSOME ABNORMALITIES/ BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION DISORDERS, familial & genetic/ BLOOD COAGULATION FACTORS/ BLOOD COAGULATION FACTORS, therapeutic use/ BLOOD COAGULATION TESTS/ BLOOD PRESERVATION/ CARRIER STATE, immunology/ GENES, RECESSIVE/ GENETICS, POPULATION/ HEMARTHROSIS, etiology/ HEMOPHILIA, complications/ HEMOPHILIA, familial & genetic/ HEMOPHILIA, surgery/ HETEROZYGOTE/ HUMAN/ MUTATION/ SEX CHROMOSOMES/ SURGERY, ORAL/ WORLD HEALTH ORGANIZATION

Wien Klin Wochenschr

8897. Neue, in Osterreich registrierte Spezialitäten.
Wien Klin Wochenschr 84:764-6, 24 Nov 72 (Ger)
AUSTRIA/ CARBON DIOXIDE/ *CYCLOHEXANE/ CYCLOHEXANE, administration & dosage/ CYCLOHEXANE, adverse effects/ CYCLOHEXANE, pharmacodynamics/ CYCLOHEXANE, therapeutic use/ FIBRINOLYSIS, drug effects/ HEMORRHAGE, drug therapy/ MENORRHAGIA, drug therapy/ URINARY TRACT INFECTIONS, drug therapy

Z Allgemeinmed

8898. Combizym-Combizym compositum. Substitution von Verdauungsfermenten.
Z Allgemeinmed 49:84-6, 20 Jan 73 (Ger)
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5208, 5246-5248, 5259-5260, 5264, 5275, 5289, 5319, 5366, 5368-5369, 5382, 5410, 5443, 5453, 5472, 5538, 5558, 5575, 5601, 5605, 5634, 5692-5693, 5695-5697, 5746, 5760, 5783, 5787, 5827, 5844, 5873, 5875, 5884, 5894, 5925, 5949, 5958, 5963, 5968, 6036, 6050-6051, 6057, 6065, 6078, 6086, 6092, 6155, 6162-6164, 6186, 6196, 6205, 6210, 6228-6229, 6246, 6248, 6256, 6281, 6302, 6309-6310, 6313, 6339, 6343, 6371-6372, 6374, 6387, 6406, 6410, 6421, 6429, 6435, 6450, 6462-6463, 6483, 6499, 6508, 6510, 6518, 6521, 6529, 6562, 6568, 6594, 6635, 6643, 6668, 6700, 6707, 6712, 6767, 6772, 6784, 6817, 6822, 6847, 6851, 6859, 6871, 6886, 6917, 6957, 6986-6987, 7010-7011, 7013, 7015, 7097, 7102, 7113, 7150, 7159, 7166, 7183-7185, 7194, 7220, 7232, 7234, 7267, 7269-7271, 7281-7282, 7312, 7315, 7337, 7352-7357, 7374-7375, 7378, 7417, 7419, 7439, 7492, 7501-7502, 7505, 7524, 7550, 7572, 7582, 7598, 7600-7601, 7628, 7694, 7700, 7720-7721, 7772, 7788-7789, 7816, 7823, 7827, 7860, 7873, 7880, 7897, 7906, 7931, 7958, 8009, 8027, 8078, 8098, 8113, 8115, 8125, 8127, 8130-8131, 8164, 8166, 8169, 8239, 8249, 8252, 8261, 8263, 8287, 8354, 8361-8362, 8364-8365, 8368, 8400, 8412, 8415, 8424-8425, 8450, 8472, 8482, 8508, 8549, 8557, 8611, 8625, 8628, 8677, 8686, 8704, 8709, 8711, 8724, 8729, 8731, 8736, 8764, 8774, 8784, 8795-8796, 8815, 8819, 8822, 8824, 8868, 8896

BLOOD DONORS: 9, 377, 1186, 1313, 1397, 1757, 2382-2383, 2600, 2817, 2892, 2931, 3050, 4053, 4179, 4407, 4419, 4829, 4857, 5112, 5145, 5329, 5798, 5845, 5986, 6024, 6460, 6548, 6979, 6997, 7083, 7284, 7446, 7475, 7572, 7687, 8065, 8079, 8236, 8618, 8730, 8834, 8874

BLOOD FLOW VELOCITY: 65, 208, 437-438, 463, 528, 561, 658, 662, 687, 751, 1056, 1193, 1314, 1360, 1512, 1631, 1661, 1769, 1886, 1976, 1987, 2048, 2544, 2959, 2998-2999, 3198, 3287, 3446, 4043-4044, 4231, 4444, 4572, 4652, 5549, 5564, 5772, 5945, 5982, 6742, 7245, 7253, 7783-7784, 7824, 8391, 8546, 8666

BLOOD GAS ANALYSIS: 330, 340, 344, 740, 1168, 1413, 1583, 3715, 5940, 6256, 6438, 6794, 7393, 8176, 8195

BLOOD GROUP INCOMPATIBILITY: 1693, 1889, 2390, 2582, 2892, 3289, 3337, 4053, 4730, 4917, 5117, 5662, 5845, 6098-6099, 6135, 6503-6504, 6767, 6963, 8029

BLOOD GROUPS: 679, 1433, 2079, 2892, 3248, 3337, 3755, 3985, 4052, 4283, 4375, 4624, 4724, 4832, 4917, 4980, 5419, 5474, 5690, 5798, 5890, 6450-6451, 6548, 6614, 6723-6725, 6767, 7028, 7077-7078, 7266, 7385, 7984, 8003, 8229, 8729

BLOOD PLATELET DISORDERS: 22, 117, 246-247, 339, 351, 423, 453-454, 633, 679, 691, 746, 795, 874, 876, 1045, 1121, 1130-1132, 1209, 1315, 1349, 1469, 1507, 1575-1576, 1585, 1620, 1624, 1629, 1664, 1687, 1813, 1823, 1825, 2024, 2095, 2120, 2178, 2216-2217, 2243, 2454, 2505, 2513, 2560, 2578, 2587, 2622, 2626, 2734, 2804, 2817, 3059, 3061, 3127, 3199, 3271, 3425, 3748, 3799, 3833, 3836, 3854, 4244, 4261-4262, 4301, 4323, 4424, 4430, 4452, 4558, 4629, 4657, 4694, 4787, 4816, 4818, 4971, 5101, 5104, 5130, 5189, 5237, 5279, 5333-5334, 5370, 5442-5443, 5520, 5539, 5613, 5619, 5714, 5813, 5839, 5898, 5926-5927, 6021, 6131, 6193, 6197, 6240, 6310, 6392-6393, 6431, 6453-6454, 6468, 6784, 6809-6811, 6817, 7159, 7238, 7308, 7328, 7343, 7428, 7502, 7518, 7549, 7567, 7683, 7907, 7945, 7958, 7977, 8009-8010, 8078, 8166, 8206, 8250, 8252, 8364-8365, 8367, 8370-8371, 8417, 8428, 8430, 8500, 8509, 8526, 8596, 8766, 8775, 8820

BLOOD PLATELETS: 16, 18, 41, 43-44, 46, 59, 63, 85, 97, 100-101, 115-116, 118, 127-129, 131, 133, 135, 140-141, 143, 152, 158, 163, 187, 189, 192, 198, 228, 238, 240, 250, 275, 284, 301, 332-333, 335, 352, 355, 360, 363-364, 368, 372, 383, 402, 405, 415, 431, 446, 457, 459, 461, 463, 475, 499, 501-503, 545, 555-556, 571, 573, 598, 604, 618, 630, 633, 656, 684, 687, 690-691, 738, 742-743, 745, 751, 758, 764-765, 769-770, 772, 774, 776, 787, 792-795, 808-809, 811, 819-823, 842, 852, 858-859, 866-869, 874-876, 906, 952, 959-962, 964, 968, 971, 976-977, 980, 1001, 1023, 1038, 1042, 1044-1045, 1049-1050, 1061, 1069, 1095, 1108, 1129, 1131-1132, 1139, 1153, 1171-1172, 1183, 1187, 1192, 1203, 1213-1215, 1223, 1226, 1228, 1238, 1253, 1269-1270, 1273, 1277, 1297, 1310, 1330, 1344, 1349, 1357-1360, 1371-1372, 1376, 1387, 1399-1400, 1416, 1428, 1431, 1437, 1439, 1448, 1456, 1468-1469, 1475, 1491, 1498-1499, 1507-1509, 1544, 1552, 1561, 1567, 1576, 1606-1609, 1613, 1621-1622, 1624, 1629-1630, 1632, 1645-1646, 1651-1652, 1660, 1664-1665, 1676, 1679-1680, 1687, 1701, 1715, 1725-1726, 1750-1751, 1767-1768, 1770, 1779, 1783-1784, 1804, 1819, 1821, 1825, 1844, 1849, 1851-1854, 1856, 1859-1860, 1867, 1877-1878, 1898, 1910-1912, 1919, 1923, 1925, 1927, 1931, 1956, 1960, 1974, 1984, 2002, 2019, 2026-2027, 2045, 2058, 2099, 2102, 2112, 2114-2115, 2120, 2129, 2131, 2139, 2165, 2178-2179, 2195, 2213, 2215, 2219, 2221, 2240, 2243, 2262, 2273, 2283, 2306-2307, 2317, 2334, 2342, 2352, 2385, 2394, 2396, 2411, 2428, 2453, 2457, 2460-2461, 2500, 2513, 2518, 2526, 2542-2543, 2545, 2552, 2560-2561, 2565, 2574, 2576, 2584, 2598, 2606-2607, 2610, 2612, 2623, 2626, 2640, 2679, 2683, 2700, 2703, 2705, 2707, 2709, 2712, 2714, 2721, 2730, 2747, 2760, 2765, 2770, 2803, 2810, 2817, 2819, 2823, 2832, 2842, 2861, 2901, 2918-2919, 2932, 2952, 2974, 2978, 3003, 3012, 3023, 3031-3034, 3040-3041, 3044, 3047, 3058-3062, 3064, 3075-3076, 3113-3115, 3131-3132, 3134, 3141
3141, 3149, 3170, 3175, 3186-3187, 3199, 3202, 3205, 3219, 3223-3226, 3238, 3241, 3247, 3251, 3260, 3267, 3271, 3284, 3289-3291, 3295, 3297-3301, 3309, 3311, 3313-3314, 3322-3323, 3327, 3337, 3345, 3365-3366, 3377-3378, 3385, 3388, 3394-3395, 3397, 3402, 3426, 3433-3434, 3466, 3470, 3472-3473, 3515, 3525-3526, 3552-3553, 3571, 3578, 3596, 3600, 3603-3604, 3638, 3662, 3682, 3688, 3699-3700, 3708, 3728, 3748, 3763, 3771, 3788, 3799, 3816, 3829, 3833-3836, 3843-3845, 3853-3854, 3858-3859, 3861, 3864-3866, 3883, 3897, 3910, 3931, 3950, 3953, 3955-3956, 3970, 3976, 3991, 3997-3998, 4002, 4011, 4015, 4031, 4047, 4065, 4077, 4083, 4091, 4100, 4155, 4168, 4174, 4185, 4188, 4195, 4222, 4234, 4238-4239, 4258, 4260-4263, 4286, 4290, 4301, 4317-4318, 4321-4322, 4325, 4327, 4347, 4353, 4364, 4366-4367, 4405-4406, 4408-4411, 4416, 4421, 4435, 4443, 4457, 4460-4461, 4473, 4479, 4503, 4516-4518, 4557, 4571, 4593-4594, 4612, 4629, 4646-4648, 4657, 4686-4687, 4690, 4694, 4701-4702, 4731, 4739, 4746-4747, 4750, 4770, 4780, 4794-4797, 4814, 4816-4817, 4824, 4833-4834, 4838, 4841, 4846, 4857, 4861, 4868, 4881, 4889, 4905, 4912, 4917, 4930, 4944, 4949, 4959, 4966, 4970, 4973, 4980, 4987, 4994, 5023, 5033-5034, 5042, 5046, 5083, 5097, 5118, 5125, 5127, 5129-5131, 5143, 5163-5164, 5175-5176, 5179-5181, 5196-5197, 5205, 5208, 5223, 5232, 5237, 5264, 5268-5270, 5289, 5294, 5324, 5329, 5333, 5338, 5370, 5374-5375, 5383, 5393, 5425-5426, 5443-5444, 5447, 5449, 5451-5452, 5454-5455, 5457-5458, 5460, 5463, 5484-5486, 5493, 5507, 5511-5512, 5519, 5542, 5545, 5560-5561, 5583, 5603, 5607-5610, 5628-5629, 5648, 5671-5673, 5692, 5694-5698, 5706, 5709, 5714-5715, 5732, 5754, 5761, 5772, 5774, 5782, 5798, 5819, 5839, 5852-5853, 5857, 5876, 5882, 5888, 5911, 5929, 5946, 5950-5951, 5966, 5968, 5971-5972, 5981, 5988, 6008, 6013, 6025, 6031, 6048, 6052, 6056, 6059-6060, 6066, 6075, 6091, 6102, 6109, 6135-6136, 6139, 6155, 6160, 6164, 6202, 6214, 6226, 6228, 6232, 8235
6236, 6239, 6241, 6243, 6246, 6249, 6255, 6263, 6271, 6285, 6288, 6309, 6335-6336, 6343, 6383, 6390, 6392-6393, 6421, 6424-6425, 6431, 6433-6435, 6442, 6444-6446, 6452, 6456, 6460, 6462-6463, 6476, 6483-6484, 6494, 6510, 6522, 6527-6528, 6539, 6563, 6565, 6584, 6614, 6618-6619, 6626, 6634, 6637,

6644, 6652, 6694-6695, 6712, 6717, 6719, 6725, 6762, 6779, 6781-6782, 6786, 6798-6799, 6811, 6817, 6824, 6836, 6840, 6862, 6887, 6891, 6893, 6899, 6906-6907, 6920, 6924, 6928-6932, 6936, 6940, 6970, 6973-6975, 6979-6980, 6985, 6987, 7006-7007, 7009, 7015, 7029, 7044, 7047-7049, 7058, 7076, 7097, 7108, 7120, 7144, 7146-7147, 7155, 7158-7159, 7169, 7177, 7196-7197, 7201-7202, 7208, 7217-7218, 7226-7228, 7239, 7257, 7264, 7268-7271, 7284, 7299, 7301-7303, 7308, 7335, 7337-7338, 7365, 7379, 7385, 7387, 7427, 7429, 7461, 7479, 7505, 7511, 7518, 7525-7527, 7529, 7535-7536, 7571-7572, 7582, 7586, 7602-7603, 7607, 7614, 7616, 7627, 7629, 7687, 7700, 7731, 7737, 7741-7743, 7747-7748, 7751, 7761, 7766, 7785, 7790, 7798, 7802, 7808, 7824, 7828, 7834-7835, 7842, 7845, 7847, 7855, 7867, 7874, 7880, 7884, 7888, 7895, 7904, 7907-7908, 7936, 7945, 7947, 7978, 7984, 7986-7987, 7996, 8006, 8009, 8015, 8036, 8049-8053, 8059, 8078, 8090, 8110, 8119, 8138, 8154, 8168, 8182, 8190, 8200-8201, 8210-8211, 8219, 8229-8230, 8235, 8242, 8249-8252, 8261, 8266-8267, 8284, 8289, 8339, 8342, 8347, 8353, 8358-8359, 8362, 8364-8367, 8369-8370, 8383, 8394, 8399, 8405, 8428-8433, 8436-8437, 8454, 8472, 8492, 8500, 8509, 8526, 8550-8551, 8566, 8569, 8584-8585, 8587-8589, 8618, 8626, 8637, 8658, 8666, 8670, 8680, 8712, 8726-8727, 8752, 8754, 8756, 8766, 8776, 8785-8787, 8789, 8808, 8820, 8845, 8863, 8874

BLOOD PRESERVATION: 9, 70, 76, 168, 187, 285, 330, 344, 408, 459, 493, 546-547, 575, 593, 621, 634-635, 780, 831, 837, 879, 899-900, 914, 1007, 1112, 1180-1181, 1226, 1269-1270, 1324, 1398, 1433, 1440-1441, 1561, 1590-1592, 1641, 1649, 1662, 1718, 1739, 1760, 1786-1787, 1843, 1936, 1986, 2117, 2145, 2204, 2233, 2258, 2318, 2352, 2429, 2481, 2512, 2514, 2526, 2600, 2606, 2608, 2709, 2732, 2745-2746, 2817, 2857, 2892, 2897, 2930-2931, 3011, 3018-3019, 3021, 3041, 3063, 3133, 3194, 3202, 3289, 3337, 3399, 3410, 3429, 3464-3465, 3506, 3512, 3603-3605, 3676-3677, 3745, 3771, 3814, 3816, 3822, 3839-3840, 3861, 3887, 3929-3930, 3956, 4046, 4053, 4056, 4148, 4178-4179, 4252, 4285, 4290, 4338, 4345, 4350, 4362, 4375, 4390, 4393, 4407, 4449, 4539, 4609-4610, 4624, 4638, 4640, 4709, 4713, 4755, 4787, 4791, 4818, 4829, 4894, 4974, 4979, 5038, 5082, 5112, 5127, 5145, 5168, 5221, 5231, 5263, 5329, 5352, 5535, 5541, 5544, 5597, 5652, 5671, 5706, 5751, 5755, 5798, 5817, 5845, 5985, 6042, 6070, 6225, 6252, 6345, 6378, 6404, 6434, 6442, 6497, 6504, 6542, 6555, 6631, 6638, 6653, 6706, 6830, 6920, 7027-7028, 7084, 7138, 7207, 7216, 7292, 7357, 7385, 7392, 7533, 7581, 7654, 7681, 7686, 7688, 7768, 7792, 7796, 7887, 7896, 7923, 7962, 7986, 8059-8062, 8066, 8084, 8177-8178, 8219, 8222, 8324, 8340, 8360-8361, 8413, 8444, 8501, 8547-8548, 8558, 8589, 8668, 8674, 8828, 8834, 8872-8874, 8877, 8881, 8885, 8896

BLOOD PRESSURE: 3, 59, 124, 156, 208, 356, 506, 525, 528, 687, 751, 894, 987, 1168, 1193, 1312, 1421, 1583, 1619, 1631, 1640, 1661, 1784, 1837, 1886, 1976, 1997, 2048, 2098-2099, 2157, 2180-2181, 2228, 2266, 2292, 2345-2346, 2393, 2410, 2455, 2507, 2522, 2725, 2756, 2818, 2831-2833, 2977, 3003, 3026, 3047, 3111, 3198, 3314, 3397, 3402, 3432, 3549, 3723, 3763, 3774, 3930, 3965, 4009-4010, 4022, 4086, 4130, 4142, 4152, 4160, 4306, 4327, 4444, 4496, 4527, 4637, 4644, 4652, 4675, 4701, 4705, 4770, 4859, 4923, 5048, 5097, 5123, 5164, 5253, 5293, 5338, 5373, 5500, 5561, 5656-5657, 5747, 5772, 5788, 5940, 5981, 6013, 6033, 6051, 6144, 6239, 6249, 6317-6318, 6438, 6443, 6529, 6542, 6779, 6831-6832, 6960, 7100, 7245, 7365, 7412, 7711, 7942, 7977, 8301, 8320, 8391, 8477, 8497, 8500, 8507, 8516, 8551, 8610, 8621, 8693, 8762, 8893

BLOOD PRESSURE DETERMINATION: 561, 1361, 1563, 1889, 3620, 4128, 4435, 4674, 6557, 6690, 6721, 7472

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☆ U. S. GOVERNMENT PRINTING OFFICE : 1974 O - 533-627.

Acknowledgments of Financial Support

UNIVERSITY OF ILLINOIS-URBANA
016.612115F443 C002
HEMOSTASIS AND THROMBOSIS
1973
3 0112 010243514